

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
 Data File : BF107196.D
 Acq On : 7 Jul 2018 10:44
 Operator : JU/SJ
 Sample : PB110879BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:10 PM

Quant Time: Jul 09 02:36:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	69209	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	262349	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	140762	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	284322	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	207355	20.00	ng	-0.02
86) Perylene-d12	15.67	264	202407	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	426796	104.42	ng	0.00
7) Phenol-d6	6.60	99	532344	104.30	ng	-0.01
23) Nitrobenzene-d5	7.51	82	349379	74.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	193104	118.36	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	657248	77.78	ng	-0.02
78) Terphenyl-d14	13.07	244	782122	91.37	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.87	88	55147	26.244	ng	100
3) Pyridine	3.64	79	162325	28.484	ng	97
4) n-Nitrosodimethylamine	3.61	42	66770	27.586	ng	85
6) Aniline	6.62	93	131402	18.979	ng	# 83
8) 2-Chlorophenol	6.74	128	152106	33.930	ng	98
9) Benzaldehyde	6.50	77	66881	16.429	ng	99
10) Phenol	6.61	94	183849	31.562	ng	82
11) bis(2-Chloroethyl)ether	6.68	93	152587	31.731	ng	98
12) 1,3-Dichlorobenzene	6.89	146	177878	33.878	ng	97
13) 1,4-Dichlorobenzene	6.97	146	178549	33.636	ng	96
14) 1,2-Dichlorobenzene	7.12	146	164549	33.825	ng	96
15) Benzyl Alcohol	7.10	79	127822	31.188	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	211388	33.504	ng	# 21
17) 2-Methylphenol	7.21	107	130829	34.103	ng	# 88
18) Hexachloroethane	7.45	117	60659	32.495	ng	# 84
19) n-Nitroso-di-n-propylamine	7.35	70	105959	31.494	ng	95
20) 3+4-Methylphenols	7.37	107	168652	39.310	ng	92
22) Acetophenone	7.35	105	211543	36.042	ng	# 99
24) Nitrobenzene	7.54	77	165955	34.433	ng	98
25) Isophorone	7.77	82	303298	36.460	ng	98
26) 2-Nitrophenol	7.85	139	87379	38.405	ng	96
27) 2,4-Dimethylphenol	7.88	122	143325	40.755	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	194945	34.903	ng	98
29) 2,4-Dichlorophenol	8.10	162	146449	39.777	ng	94
30) 1,2,4-Trichlorobenzene	8.17	180	158339	39.039	ng	97
31) Naphthalene	8.25	128	448318	36.551	ng	99
32) Benzoic acid	8.03	122	73048m	30.878	ng	
33) 4-Chloroaniline	8.30	127	62741	12.191	ng	99
34) Hexachlorobutadiene	8.35	225	102607	38.825	ng	99
35) Caprolactam	8.68	113	45130m	37.604	ng	
36) 4-Chloro-3-methylphenol	8.80	107	146159	37.715	ng	95
37) 2-Methylnaphthalene	8.94	142	334511	41.146	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	176684	37.272	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	78687	32.263	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
 Data File : BF107196.D
 Acq On : 7 Jul 2018 10:44
 Operator : JU/SJ
 Sample : PB110879BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

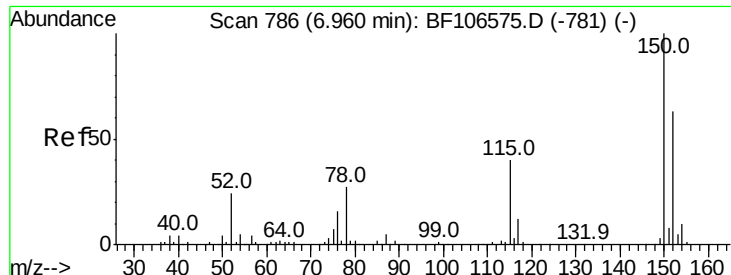
Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:10 PM

Quant Time: Jul 09 02:36:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	99374	31.537	nq	93
43) 2,4,5-Trichlorophenol	9.28	196	101898	30.991	nq	92
45) 1,1'-Biphenyl	9.41	154	404136	36.026	nq	98
46) 2-Chloronaphthalene	9.44	162	297618	33.705	nq	96
47) 2-Nitroaniline	9.54	65	91917	30.955	nq	99
48) Acenaphthylene	9.85	152	471075	33.790	nq	99
49) Dimethylphthalate	9.70	163	352117	33.353	nq	98
50) 2,6-Dinitrotoluene	9.78	165	81952	36.659	nq	95
51) Acenaphthene	10.02	154	282617	32.193	nq	98
52) 3-Nitroaniline	9.95	138	41301	16.055	nq	94
53) 2,4-Dinitrophenol	10.07	184	57924	51.853	nq #	17
54) Dibenzofuran	10.20	168	427649	35.575	nq	94
55) 4-Nitrophenol	10.14	139	55811	31.081	nq	90
56) 2,4-Dinitrotoluene	10.19	165	106333	36.440	nq #	93
57) Fluorene	10.54	166	348441	36.528	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	87258	33.385	nq #	75
59) Diethylphthalate	10.40	149	330232	32.409	nq #	94
60) 4-Chlorophenyl-phenylether	10.52	204	182214	36.508	nq #	87
61) 4-Nitroaniline	10.58	138	82219	32.204	nq	93
62) Azobenzene	10.69	77	323772	32.267	nq	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	58789	33.450	nq #	68
65) n-Nitrosodiphenylamine	10.65	169	302734	31.656	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	125185	36.893	nq #	80
67) Hexachlorobenzene	11.10	284	134084	37.754	nq #	79
68) Atrazine	11.18	200	110210	36.251	nq	94
69) Pentachlorophenol	11.30	266	57336	32.356	nq	99
70) Phenanthrene	11.51	178	512348	37.361	nq	99
71) Anthracene	11.57	178	528374	37.748	nq	100
72) Carbazole	11.72	167	461438	35.211	nq	98
73) Di-n-butylphthalate	12.02	149	516615	33.462	nq	100
74) Fluoranthene	12.71	202	548116	36.263	nq	95
76) Benzidine	12.82	184	169968	28.782	nq	97
77) Pyrene	12.94	202	544824	39.845	nq	100
79) Butylbenzylphthalate	13.54	149	194791	34.649	nq #	89
80) Benzo(a)anthracene	14.13	228	456973	36.159	nq	100
81) 3,3'-Dichlorobenzidine	14.08	252	78783	17.737	nq #	96
82) Chrysene	14.17	228	427694	36.786	nq	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	235583	32.777	nq #	96
84) Di-n-octyl phthalate	14.71	149	371965	31.749	nq #	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	493513	50.018	nq #	90
87) Benzo(b)fluoranthene	15.22	252	400378m	31.843	nq	
88) Benzo(k)fluoranthene	15.25	252	404145	33.753	nq #	96
89) Benzo(a)pyrene	15.61	252	408085	36.510	nq #	96
90) Dibenzo(a,h)anthracene	17.28	278	408102	43.081	nq #	93
91) Benzo(g,h,i)perylene	17.75	276	429213	46.357	nq #	90

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



#1

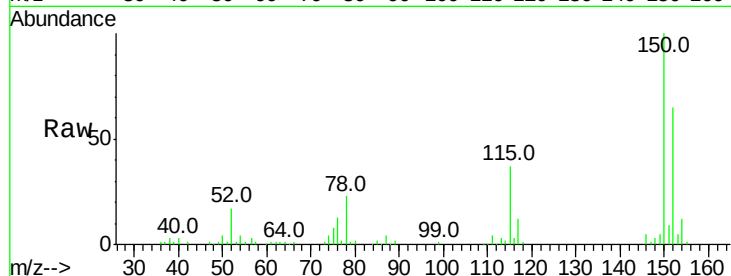
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

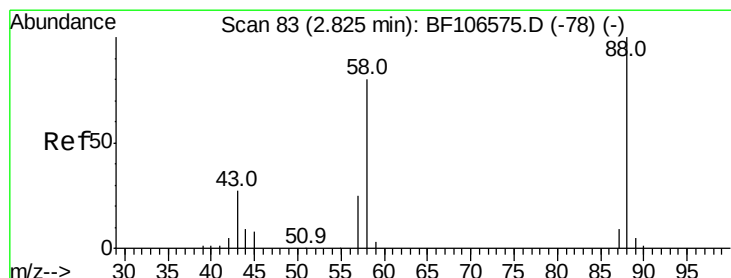
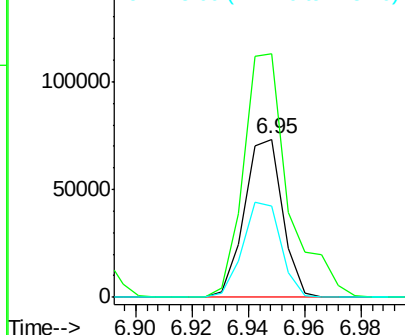
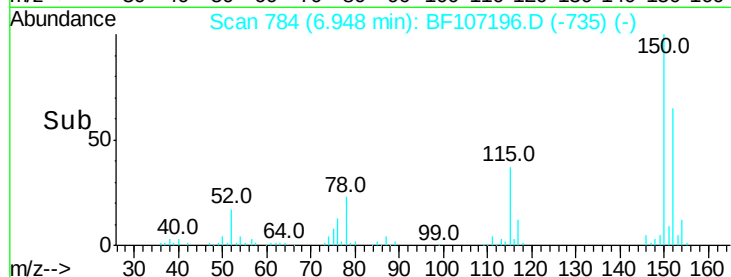
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	57.6	50.1	75.1

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



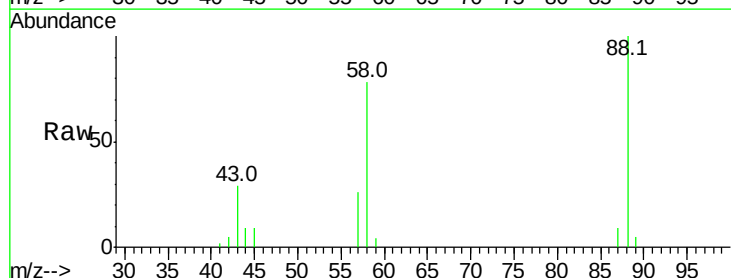
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



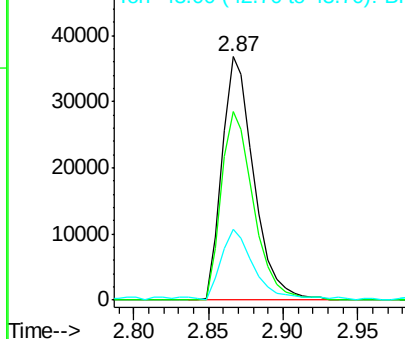
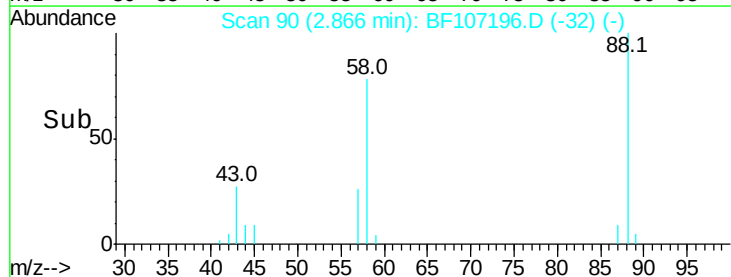
#2

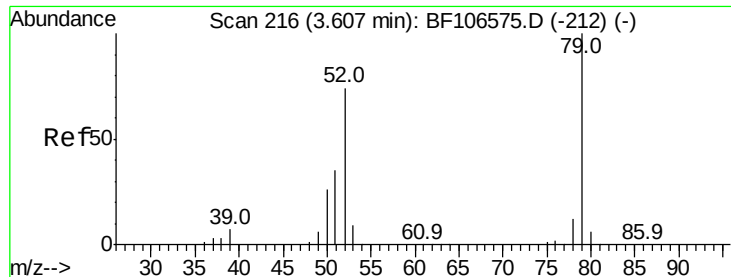
1,4-Dioxane
Concen: 26.244 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.04 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.3	62.6	93.8
43	30.5	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: 28.484 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

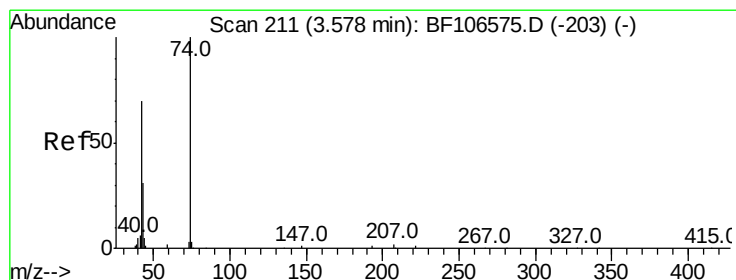
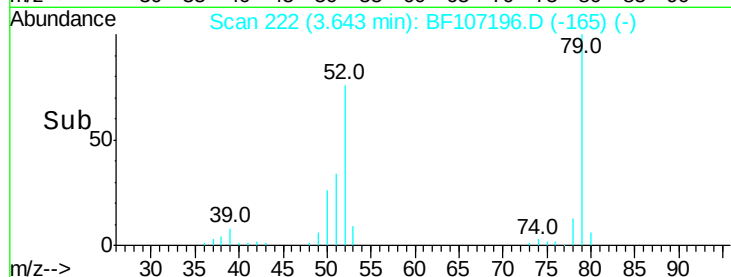
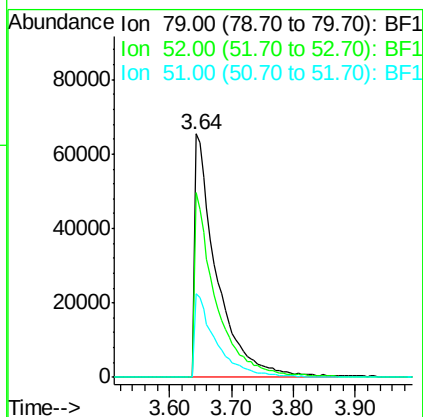
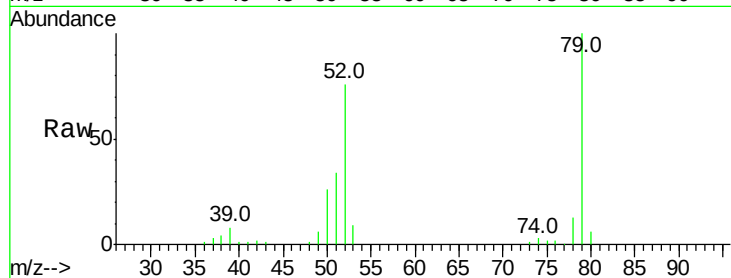
ClientSampleId :

PB110879BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.9	59.8	89.6
51	34.2	29.8	44.8

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



#4

n-Nitrosodimethylamine

Concen: 27.586 ng

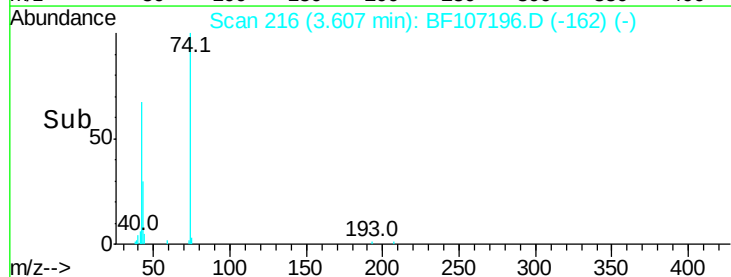
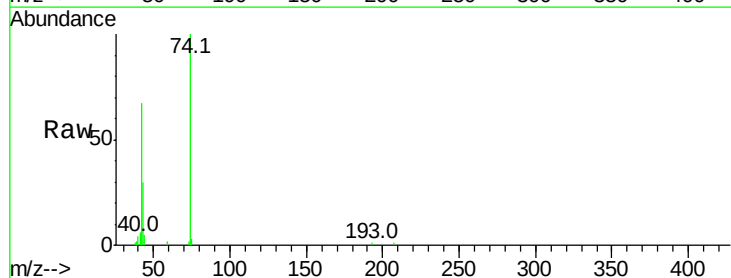
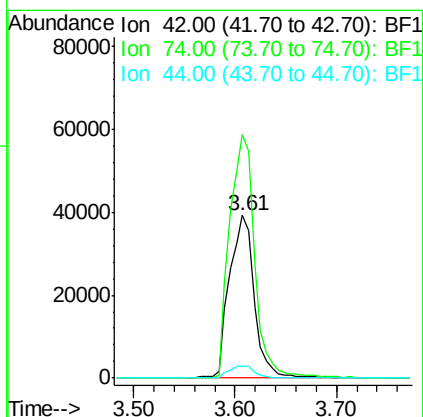
RT: 3.61 min Scan# 216

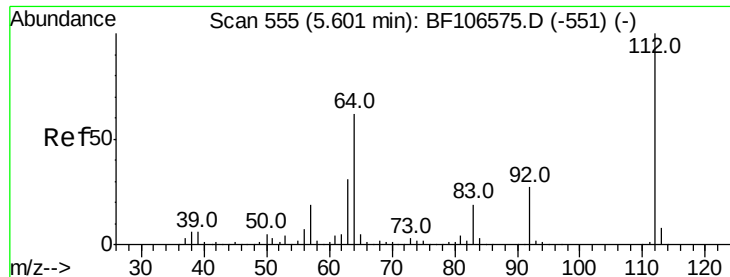
Delta R.T. 0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.8	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 104.423 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

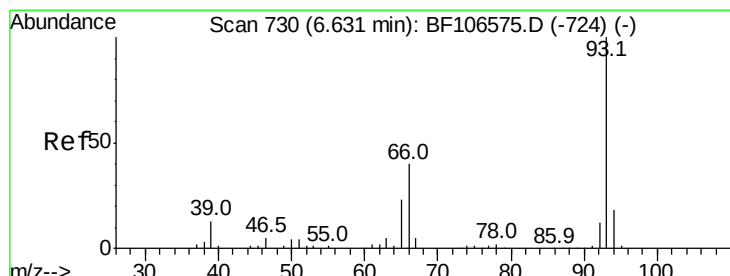
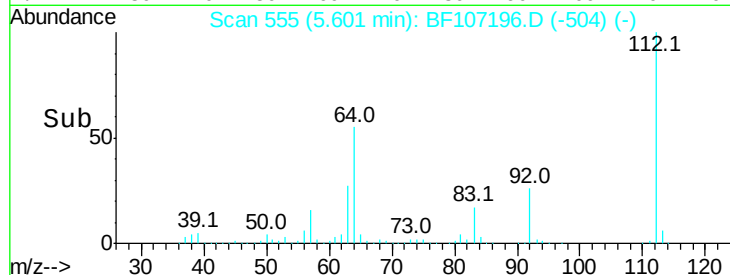
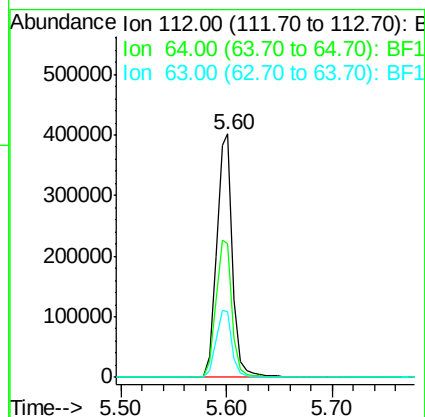
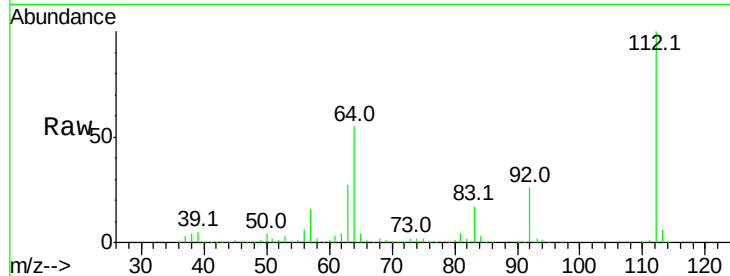
ClientSampled :

PB110879BS

Tot Ion:	112	Resp:	426796
Ion Ratio	Lower	Upper	
112	100		
64	54.9	47.9	71.9
63	27.1	23.7	35.5

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



#6

Aniline

Concen: 18.979 ng

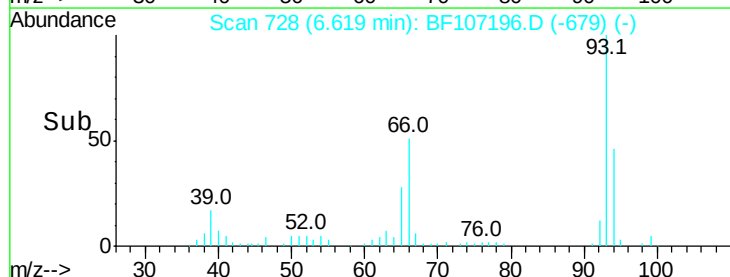
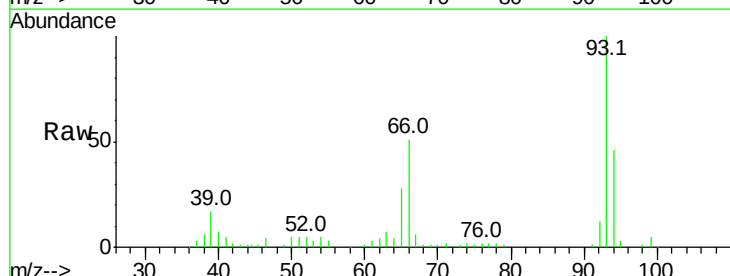
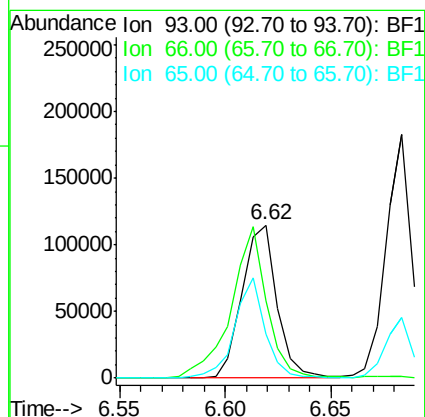
RT: 6.62 min Scan# 728

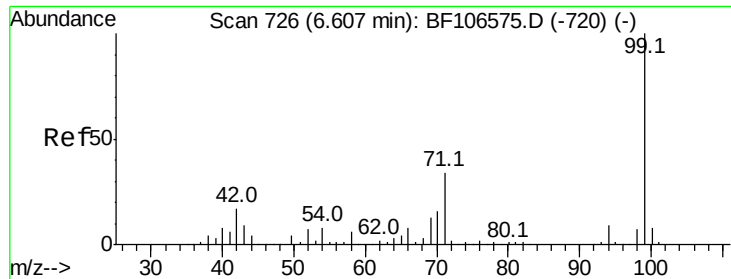
Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion:	93	Resp:	131402
Ion Ratio	Lower	Upper	
93	100		
66	50.9	32.2	48.2#
65	28.3	16.4	24.6#





#7

Phenol-d6

Concen: 104.297 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

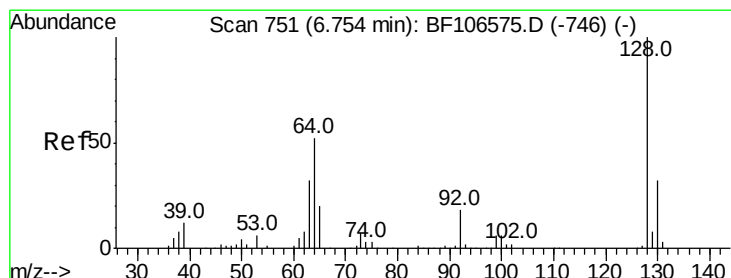
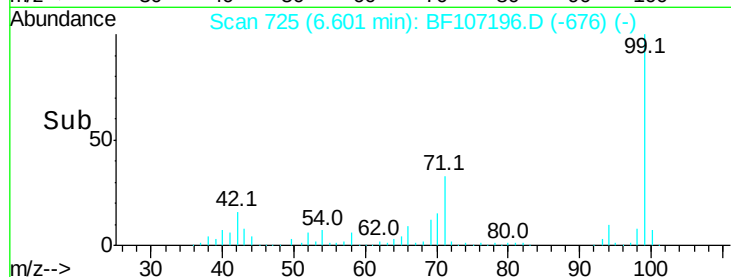
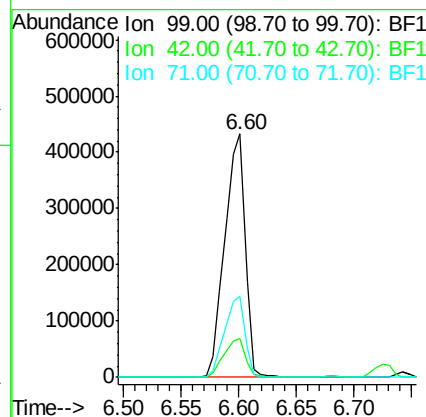
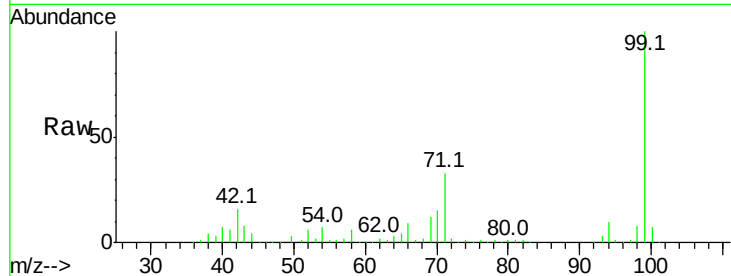
ClientSampleId :

PB110879BS

Tot Ion:	99	Resp:	532344
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.5	21.7
71	33.2	25.4	38.0

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



#8

2-Chlorophenol

Concen: 33.930 ng

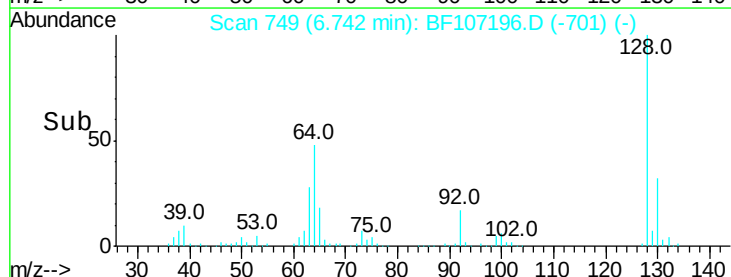
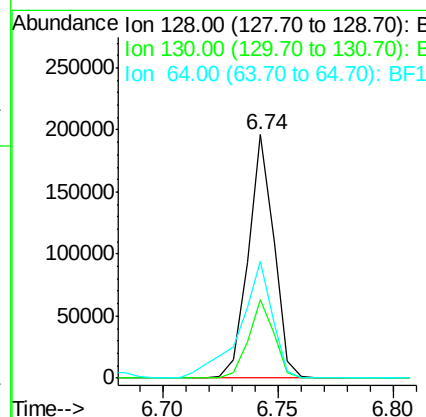
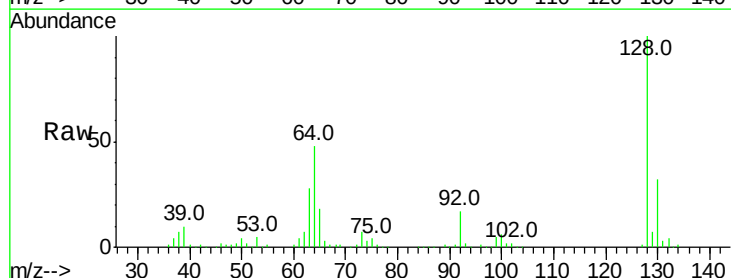
RT: 6.74 min Scan# 749

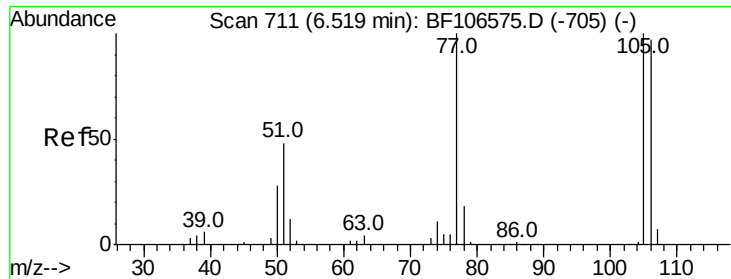
Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion:	128	Resp:	152106
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.0	53.0
64	48.0	29.4	69.4





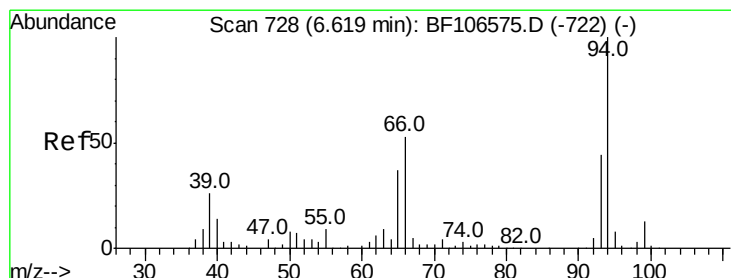
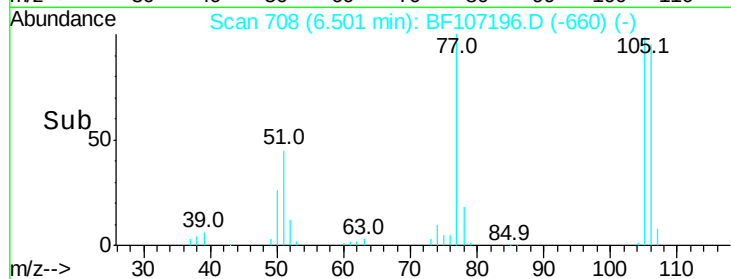
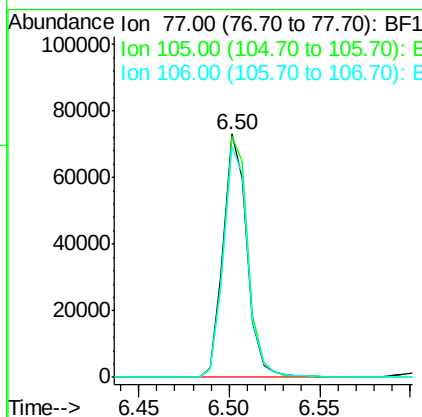
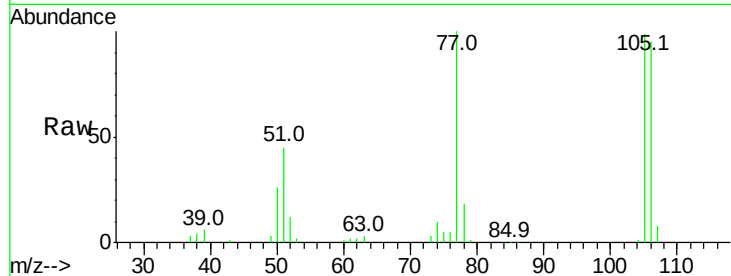
#9
Benzaldehyde
Concen: 16.429 ng
RT: 6.50 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion: 77 Resp: 66881
Ion Ratio Lower Upper
77 100
105 99.2 81.1 121.1
106 94.8 74.5 114.5

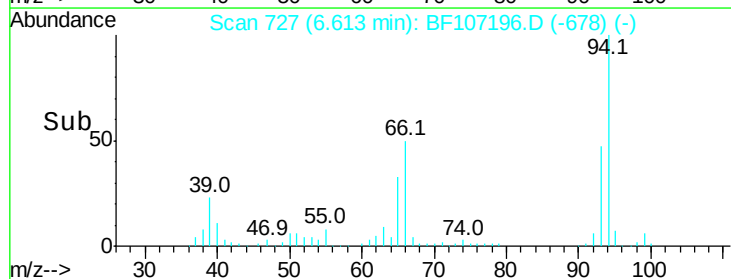
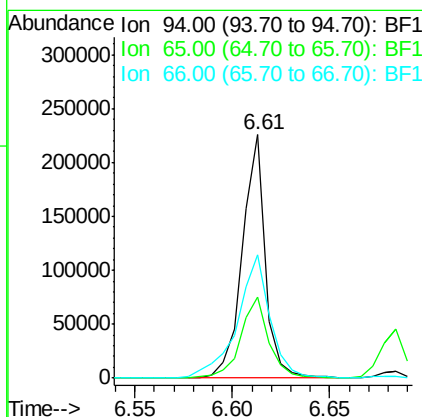
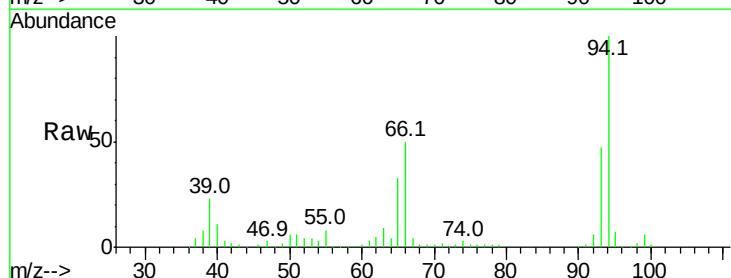
Manual Integrations
APPROVED

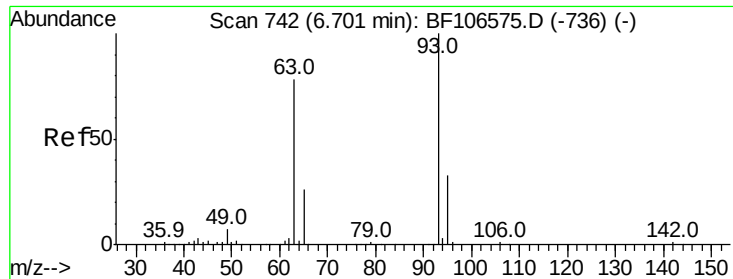
Sohil
7/9/2018 2:06:10 PM



#10
Phenol
Concen: 31.562 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion: 94 Resp: 183849
Ion Ratio Lower Upper
94 100
65 33.4 7.9 47.9
66 50.4 16.2 56.2





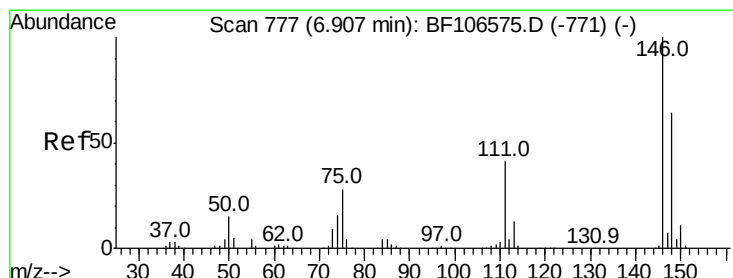
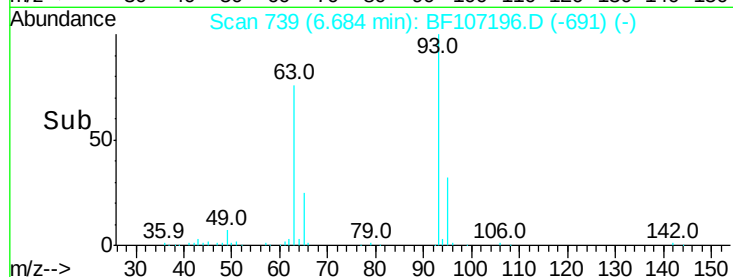
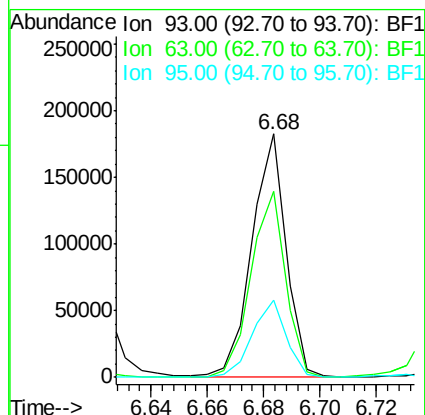
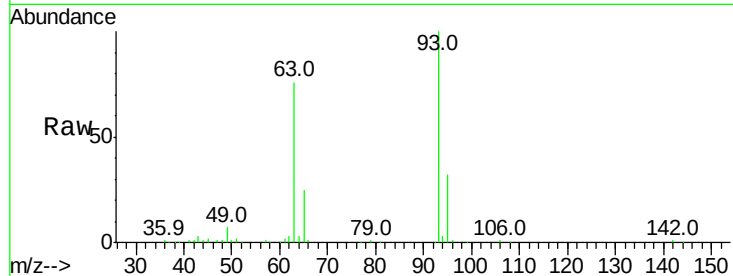
#11
bis(2-Chloroethyl)ether
Concen: 31.731 ng
RT: 6.68 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	93	Resp	152587
Ion Ratio	Lower	Upper	
93	100		
63	76.4	58.6	98.6
95	31.6	11.8	51.8

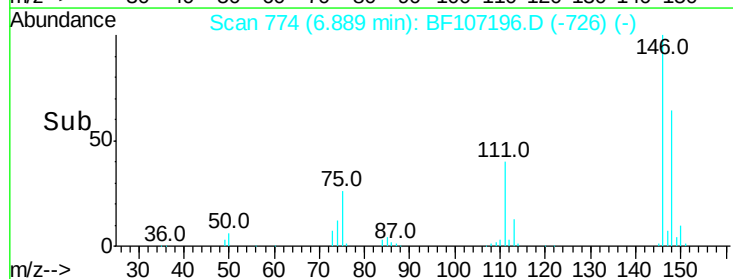
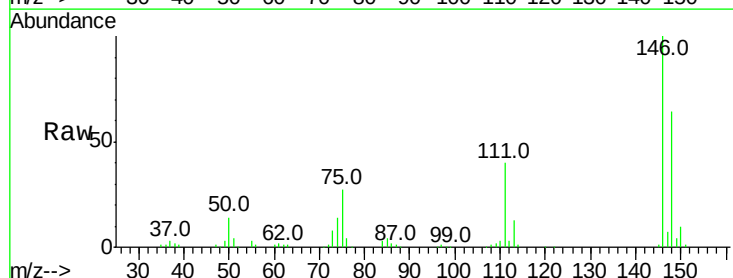
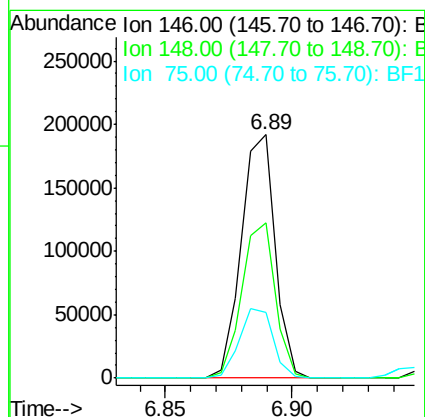
Manual Integrations
APPROVED

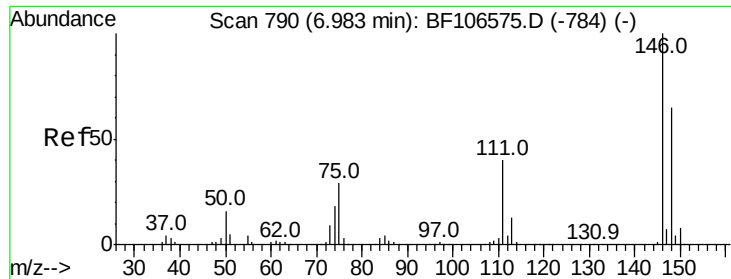
Sohil
7/9/2018 2:06:10 PM



#12
1,3-Dichlorobenzene
Concen: 33.878 ng
RT: 6.89 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	146	Resp	177878
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.8
75	27.0	24.2	36.4





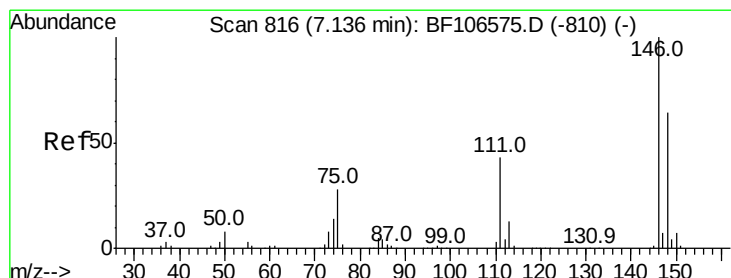
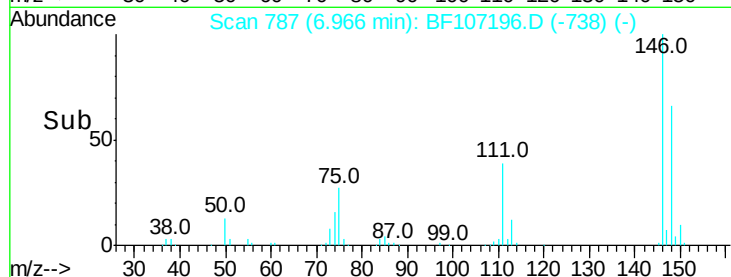
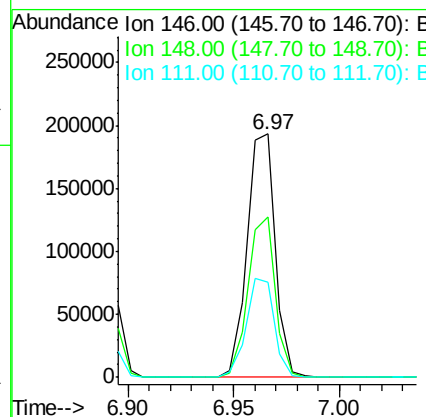
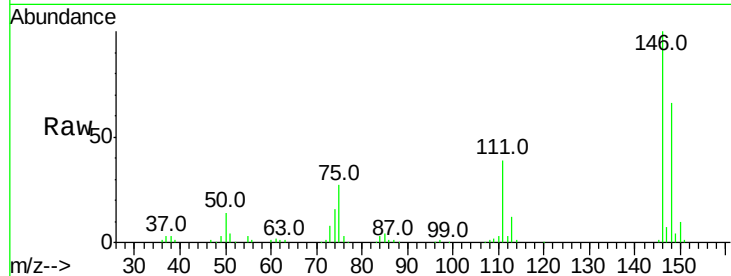
#13
 1,4-Dichlorobenzene
 Concen: 33.636 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampled :
 PB110879BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.8	76.2
111	39.3	34.2	51.2

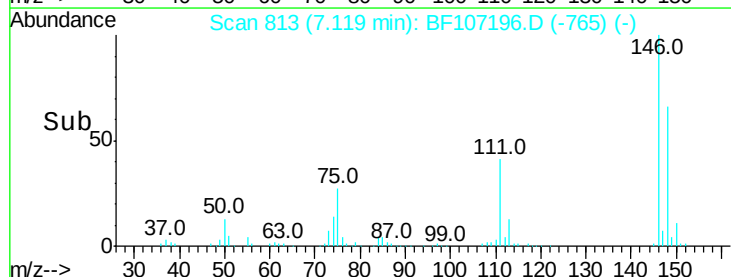
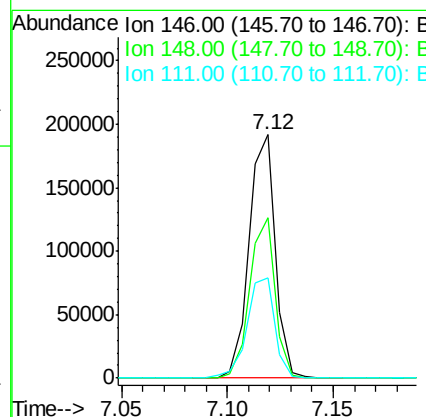
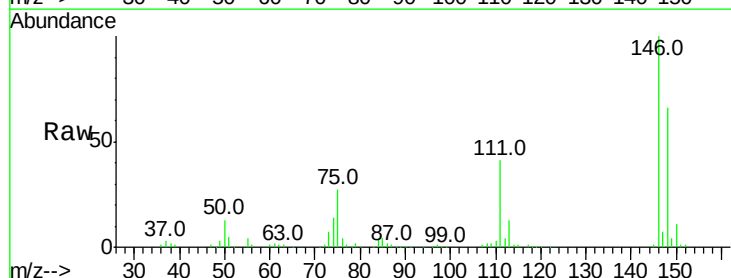
Manual Integrations
 APPROVED

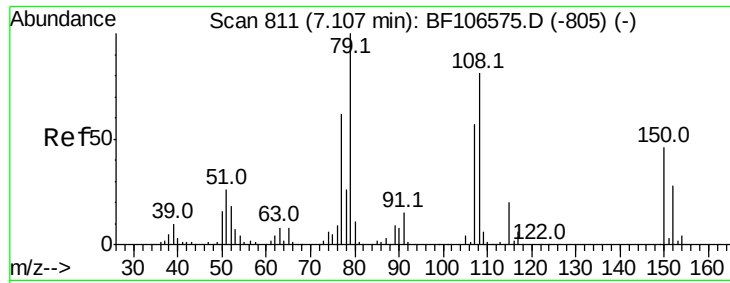
Sohil
 7/9/2018 2:06:10 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.825 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.6	75.8
111	41.1	36.0	54.0





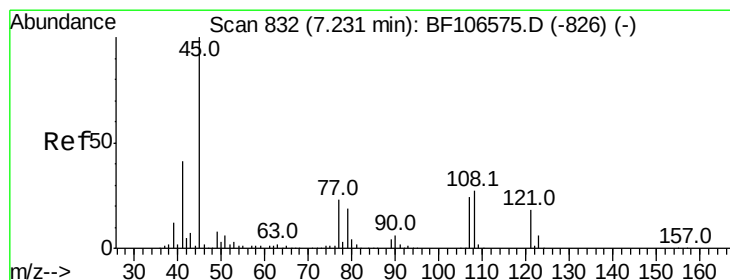
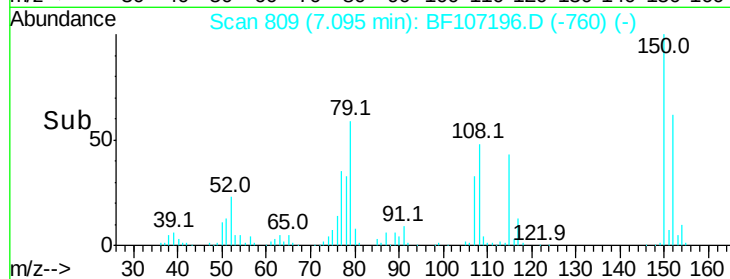
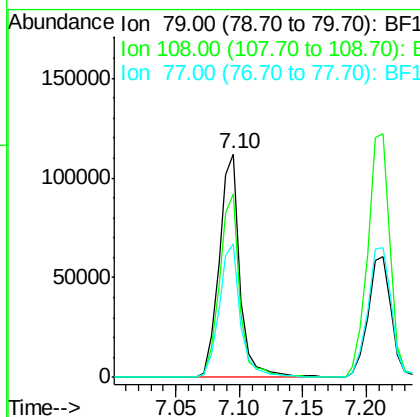
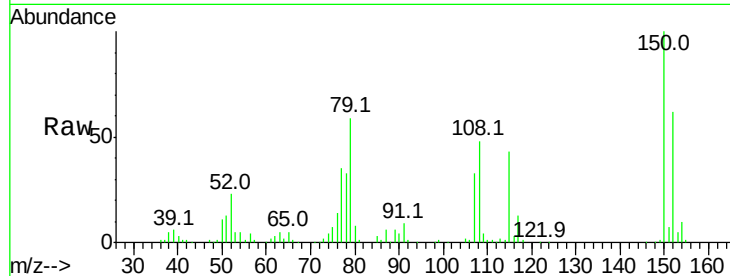
#15
Benzyl Alcohol
Concen: 31.188 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion:	79	Resp:	127822
Ion Ratio	Lower	Upper	
79	100		
108	82.0	65.1	97.7
77	59.4	50.6	75.8

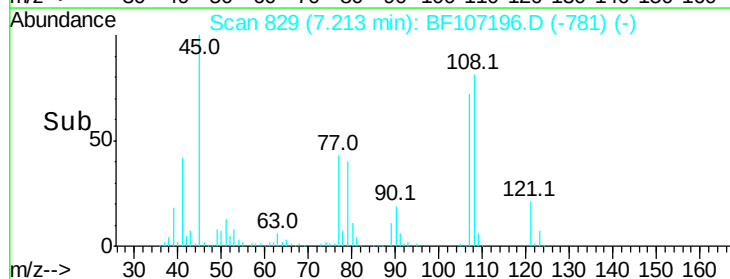
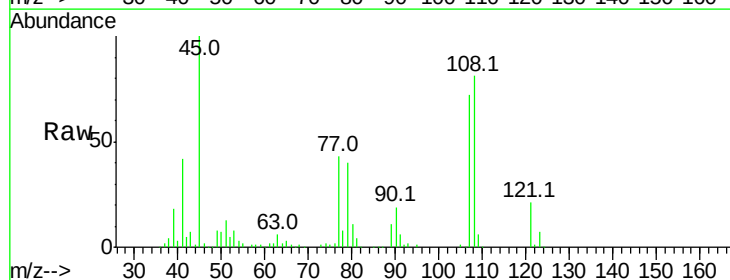
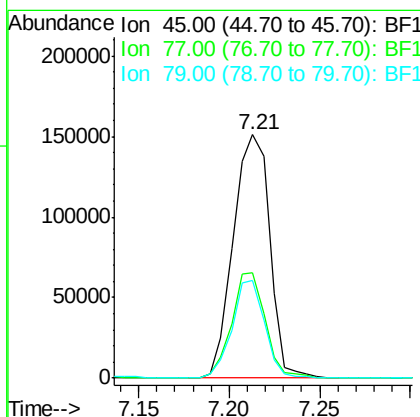
Manual Integrations
APPROVED

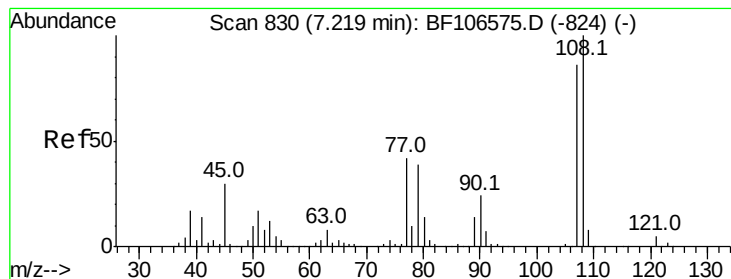
Sohil
7/9/2018 2:06:10 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.504 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion:	45	Resp:	211388
Ion Ratio	Lower	Upper	
45	100		
77	43.2	0.0	32.9#
79	40.0	0.0	29.6#





#17

2-Methylphenol

Concen: 34.103 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

Tot Ion:107 Resp: 130829

Ion Ratio Lower Upper

107 100

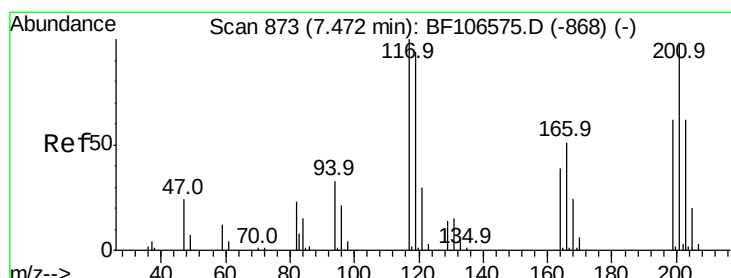
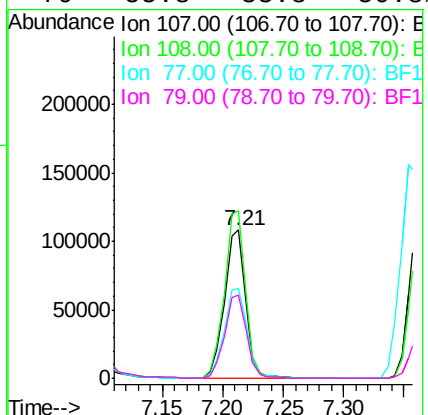
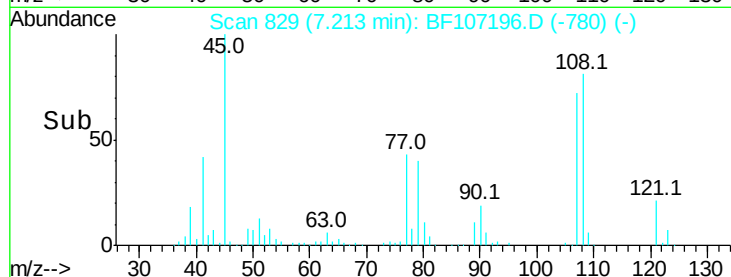
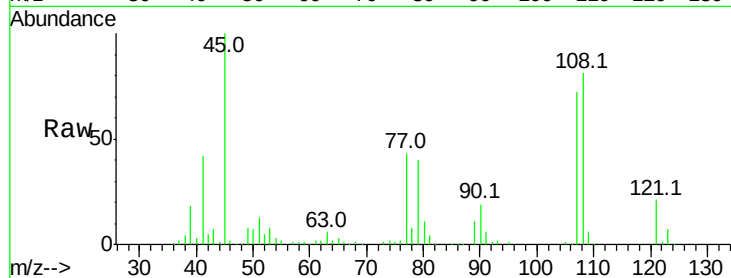
108 112.6 91.7 137.5

77 60.2 33.8 50.8#

79 55.8 33.8 50.8#

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



#18

Hexachloroethane

Concen: 32.495 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

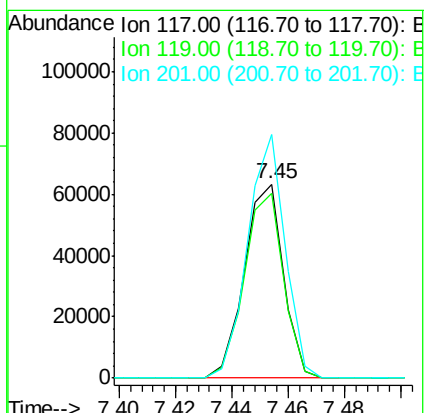
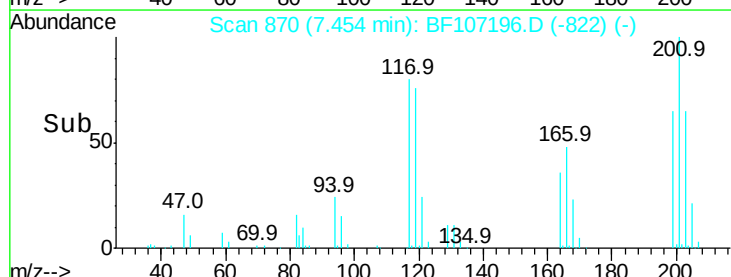
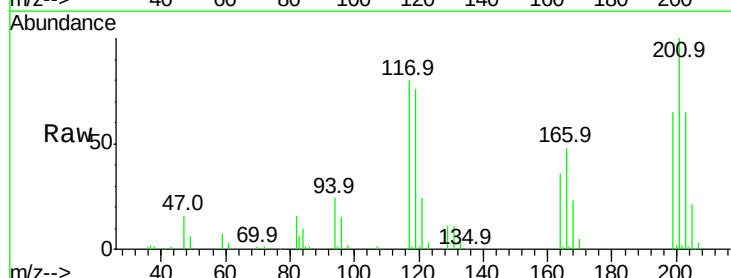
Tgt Ion:117 Resp: 60659

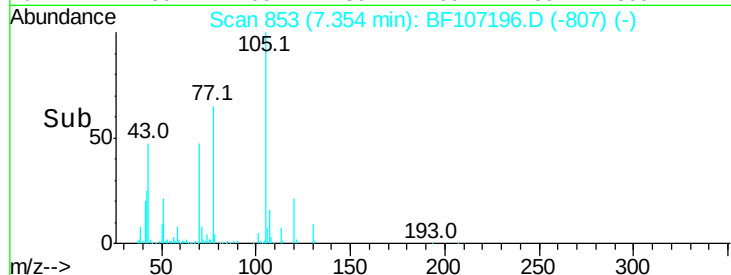
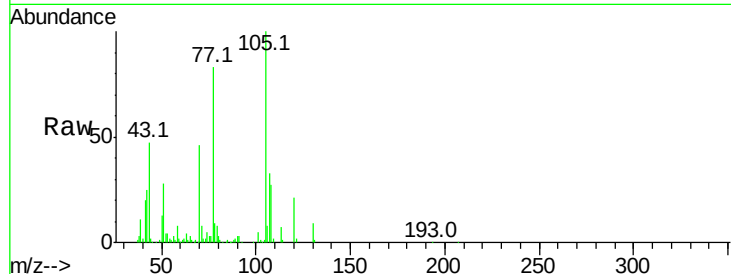
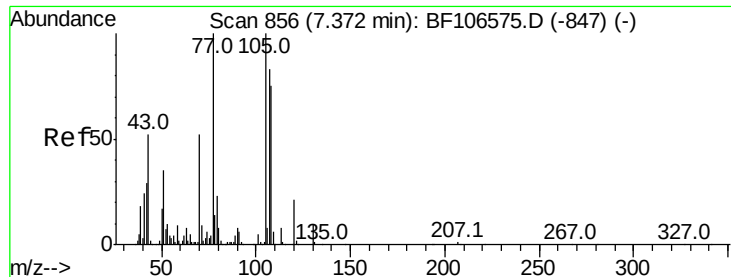
Ion Ratio Lower Upper

117 100

119 95.4 75.8 113.8

201 125.5 75.7 113.5#





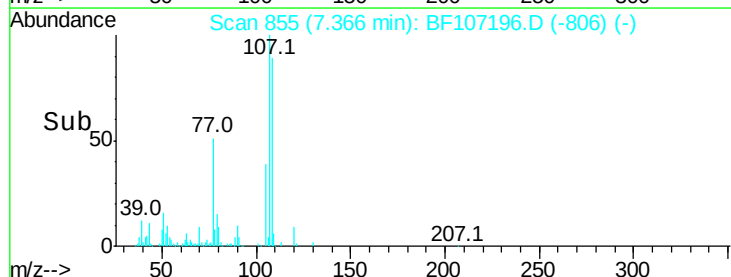
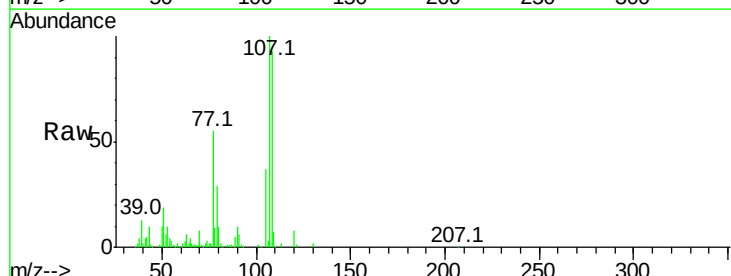
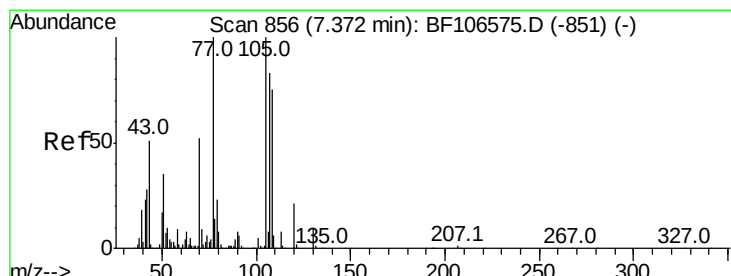
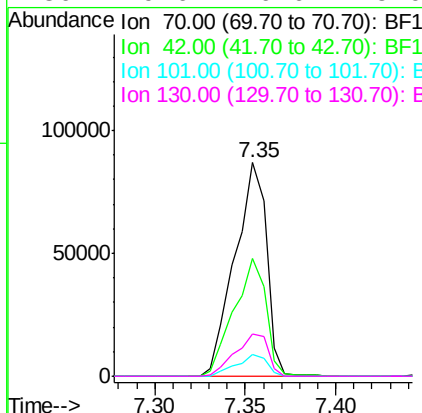
#19
n-Nitroso-di-n-propylamine
Concen: 31.494 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.9	47.5	71.3
101	10.3	7.4	11.2
130	19.6	16.6	25.0

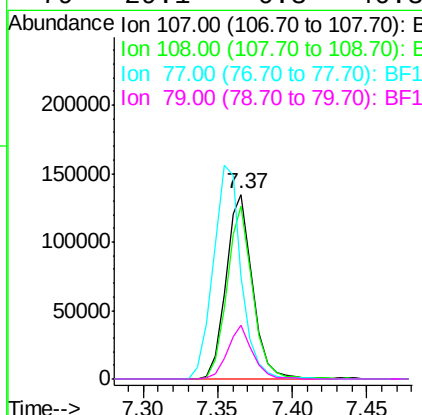
Manual Integrations
APPROVED

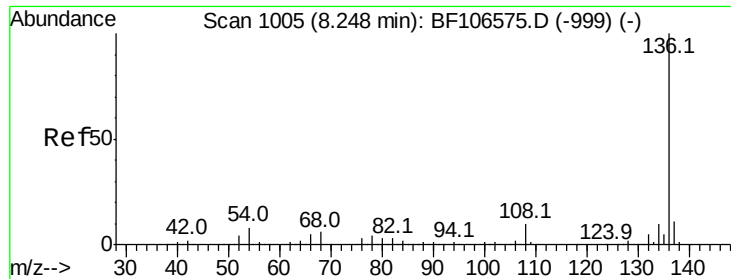
Sohil
7/9/2018 2:06:10 PM



#20
3+4-Methylphenols
Concen: 39.310 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.4	68.2	108.2
77	55.5	26.7	66.7
79	29.1	6.3	46.3





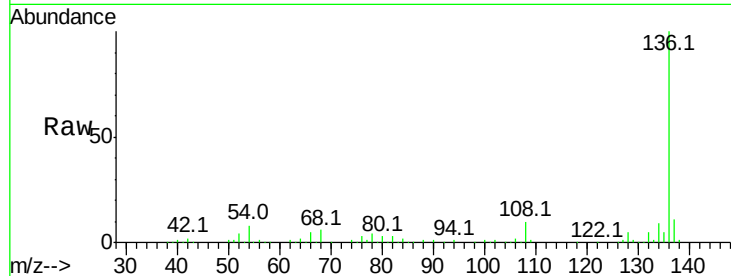
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

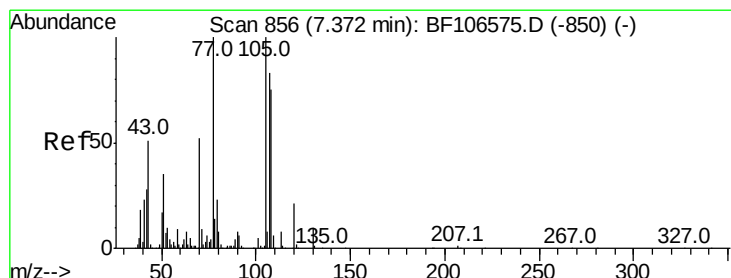
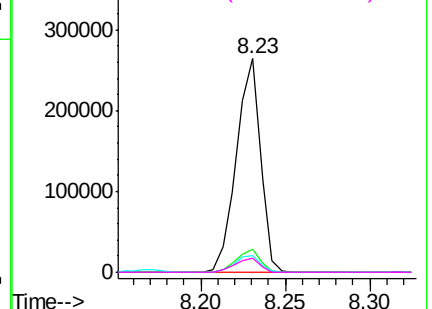
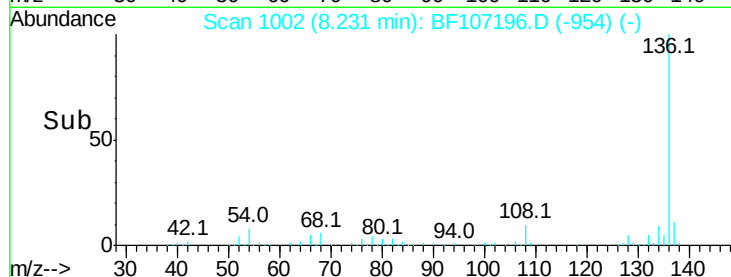
Tot Ion	Ratio	Resp	Lower	Upper
136	100	262349		
137	10.9		8.9	13.3
54	7.6		6.6	9.8
68	6.4		5.0	7.4

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM

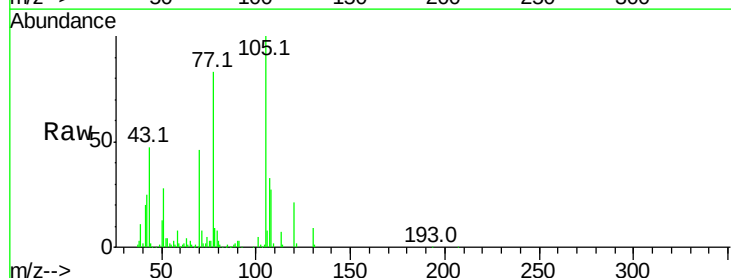


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

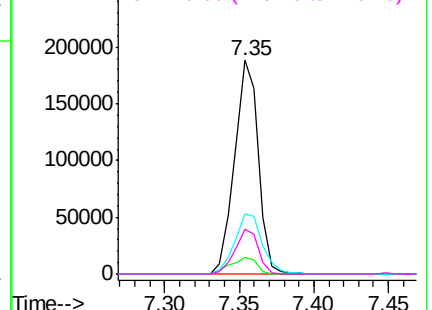
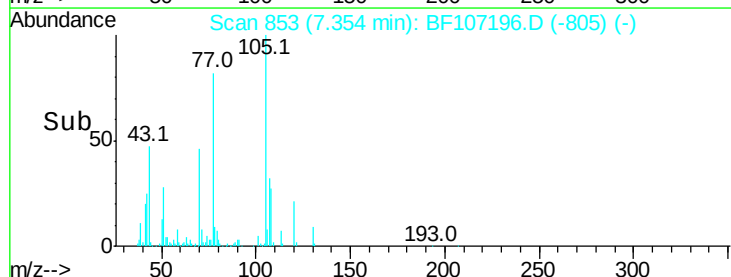


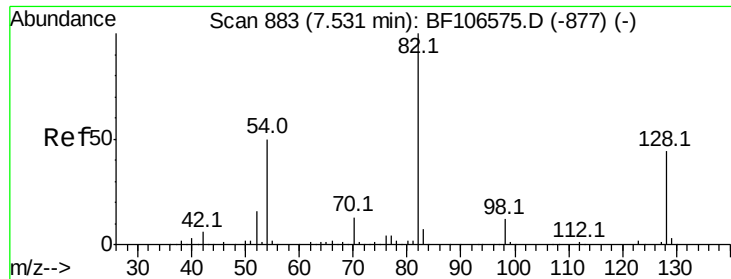
#22
Acetophenone
Concen: 36.042 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	211543		
71	7.8		4.4	6.6#
51	28.0		22.3	33.5
120	20.9		16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





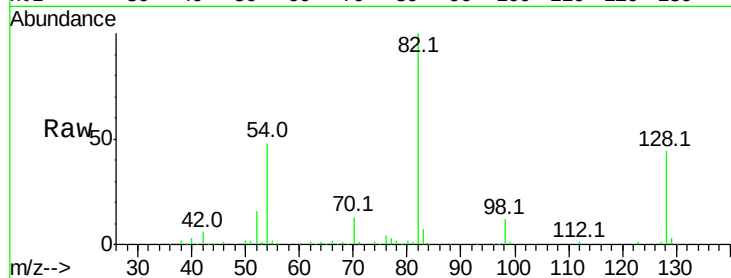
#23
Nitrobenzene-d5
Concen: 74.009 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampled :
PB110879BS

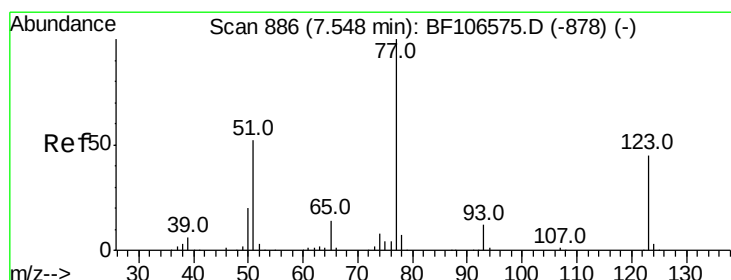
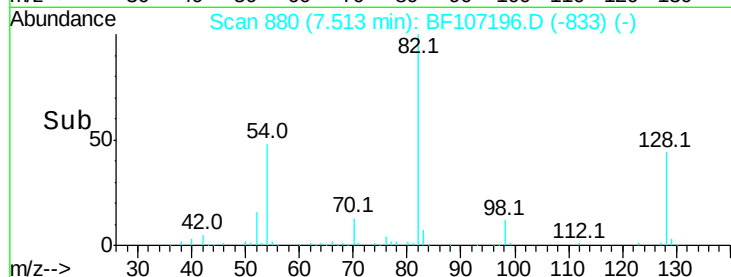
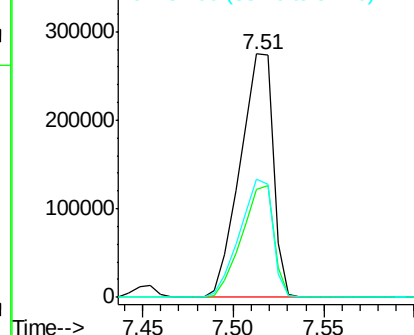
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.4	36.1	54.1	
54	48.4	41.4	62.2	

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM

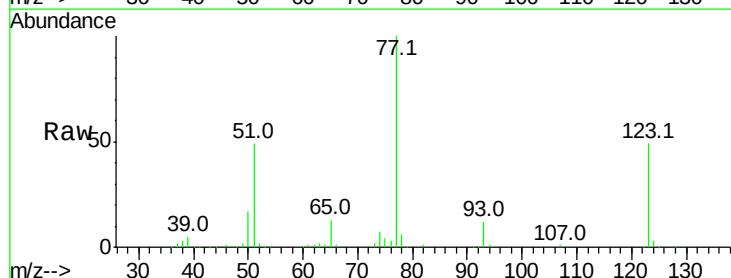


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

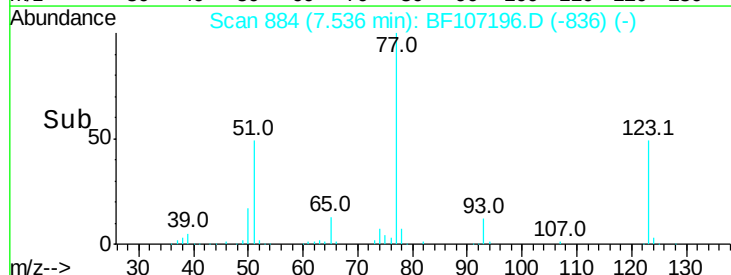
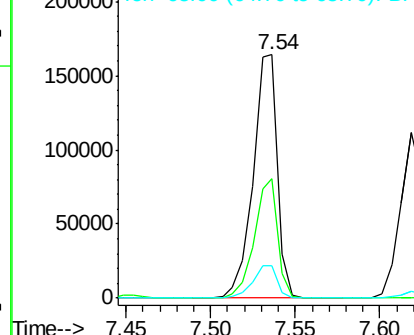


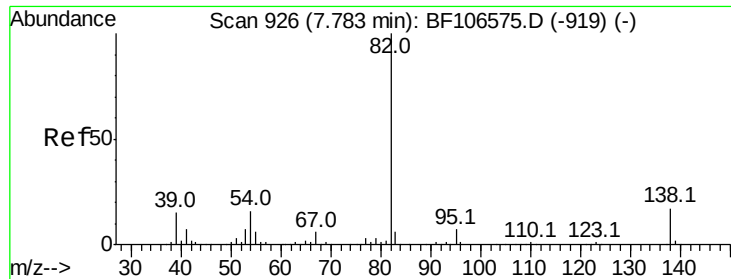
#24
Nitrobenzene
Concen: 34.433 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.1	37.9	56.9	
65	13.2	11.0	16.4	



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.460 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

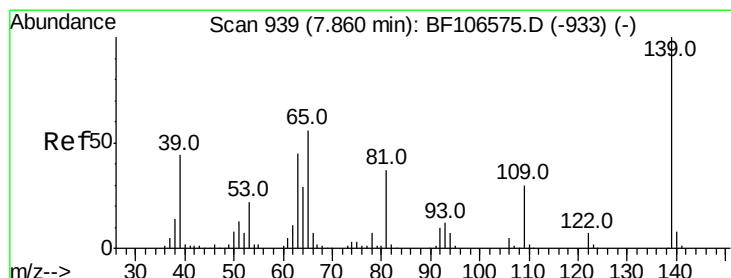
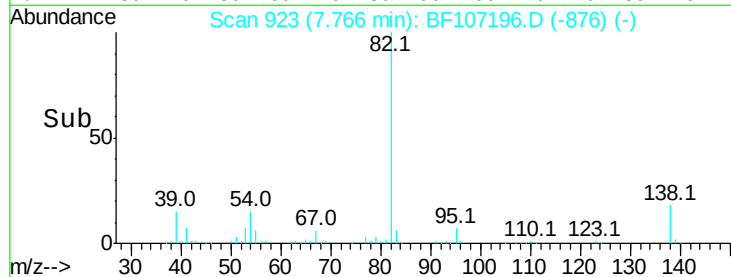
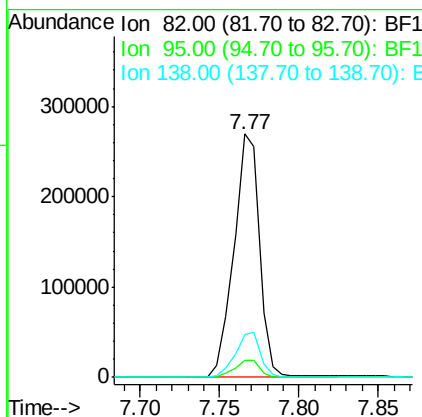
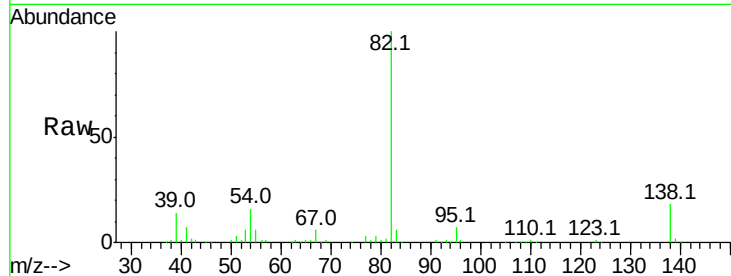
ClientSampleId :

PB110879BS

Tot Ion:	82	Resp:	303298
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.2	7.8
138	17.5	14.9	22.3

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



#26

2-Nitrophenol

Concen: 38.405 ng

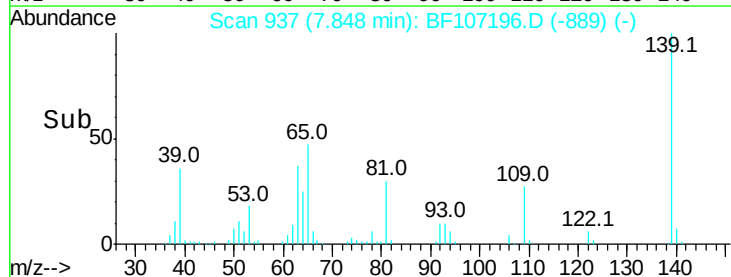
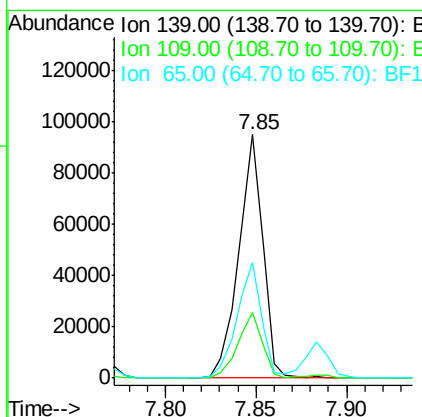
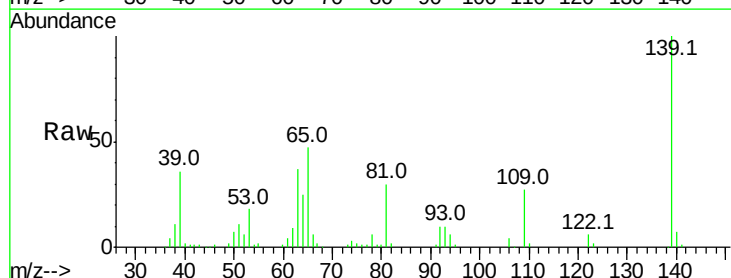
RT: 7.85 min Scan# 937

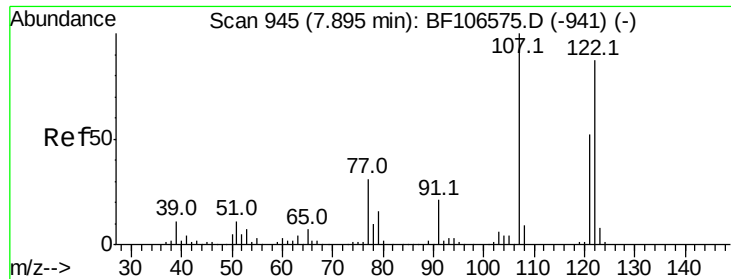
Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion:	139	Resp:	87379
Ion Ratio		Lower	Upper
139	100		
109	26.8	22.7	34.1
65	47.3	40.5	60.7





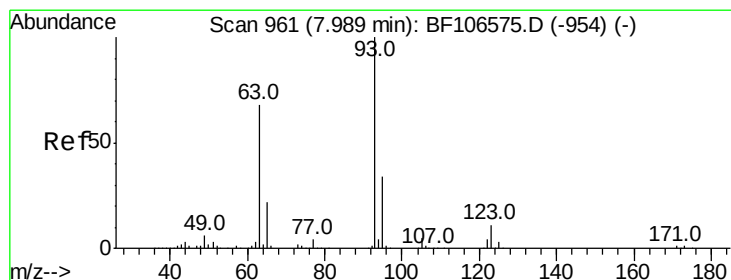
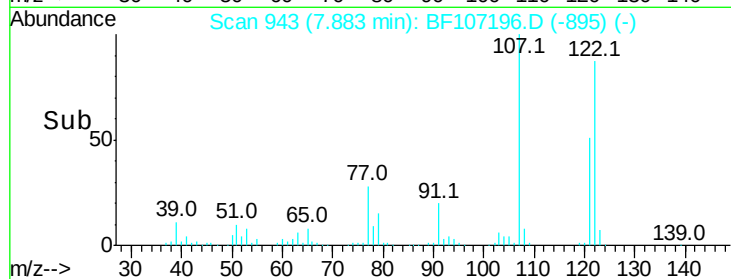
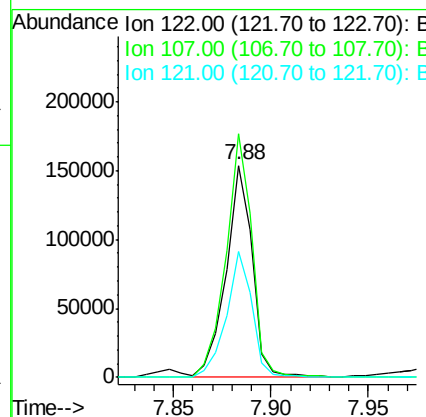
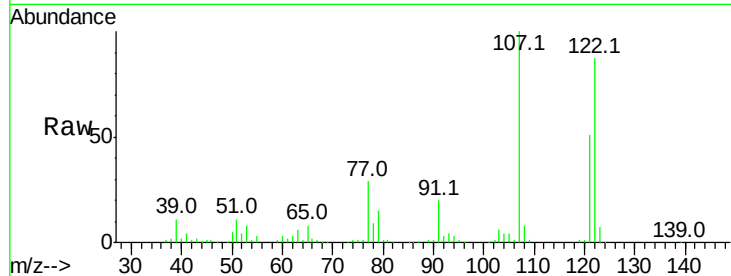
#27
2,4-Dimethylphenol
Concen: 40.755 ng
RT: 7.88 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	143325		
107	115.0	91.2	136.8	
121	59.2	47.2	70.8	

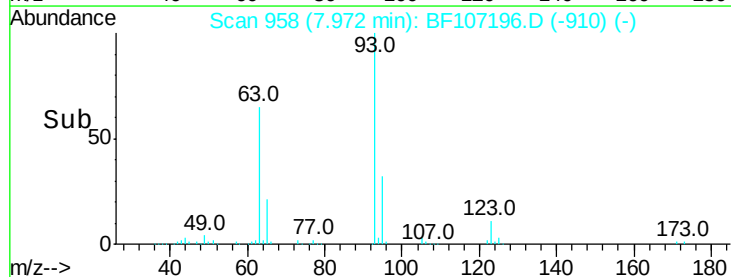
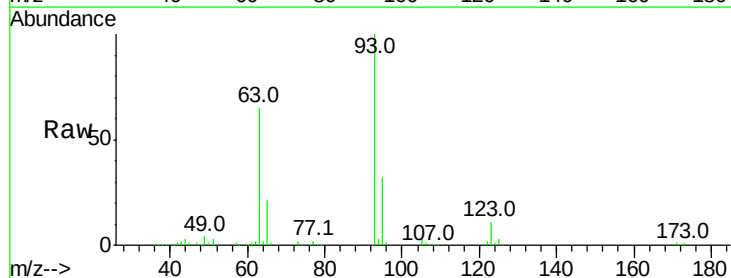
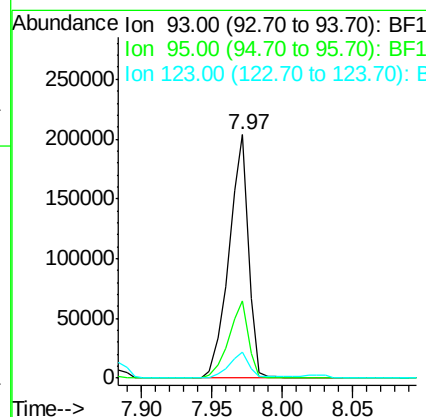
Manual Integrations
APPROVED

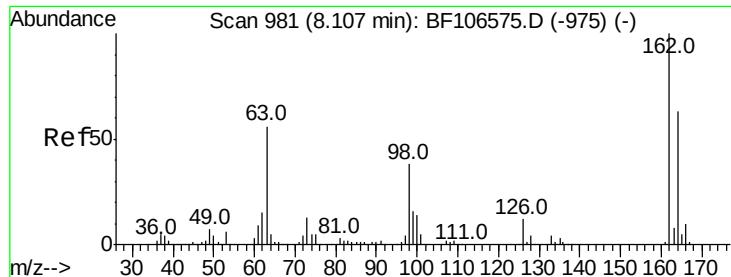
Sohil
7/9/2018 2:06:10 PM



#28
bis(2-Chloroethoxy)methane
Concen: 34.903 ng
RT: 7.97 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	194945		
95	31.7	26.3	39.5	
123	10.9	9.8	14.6	





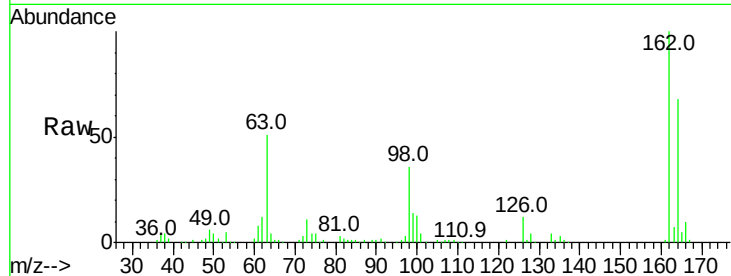
#29
 2,4-Dichlorophenol
 Concen: 39.777 ng
 RT: 8.10 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

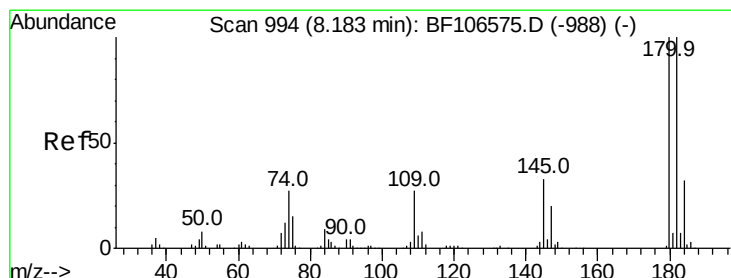
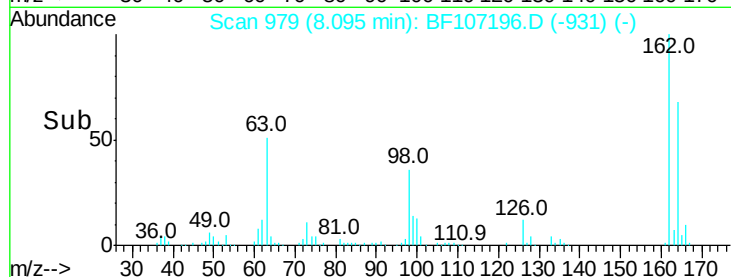
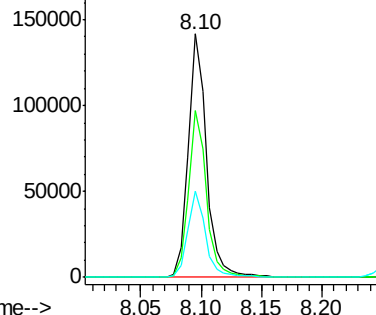
Tot Ion	Ratio	Resp	Lower	Upper
162	100	146449		
164	68.3	42.7	82.7	
98	35.6	18.1	58.1	

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:10 PM



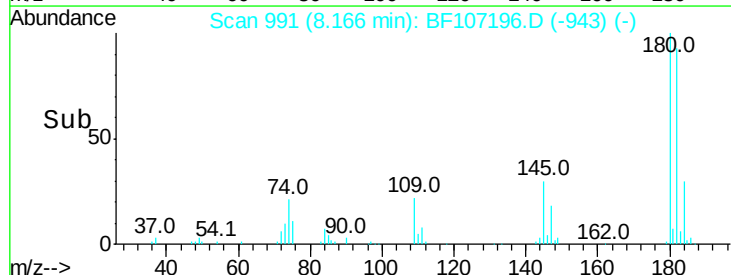
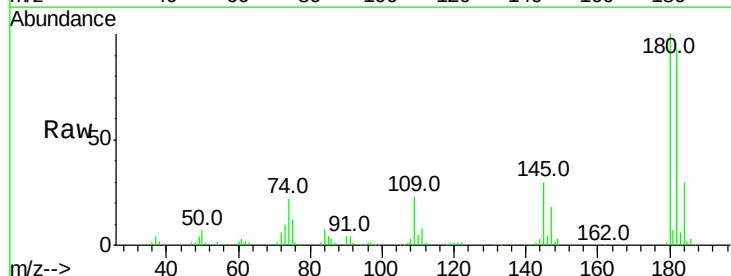
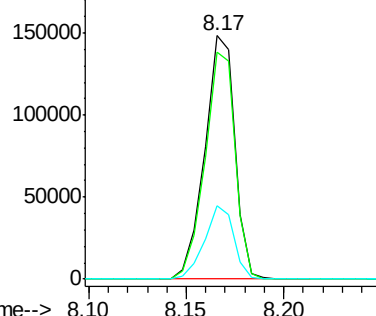
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

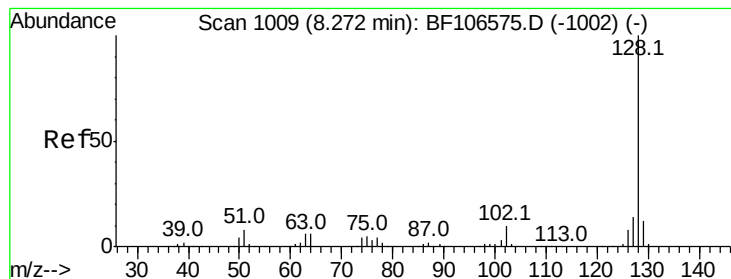


#30
 1,2,4-Trichlorobenzene
 Concen: 39.039 ng
 RT: 8.17 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	158339		
182	93.3	76.8	115.2	
145	30.2	26.5	39.7	

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





#31

Naphthalene

Concen: 36.551 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

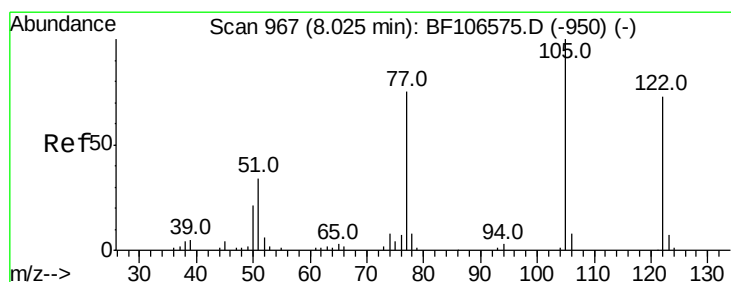
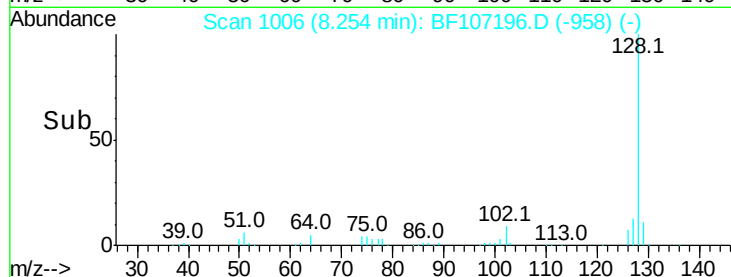
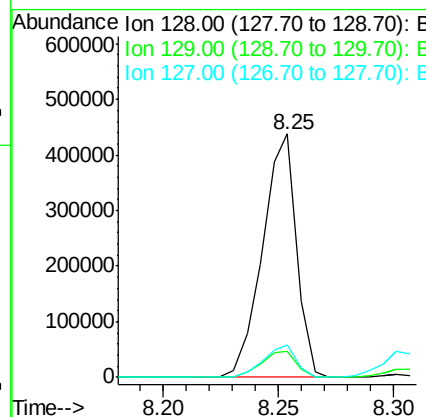
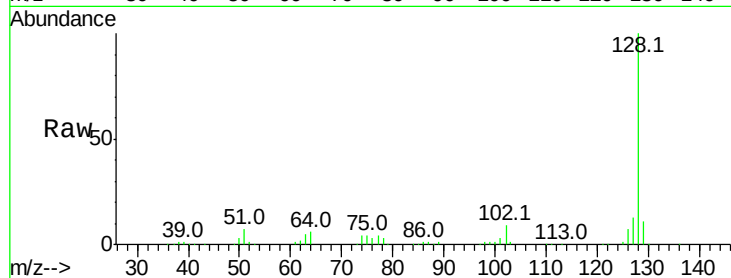
ClientSampleId :

PB110879BS

Tot Ion:	128	Resp:	448318
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.8	13.2
127	13.4	10.9	16.3

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



#32

Benzoic acid

Concen: 30.878 ng m

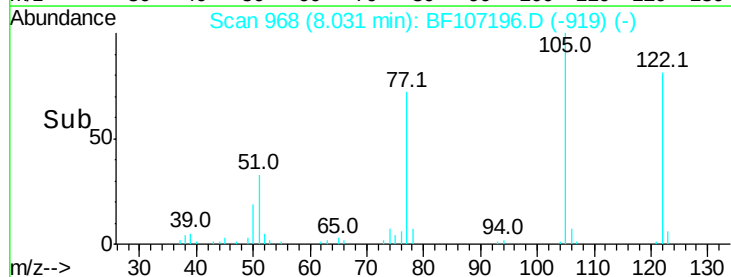
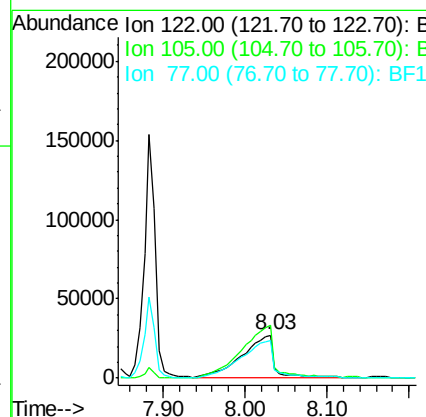
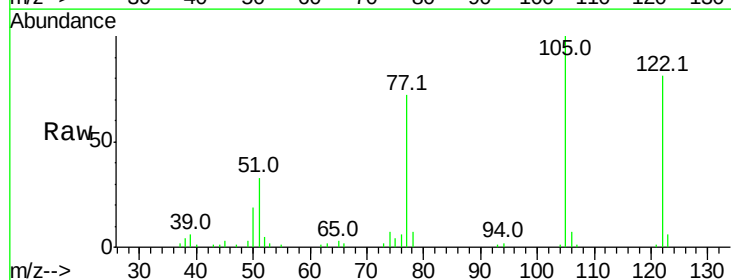
RT: 8.03 min Scan# 968

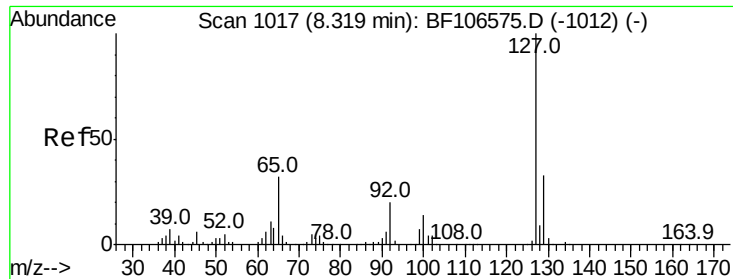
Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion:	122	Resp:	73048
Ion Ratio	Lower	Upper	
122	100		
105	123.1	101.1	141.1
77	88.7	70.7	110.7





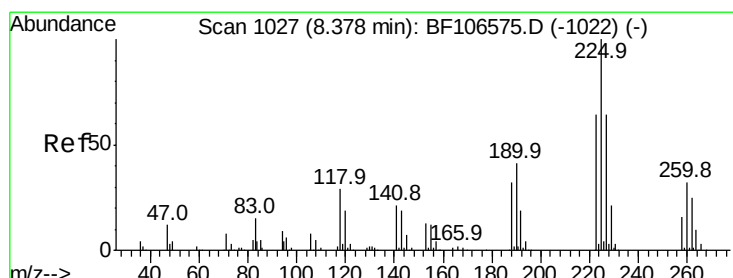
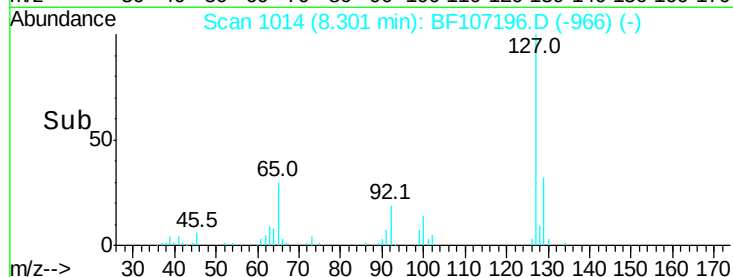
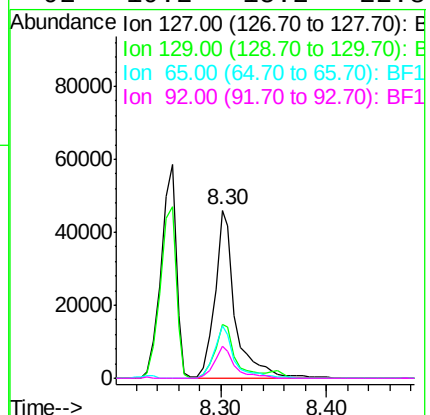
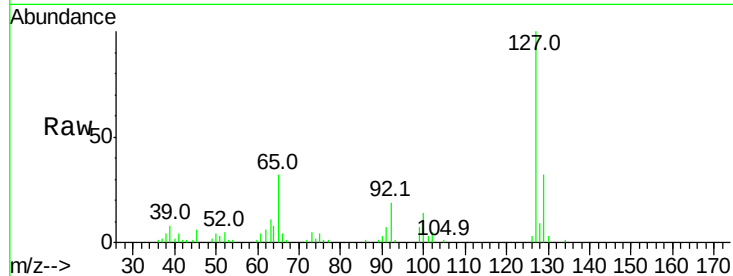
#33
4-Chloroaniline
Concen: 12.191 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	31.6	25.0	37.4
92	19.2	15.2	22.8

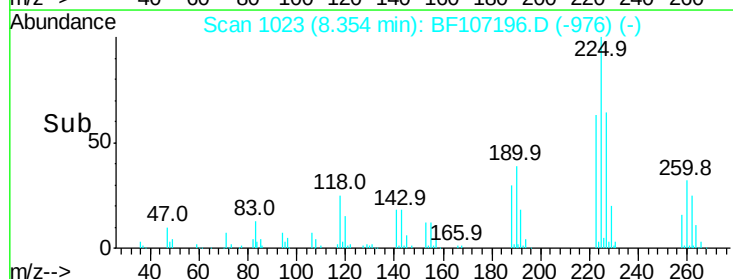
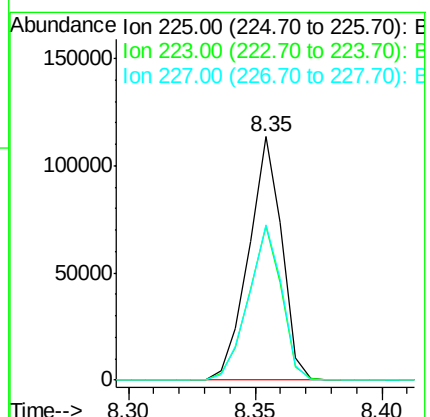
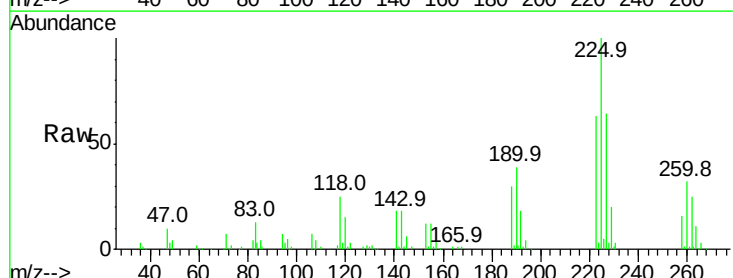
Manual Integrations
APPROVED

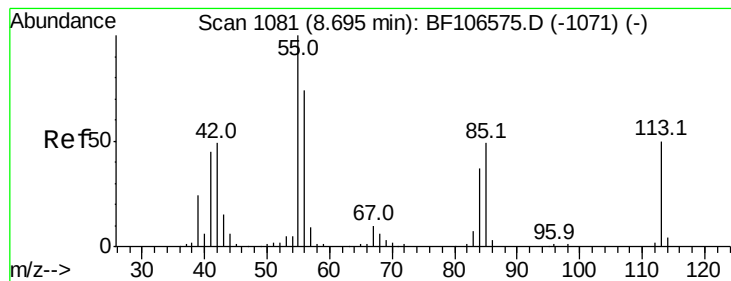
Sohil
7/9/2018 2:06:10 PM



#34
Hexachlorobutadiene
Concen: 38.825 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	63.9	51.9	77.9





#35

Caprolactam

Concen: 37.604 ng/mL

RT: 8.68 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampled :

PB110879BS

Tot Ion:113 Resp: 45130

Ion Ratio Lower Upper

113 100

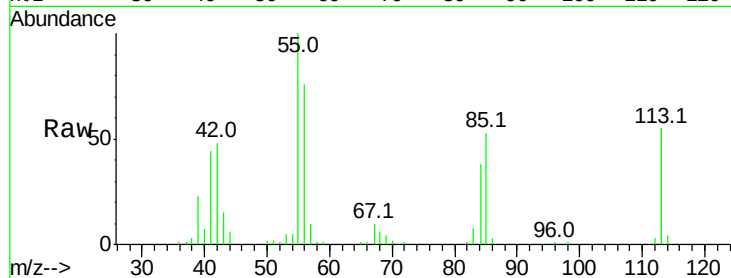
55 182.8 163.3 203.3

56 138.8 115.7 155.7

Manual Integrations
APPROVED

Sohil

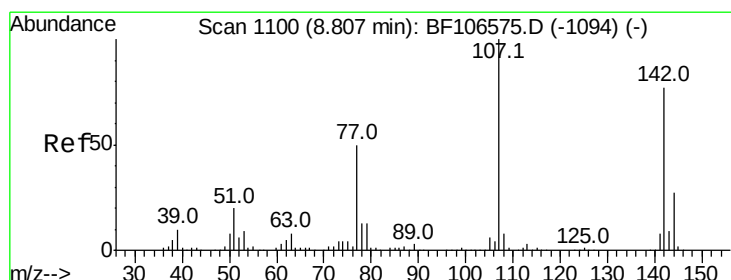
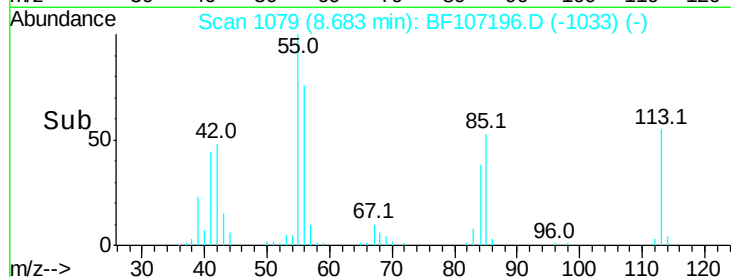
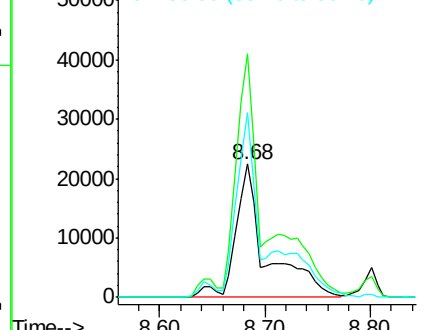
7/9/2018 2:06:10 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.715 ng/mL

RT: 8.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

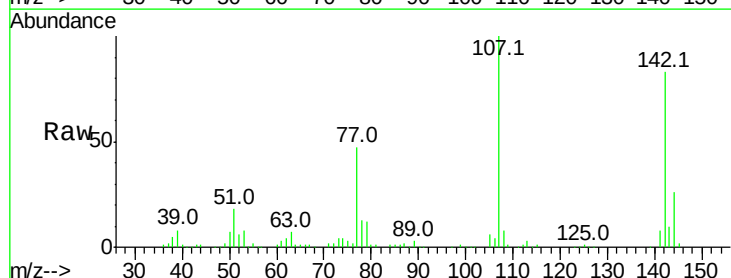
Tgt Ion:107 Resp: 146159

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

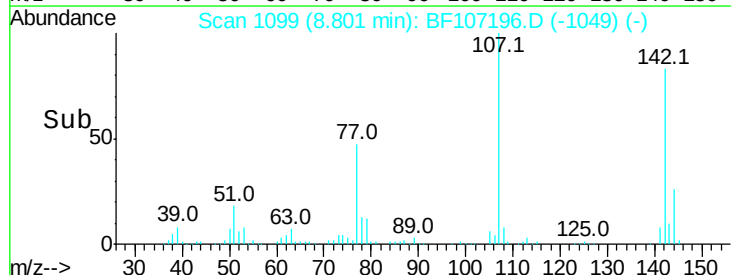
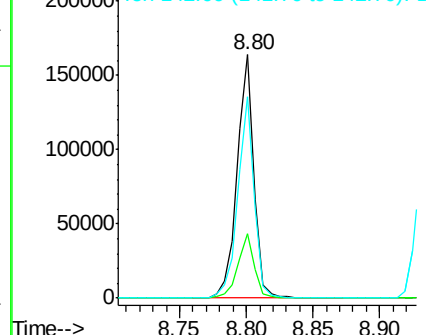
142 82.7 62.0 93.0

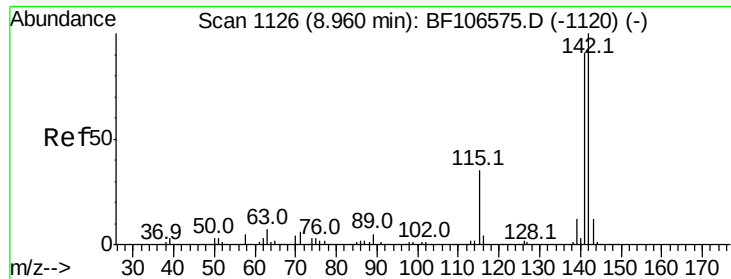


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





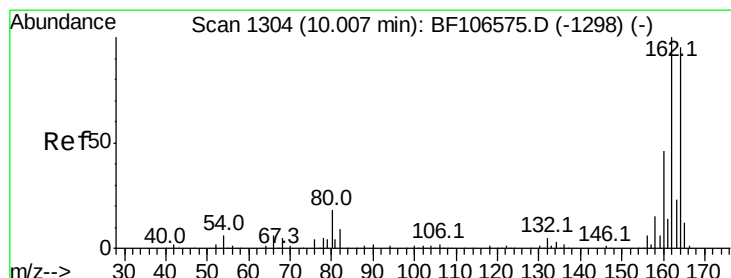
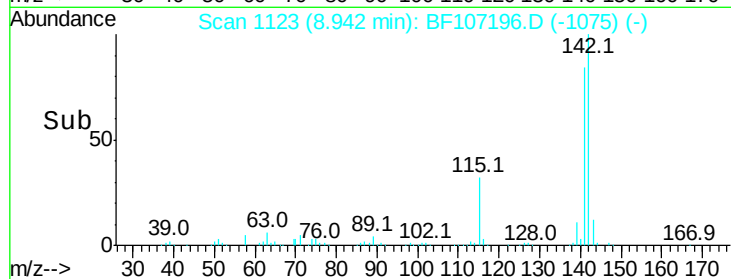
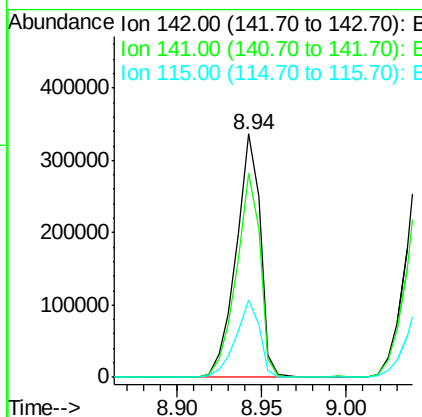
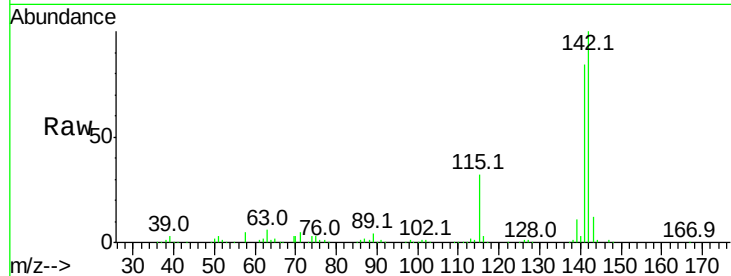
#37
2-Methylnaphthalene
Concen: 41.146 ng
RT: 8.94 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	334511		
141	83.8	70.8	106.2	
115	31.8	26.1	39.1	

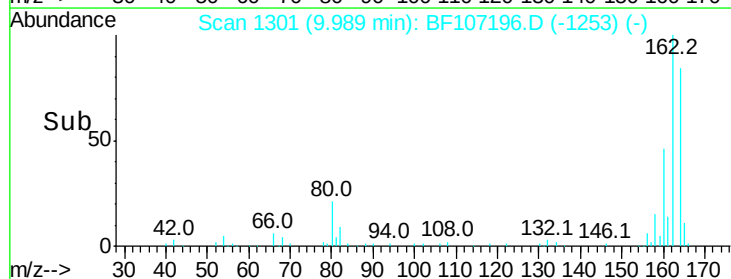
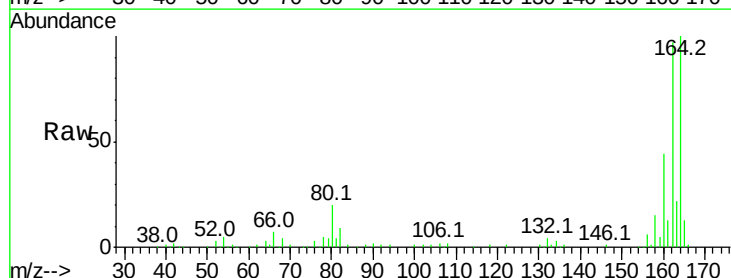
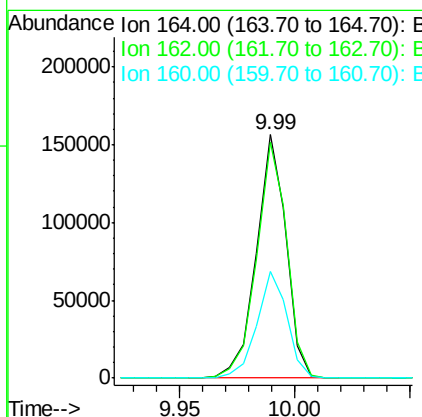
Manual Integrations
APPROVED

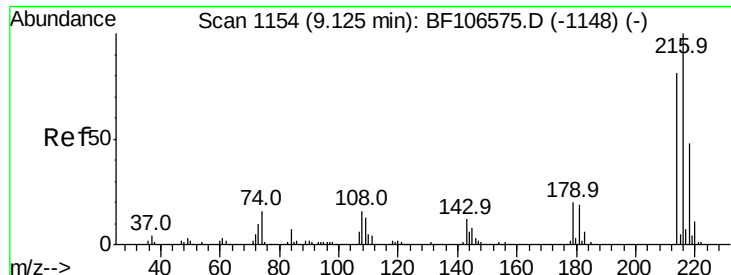
Sohil
7/9/2018 2:06:10 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	140762		
162	96.7	86.1	129.1	
160	43.6	38.3	57.5	





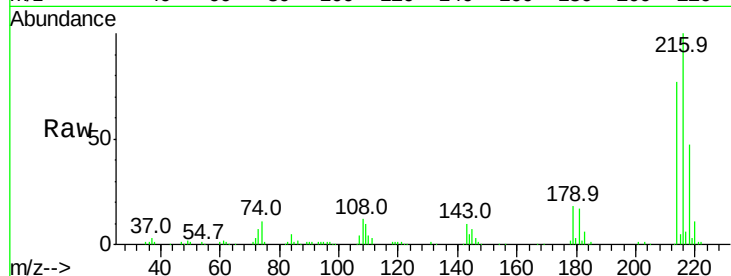
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.272 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

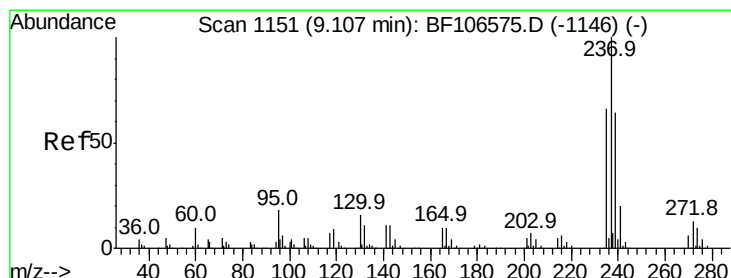
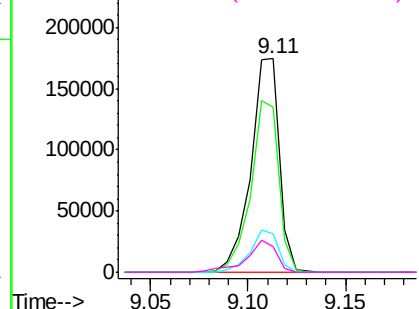
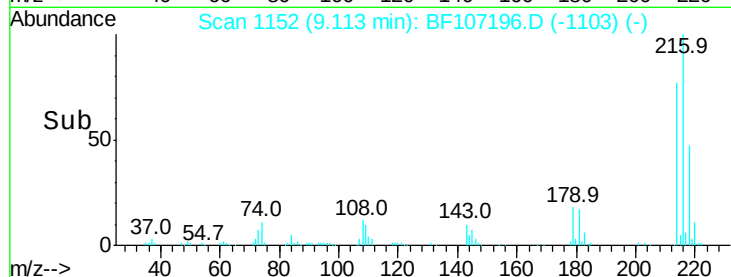
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	63.0	94.4
179	19.2	18.1	27.1
108	15.4	17.2	25.8#

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:10 PM

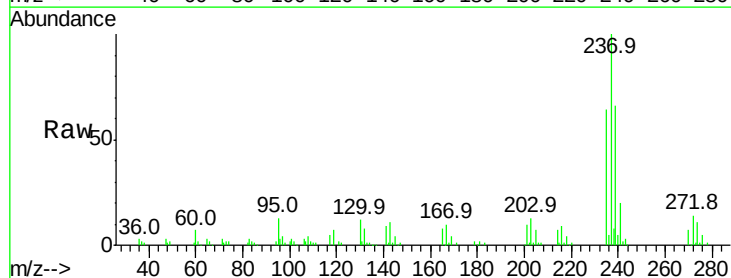


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

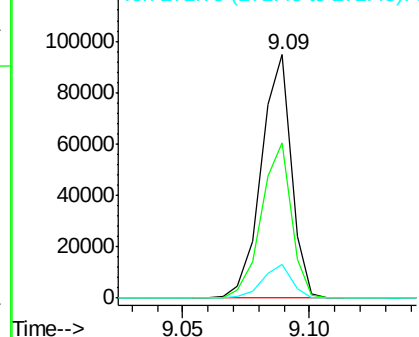
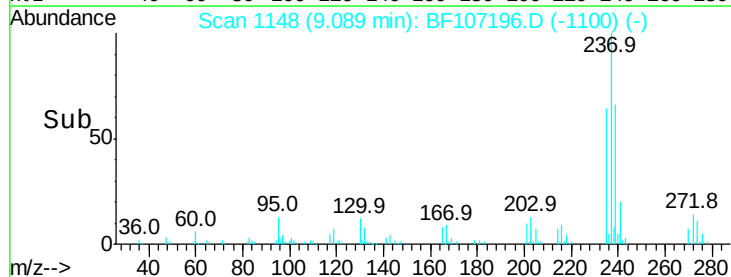


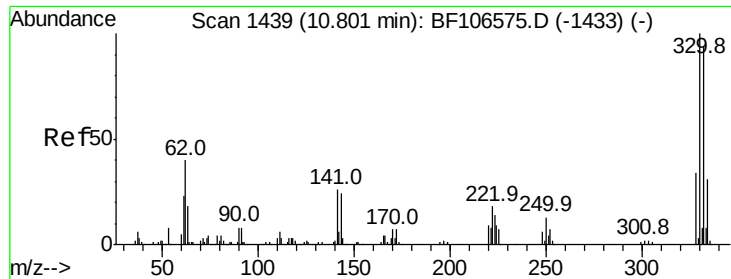
#40
 Hexachlorocyclopentadiene
 Concen: 32.263 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.7	44.8	84.8
272	13.8	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: 118.362 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

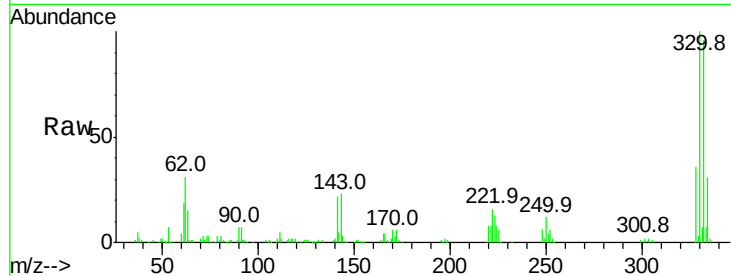
ClientSampleId :

PB110879BS

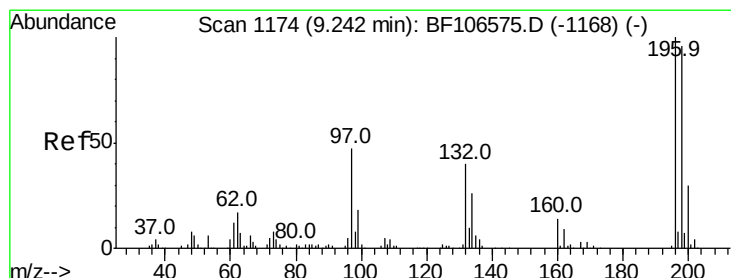
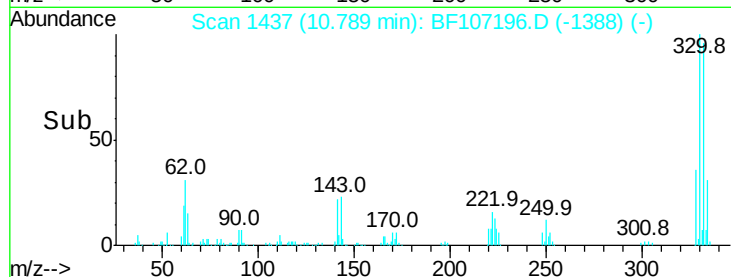
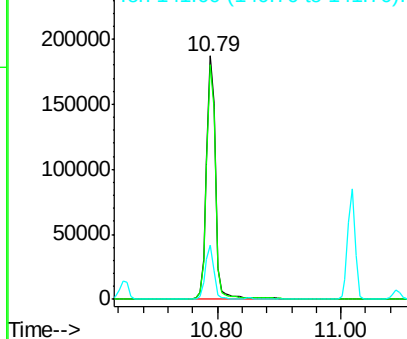
Tot Ion:	330	Resp:	193104
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.0	115.6
141	21.4	29.9	44.9#

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 31.537 ng

RT: 9.23 min Scan# 1172

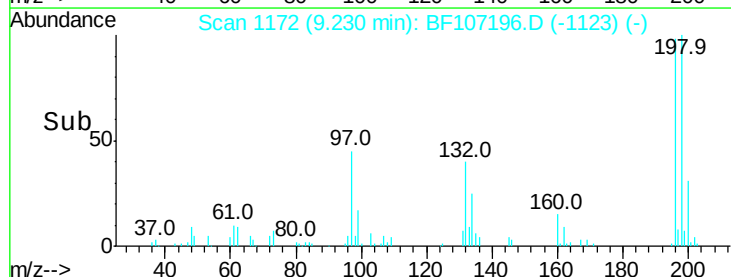
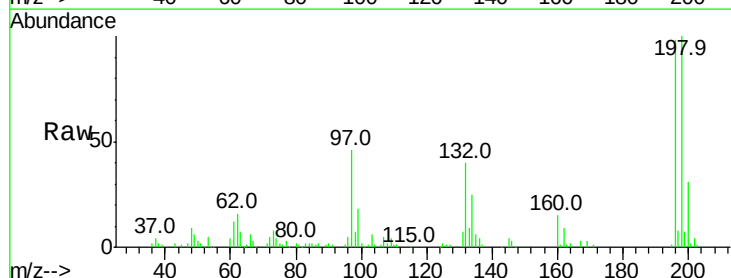
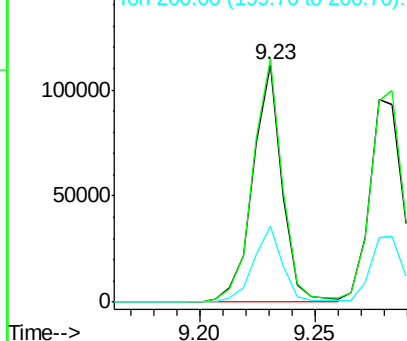
Delta R.T. -0.01 min

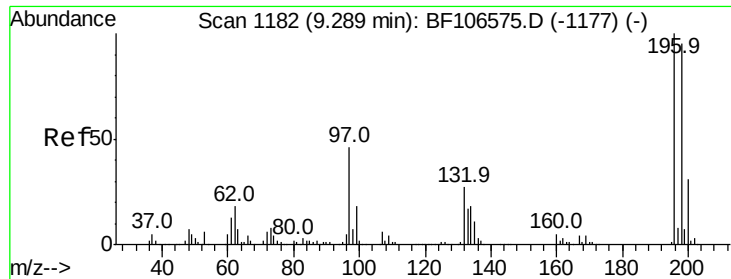
Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion:	196	Resp:	99374
Ion Ratio	Lower	Upper	
196	100		
198	102.5	75.7	113.5
200	32.1	24.5	36.7

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





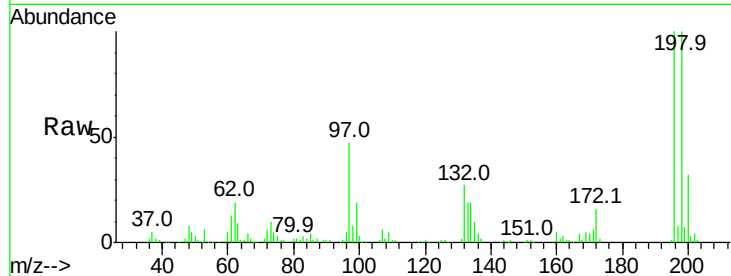
#43
 2,4,5-Trichlorophenol
 Concen: 30.991 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tot Ion	196	Resp	101898
Ion Ratio	Lower	Upper	
196	100		
198	99.6	74.6	112.0
97	46.6	42.9	64.3
132	27.4	26.3	39.5

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:10 PM



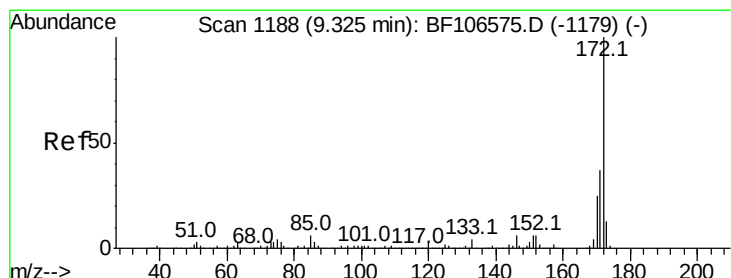
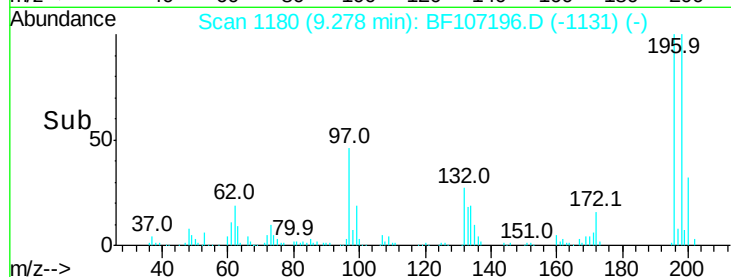
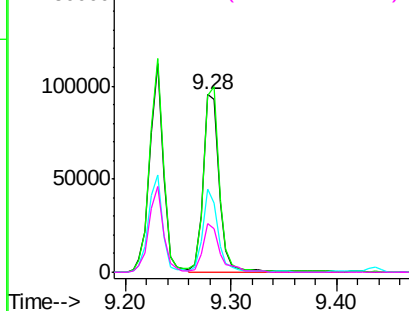
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.779 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

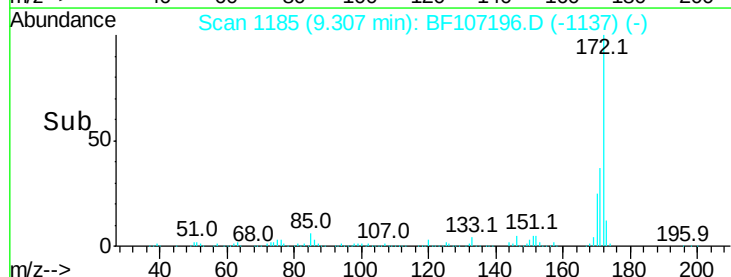
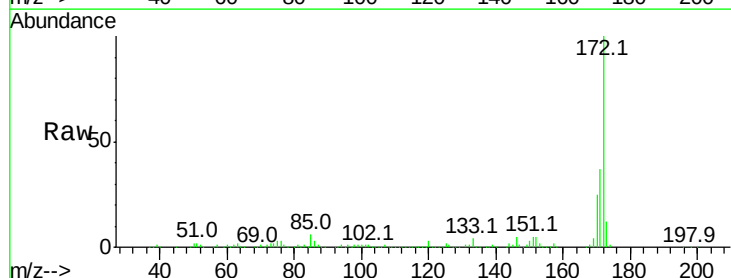
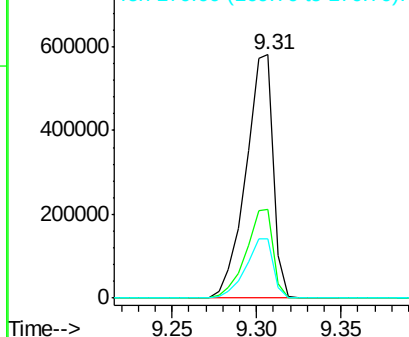
Tgt Ion	172	Resp	657248
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	24.6	19.6	29.4

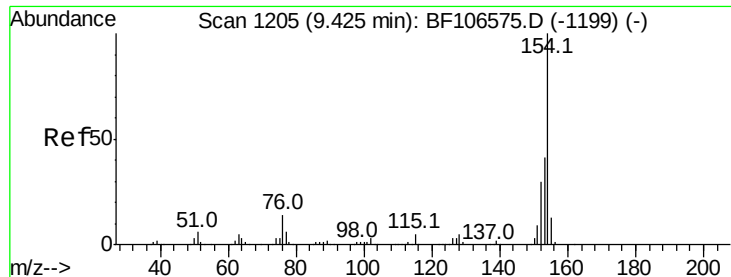
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.026 ng

RT: 9.41 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

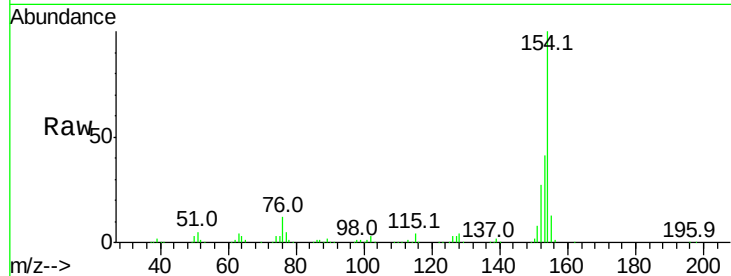
ClientSampleId :

PB110879BS

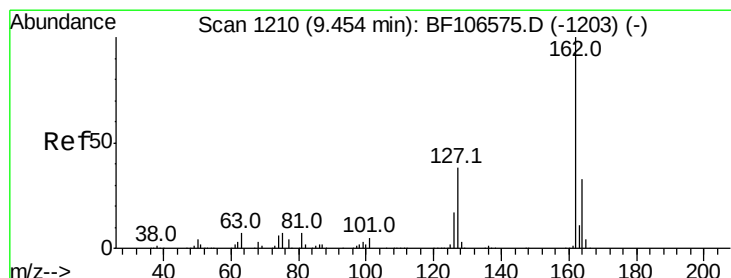
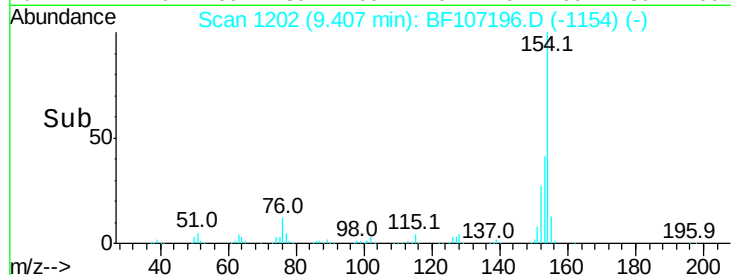
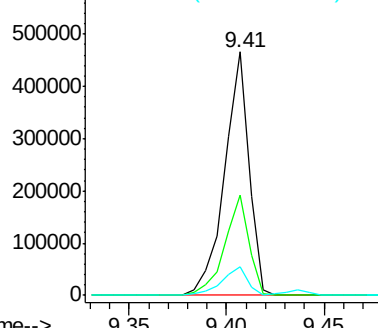
Tot Ion:	154	Resp:	404136
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.3	61.3
76	11.6	0.0	34.0

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 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: 33.705 ng

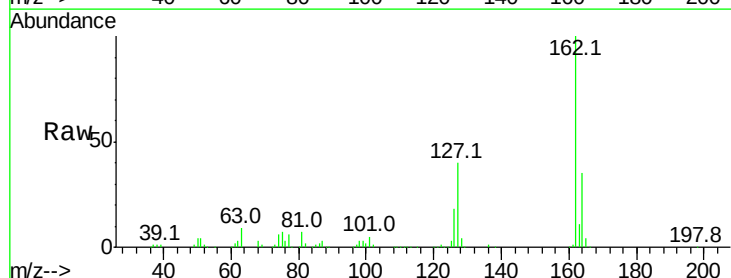
RT: 9.44 min Scan# 1207

Delta R.T. -0.02 min

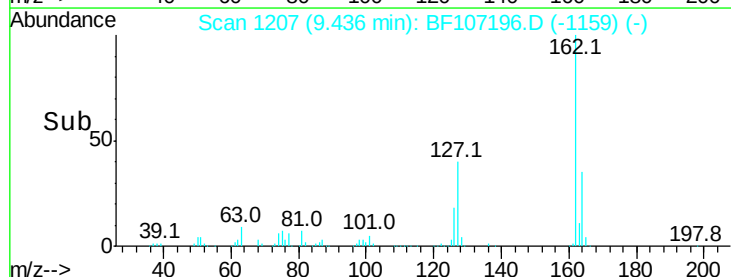
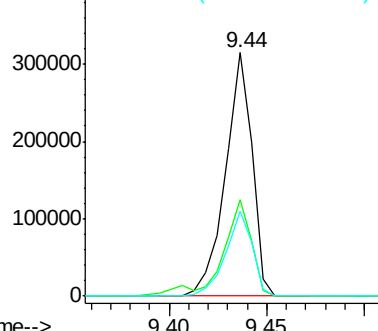
Lab File: BF107196.D

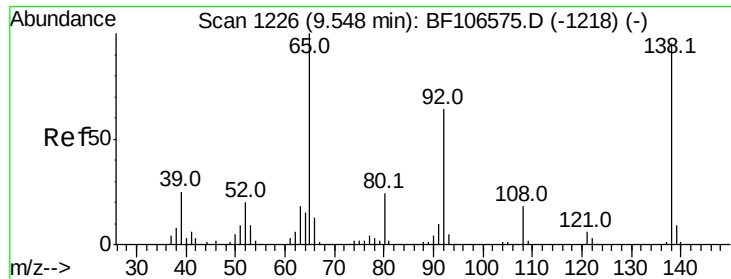
Acq: 7 Jul 2018 10:44

Tgt Ion:	162	Resp:	297618
Ion Ratio	Lower	Upper	
162	100		
127	39.8	33.9	50.9
164	34.8	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





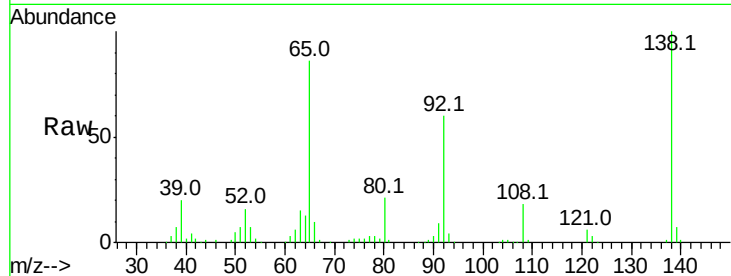
#47
2-Nitroaniline
Concen: 30.955 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.7	55.8	83.6
138	116.4	91.2	136.8

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM

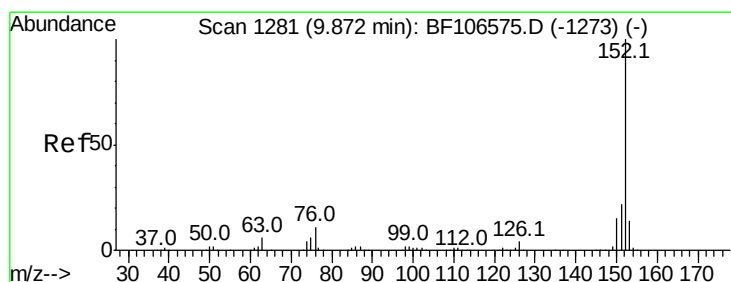
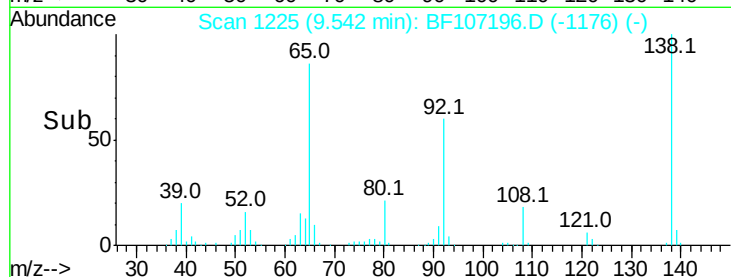
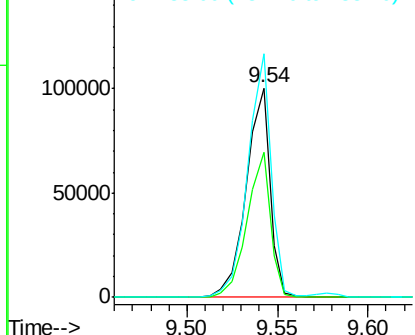


Abundance

Ion 65.00 (64.70 to 65.70): BF1

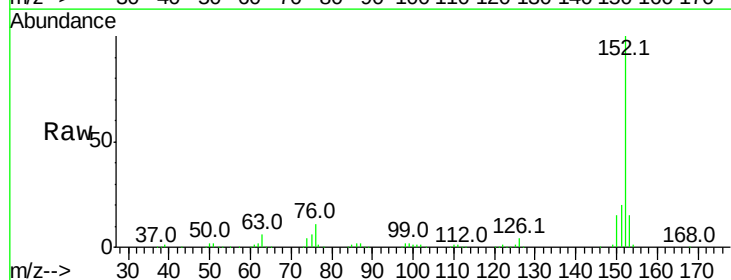
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 33.790 ng
RT: 9.85 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	14.5	10.7	16.1

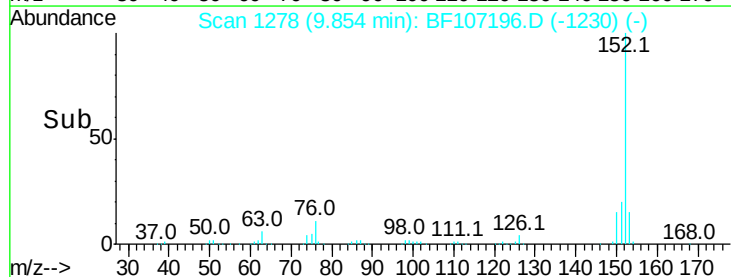
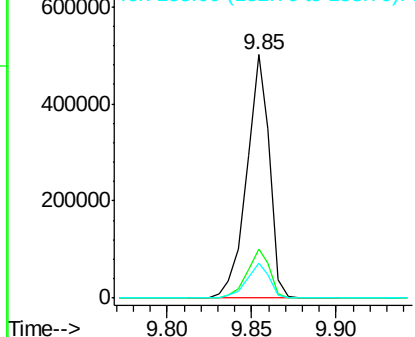


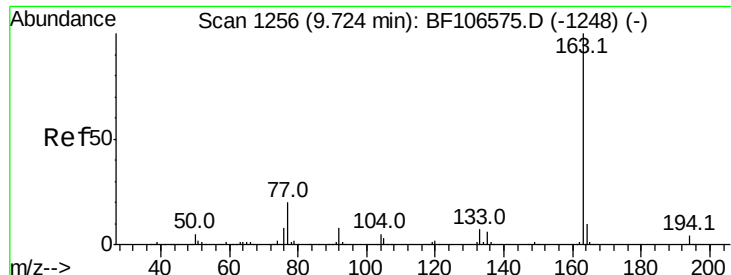
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





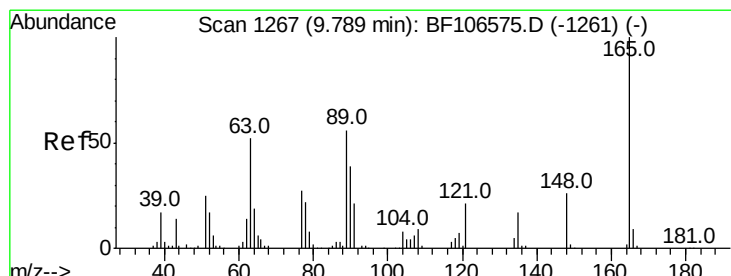
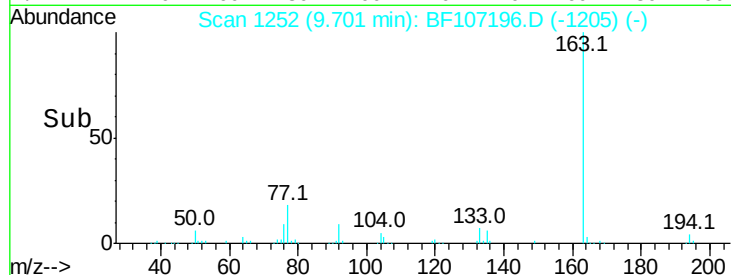
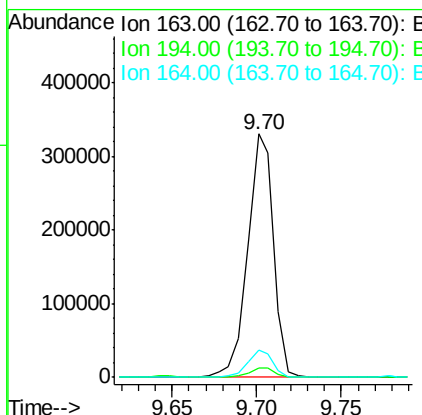
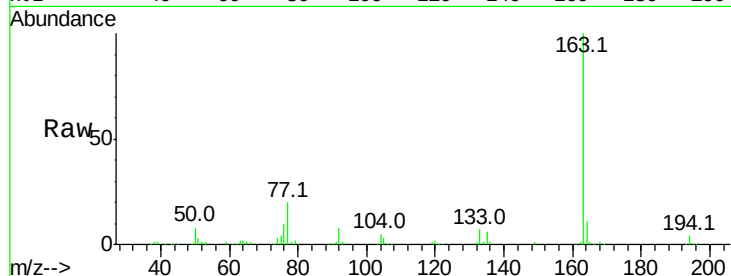
#49
Dimethylphthalate
Concen: 33.353 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	163	Resp	352117
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	11.2	8.2	12.2

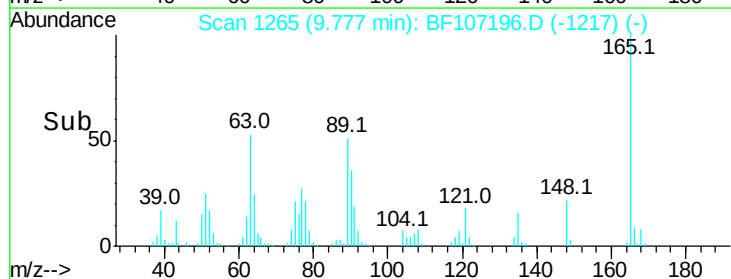
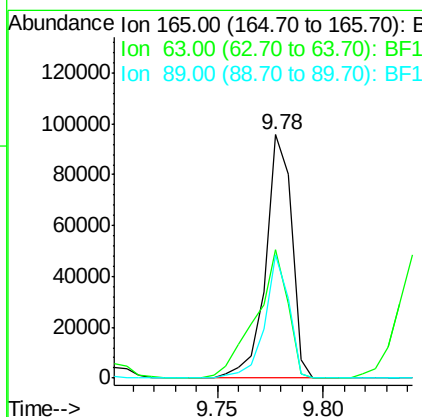
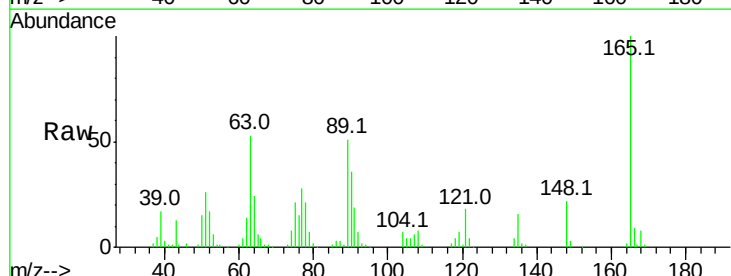
Manual Integrations
APPROVED

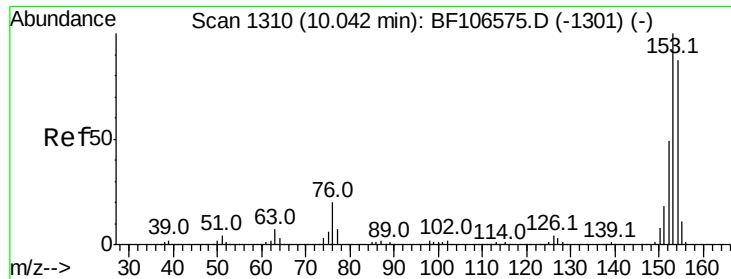
Sohil
7/9/2018 2:06:10 PM



#50
2,6-Dinitrotoluene
Concen: 36.659 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	165	Resp	81952
Ion Ratio	Lower	Upper	
165	100		
63	52.7	44.7	67.1
89	50.9	44.0	66.0





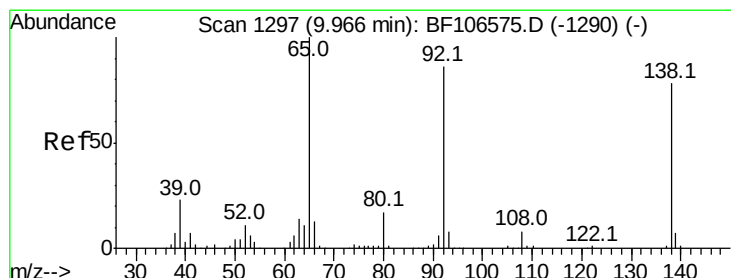
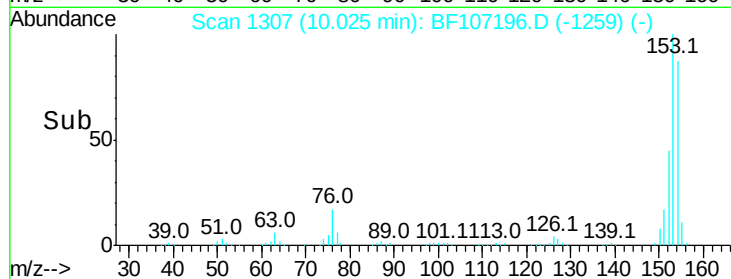
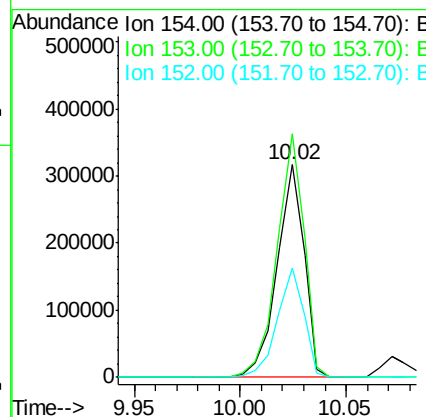
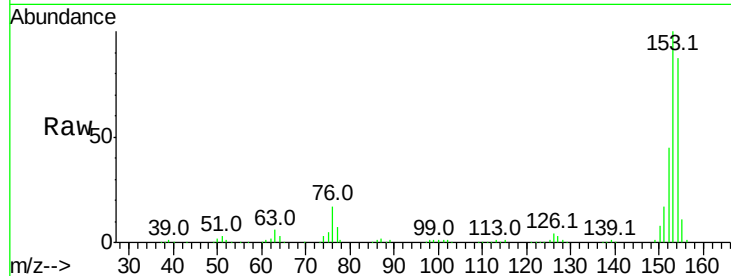
#51
Acenaphthene
Concen: 32.193 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.2	136.8
152	51.4	43.8	65.8

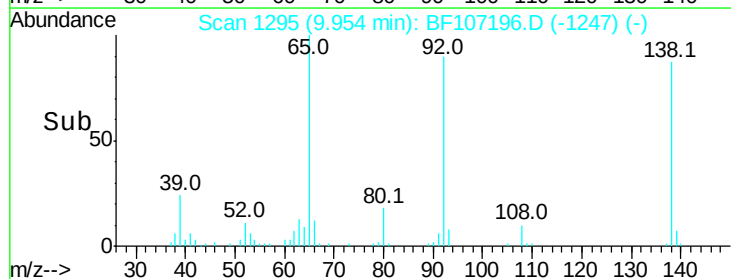
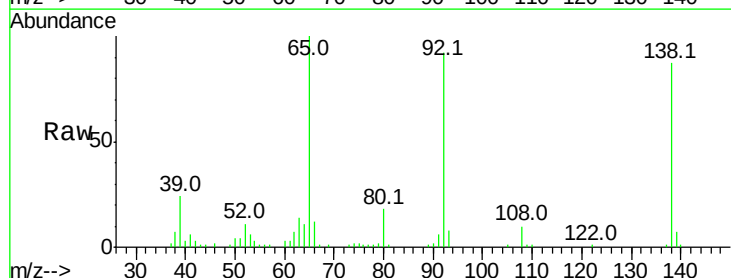
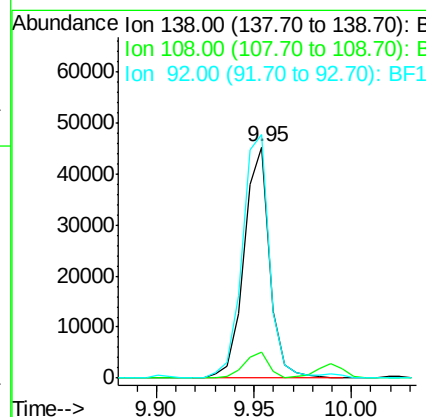
Manual Integrations
APPROVED

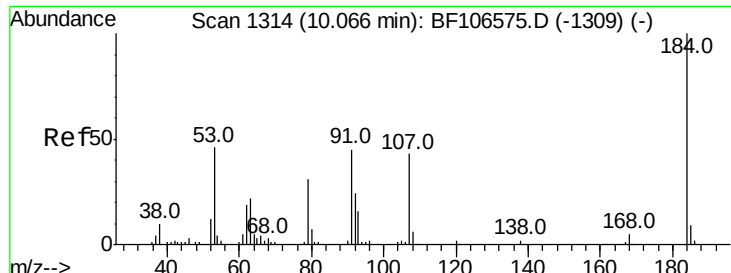
Sohil
7/9/2018 2:06:10 PM



#52
3-Nitroaniline
Concen: 16.055 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.4	14.0
92	105.2	89.4	134.2





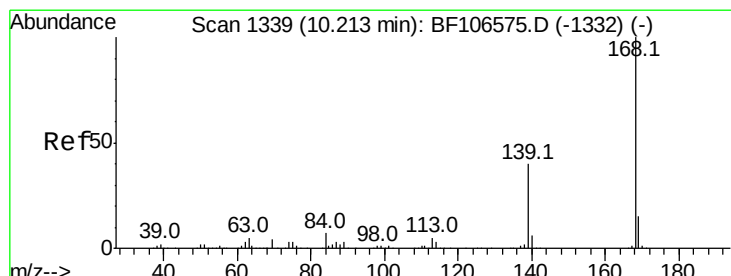
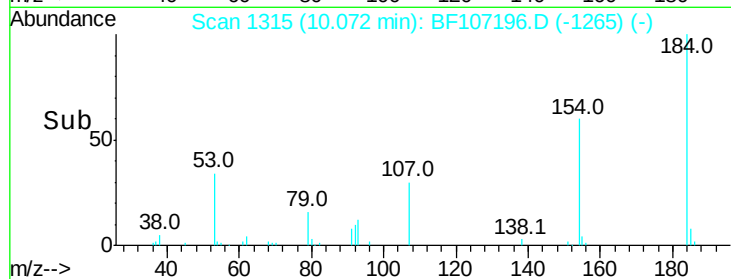
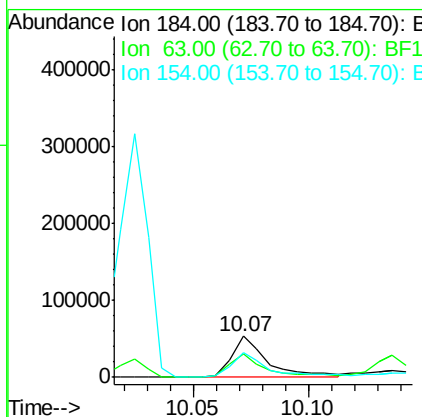
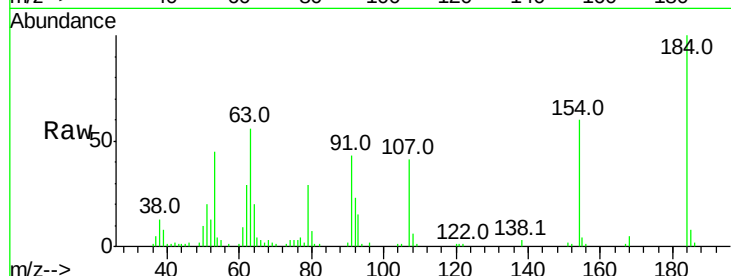
#53
2,4-Dinitrophenol
Concen: 51.853 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.2	54.2	81.2
154	59.6	184.0	276.0#

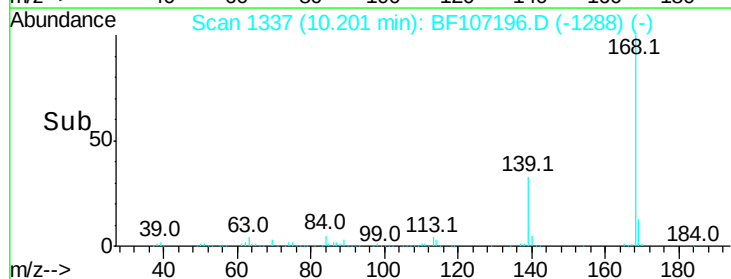
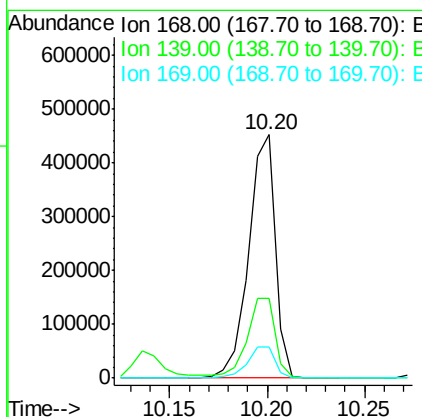
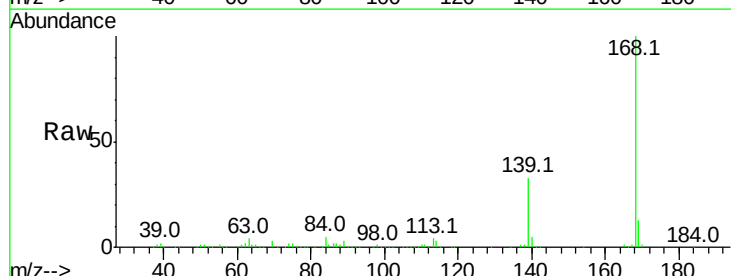
Manual Integrations
APPROVED

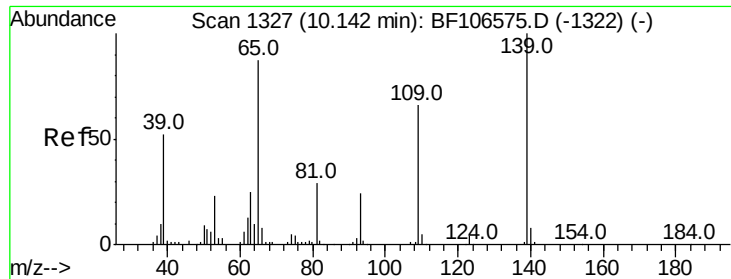
Sohil
7/9/2018 2:06:10 PM



#54
Dibenzofuran
Concen: 35.575 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.0	30.1	45.1
169	12.9	10.9	16.3





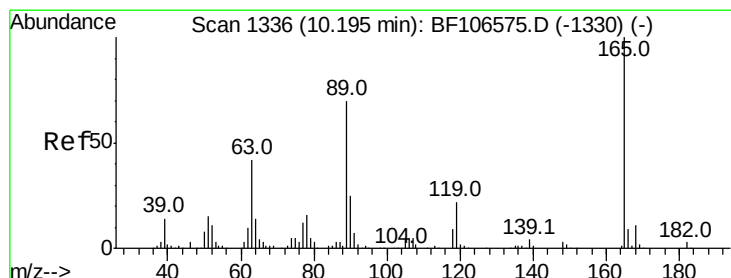
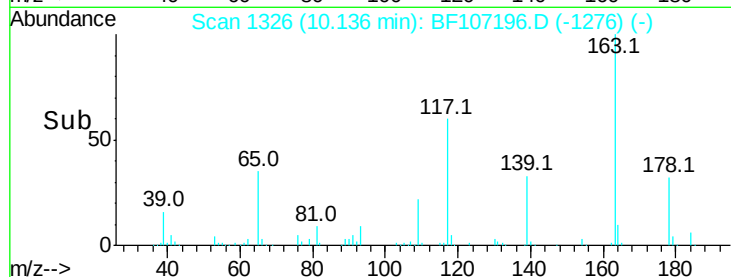
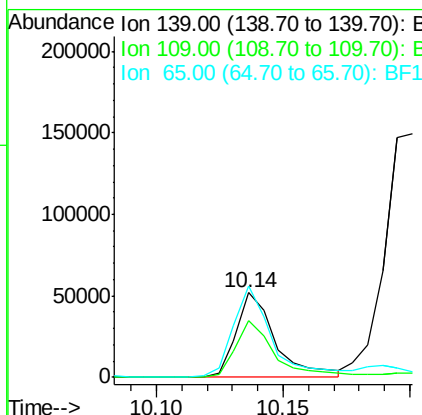
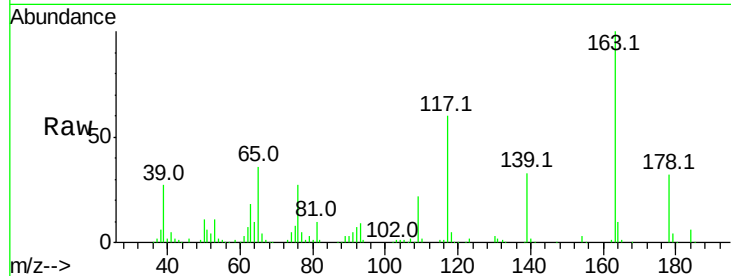
#55
4-Nitrophenol
Concen: 31.081 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.8	48.4	88.4
65	108.7	72.6	112.6

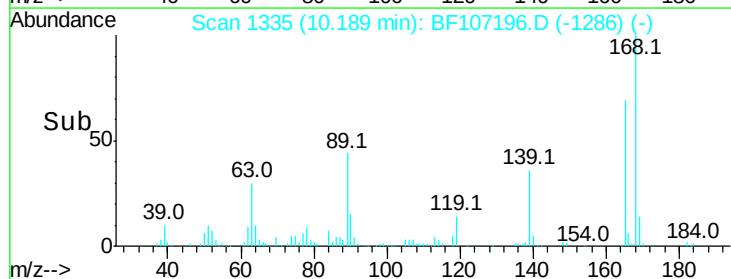
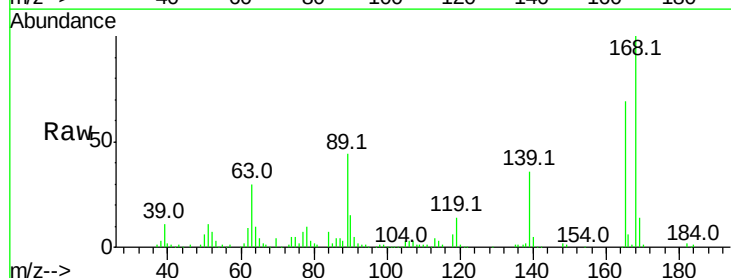
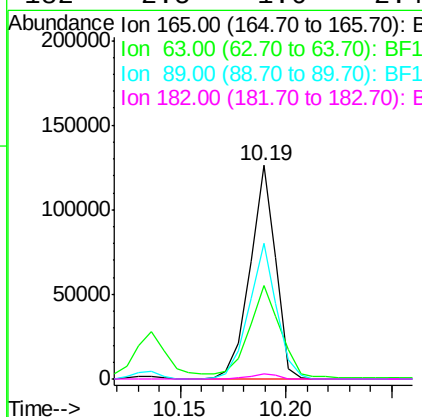
Manual Integrations
APPROVED

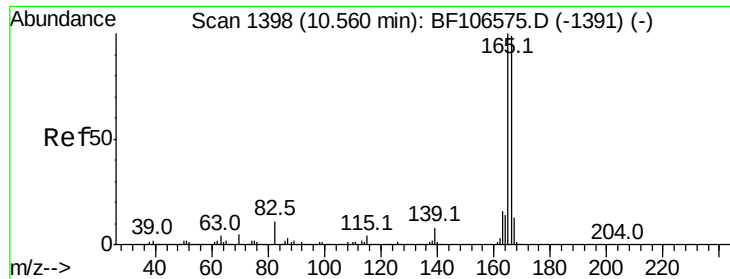
Sohil
7/9/2018 2:06:10 PM



#56
2,4-Dinitrotoluene
Concen: 36.440 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.8	36.4	54.6
89	63.3	57.8	86.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 36.528 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

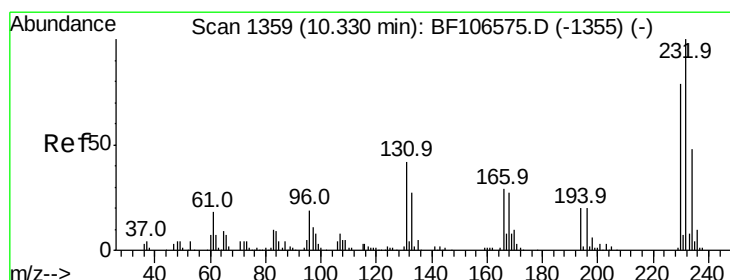
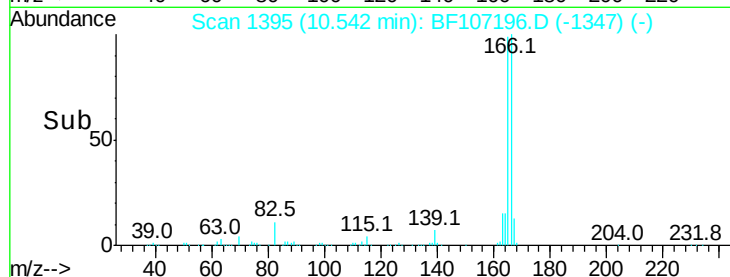
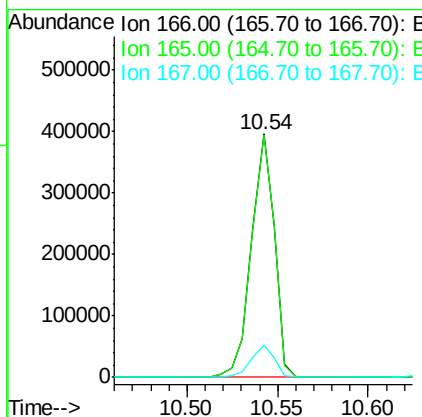
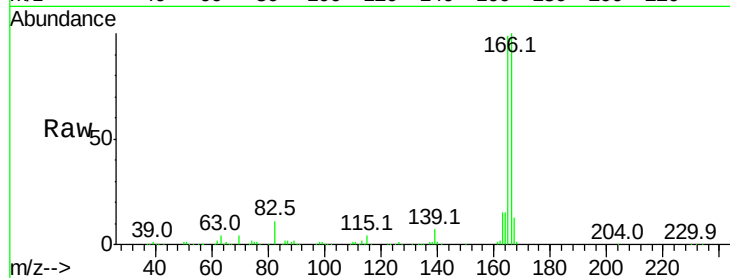
ClientSampleId :

PB110879BS

Tot Ion:	166	Resp:	348441
Ion Ratio	Lower	Upper	
166	100		
165	99.4	79.8	119.8
167	13.2	10.6	16.0

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.385 ng

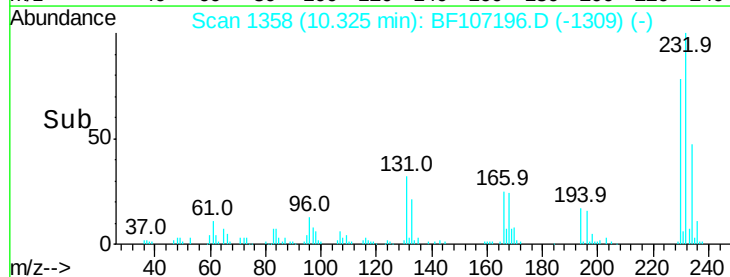
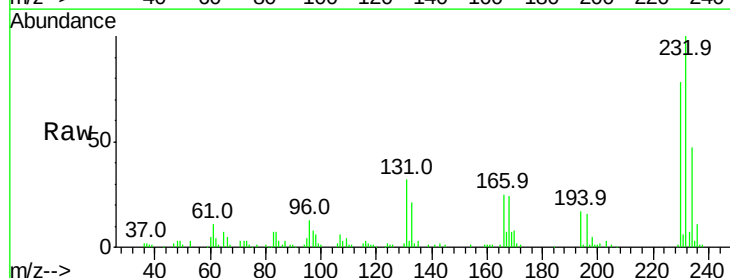
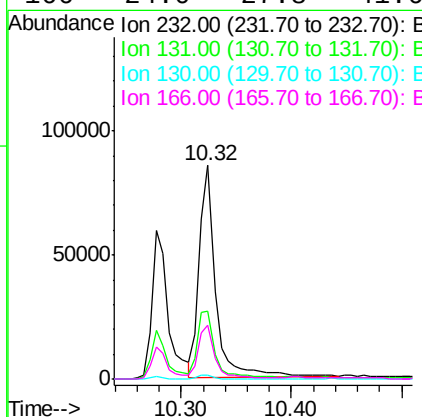
RT: 10.32 min Scan# 1358

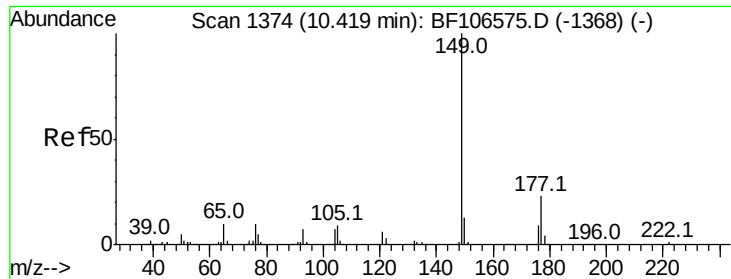
Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion:	232	Resp:	87258
Ion Ratio	Lower	Upper	
232	100		
131	32.6	43.8	65.8#
130	1.5	2.1	3.1#
166	24.0	27.8	41.6#





#59

Diethylphthalate

Concen: 32.409 ng

RT: 10.40 min Scan# 1371

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

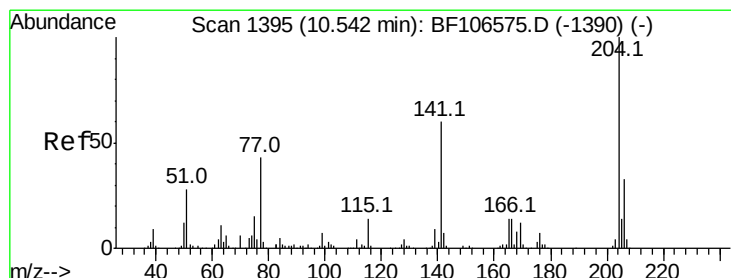
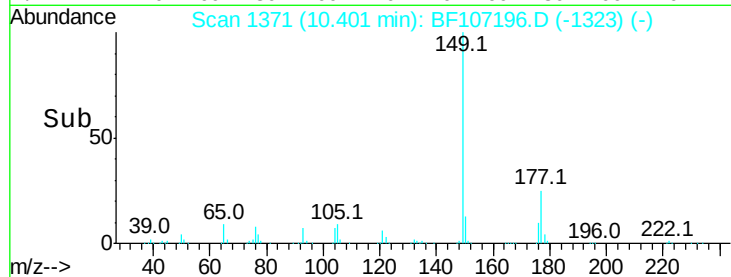
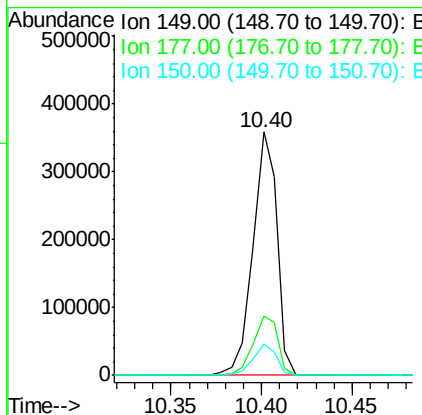
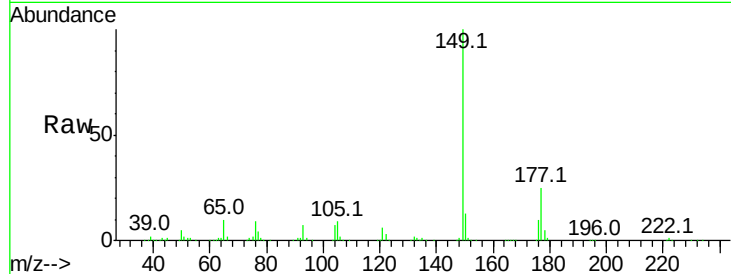
ClientSampleId :

PB110879BS

Tot Ion:	149	Resp:	330232
Ion Ratio	Lower	Upper	
149	100		
177	24.6	16.1	24.1#
150	13.0	10.1	15.1

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



#60

4-Chlorophenyl-phenylether

Concen: 36.508 ng

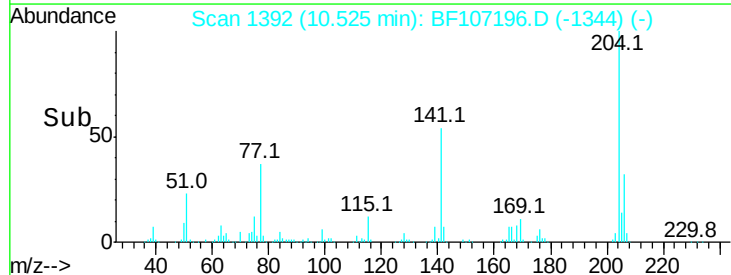
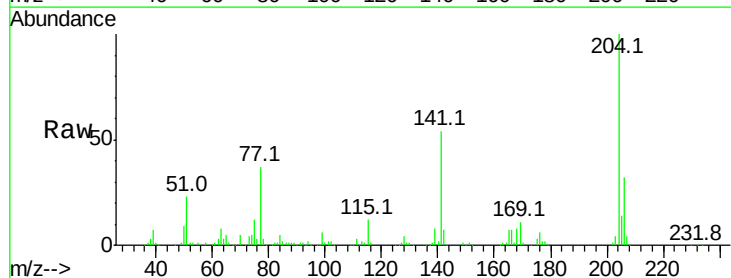
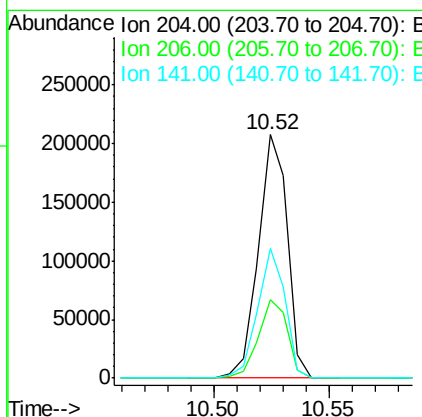
RT: 10.52 min Scan# 1392

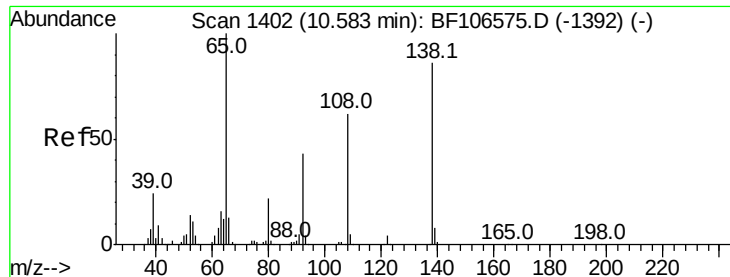
Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion:	204	Resp:	182214
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.5	39.7
141	53.5	54.6	81.8#





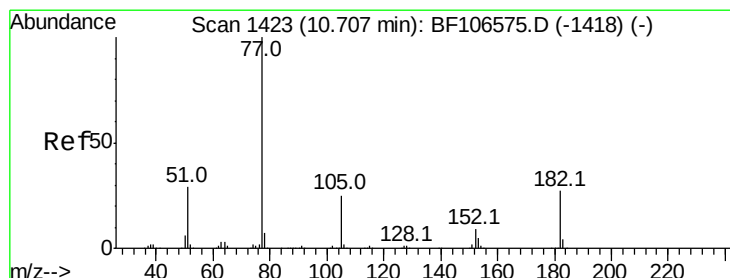
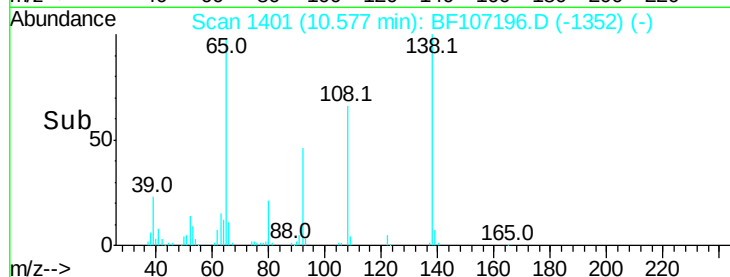
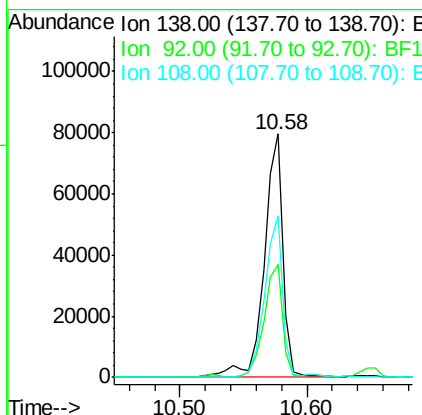
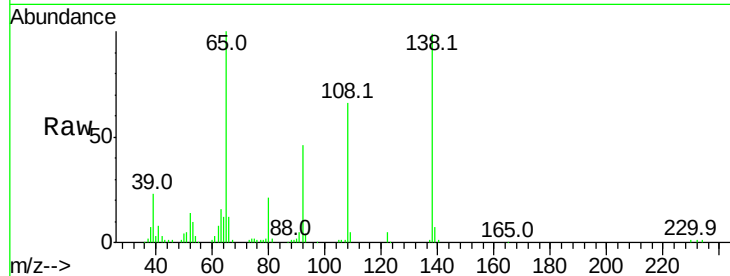
#61
4-Nitroaniline
Concen: 32.204 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampled :
PB110879BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.2	30.2	70.2
108	66.4	52.5	92.5

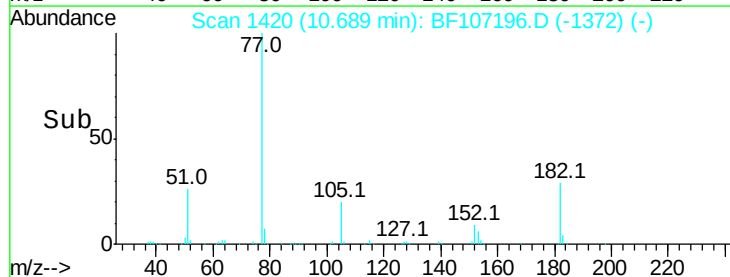
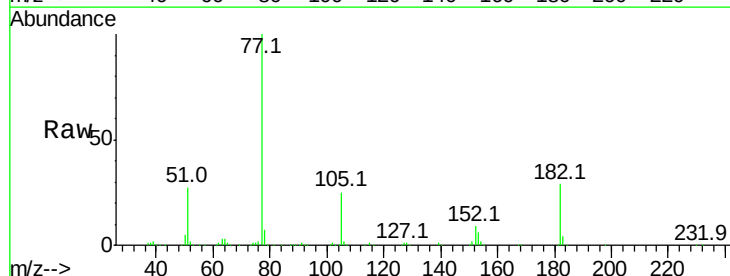
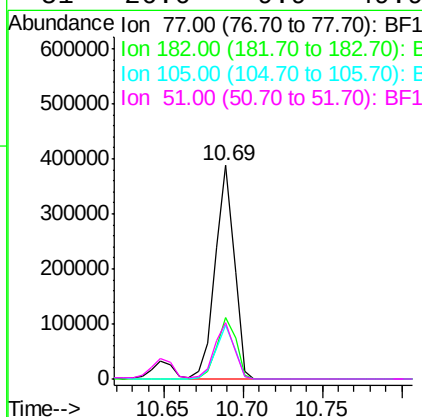
Manual Integrations
APPROVED

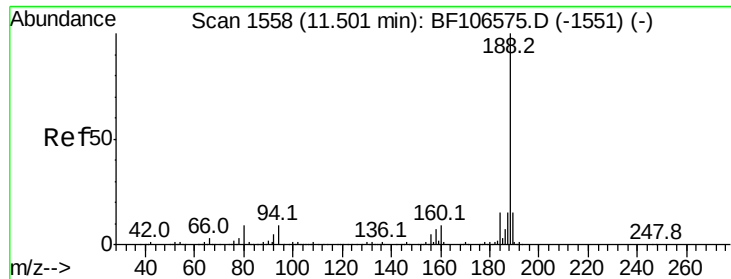
Sohil
7/9/2018 2:06:10 PM



#62
Azobenzene
Concen: 32.267 ng
RT: 10.69 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.6	1.7	41.7
105	25.0	3.0	43.0
51	26.6	9.9	49.9





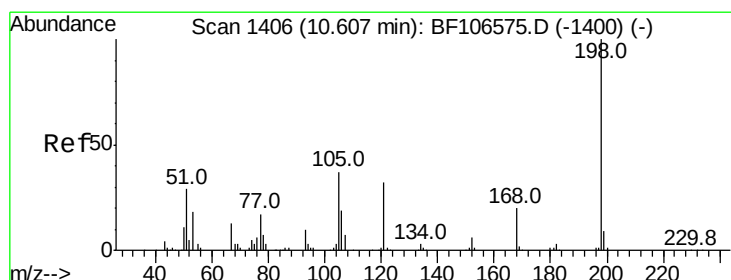
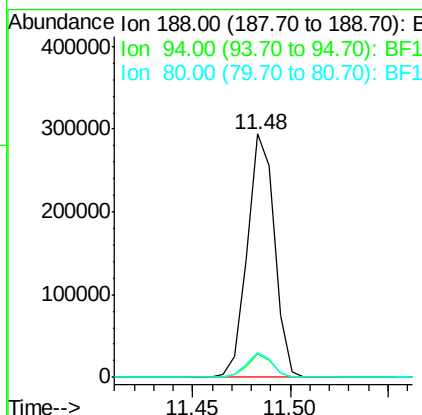
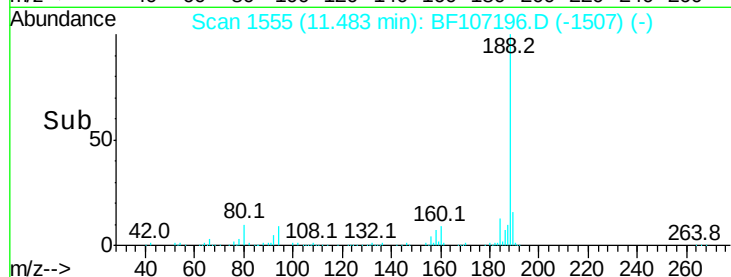
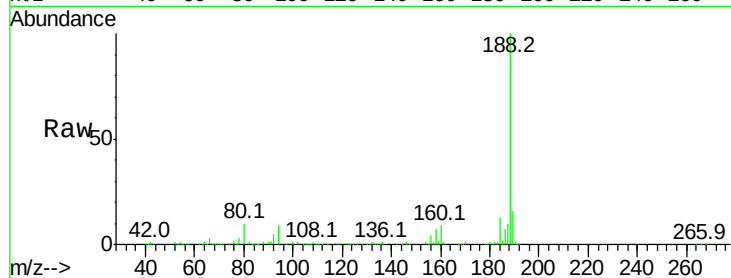
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.9	9.2	13.8

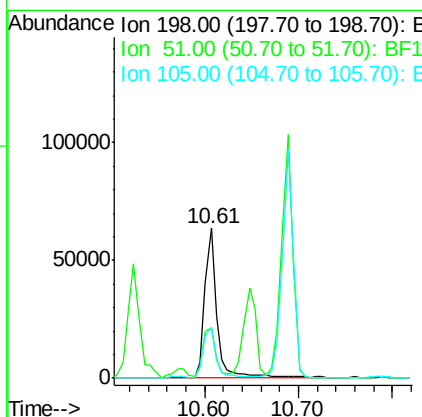
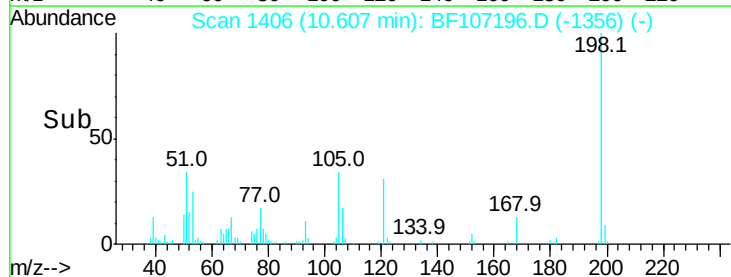
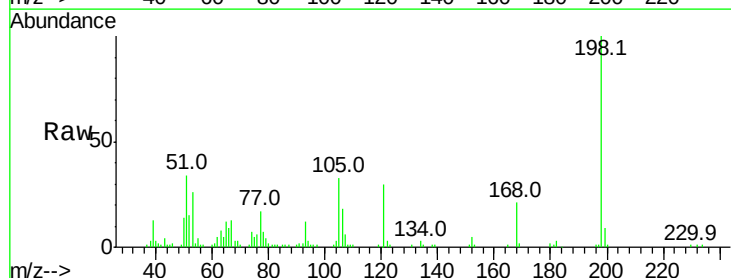
Manual Integrations
APPROVED

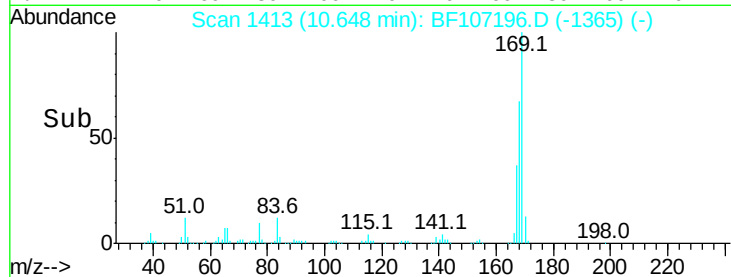
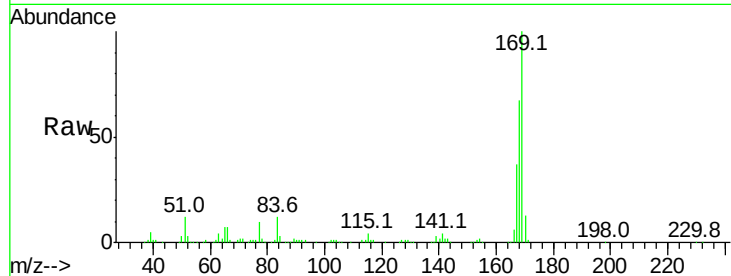
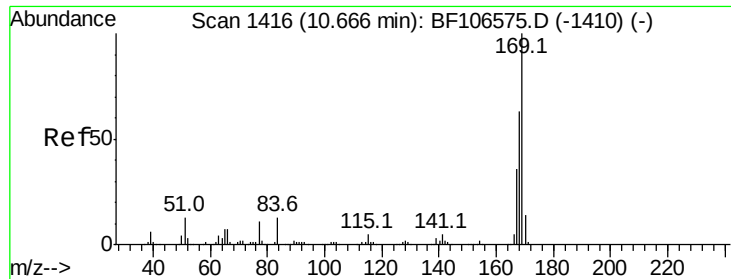
Sohil
7/9/2018 2:06:10 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 33.450 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	33.9	37.7	77.7#
105	33.3	36.3	76.3#





#65

n-Nitrosodiphenylamine

Concen: 31.656 ng

RT: 10.65 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

Tot Ion:169 Resp: 302734

Ion Ratio Lower Upper

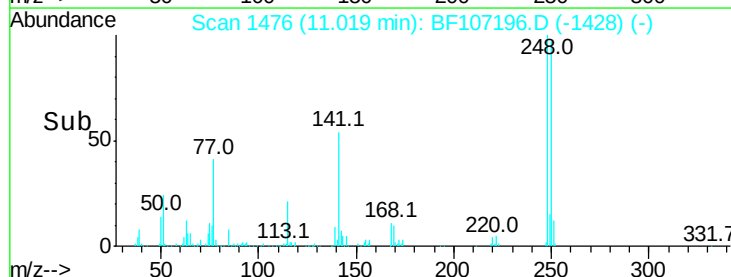
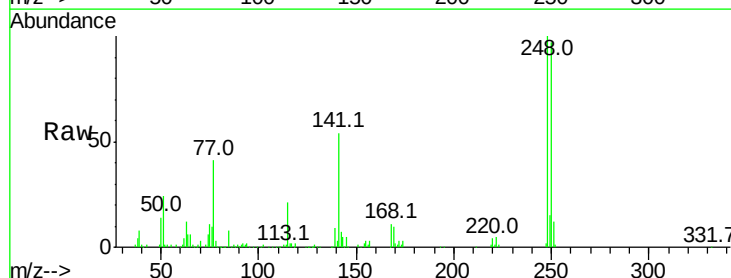
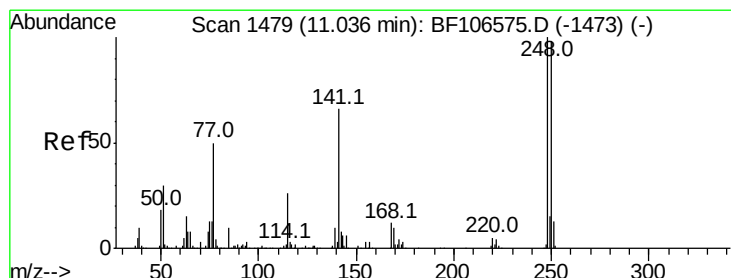
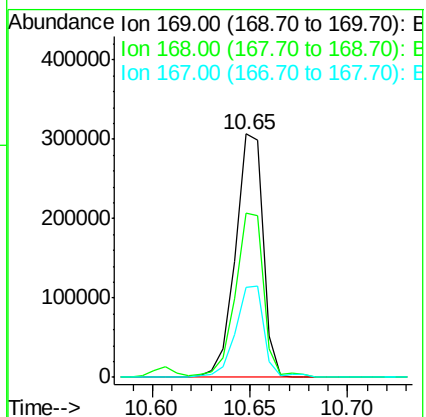
169 100

168 67.3 54.4 81.6

167 37.1 29.8 44.6

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



#66

4-Bromophenyl-phenylether

Concen: 36.893 ng

RT: 11.02 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

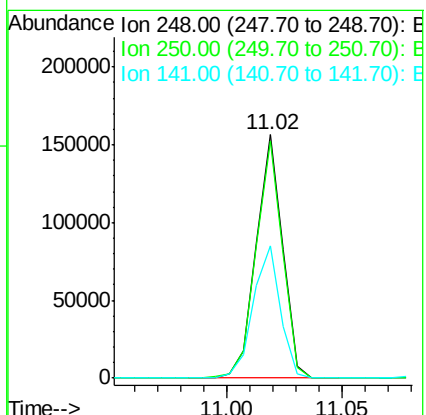
Tgt Ion:248 Resp: 125185

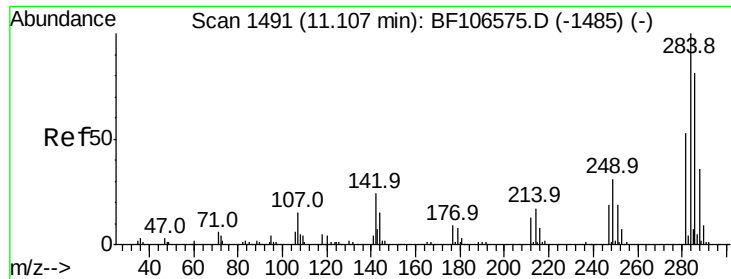
Ion Ratio Lower Upper

248 100

250 97.3 76.9 115.3

141 54.3 74.4 111.6#





#67

Hexachlorobenzene

Concen: 37.754 ng

RT: 11.10 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

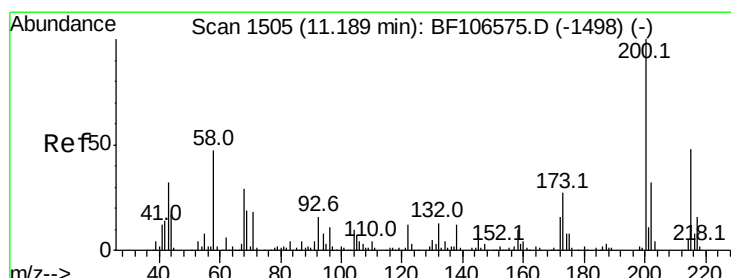
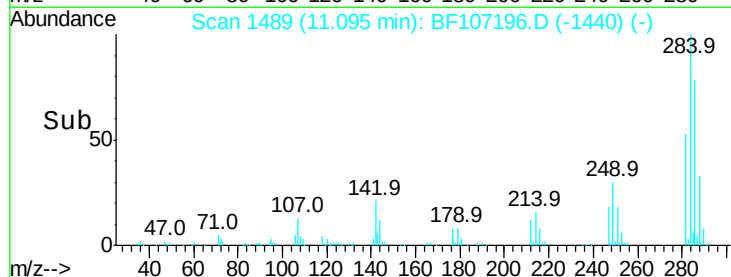
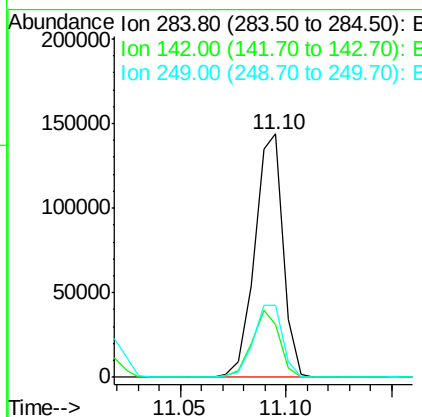
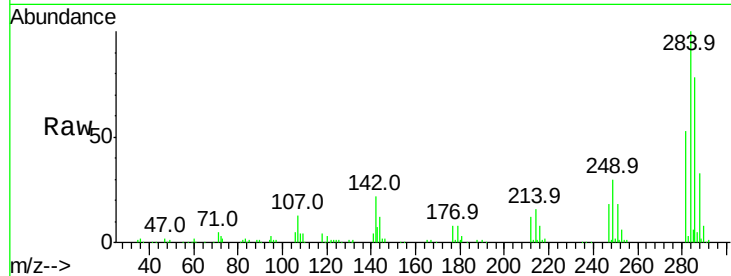
ClientSampleId :

PB110879BS

Tot Ion:	284	Resp:	134084
Ion Ratio	Lower	Upper	
284	100		
142	21.6	34.6	52.0#
249	29.9	24.8	37.2

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



#68

Atrazine

Concen: 36.251 ng

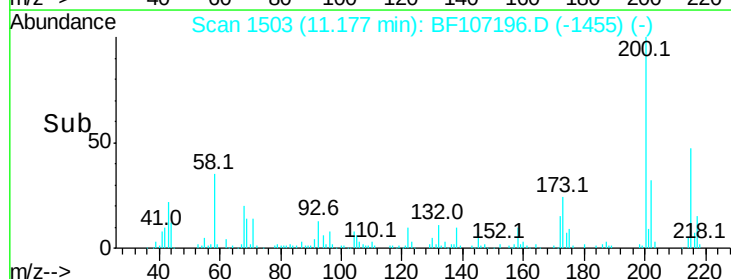
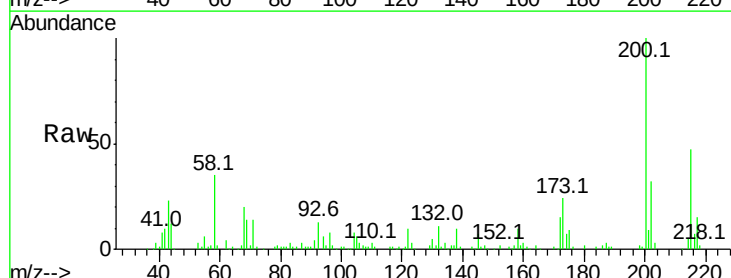
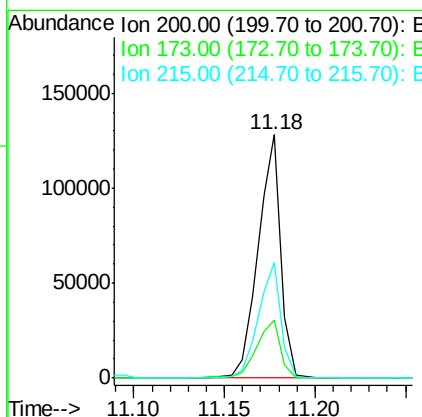
RT: 11.18 min Scan# 1503

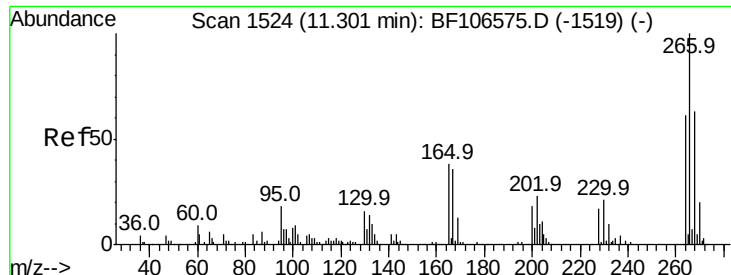
Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion:	200	Resp:	110210
Ion Ratio	Lower	Upper	
200	100		
173	23.7	8.6	48.6
215	47.2	25.1	65.1





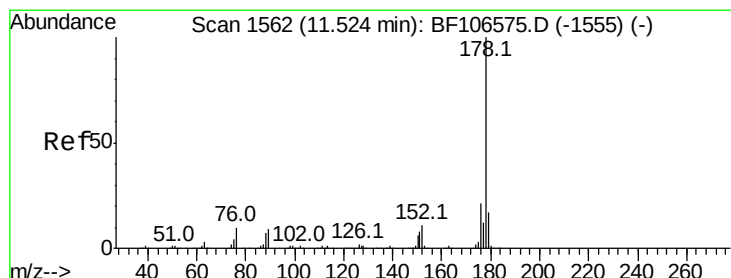
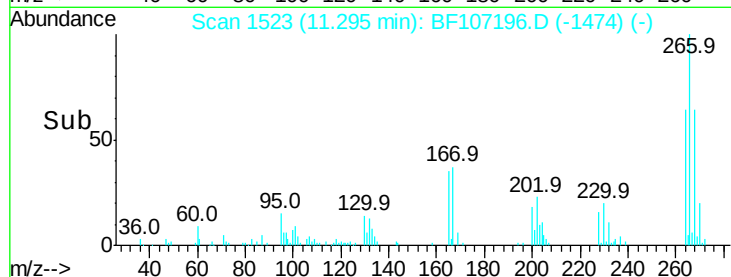
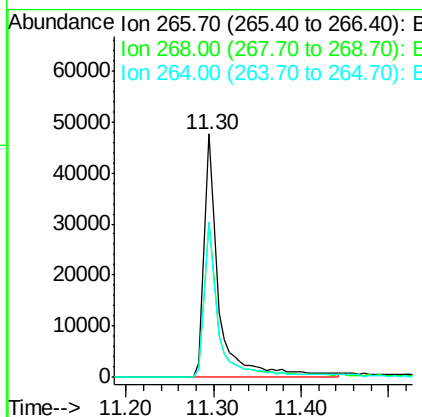
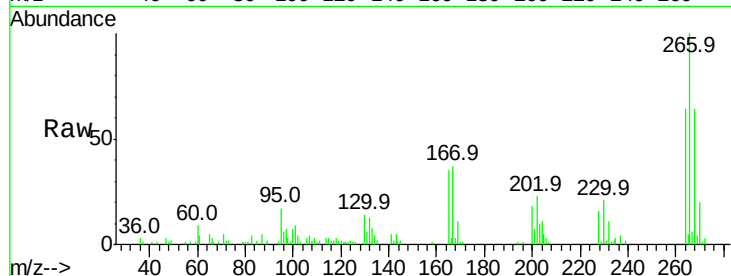
#69
 Pentachlorophenol
 Concen: 32.356 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	63.7	49.5	74.3

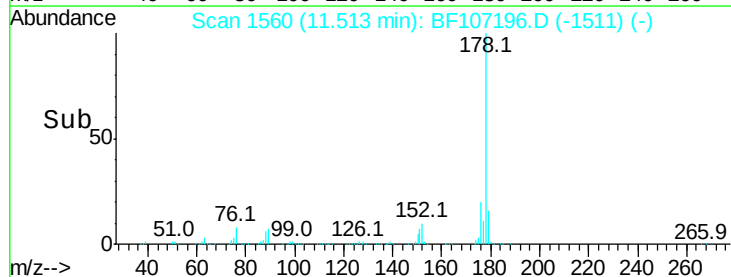
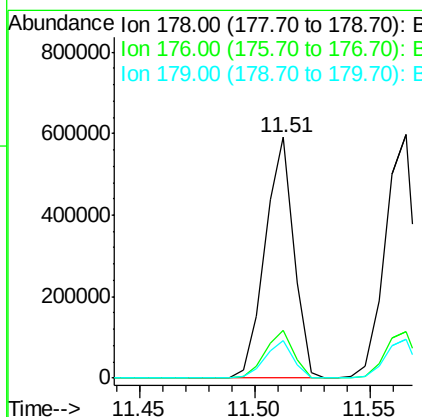
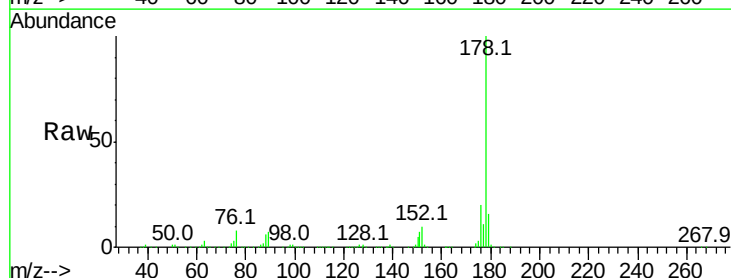
Manual Integrations
 APPROVED

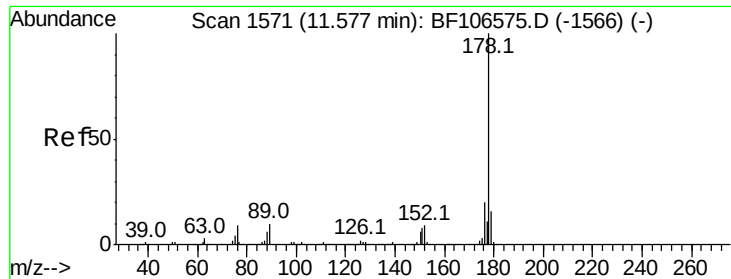
Sohil
 7/9/2018 2:06:10 PM



#70
 Phenanthrene
 Concen: 37.361 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.6	13.0	19.6





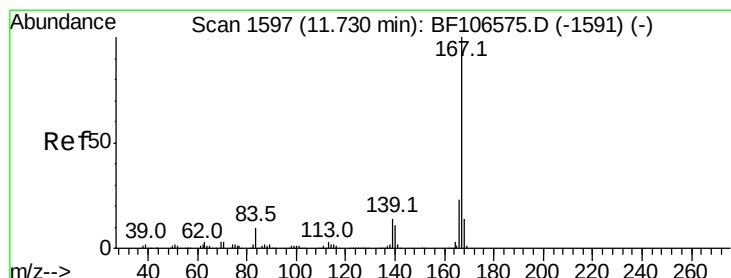
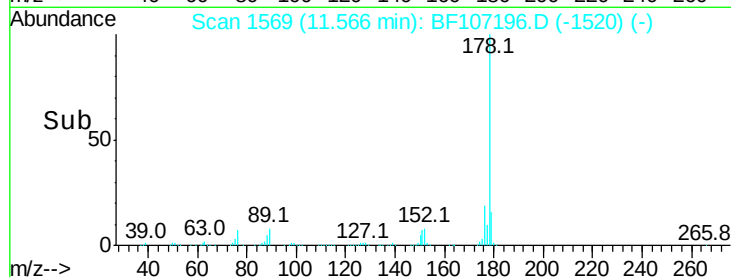
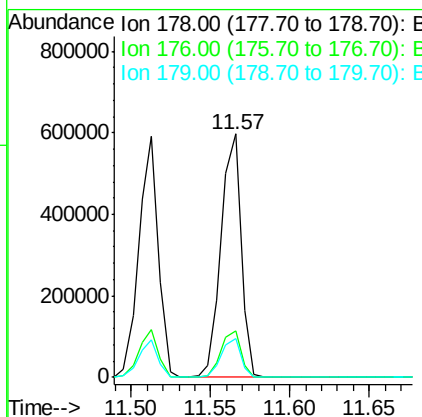
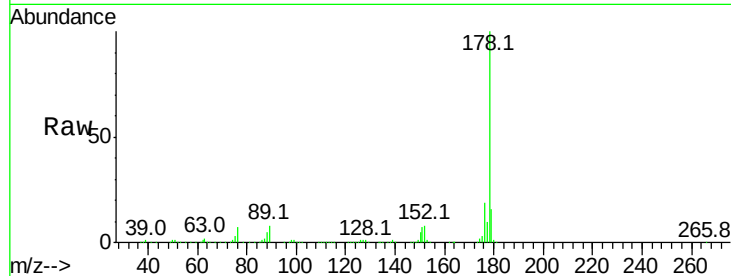
#71
 Anthracene
 Concen: 37.748 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.6	19.0

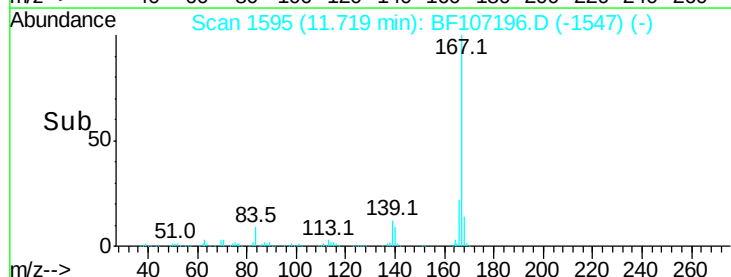
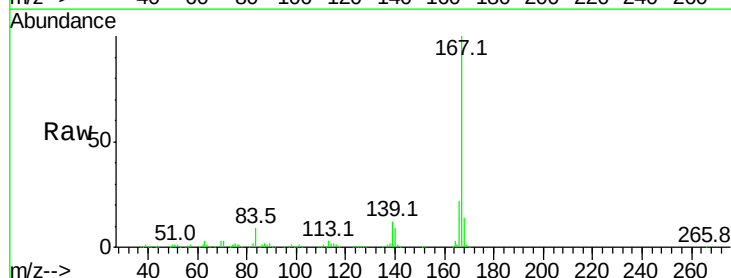
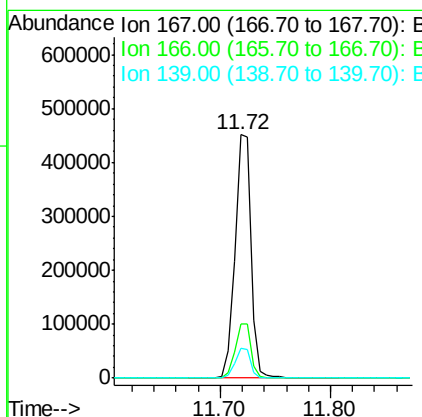
Manual Integrations
 APPROVED

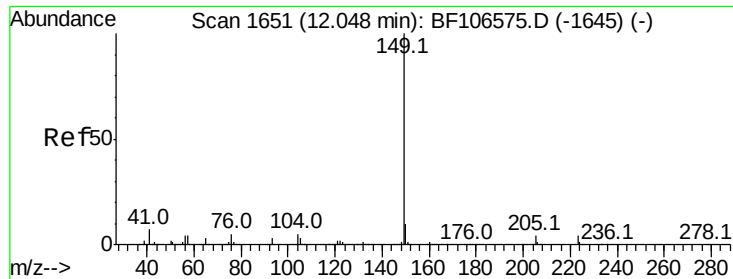
Sohil
 7/9/2018 2:06:10 PM



#72
 Carbazole
 Concen: 35.211 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	12.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 33.462 ng

RT: 12.02 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

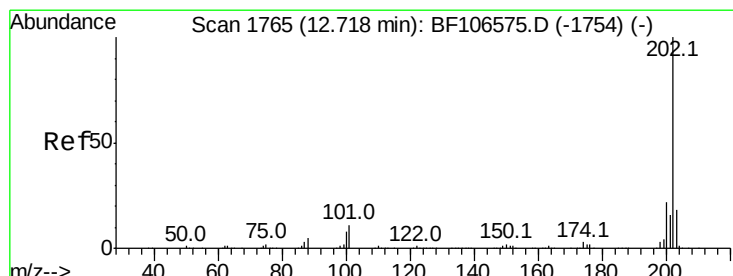
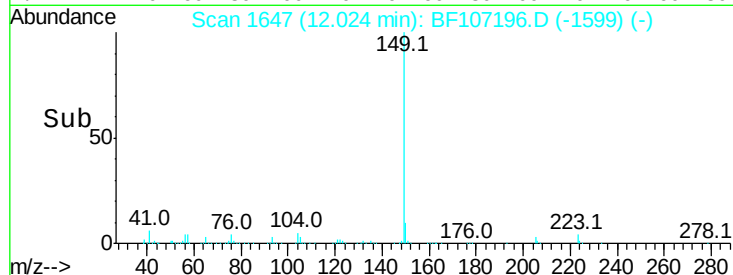
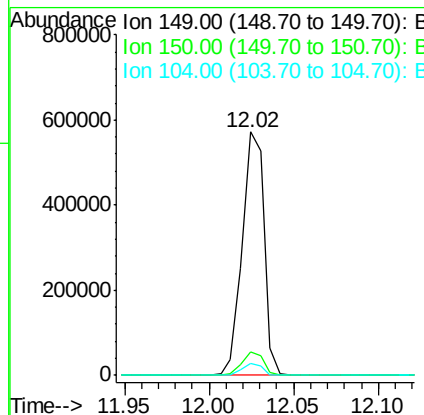
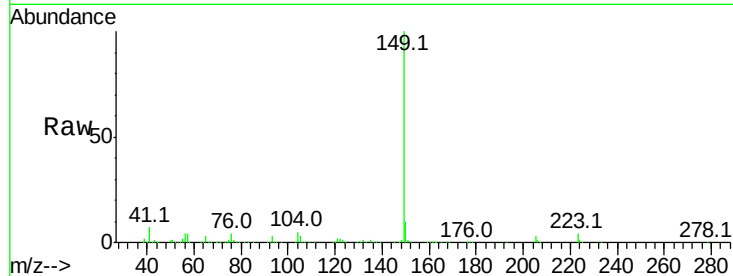
ClientSampleId :

PB110879BS

Tot Ion:	149	Resp:	516615
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	4.7	3.8	5.8

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



#74

Fluoranthene

Concen: 36.263 ng

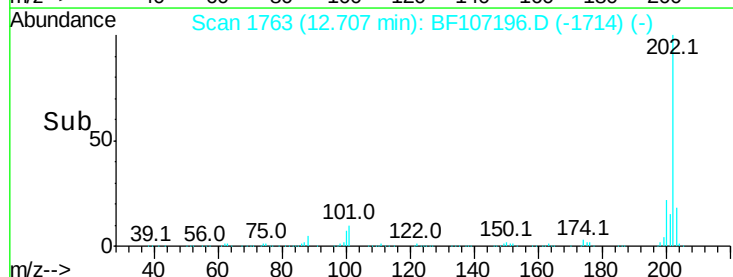
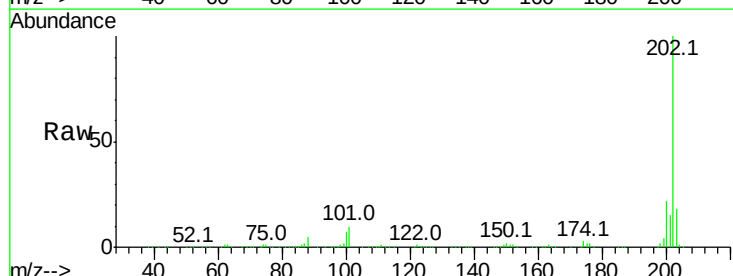
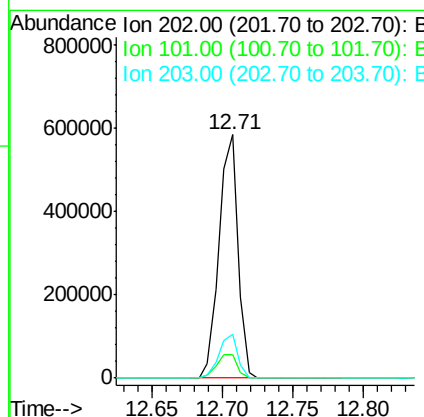
RT: 12.71 min Scan# 1763

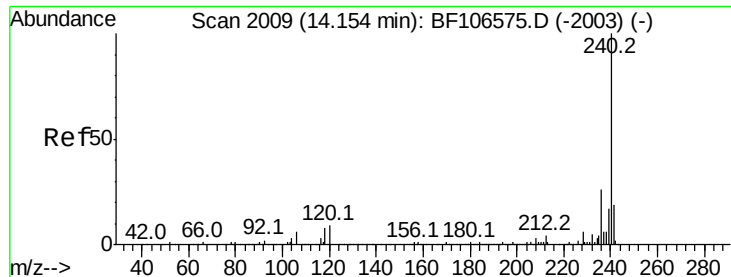
Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion:	202	Resp:	548116
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

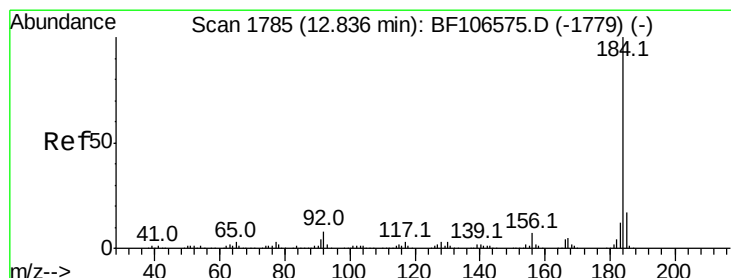
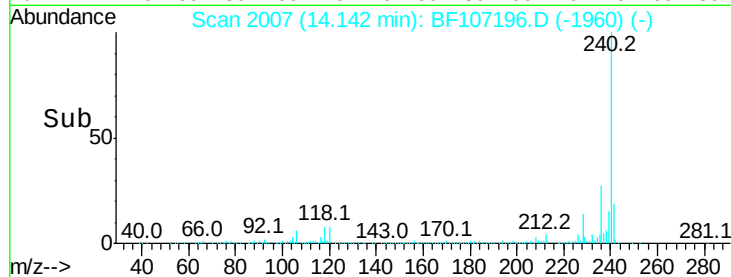
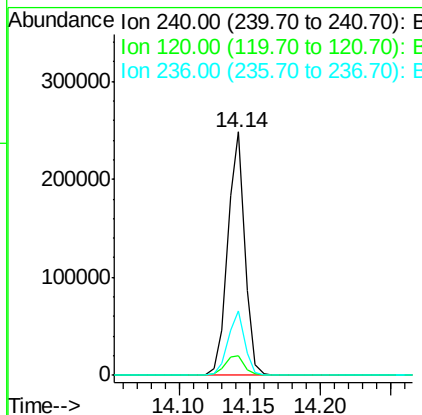
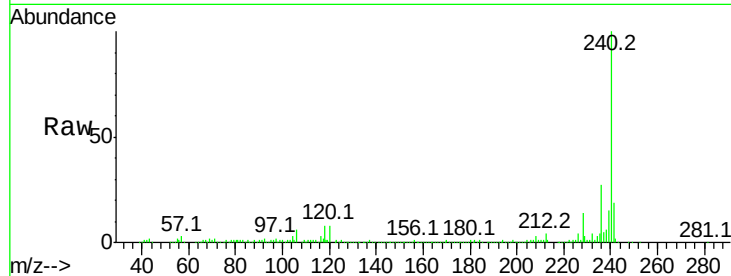
ClientSampleId :

PB110879BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	26.7	20.7	31.1

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



#76

Benzidine

Concen: 28.782 ng

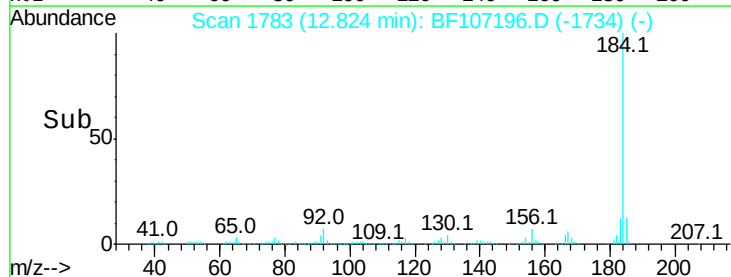
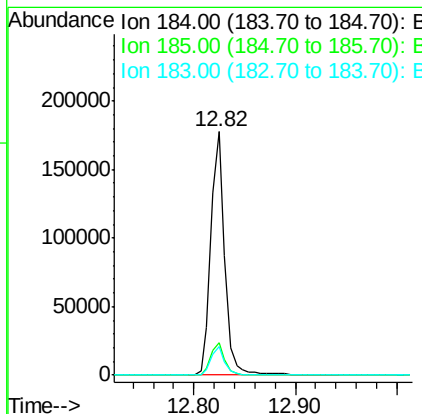
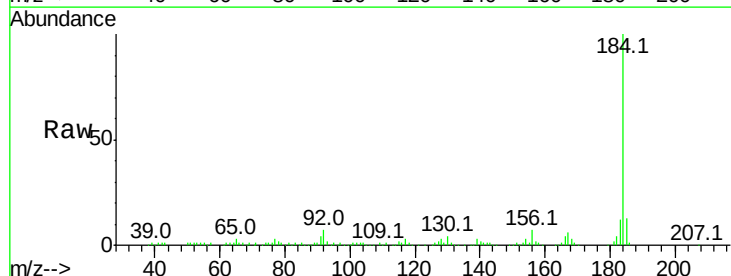
RT: 12.82 min Scan# 1783

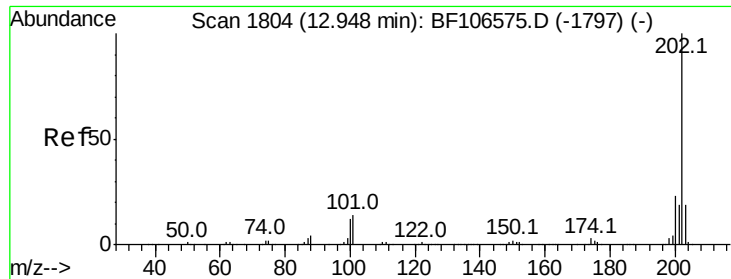
Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	12.6	18.8
183	11.5	9.3	13.9





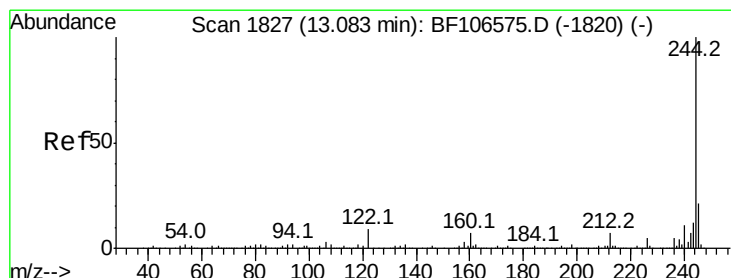
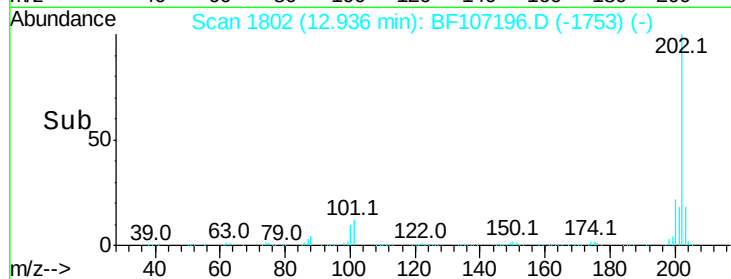
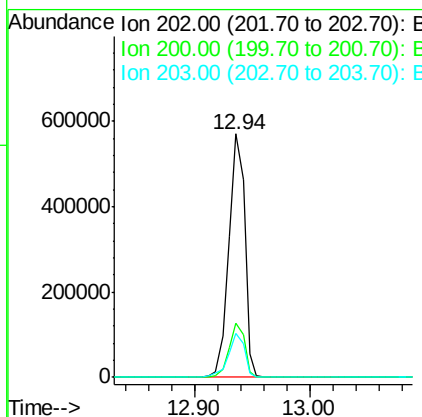
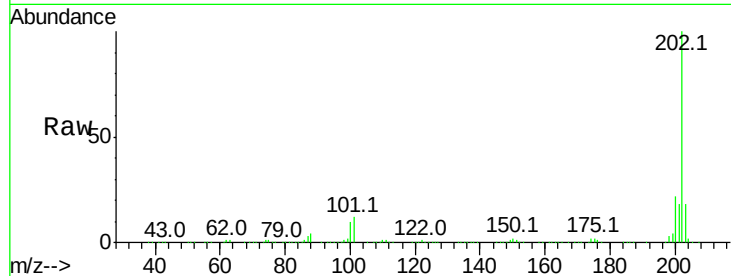
#77
Pvrene
Concen: 39.845 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.0	17.4	26.2	
203	18.0	14.3	21.5	

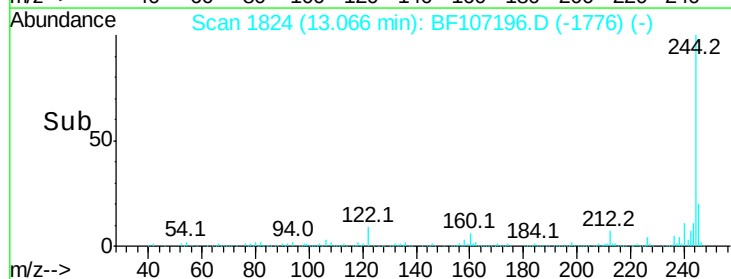
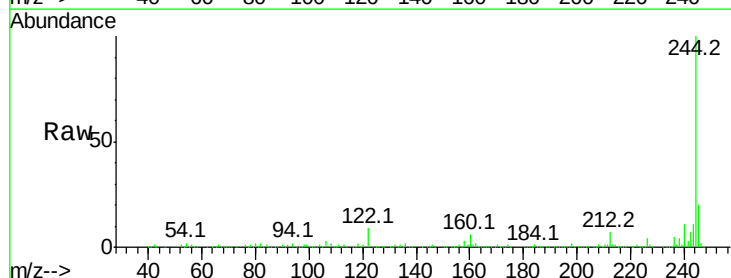
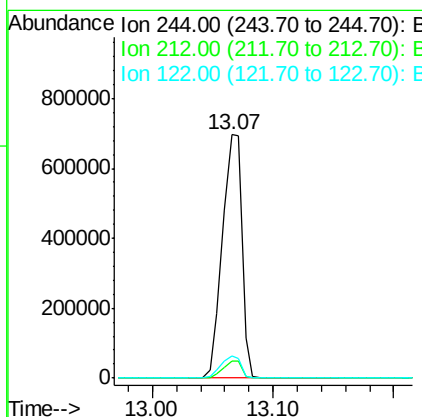
Manual Integrations
APPROVED

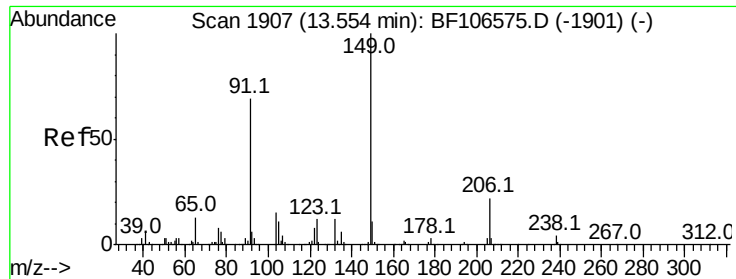
Sohil
7/9/2018 2:06:10 PM



#78
Terphenyl-d14
Concen: 91.367 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	5.4	8.0	
122	9.2	11.0	16.4	





#79

Butylbenzylphthalate

Concen: 34.649 ng

RT: 13.54 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

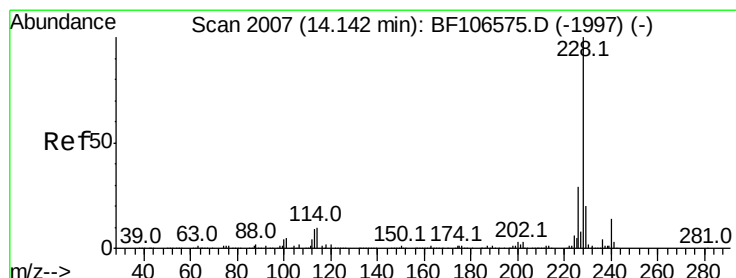
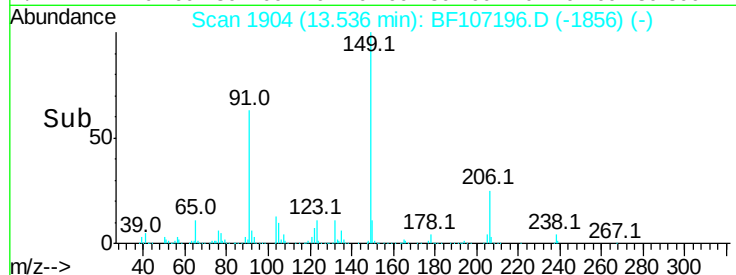
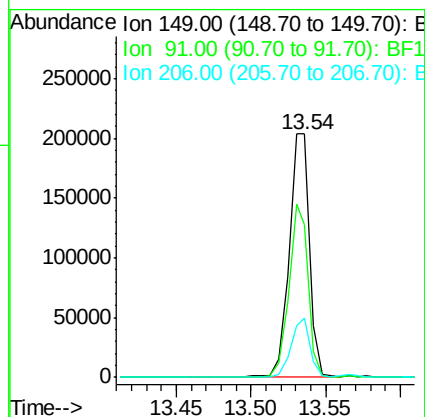
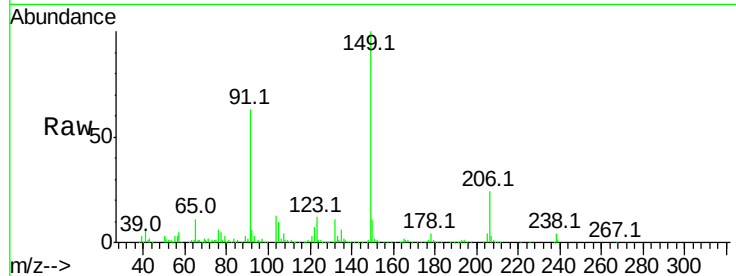
ClientSampled :

PB110879BS

Tot Ion:	149	Resp:	194791
Ion Ratio	Lower	Upper	
149	100		
91	62.7	56.8	85.2
206	24.5	14.1	21.1#

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



#80

Benzo(a)anthracene

Concen: 36.159 ng

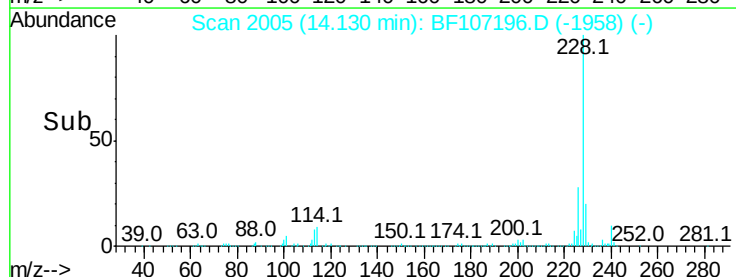
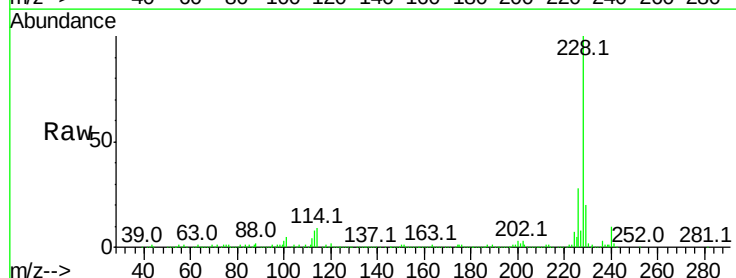
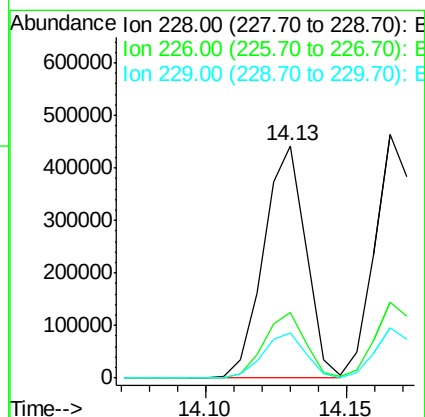
RT: 14.13 min Scan# 2005

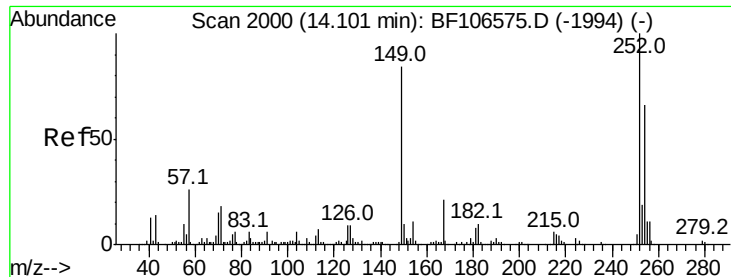
Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion:	228	Resp:	456973
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	33.8
229	19.7	15.8	23.6





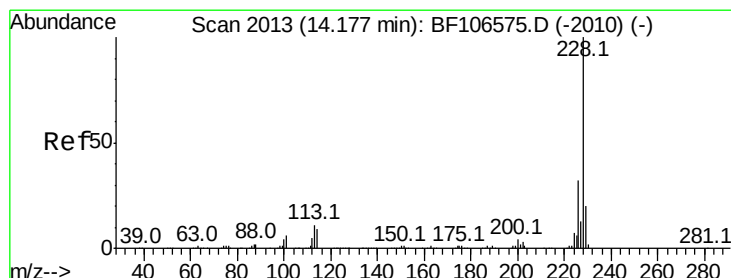
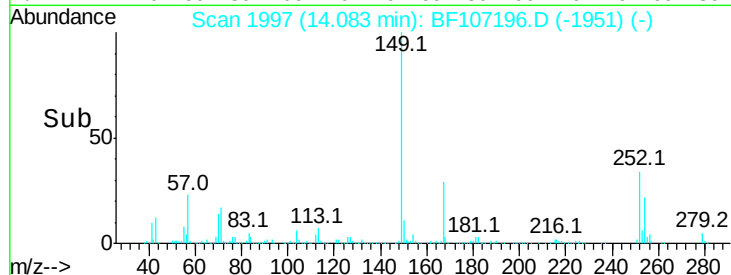
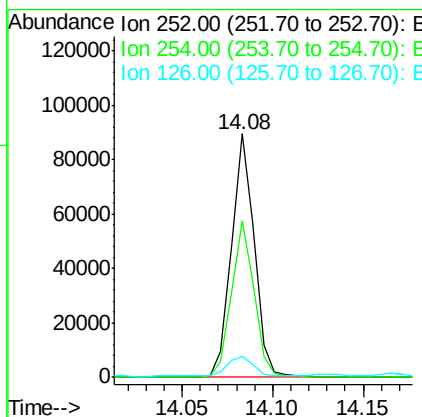
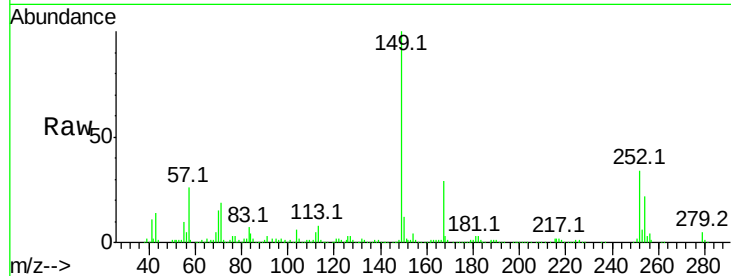
#81
 3,3'-Dichlorobenzidine
 Concen: 17.737 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	50.4	75.6
126	8.5	11.3	16.9

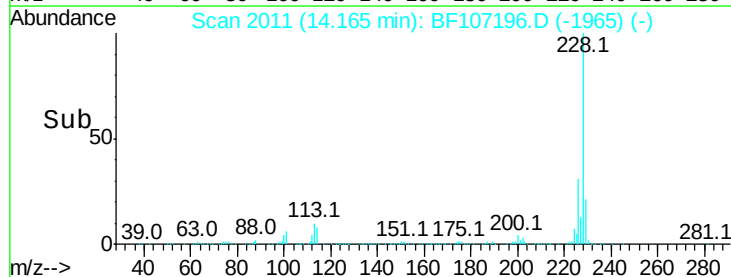
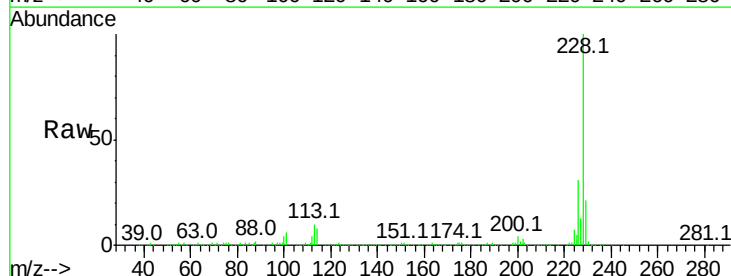
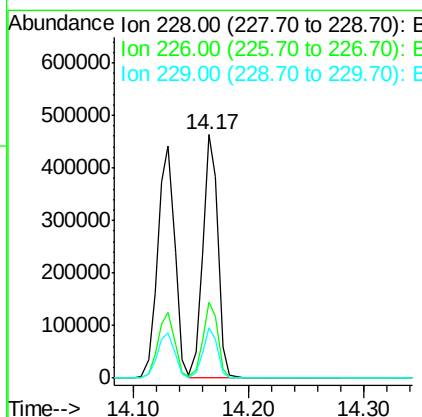
Manual Integrations
 APPROVED

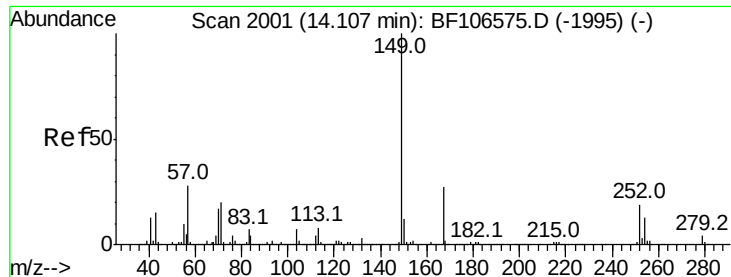
Sohil
 7/9/2018 2:06:10 PM



#82
 Chrysene
 Concen: 36.786 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.4	25.0	37.6
229	20.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.777 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

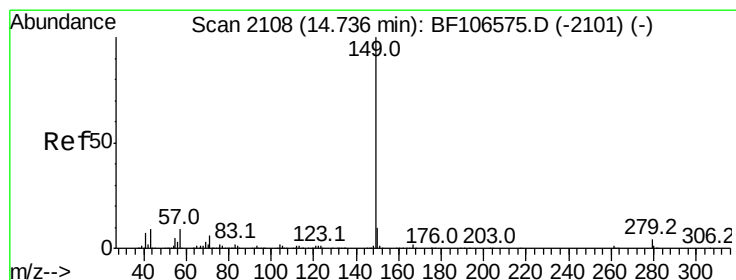
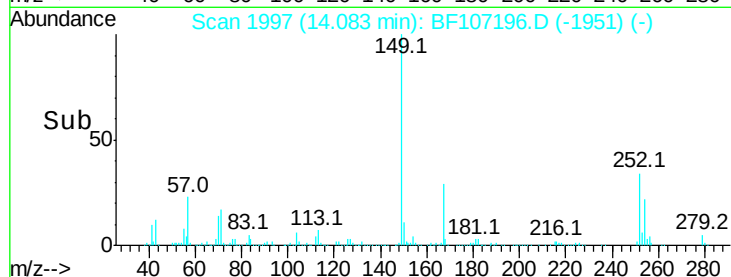
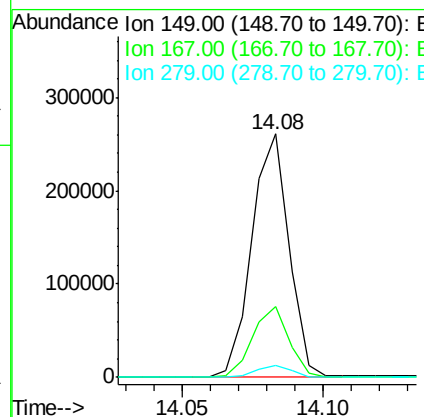
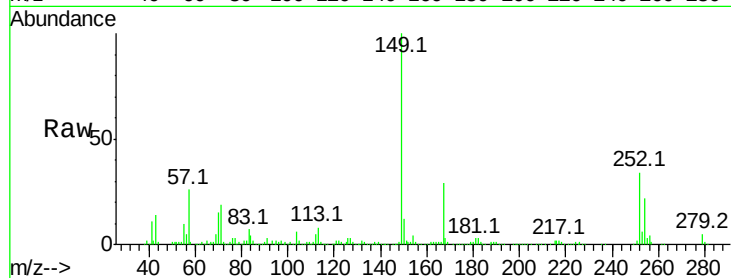
ClientSampleId :

PB110879BS

Tot Ion:	149	Resp:	235583
Ion Ratio	Lower	Upper	
149	100		
167	28.8	21.3	31.9
279	5.0	3.0	4.4#

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:10 PM



#84

Di-n-octyl phthalate

Concen: 31.749 ng

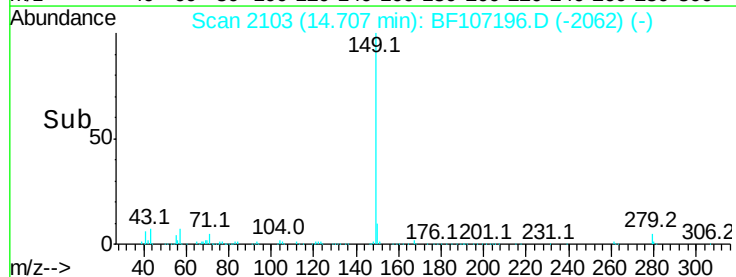
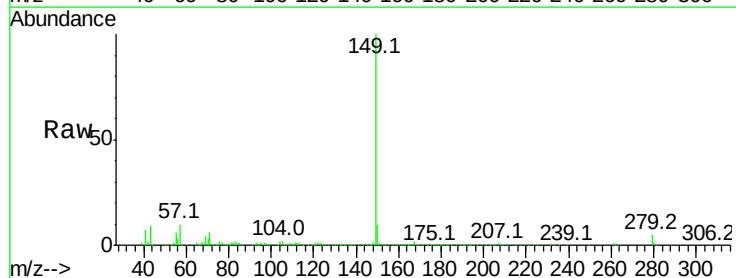
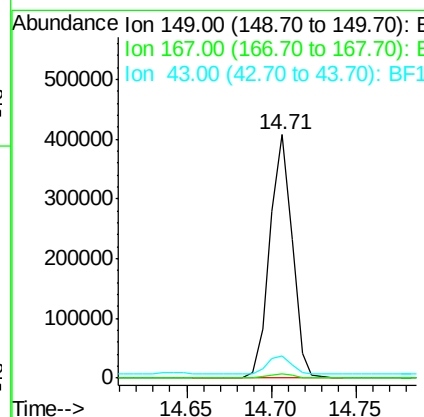
RT: 14.71 min Scan# 2103

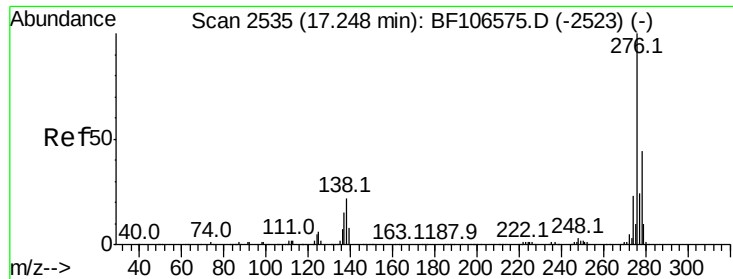
Delta R.T. -0.06 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion:	149	Resp:	371965
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	8.4	8.4	12.6#





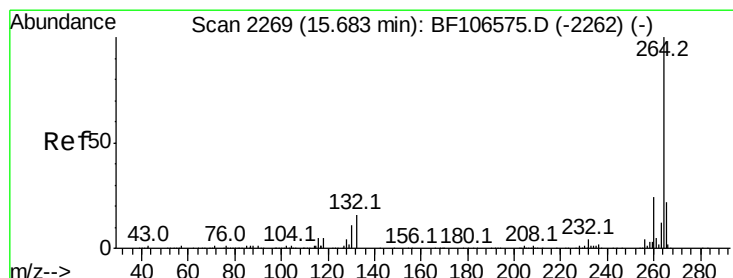
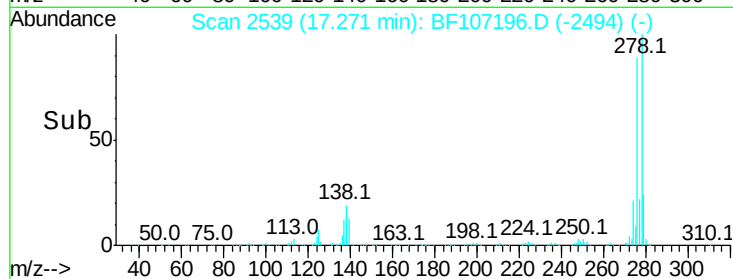
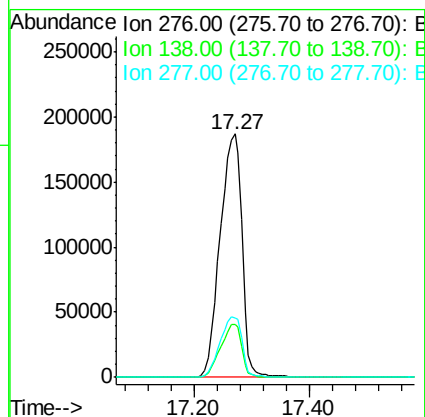
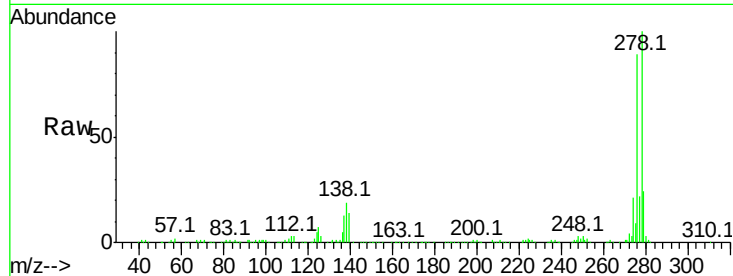
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.018 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	25.0	37.6#
277	25.2	20.1	30.1

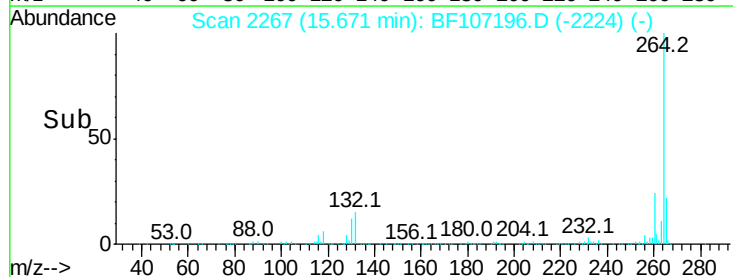
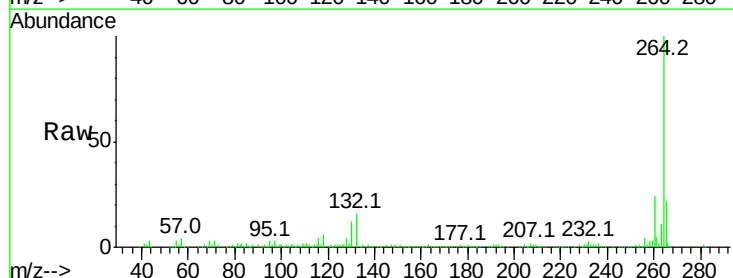
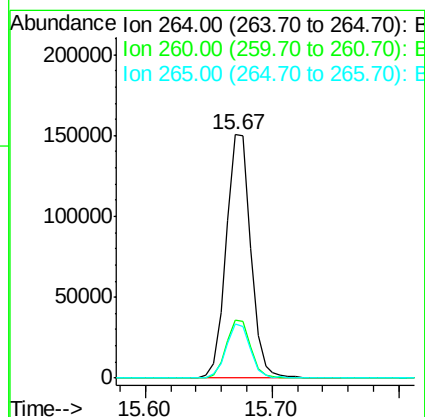
Manual Integrations
APPROVED

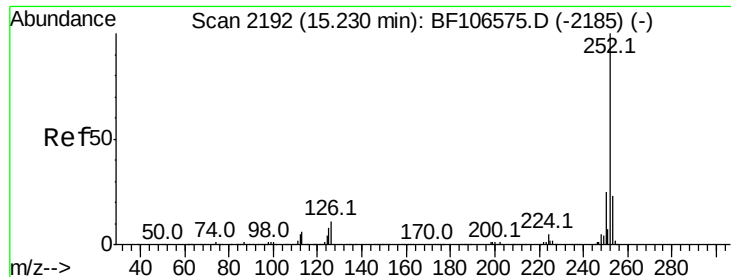
Sohil
7/9/2018 2:06:10 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	17.5	26.3





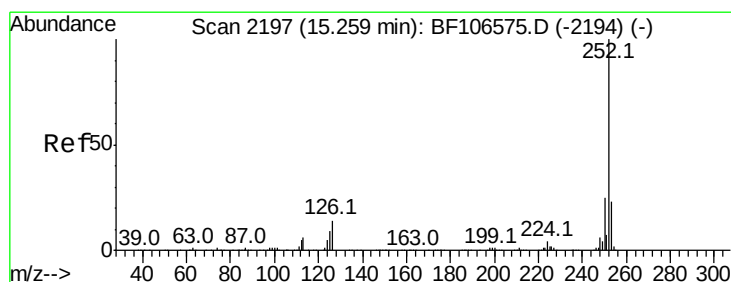
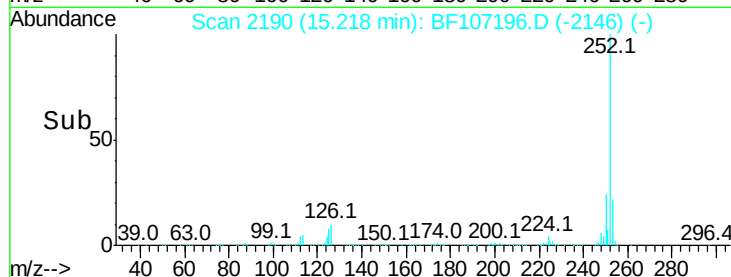
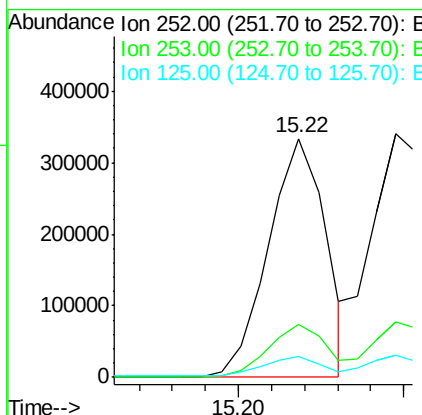
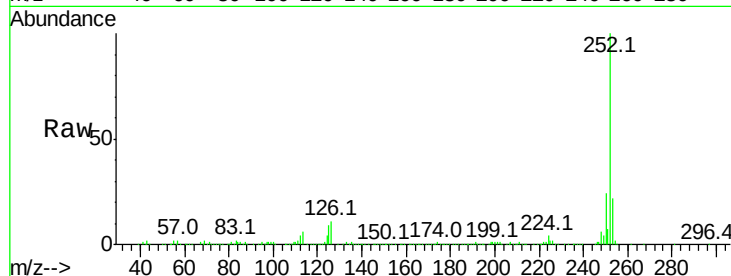
#87
Benzo(b)fluoranthene
Concen: 31.843 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	8.7	9.0	13.6#

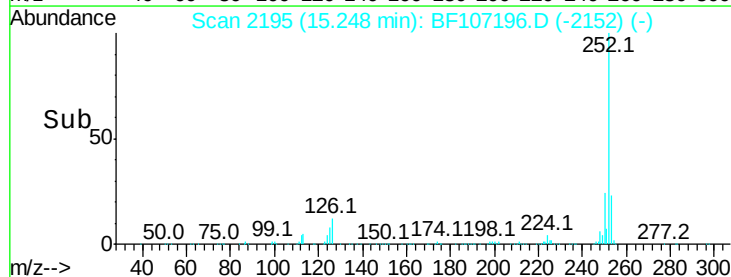
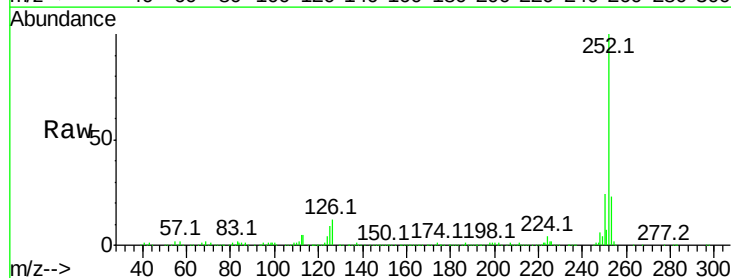
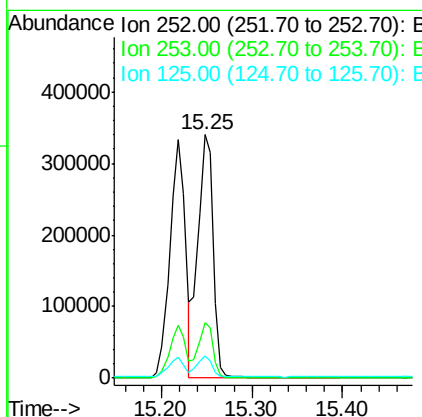
Manual Integrations
APPROVED

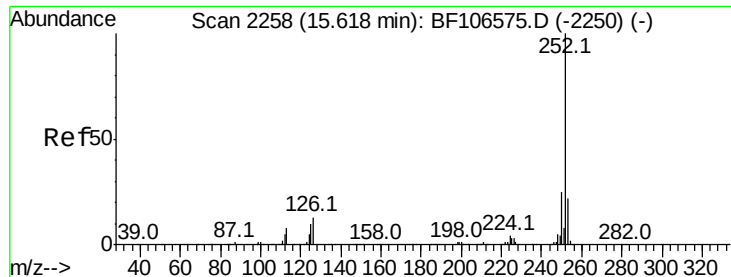
Sohil
7/9/2018 2:06:10 PM



#88
Benzo(k)fluoranthene
Concen: 33.753 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	9.1	10.2	15.2#





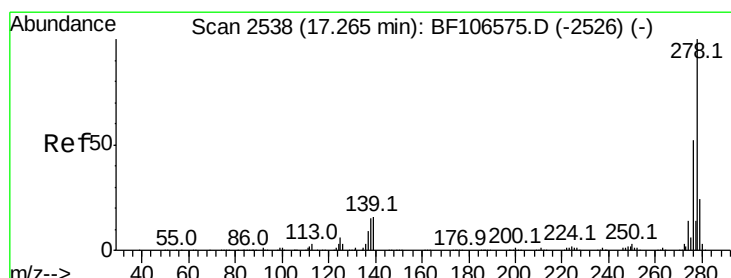
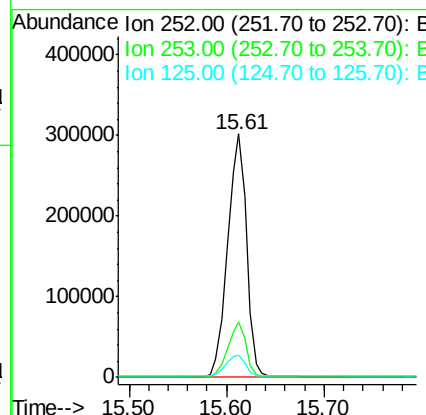
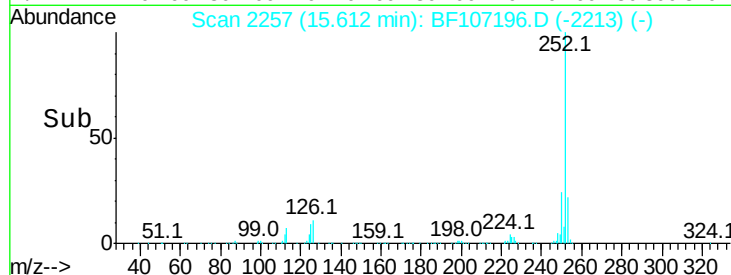
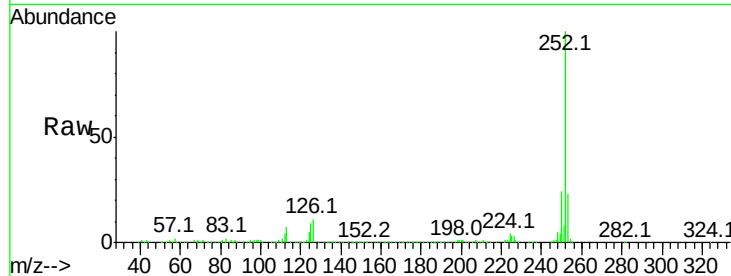
#89
Benzo(a)pyrene
Concen: 36.510 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	9.0	9.8	14.6

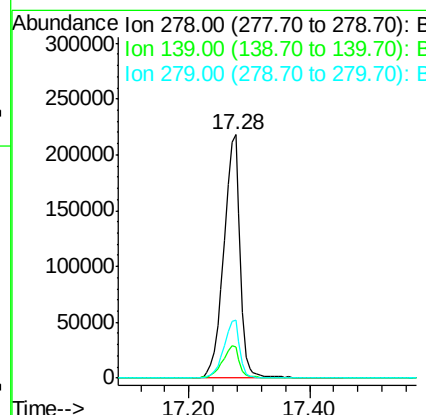
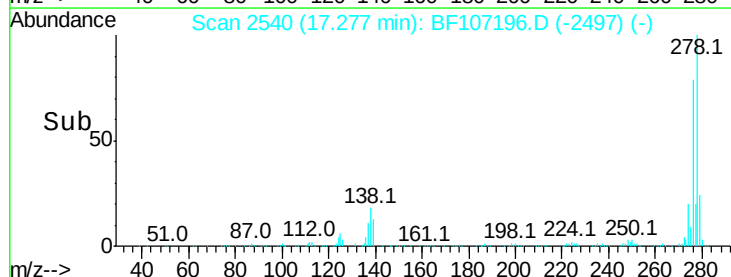
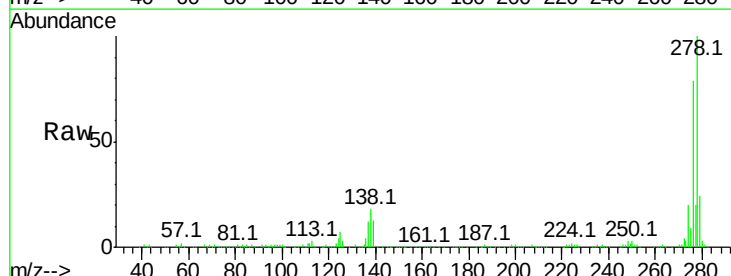
Manual Integrations
APPROVED

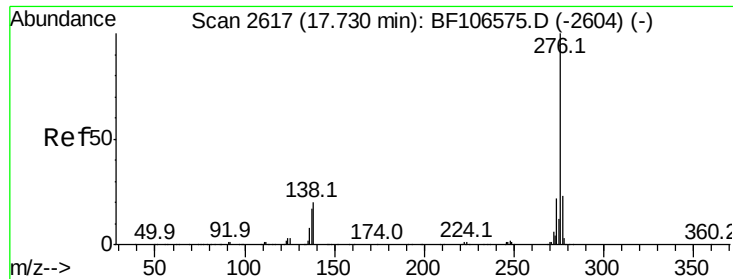
Sohil
7/9/2018 2:06:10 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.081 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.05 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	15.9	23.9
279	24.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.357 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.04 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.2	17.9	26.9
138	19.4	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:10 PM

