

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106761.D
 Acq On : 25 Jun 2018 10:40
 Operator : JU/SJ
 Sample : PB110506BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110506BS

Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:55:28 AM

Quant Time: Jun 25 13:55:00 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 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	57219	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	228852	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	126380	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	275048	20.00	ng	0.00
75) Chrysene-d12	14.16	240	254544	20.00	ng	0.00
86) Perylene-d12	15.70	264	215868	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	370132	109.54	ng	0.01
7) Phenol-d6	6.61	99	469374	111.23	ng	0.00
23) Nitrobenzene-d5	7.53	82	309983	75.28	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	185559	126.68	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	596540	78.82	ng	0.00
78) Terphenyl-d14	13.08	244	814505	77.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	48821	28.103	ng	99
3) Pyridine	3.64	79	144001	30.564	ng	97
4) n-Nitrosodimethylamine	3.61	42	61722	30.844	ng	84
6) Aniline	6.63	93	111607	19.498	ng	# 77
8) 2-Chlorophenol	6.75	128	136934	36.947	ng	98
9) Benzaldehyde	6.51	77	66002	20.072	ng	99
10) Phenol	6.62	94	164703	34.200	ng	86
11) bis(2-Chloroethyl)ether	6.70	93	136837	34.418	ng	99
12) 1,3-Dichlorobenzene	6.90	146	160037	36.868	ng	97
13) 1,4-Dichlorobenzene	6.98	146	160212	36.506	ng	97
14) 1,2-Dichlorobenzene	7.13	146	149887	37.267	ng	98
15) Benzyl Alcohol	7.11	79	119698	35.326	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	193947	37.181	ng	69
17) 2-Methylphenol	7.22	107	118681	37.419	ng	# 91
18) Hexachloroethane	7.47	117	55041	35.665	ng	# 83
19) n-Nitroso-di-n-propylamine	7.37	70	92593	33.288	ng	94
20) 3+4-Methylphenols	7.37	107	144885	41.371	ng	# 69
22) Acetophenone	7.37	105	185349	36.201	ng	98
24) Nitrobenzene	7.55	77	148479	35.316	ng	99
25) Isophorone	7.78	82	275377	37.949	ng	100
26) 2-Nitrophenol	7.86	139	79486	40.049	ng	97
27) 2,4-Dimethylphenol	7.90	122	128657	41.939	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	177264	36.383	ng	99
29) 2,4-Dichlorophenol	8.11	162	128821	40.110	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	141718	40.055	ng	98
31) Naphthalene	8.27	128	402952	37.661	ng	99
32) Benzoic acid	8.03	122	73642	34.793	ng	93
33) 4-Chloroaniline	8.31	127	49109	10.939	ng	98
34) Hexachlorobutadiene	8.37	225	93562	40.584	ng	98
35) Caprolactam	8.70	113	46788m	44.691	ng	
36) 4-Chloro-3-methylphenol	8.81	107	134108	39.671	ng	93
37) 2-Methylnaphthalene	8.96	142	299687	42.258	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	156997	36.888	ng	# 97
40) Hexachlorocyclopentadiene	9.11	237	150632	68.790	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106761.D
 Acq On : 25 Jun 2018 10:40
 Operator : JU/SJ
 Sample : PB110506BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110506BS

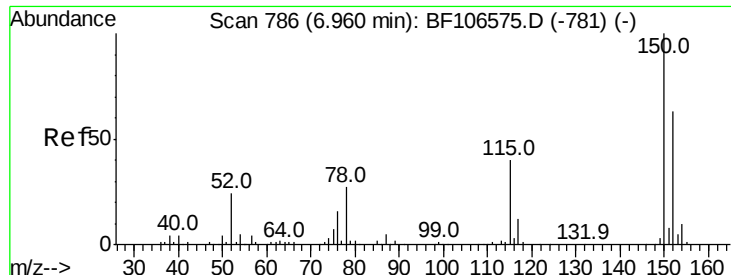
Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:55:28 AM

Quant Time: Jun 25 13:55:00 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 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	97956	34.625	nq	92
43) 2,4,5-Trichlorophenol	9.29	196	103942	35.210	nq	# 87
45) 1,1'-Biphenyl	9.42	154	363512	36.092	nq	98
46) 2-Chloronaphthalene	9.45	162	270485	34.118	nq	96
47) 2-Nitroaniline	9.55	65	86680	32.514	nq	93
48) Acenaphthylene	9.87	152	435873	34.823	nq	99
49) Dimethylphthalate	9.72	163	331519	34.975	nq	98
50) 2,6-Dinitrotoluene	9.79	165	78377	39.049	nq	88
51) Acenaphthene	10.04	154	260059	32.994	nq	98
52) 3-Nitroaniline	9.96	138	40411	17.496	nq	99
53) 2,4-Dinitrophenol	10.07	184	72812	70.457	nq	# 20
54) Dibenzofuran	10.21	168	408275	37.828	nq	97
55) 4-Nitrophenol	10.15	139	95075	58.973	nq	96
56) 2,4-Dinitrotoluene	10.20	165	107830	41.158	nq	88
57) Fluorene	10.55	166	320525	37.425	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	96006	40.912	nq	# 79
59) Diethylphthalate	10.42	149	321440	35.136	nq	# 93
60) 4-Chlorophenyl-phenylether	10.54	204	167648	37.412	nq	# 84
61) 4-Nitroaniline	10.58	138	84820	37.003	nq	95
62) Azobenzene	10.70	77	304745	33.827	nq	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	60285	35.458	nq	78
65) n-Nitrosodiphenylamine	10.67	169	286658	30.986	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	120536	36.720	nq	# 78
67) Hexachlorobenzene	11.10	284	127719	37.175	nq	# 85
68) Atrazine	11.19	200	111437	37.891	nq	94
69) Pentachlorophenol	11.30	266	99788	58.211	nq	99
70) Phenanthrene	11.52	178	492811	37.148	nq	99
71) Anthracene	11.58	178	508744	37.571	nq	99
72) Carbazole	11.73	167	465656	36.731	nq	98
73) Di-n-butylphthalate	12.04	149	528145	35.362	nq	99
74) Fluoranthene	12.72	202	576193	39.406	nq	94
76) Benzidine	12.83	184	212556	29.321	nq	97
77) Pyrene	12.95	202	582822	34.722	nq	100
79) Butylbenzylphthalate	13.55	149	238185	34.513	nq	# 95
80) Benzo(a)anthracene	14.15	228	570880	36.798	nq	100
81) 3,3'-Dichlorobenzidine	14.10	252	86473	15.859	nq	# 97
82) Chrysene	14.19	228	523408	36.672	nq	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	320139	36.284	nq	# 96
84) Di-n-octyl phthalate	14.75	149	548242	38.120	nq	95
85) Indeno(1,2,3-cd)pyrene	17.28	276	461824	38.129	nq	# 89
87) Benzo(b)fluoranthene	15.25	252	498666	37.187	nq	# 96
88) Benzo(k)fluoranthene	15.28	252	480880	37.657	nq	# 95
89) Benzo(a)pyrene	15.64	252	456348	38.282	nq	# 95
90) Dibenzo(a,h)anthracene	17.30	278	379051	37.519	nq	# 94
91) Benzo(g,h,i)perylene	17.77	276	392999	39.799	nq	# 89

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



#1

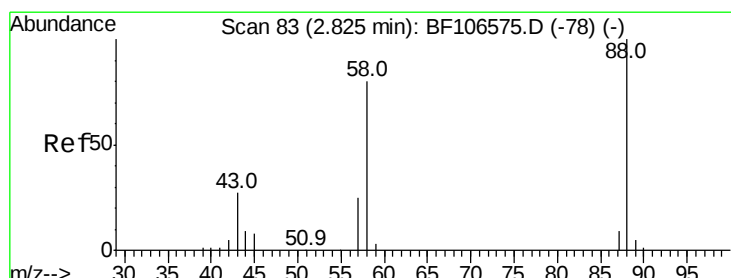
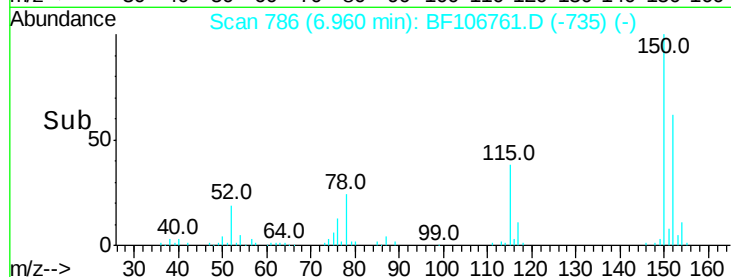
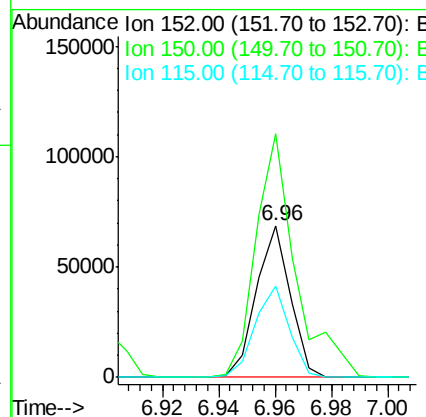
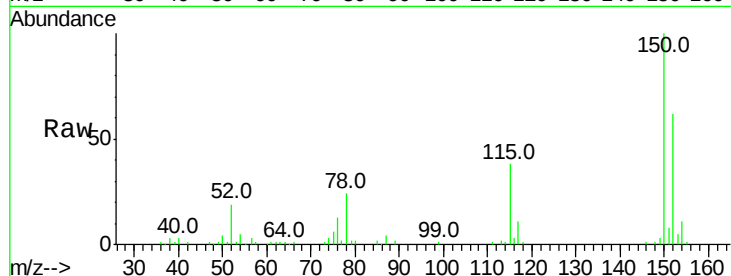
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	60.1	50.1	75.1

Manual Integrations
APPROVED

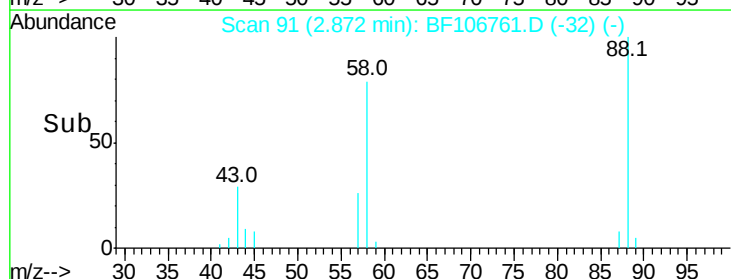
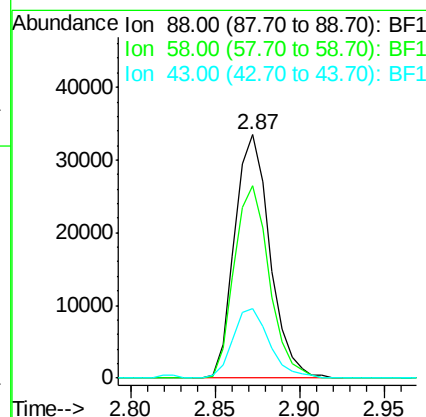
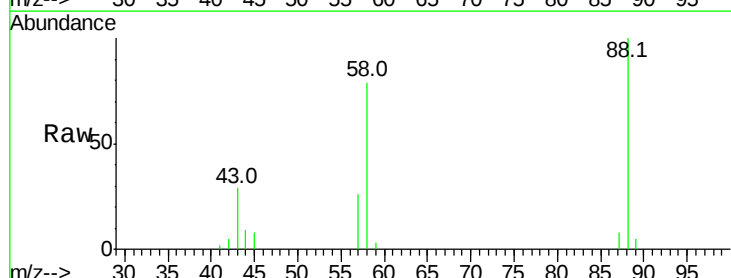
Sohil
6/27/2018 10:55:28 AM

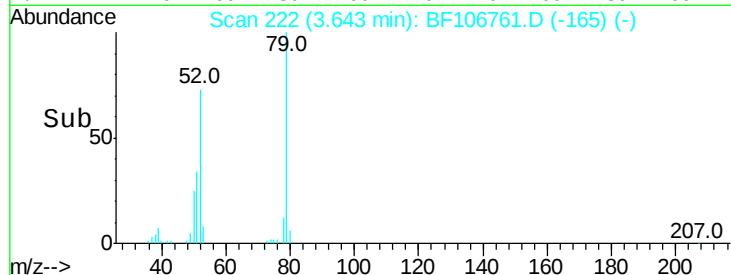
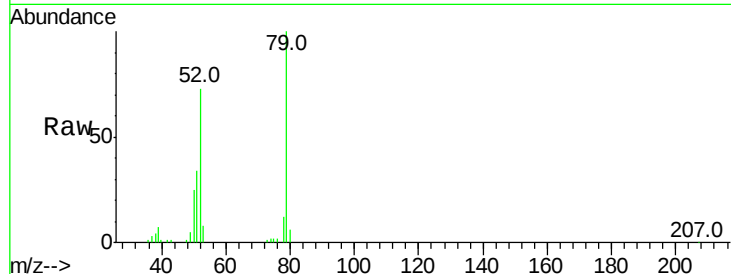
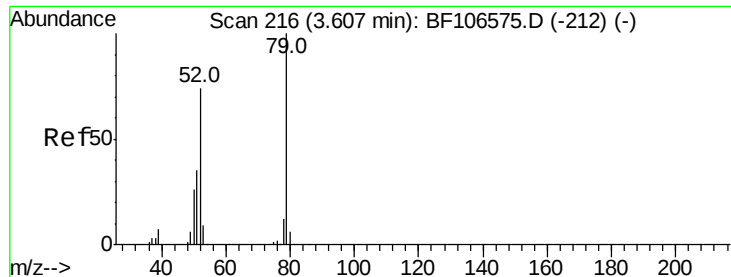


#2

1,4-Dioxane
Concen: 28.103 ng
RT: 2.87 min Scan# 91
Delta R.T. 0.05 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.5	62.6	93.8
43	29.4	24.6	37.0





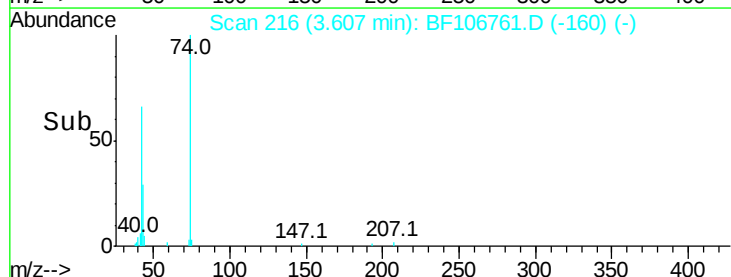
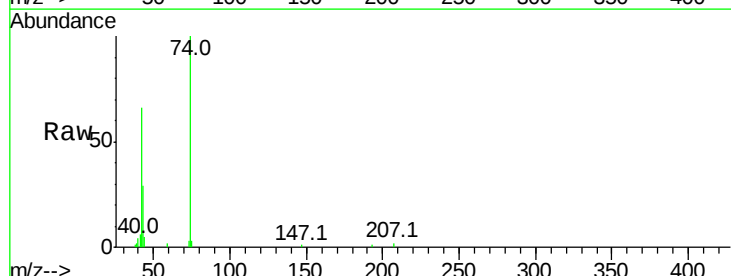
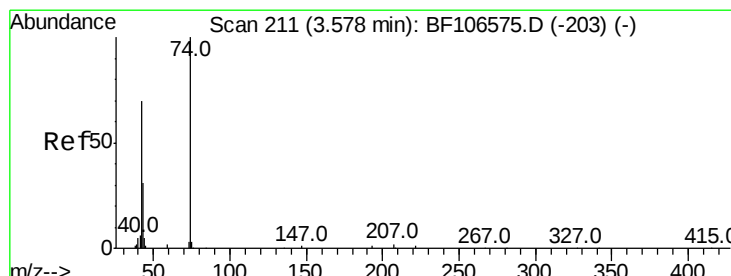
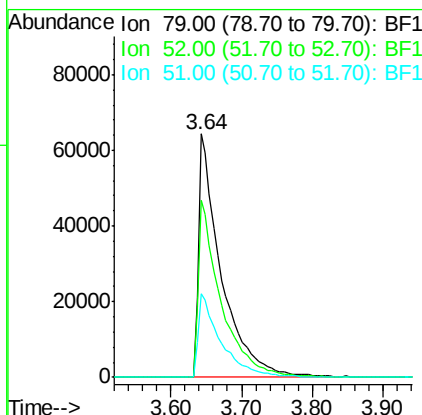
#3
 Pvridine
 Concen: 30.564 ng
 RT: 3.64 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	72.7	59.8	89.6		
51	34.1	29.8	44.8		

Instrument :
 BNA_F
 ClientSampleId :
 PB110506BS

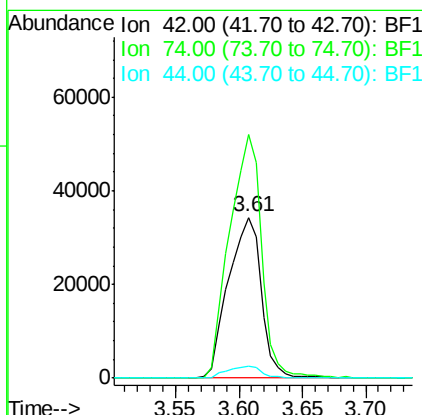
Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:55:28 AM



#4
 n-Nitrosodimethylamine
 Concen: 30.844 ng
 RT: 3.61 min Scan# 216
 Delta R.T. 0.03 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	151.4	104.9	157.3		
44	7.8	6.9	10.3		





#5

2-Fluorophenol

Concen: 109.535 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Instrument :

BNA_F

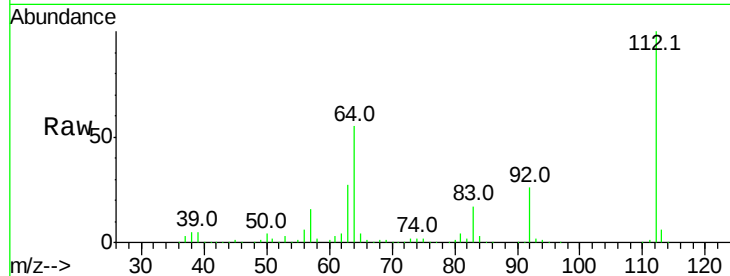
ClientSampleId :

PB110506BS

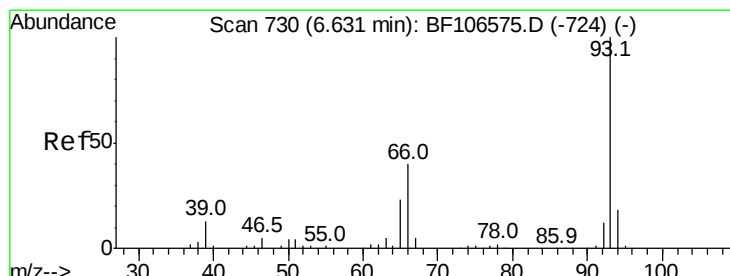
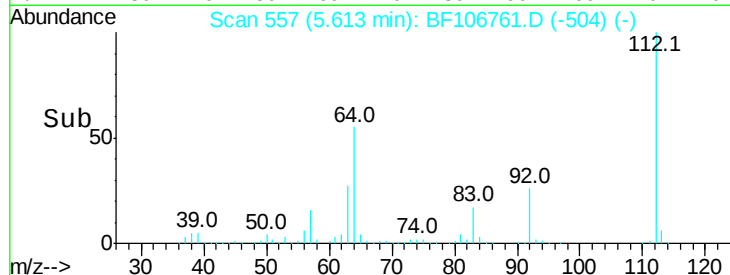
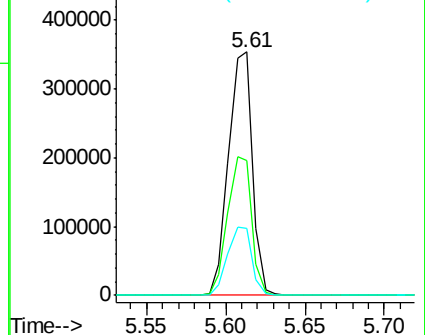
Tot Ion:	112	Resp:	370132
Ion Ratio	Lower	Upper	
112	100		
64	55.5	47.9	71.9
63	27.3	23.7	35.5

Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.498 ng

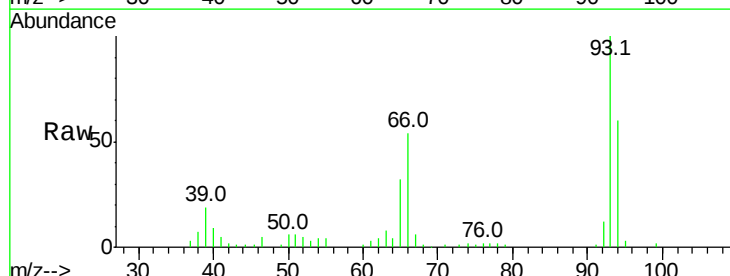
RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

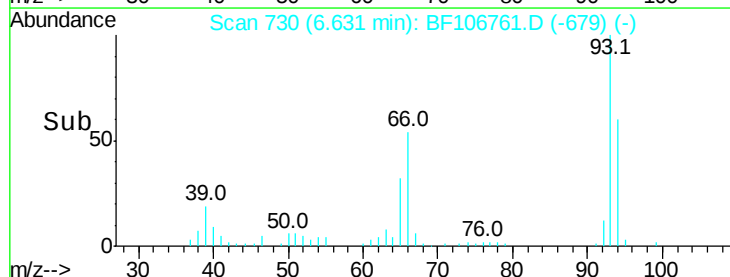
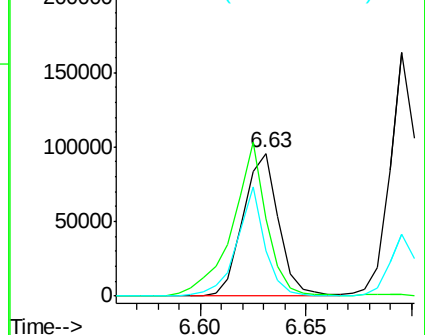
Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Tgt Ion:	93	Resp:	111607
Ion Ratio	Lower	Upper	
93	100		
66	54.0	32.2	48.2#
65	31.6	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.230 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Instrument :

BNA_F

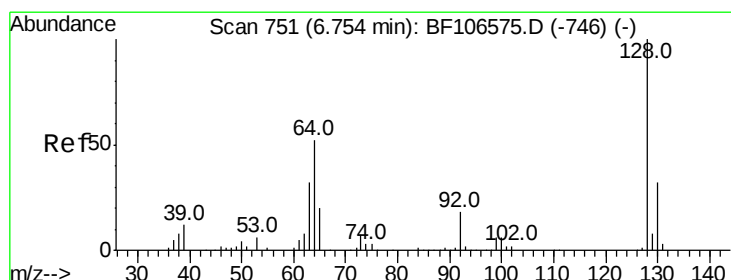
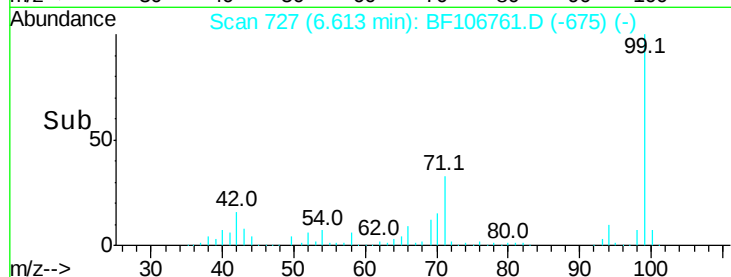
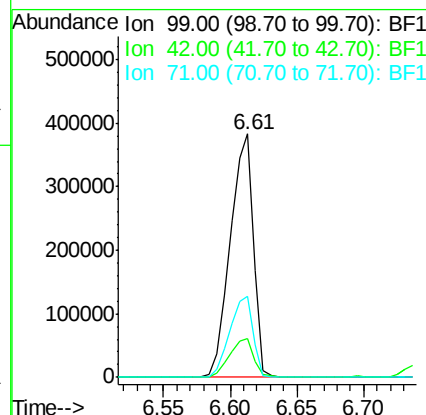
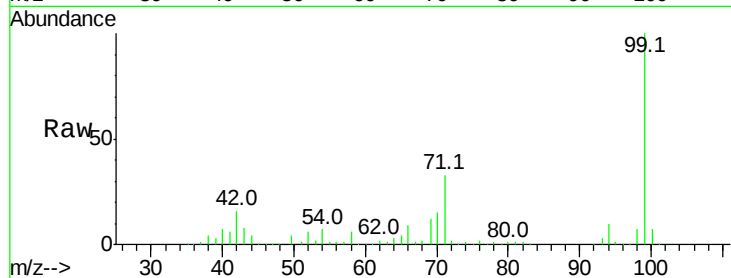
ClientSampleId :

PB110506BS

Tot Ion:	99	Resp:	469374
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	33.2	25.4	38.0

Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#8

2-Chlorophenol

Concen: 36.947 ng

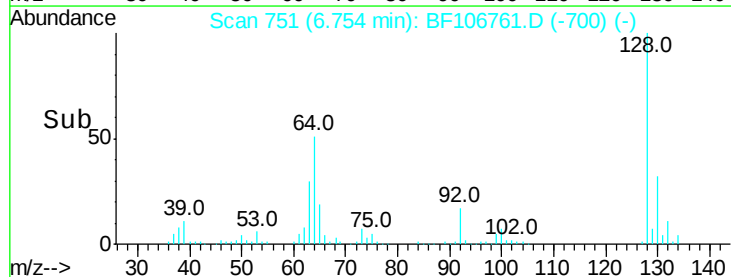
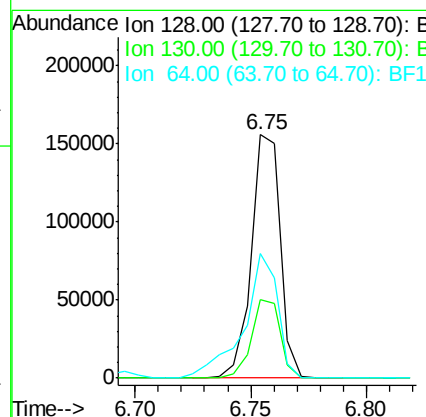
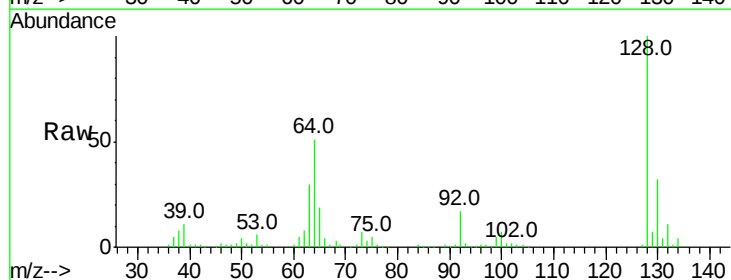
RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Tgt Ion:	128	Resp:	136934
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.0	53.0
64	51.2	29.4	69.4





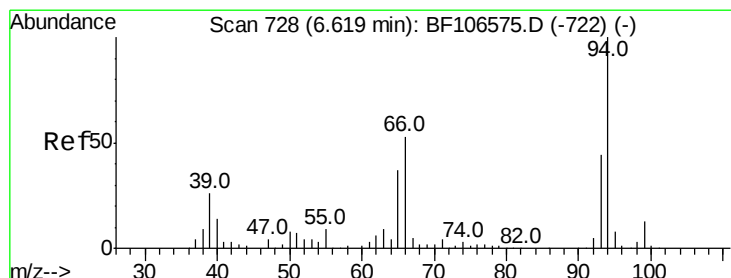
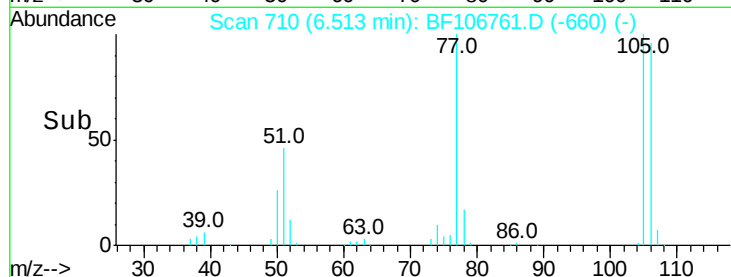
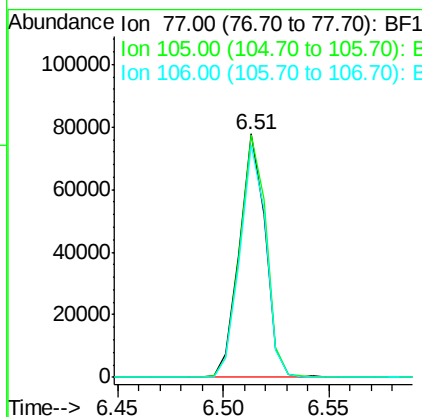
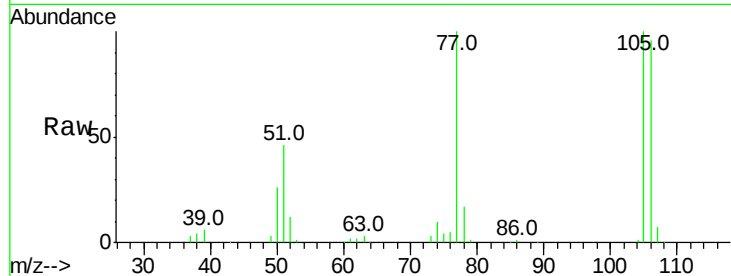
#9
Benzaldehyde
Concen: 20.072 ng
RT: 6.51 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleID :
PB110506BS

Tot Ion: 77 Resp: 66002
Ion Ratio Lower Upper
77 100
105 99.6 81.1 121.1
106 95.6 74.5 114.5

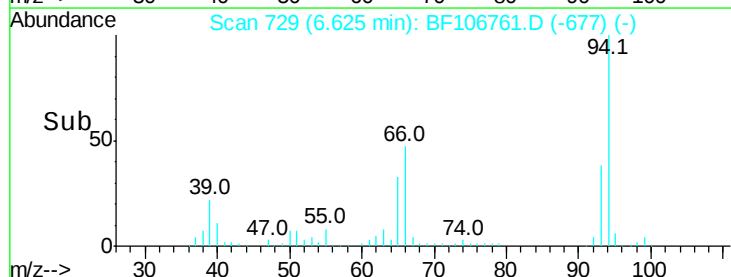
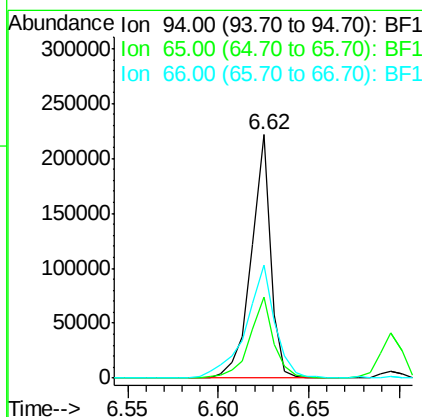
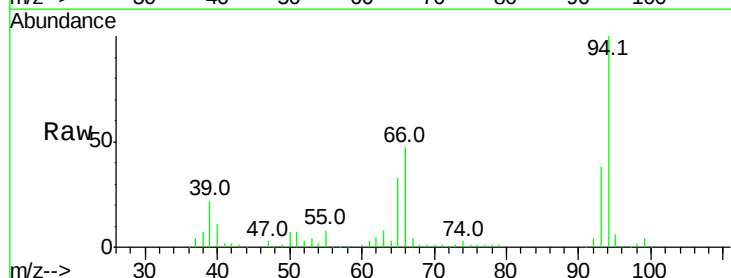
Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#10
Phenol
Concen: 34.200 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion: 94 Resp: 164703
Ion Ratio Lower Upper
94 100
65 33.2 7.9 47.9
66 46.6 16.2 56.2





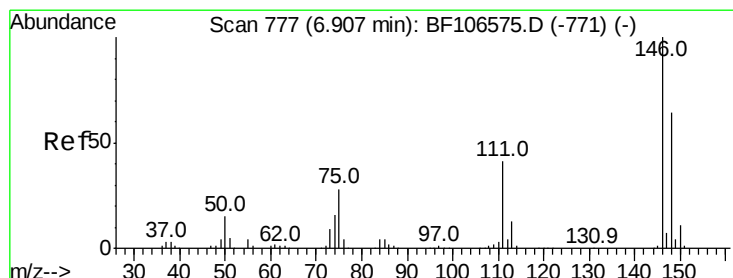
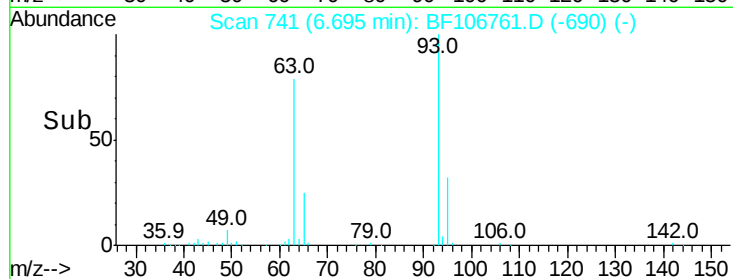
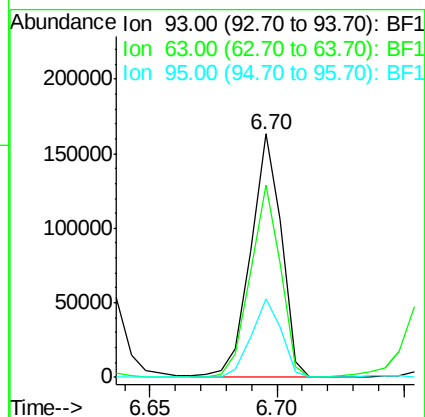
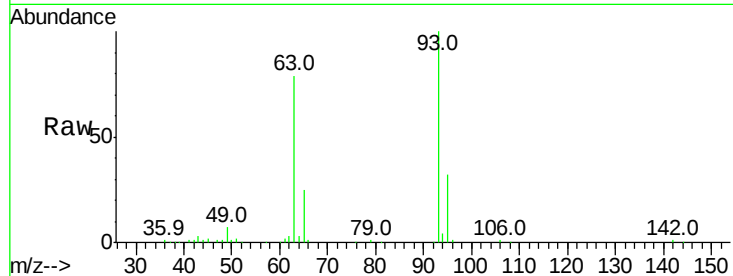
#11
bis(2-Chloroethyl)ether
Concen: 34.418 ng
RT: 6.70 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.3	58.6	98.6
95	32.0	11.8	51.8

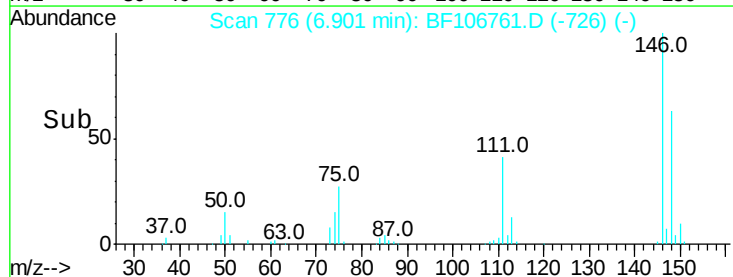
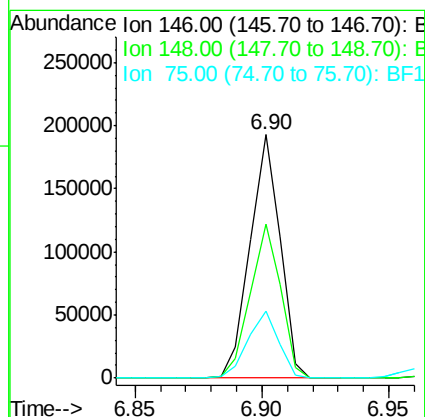
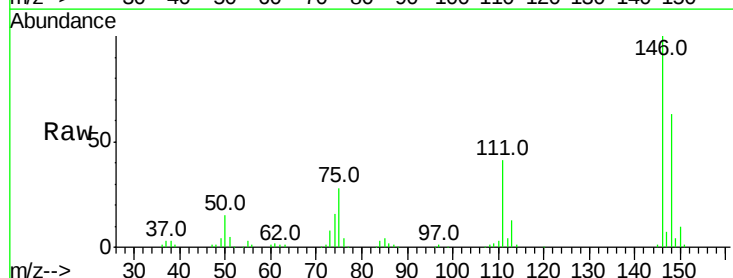
Manual Integrations
APPROVED

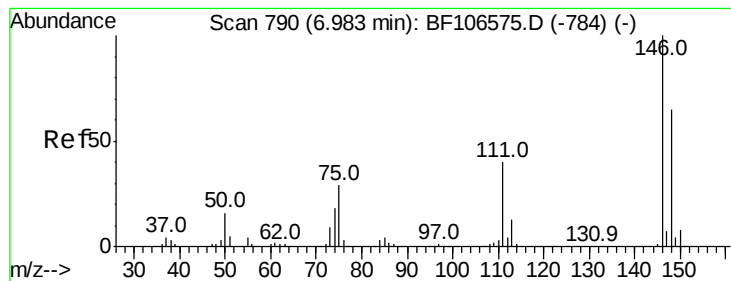
Sohil
6/27/2018 10:55:28 AM



#12
1,3-Dichlorobenzene
Concen: 36.868 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	27.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.506 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Instrument :

BNA_F

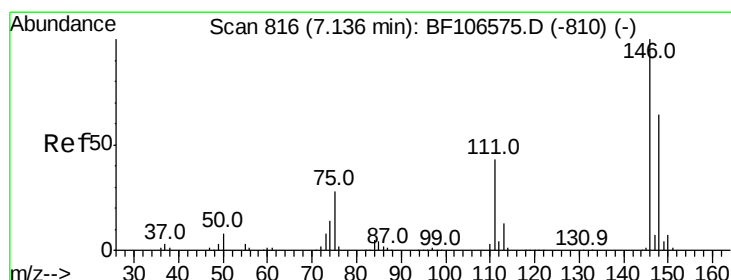
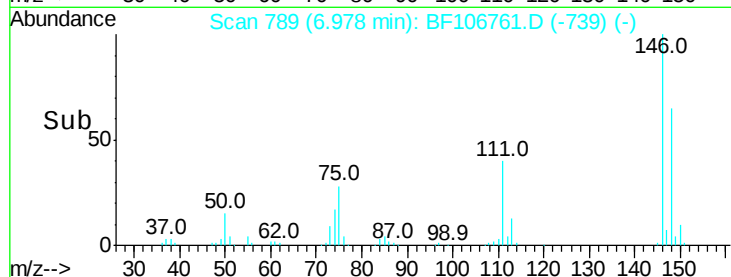
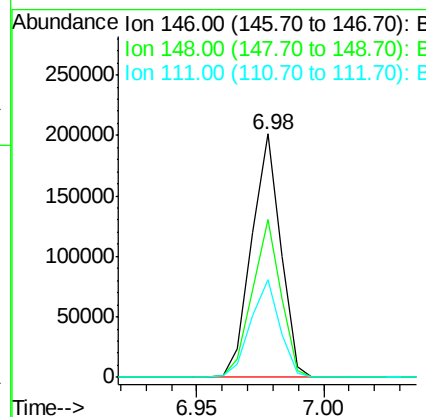
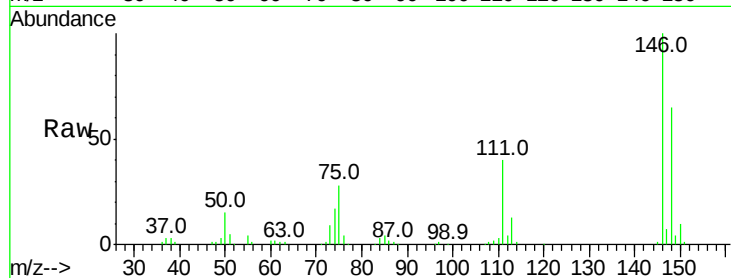
ClientSampled :

PB110506BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	40.2	34.2	51.2

Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#14

1,2-Dichlorobenzene

Concen: 37.267 ng

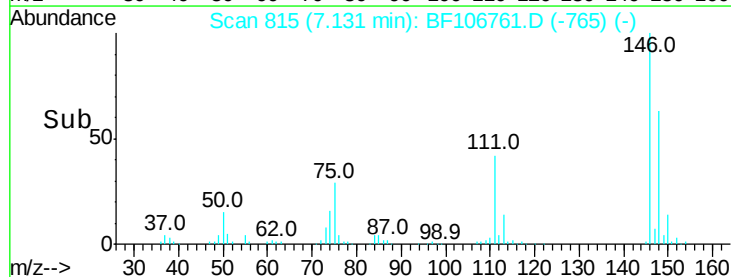
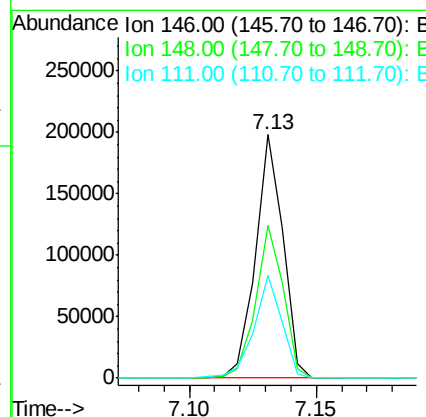
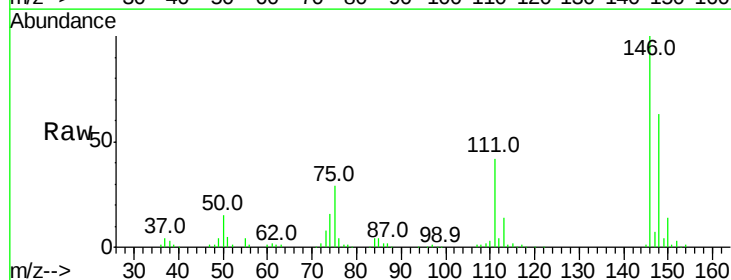
RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	42.2	36.0	54.0





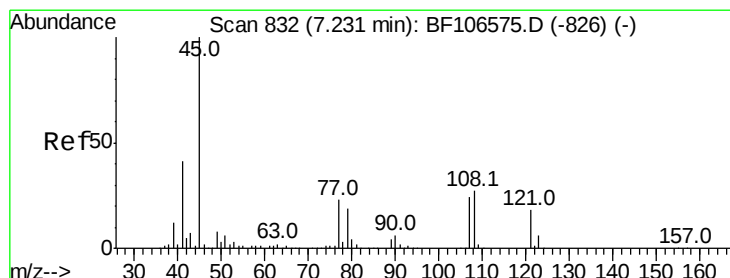
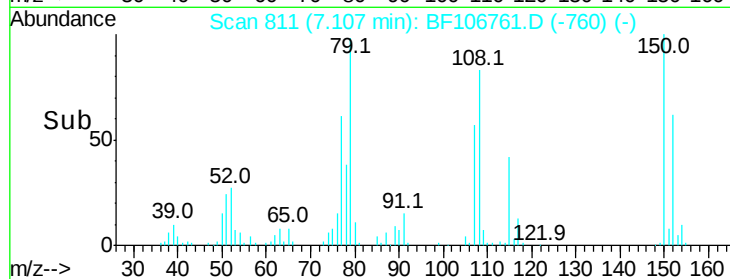
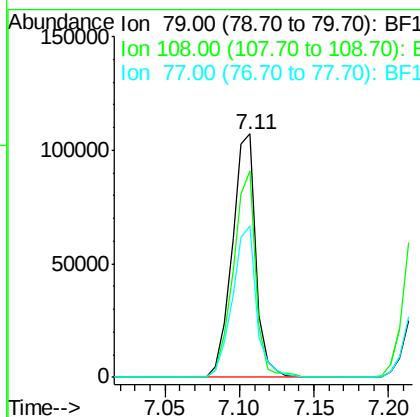
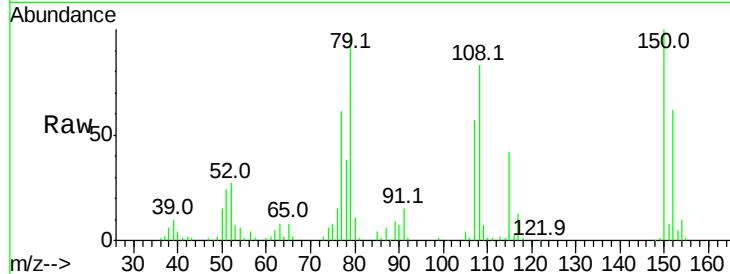
#15
Benzyl Alcohol
Concen: 35.326 ng
RT: 7.11 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampled :
PB110506BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.8	65.1	97.7
77	62.1	50.6	75.8

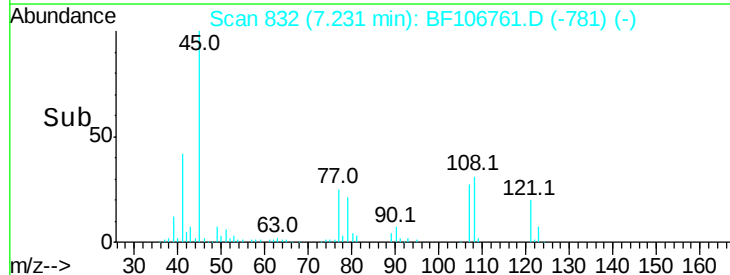
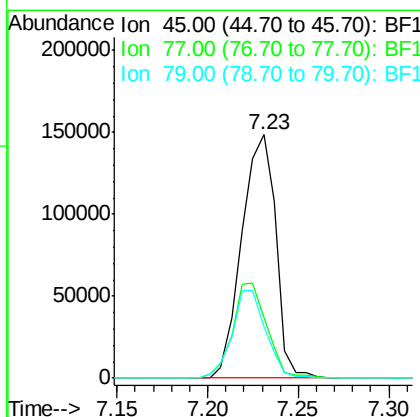
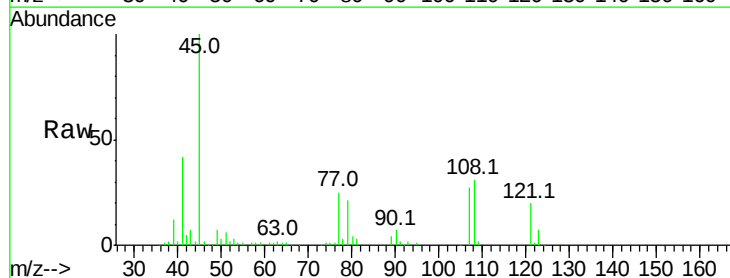
Manual Integrations
APPROVED

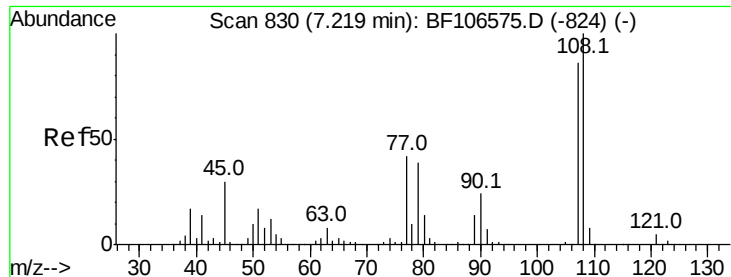
Sohil
6/27/2018 10:55:28 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.181 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.8	0.0	32.9
79	21.1	0.0	29.6





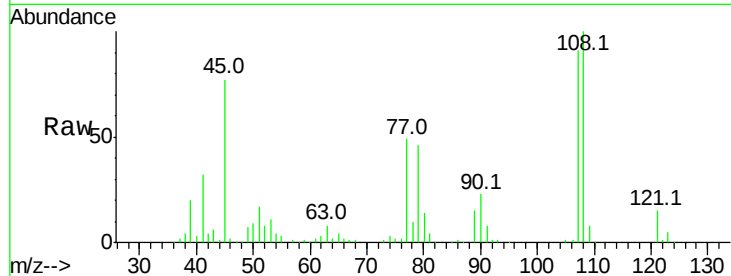
#17
2-Methylphenol
Concen: 37.419 ng
RT: 7.22 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	91.7	137.5	
77	53.7	33.8	50.8#	
79	50.3	33.8	50.8	

Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



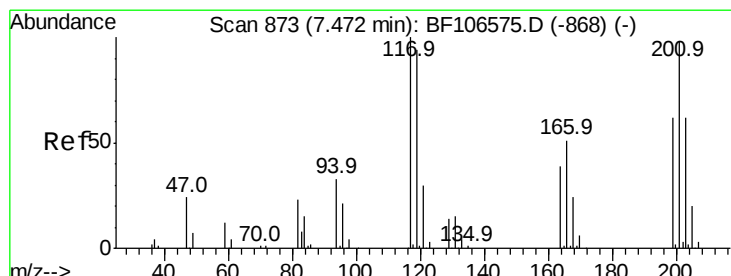
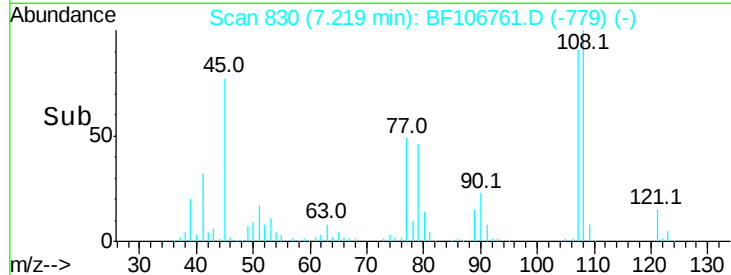
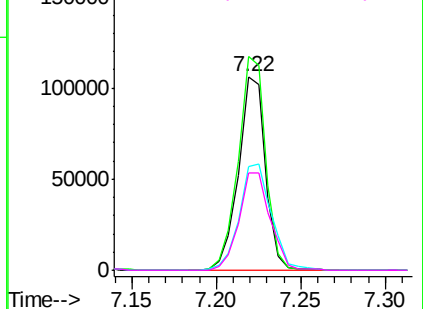
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.665 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

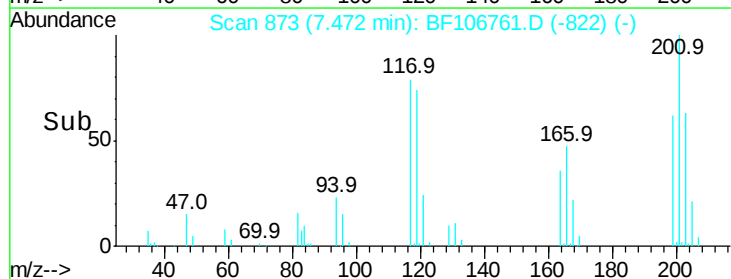
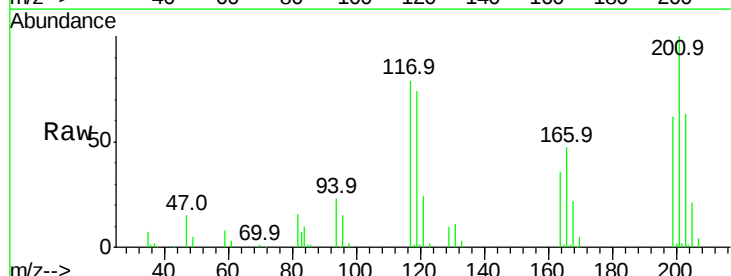
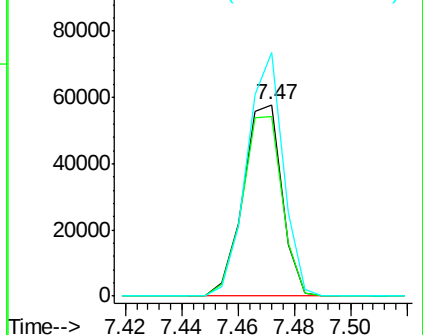
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	75.8	113.8	
201	127.1	75.7	113.5#	

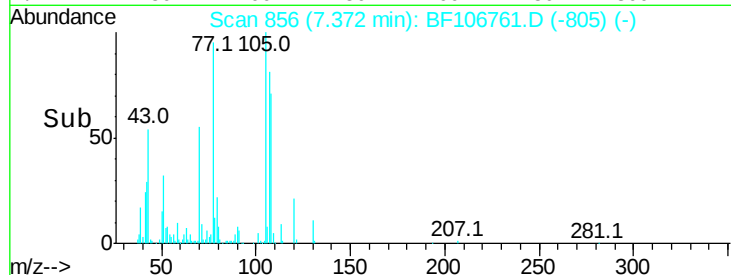
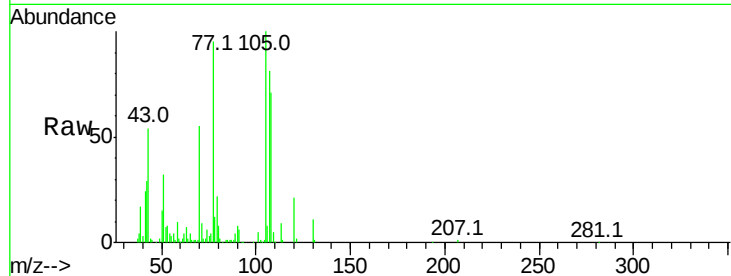
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





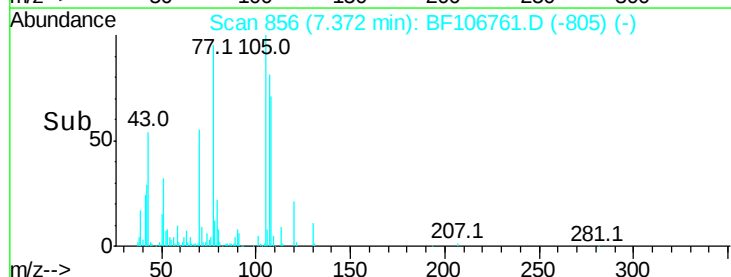
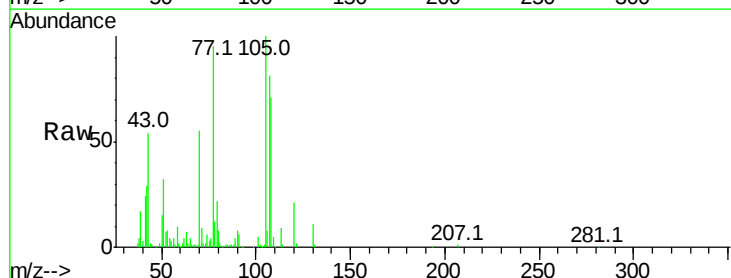
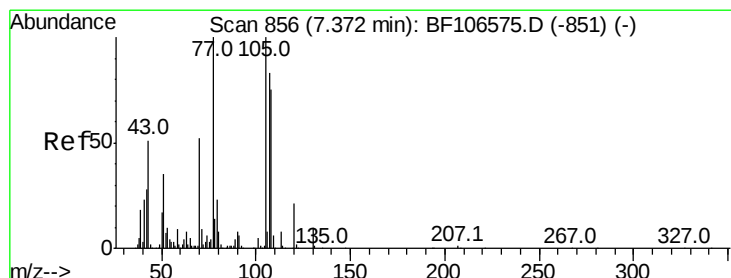
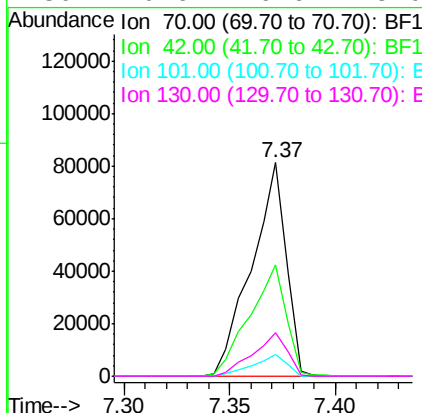
#19
n-Nitroso-di-n-propylamine
Concen: 33.288 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.4	47.5	71.3
101	9.9	7.4	11.2
130	20.6	16.6	25.0

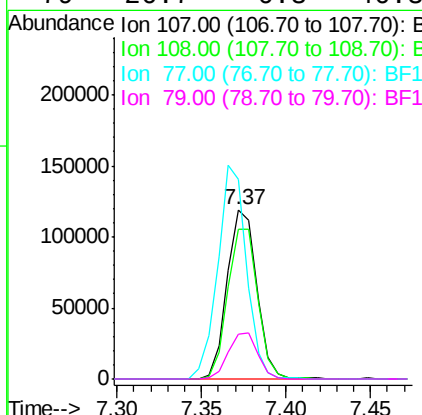
Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#20
3+4-Methylphenols
Concen: 41.371 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.2	108.2
77	118.2	26.7	66.7#
79	26.7	6.3	46.3





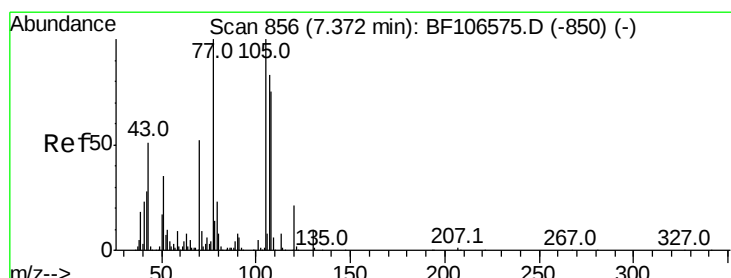
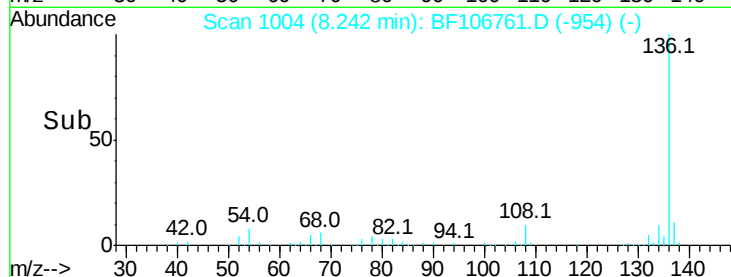
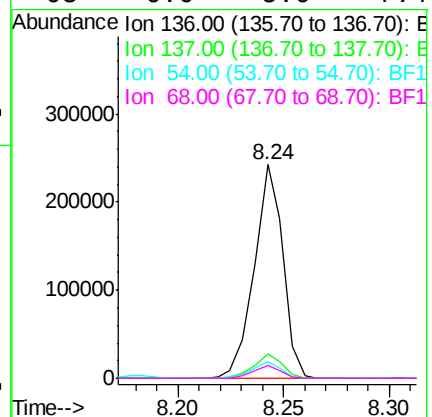
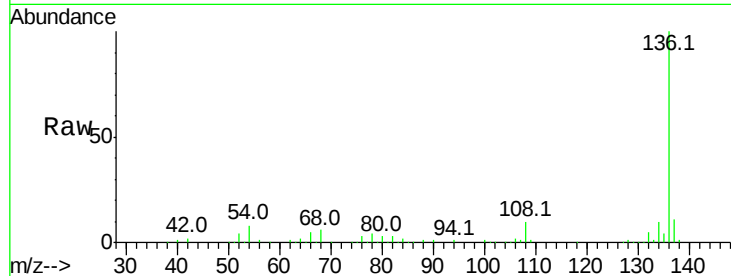
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	7.7	6.6	9.8	
68	6.0	5.0	7.4	

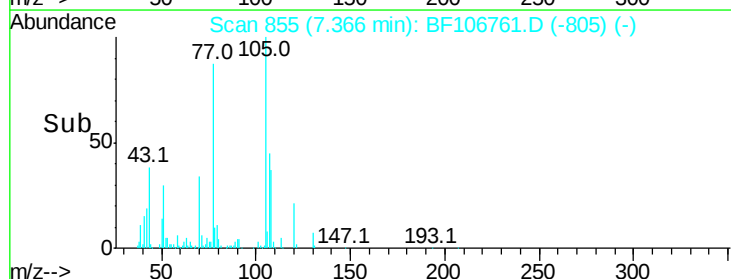
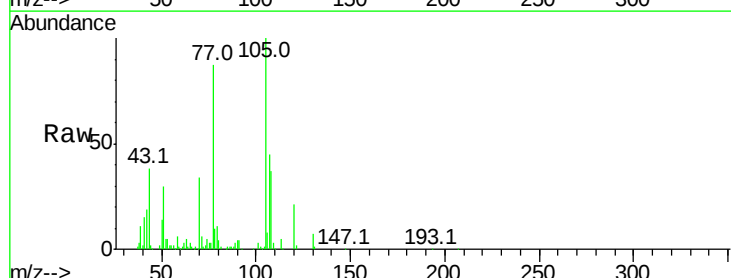
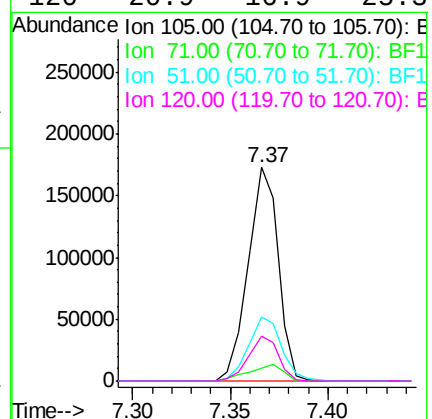
Manual Integrations
APPROVED

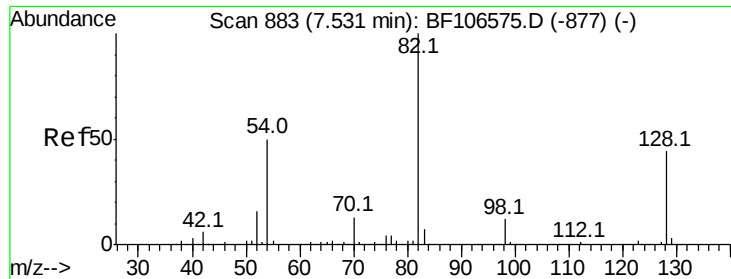
Sohil
6/27/2018 10:55:28 AM



#22
Acetophenone
Concen: 36.201 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.9	4.4	6.6	
51	29.8	22.3	33.5	
120	20.9	16.9	25.3	





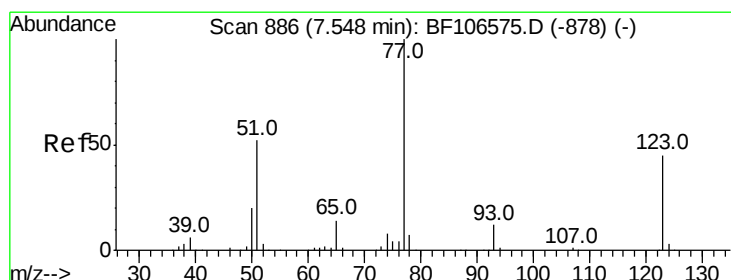
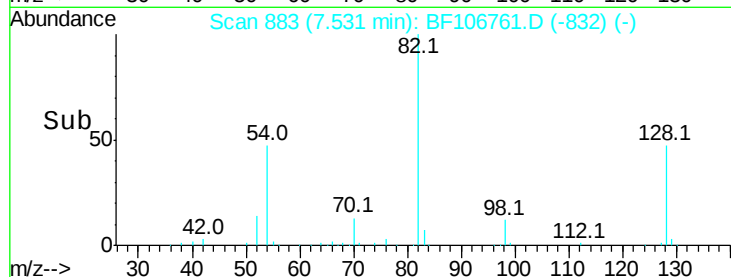
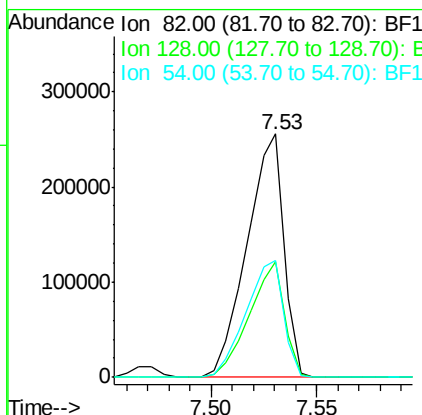
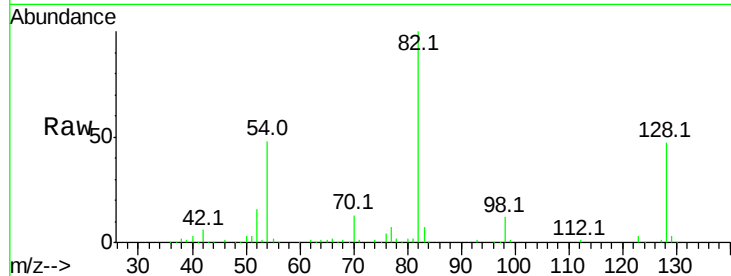
#23
Nitrobenzene-d5
Concen: 75.275 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	309983		
128	47.3	36.1	54.1	
54	47.9	41.4	62.2	

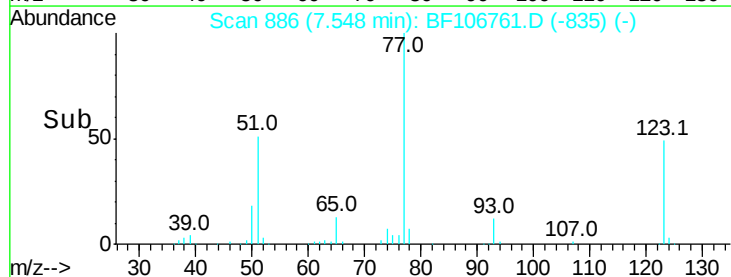
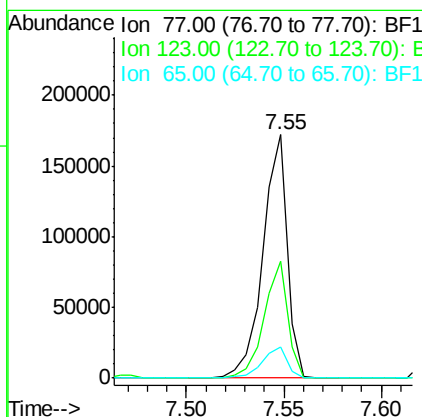
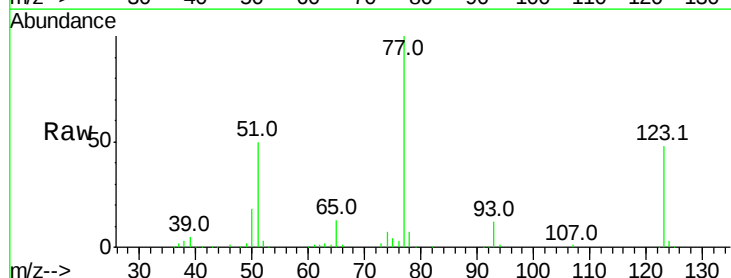
Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#24
Nitrobenzene
Concen: 35.316 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	148479		
123	48.1	37.9	56.9	
65	13.0	11.0	16.4	





#25

Isophorone

Concen: 37.949 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Instrument :

BNA_F

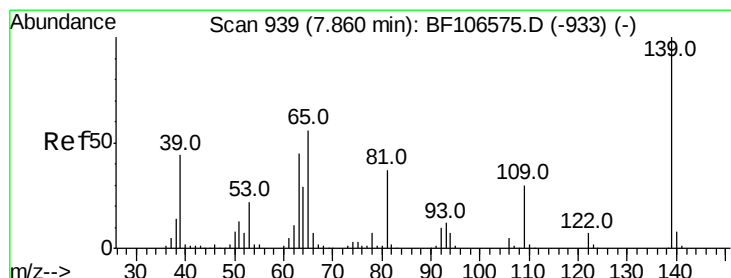
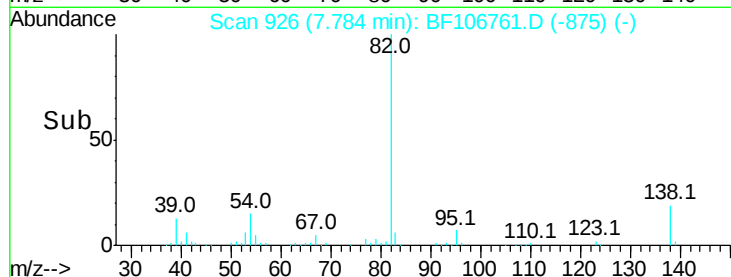
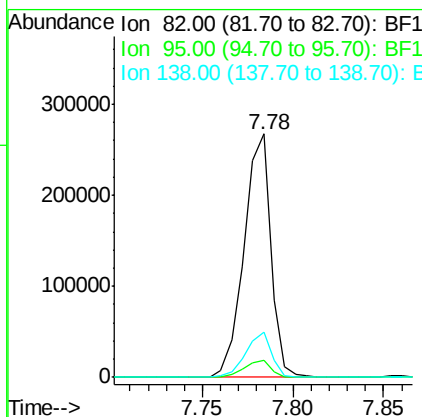
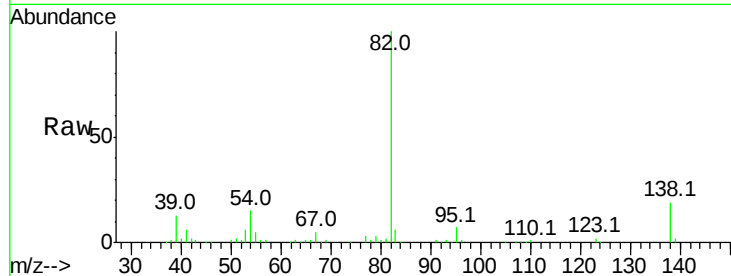
ClientSampleId :

PB110506BS

Tot Ion:	82	Resp:	275377
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	18.5	14.9	22.3

Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#26

2-Nitrophenol

Concen: 40.049 ng

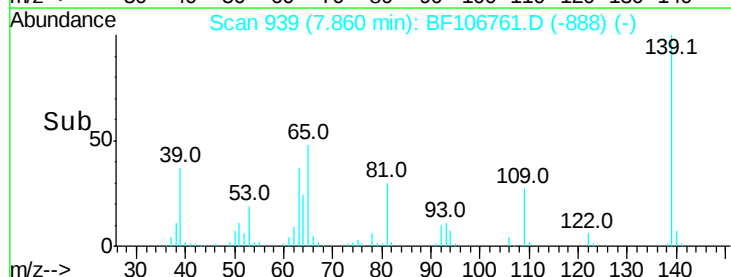
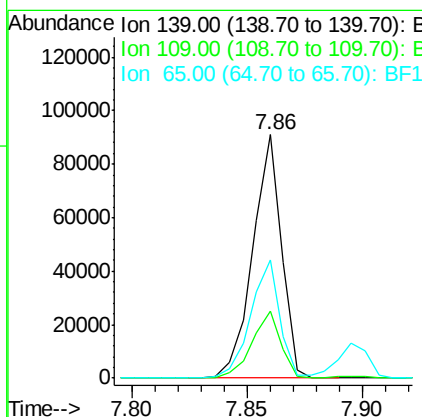
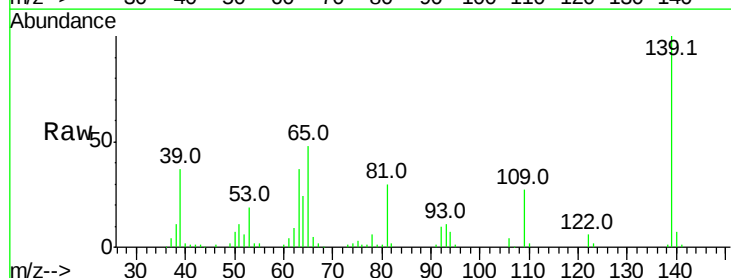
RT: 7.86 min Scan# 939

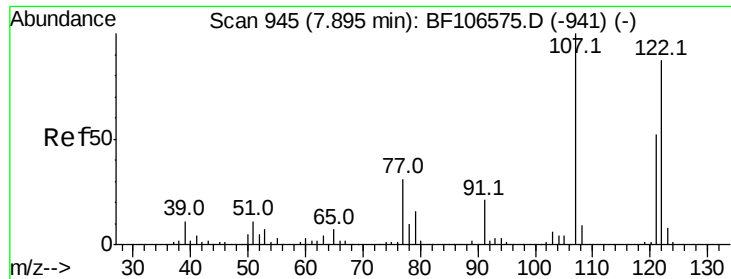
Delta R.T. 0.00 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Tgt Ion:	139	Resp:	79486
Ion Ratio	Lower	Upper	
139	100		
109	27.4	22.7	34.1
65	48.3	40.5	60.7





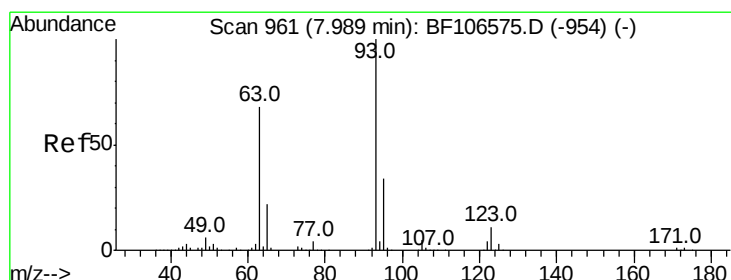
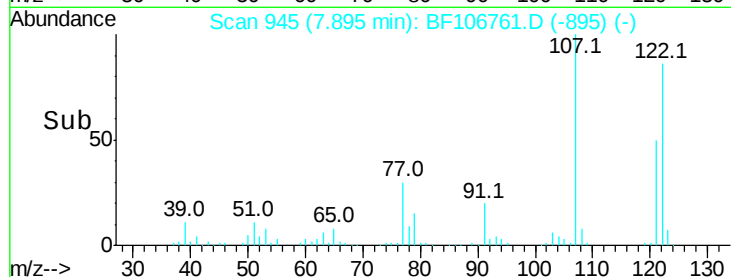
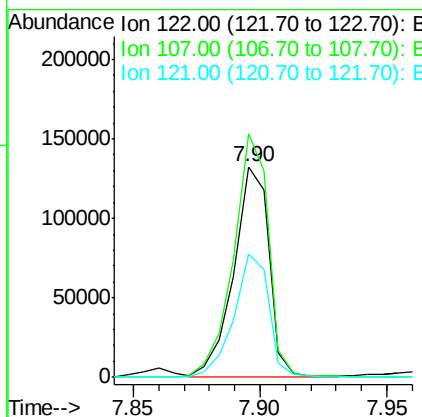
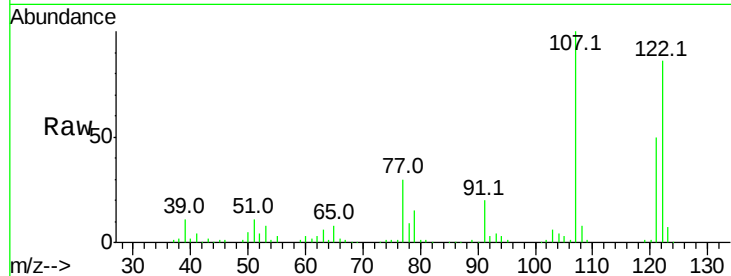
#27
2,4-Dimethylphenol
Concen: 41.939 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.2	136.8
121	58.3	47.2	70.8

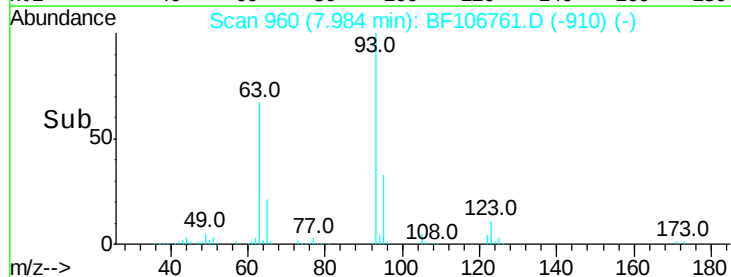
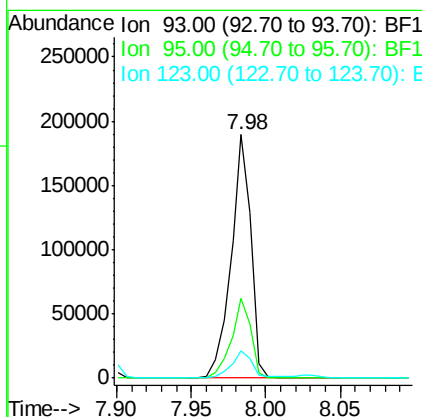
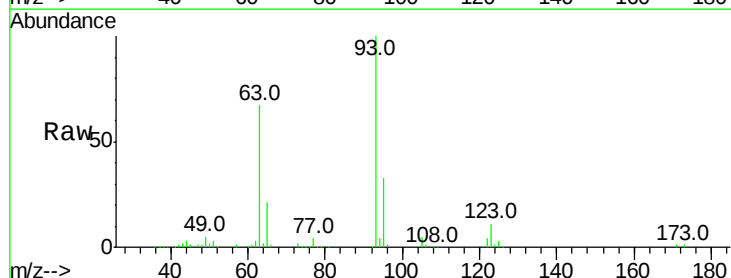
Manual Integrations
APPROVED

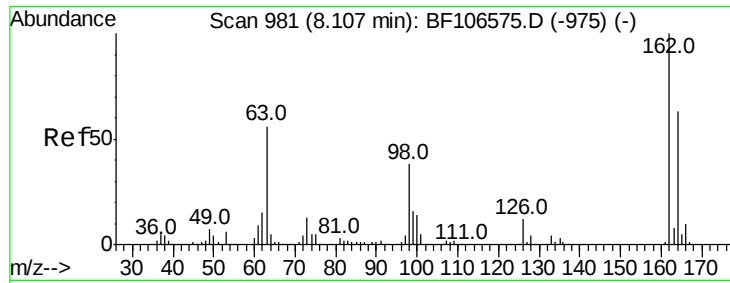
Sohil
6/27/2018 10:55:28 AM



#28
bis(2-Chloroethoxy)methane
Concen: 36.383 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.2	9.8	14.6





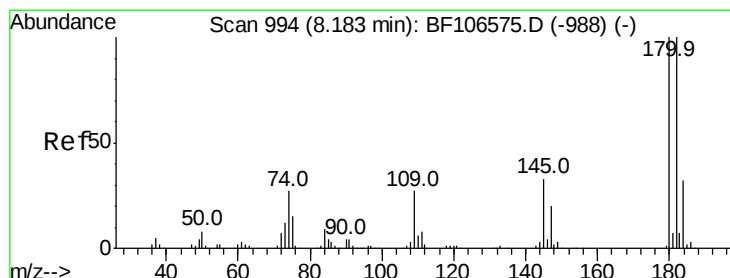
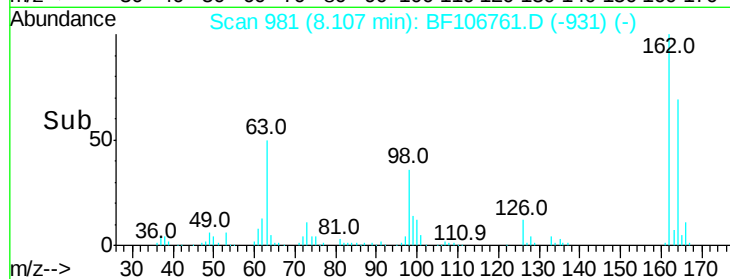
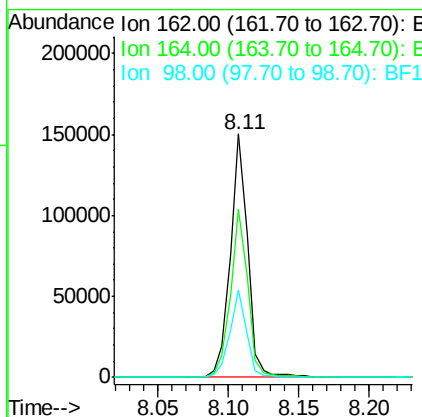
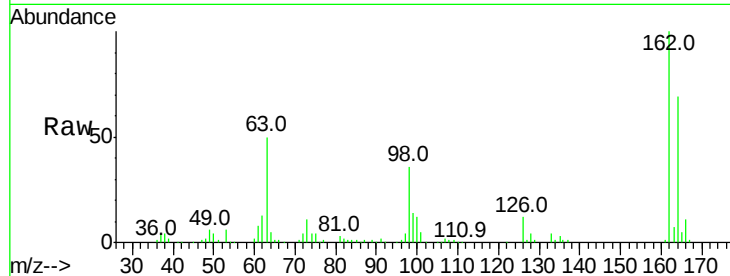
#29
2,4-Dichlorophenol
Concen: 40.110 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		128821		
164	68.9	42.7	82.7		
98	35.9	18.1	58.1		

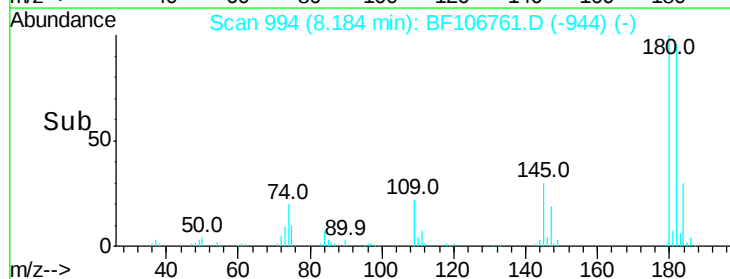
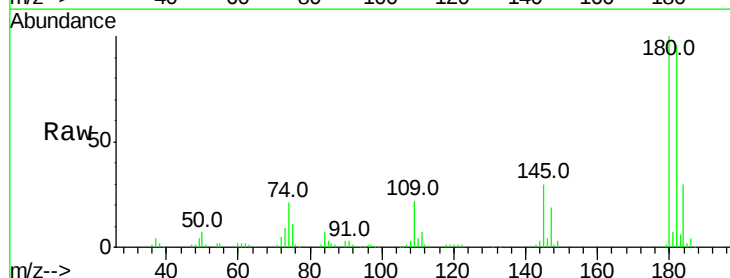
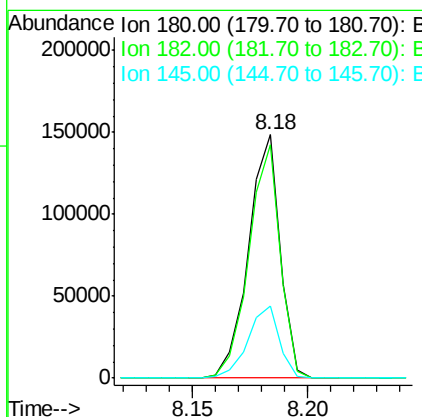
Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.055 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		141718		
182	96.1	76.8	115.2		
145	29.8	26.5	39.7		





#31

Naphthalene

Concen: 37.661 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Instrument :

BNA_F

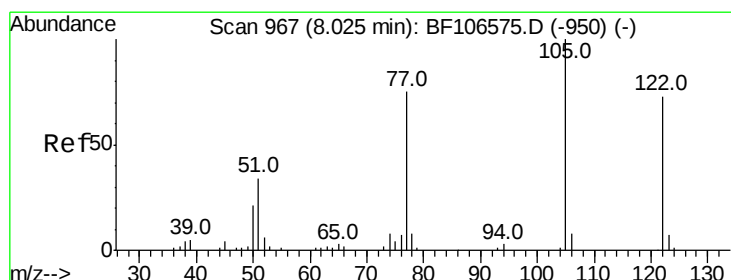
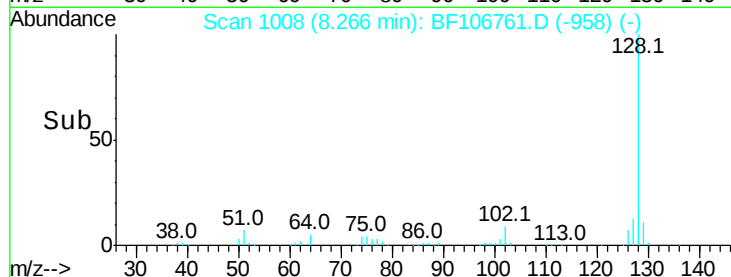
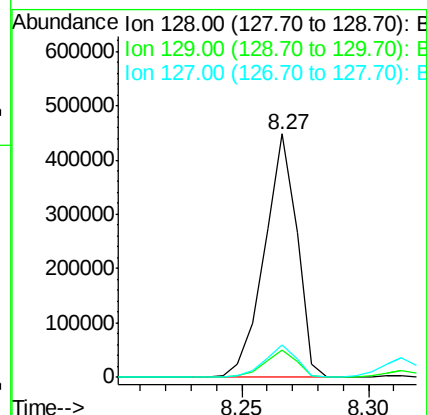
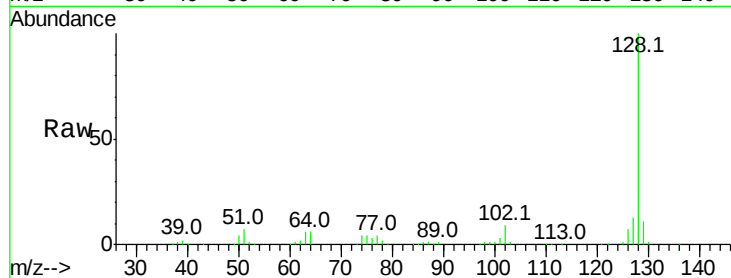
ClientSampleId :

PB110506BS

Tot Ion:	128	Resp:	402952
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.4	10.9	16.3

Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#32

Benzoic acid

Concen: 34.793 ng

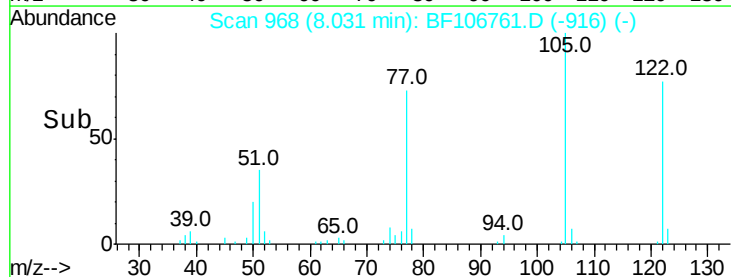
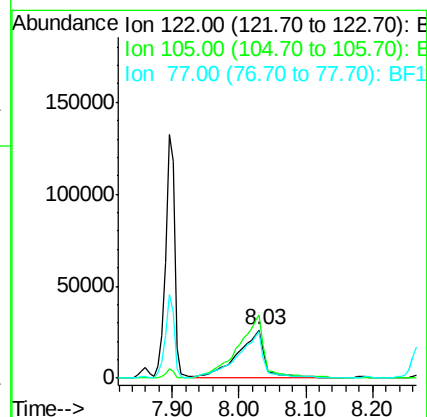
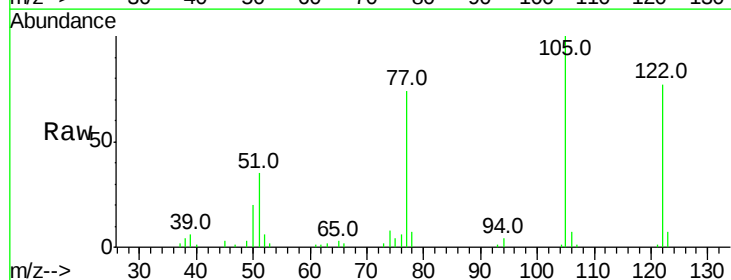
RT: 8.03 min Scan# 968

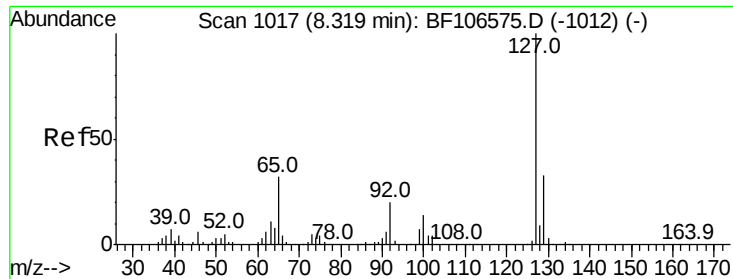
Delta R.T. 0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Tgt Ion:	122	Resp:	73642
Ion Ratio	Lower	Upper	
122	100		
105	129.7	101.1	141.1
77	96.3	70.7	110.7





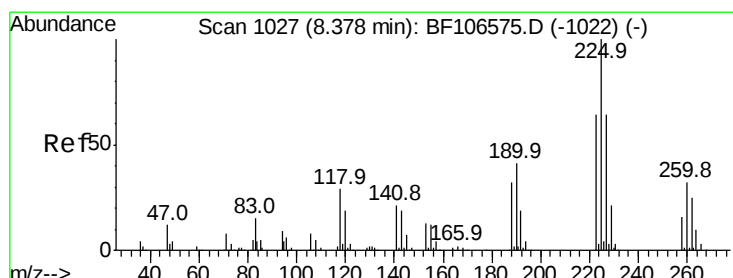
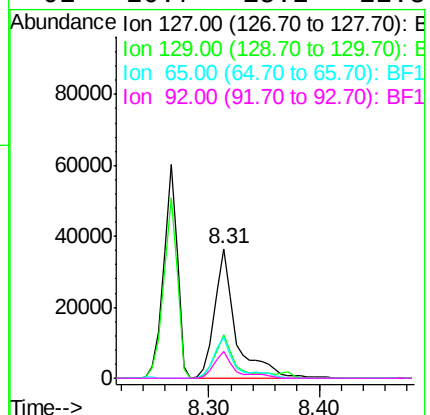
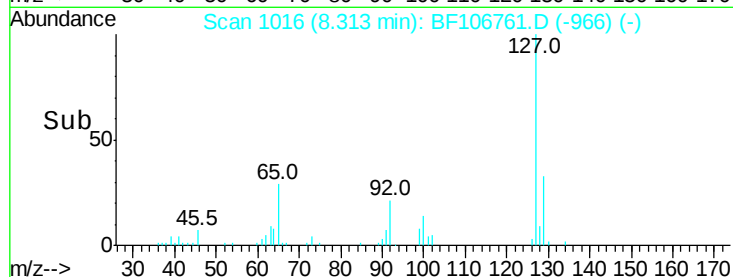
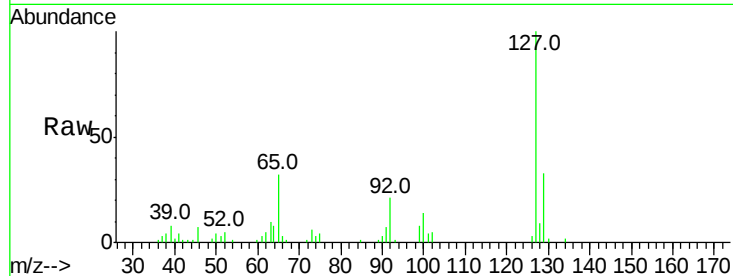
#33
4-Chloroaniline
Concen: 10.939 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampled :
PB110506BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	31.8	25.0	37.4
92	20.7	15.2	22.8

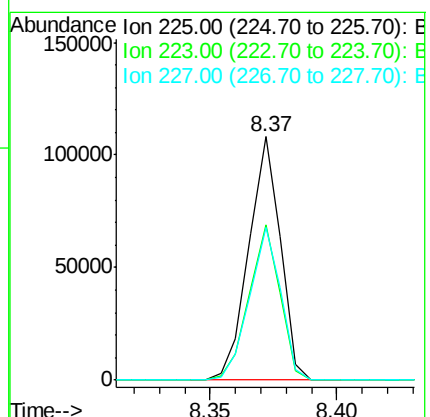
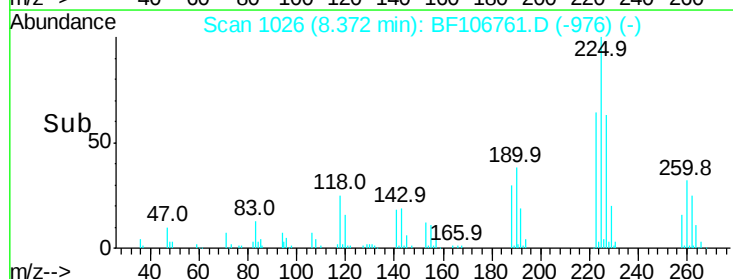
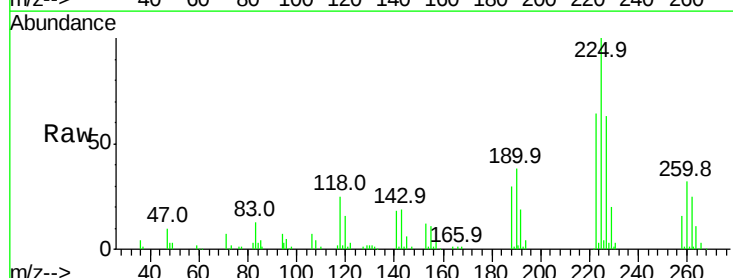
Manual Integrations
APPROVED

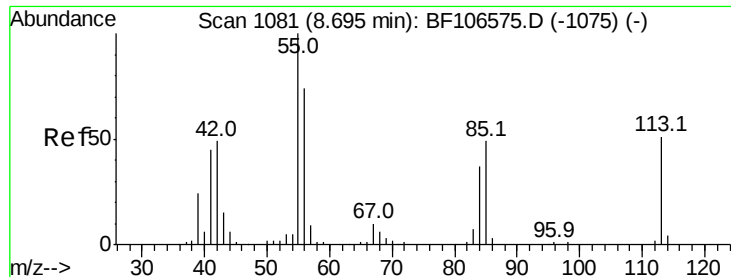
Sohil
6/27/2018 10:55:28 AM



#34
Hexachlorobutadiene
Concen: 40.584 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	62.7	51.9	77.9





#35

Caprolactam

Concen: 44.691 ng/mL

RT: 8.70 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Instrument :

BNA_F

ClientSampleID :

PB110506BS

Tot Ion:113 Resp: 46788

Ion Ratio Lower Upper

113 100

55 180.3 163.3 203.3

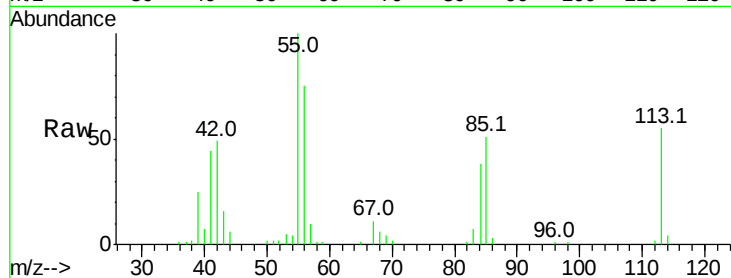
56 135.3 115.7 155.7

Manual Integrations

APPROVED

Sohil

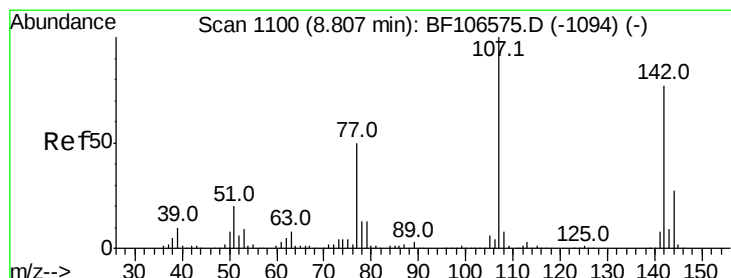
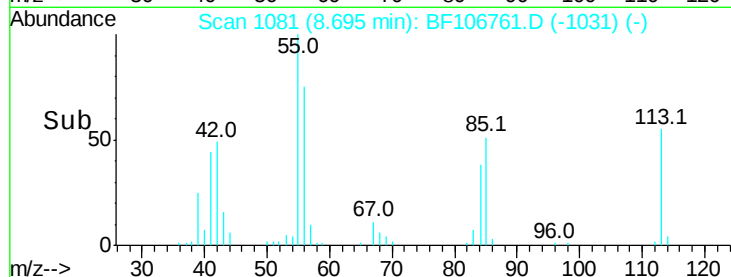
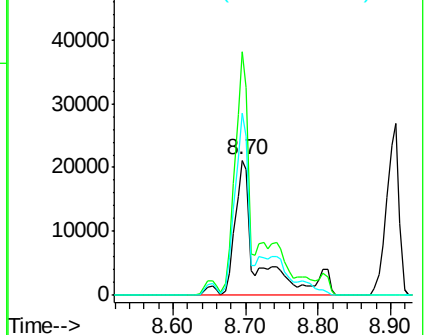
6/27/2018 10:55:28 AM



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: 39.671 ng/mL

RT: 8.81 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

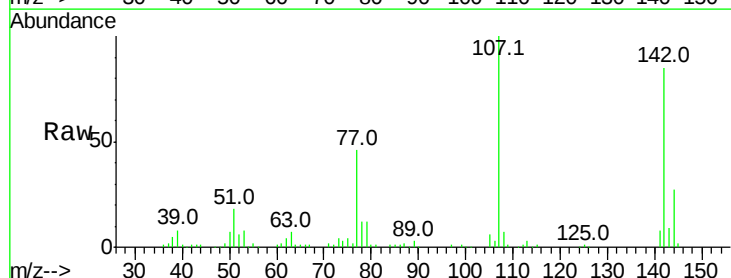
Tgt Ion:107 Resp: 134108

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

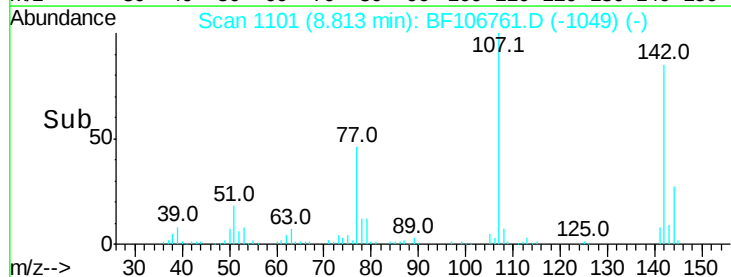
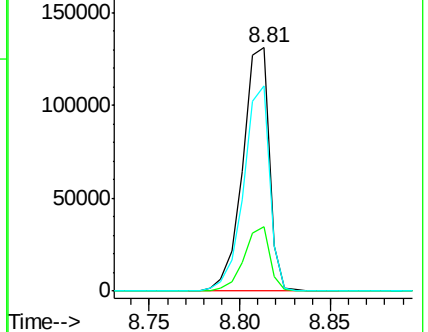
142 84.5 62.0 93.0

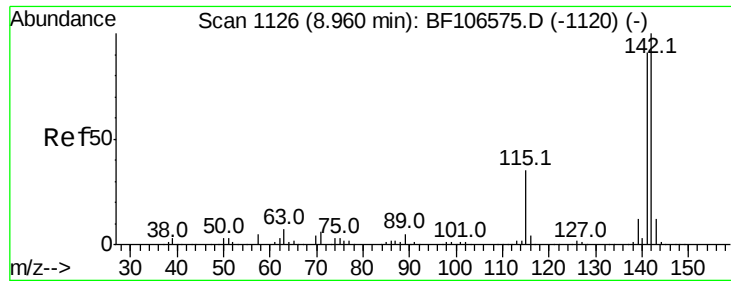


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





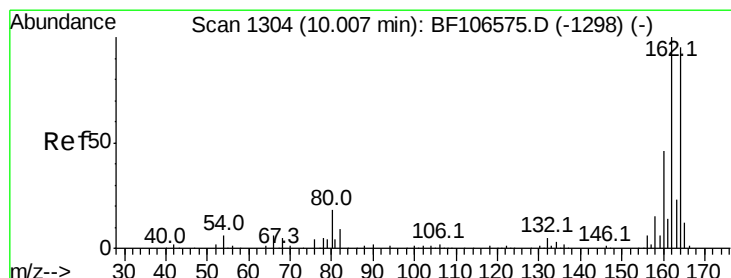
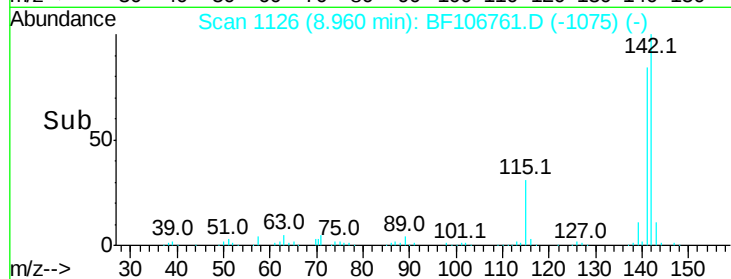
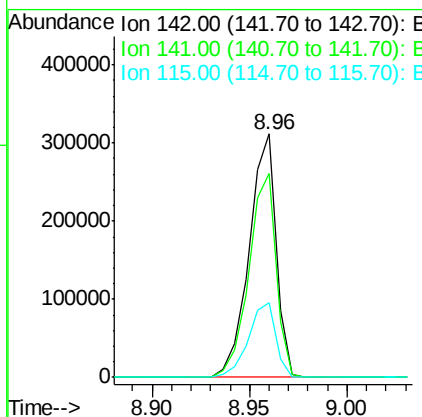
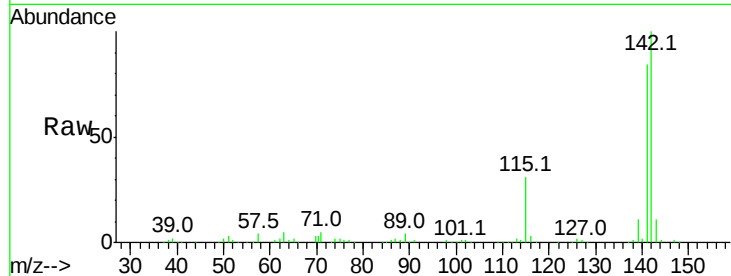
#37
2-Methylnaphthalene
Concen: 42.258 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.0	70.8	106.2
115	30.7	26.1	39.1

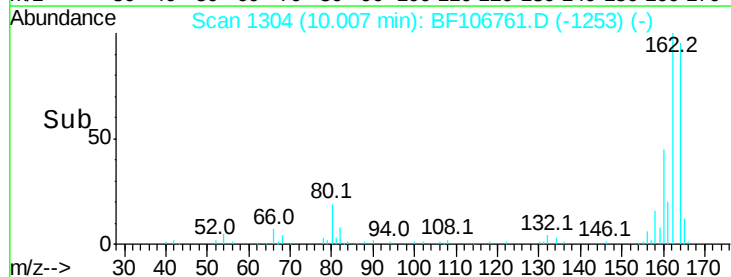
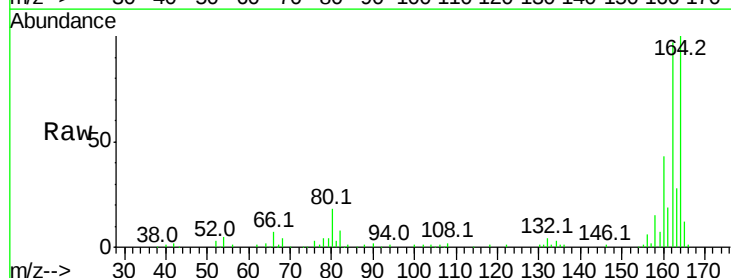
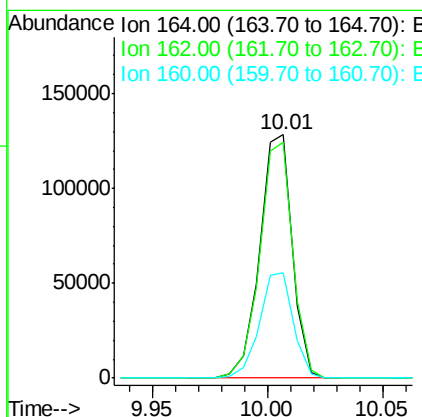
Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	86.1	129.1
160	43.1	38.3	57.5





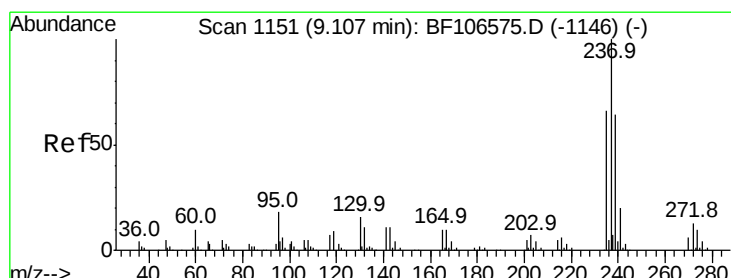
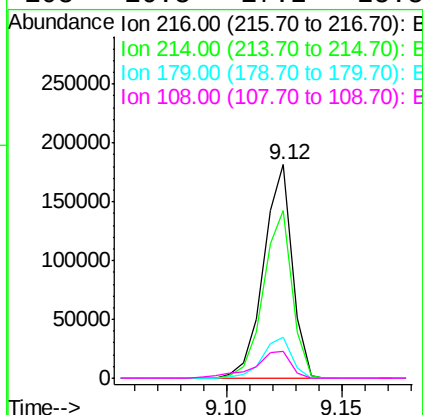
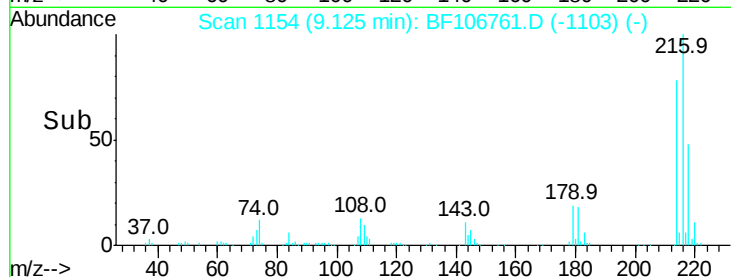
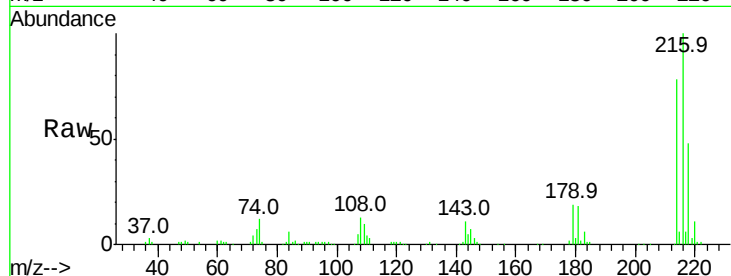
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.888 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 PB110506BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.5	63.0	94.4
179	19.5	18.1	27.1
108	16.3	17.2	25.8#

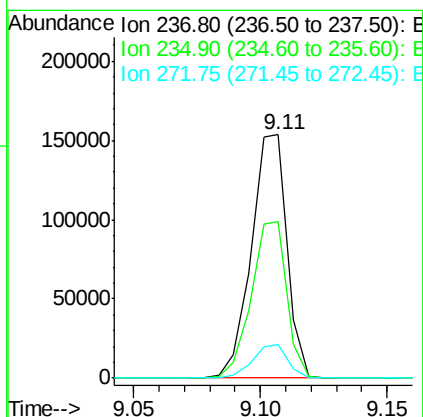
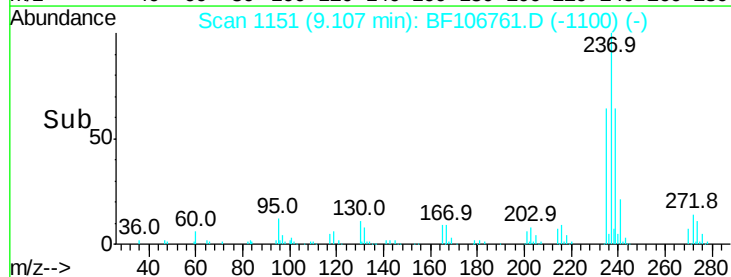
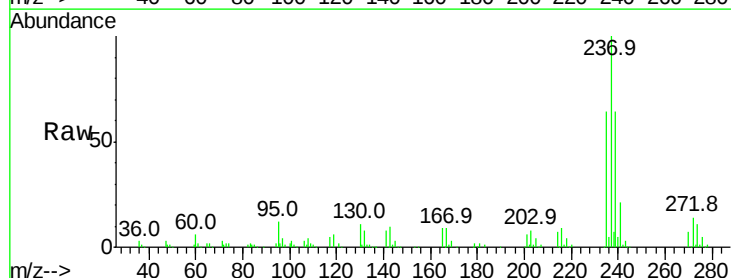
Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:55:28 AM



#40
 Hexachlorocyclopentadiene
 Concen: 68.790 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.1	44.8	84.8
272	13.7	0.0	33.3





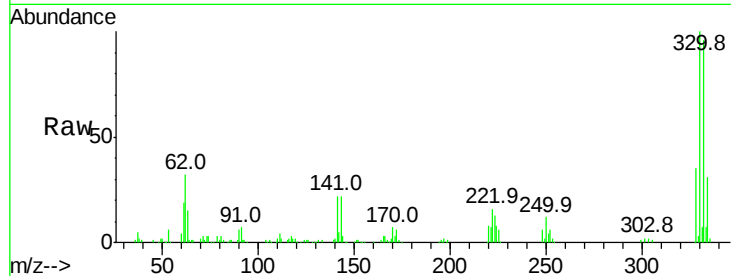
#41
 2,4,6-Tribromophenol
 Concen: 126.681 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 PB110506BS

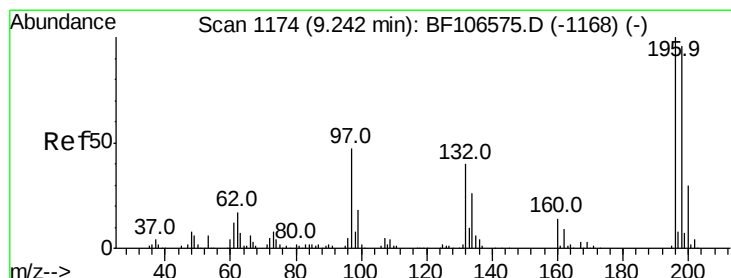
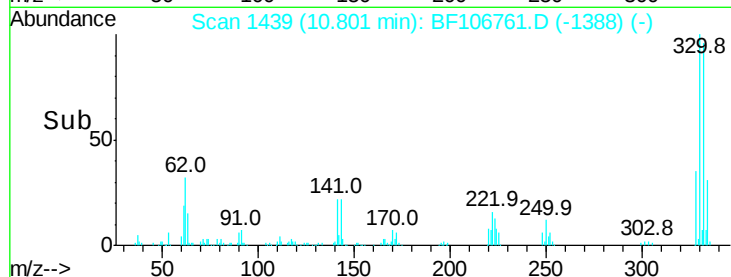
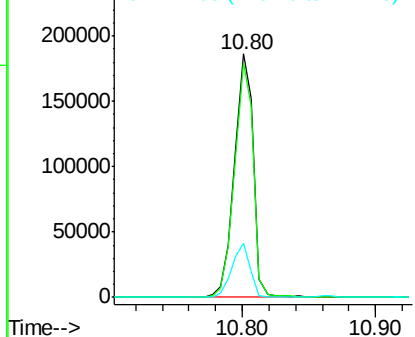
Tot Ion	Ratio	Resp	Lower	Upper
330	100	185559		
332	96.4	77.0	115.6	
141	21.7	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:55:28 AM



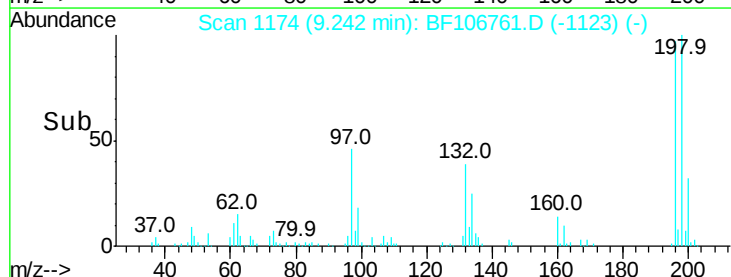
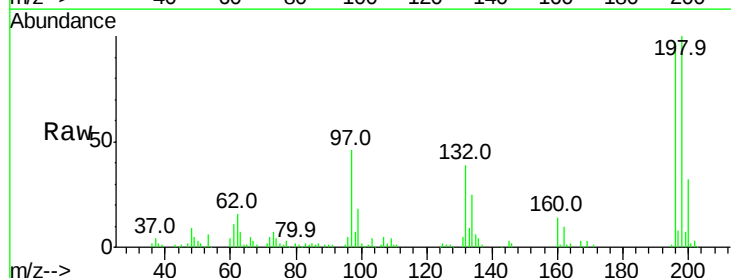
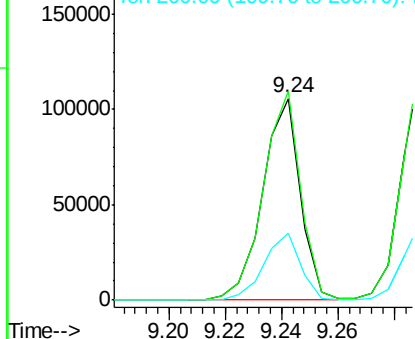
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 34.625 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97956		
198	103.5	75.7	113.5	
200	33.0	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





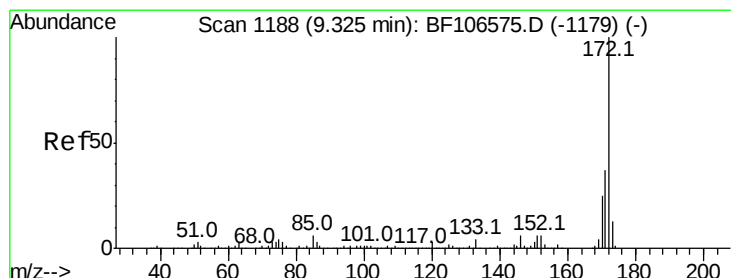
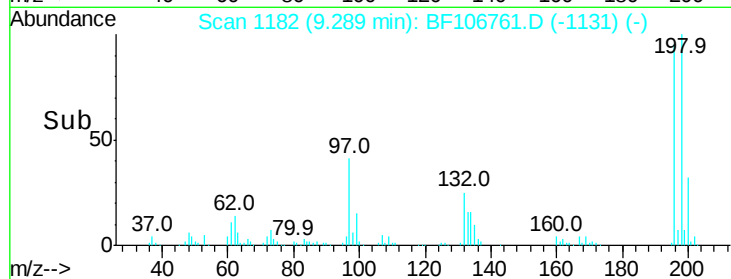
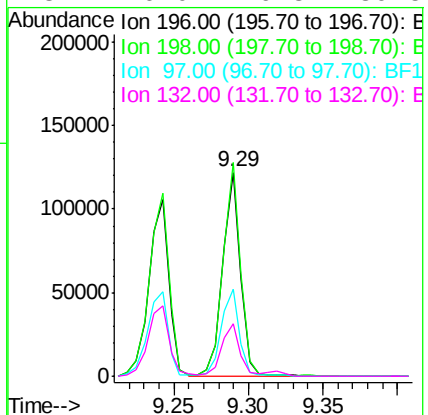
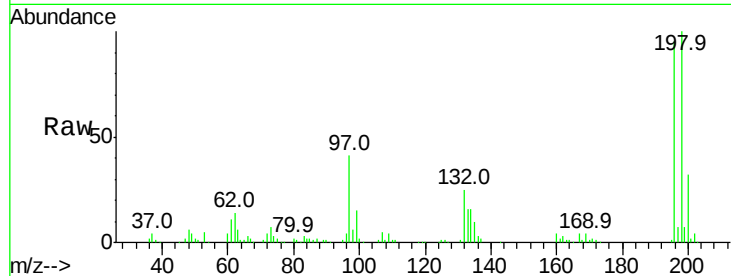
#43
 2,4,5-Trichlorophenol
 Concen: 35.210 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 PB110506BS

Tot Ion:	196	Resp:	103942
Ion Ratio	Lower	Upper	
196	100		
198	104.9	74.6	112.0
97	42.8	42.9	64.3#
132	26.0	26.3	39.5#

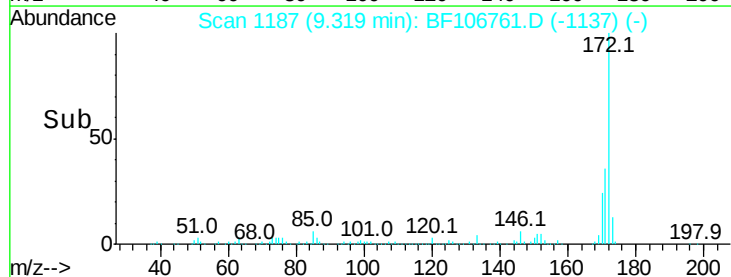
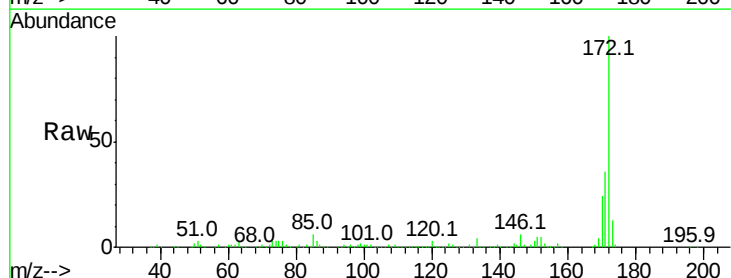
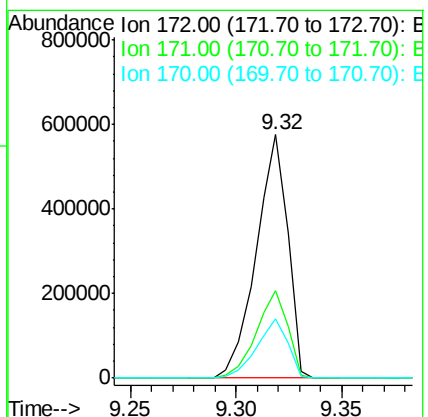
Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:55:28 AM



#44
 2-Fluorobiphenyl
 Concen: 78.824 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Tgt Ion:	172	Resp:	596540
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 36.092 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Instrument :

BNA_F

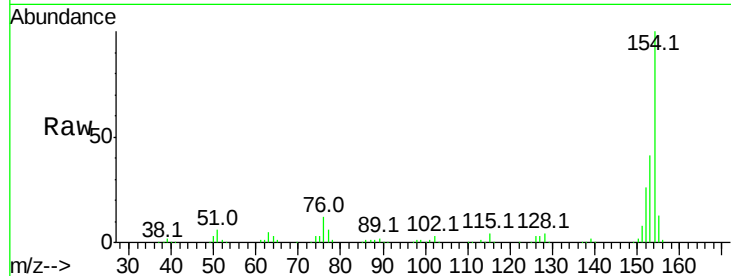
ClientSampleID :

PB110506BS

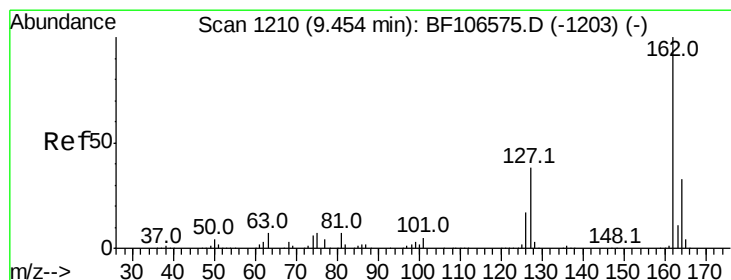
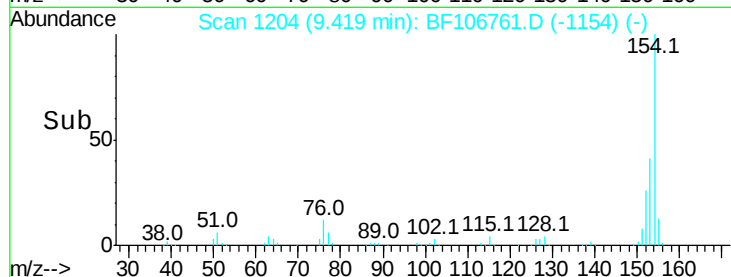
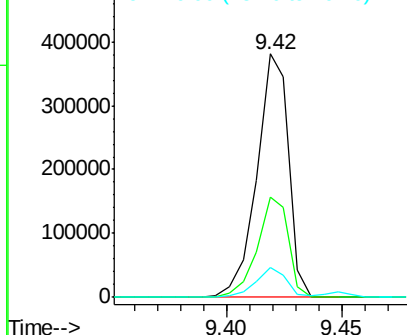
Tot Ion:	154	Resp:	363512
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.3	61.3
76	12.2	0.0	34.0

Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



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: 34.118 ng

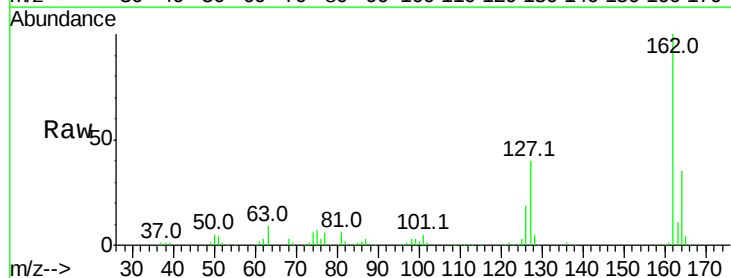
RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

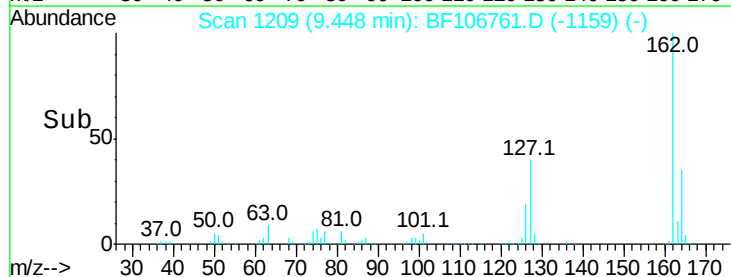
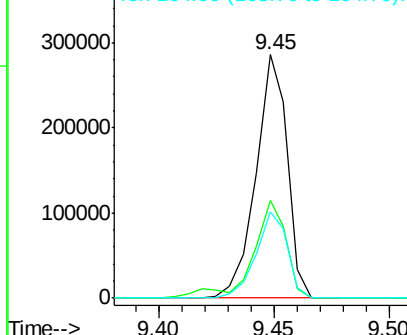
Lab File: BF106761.D

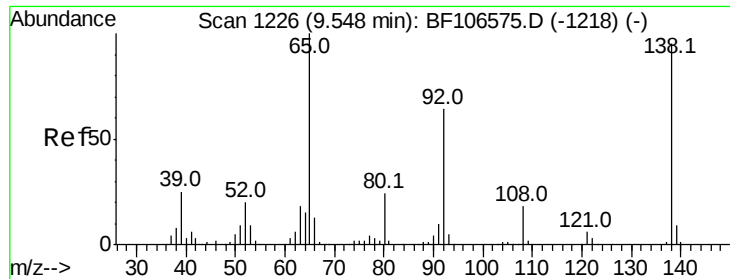
Acq: 25 Jun 2018 10:40

Tgt Ion:	162	Resp:	270485
Ion Ratio	Lower	Upper	
162	100		
127	40.0	33.9	50.9
164	35.4	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





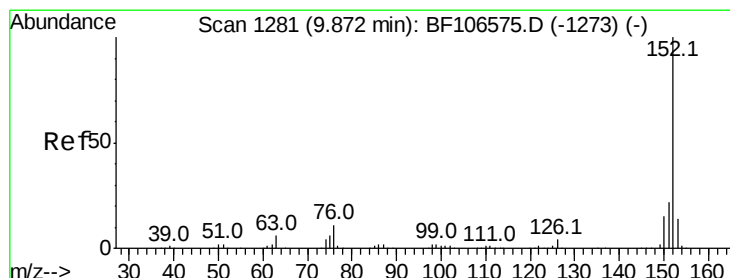
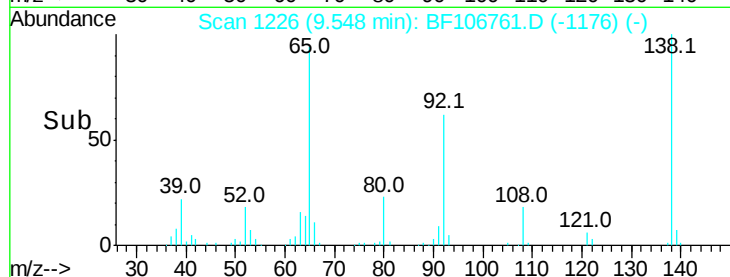
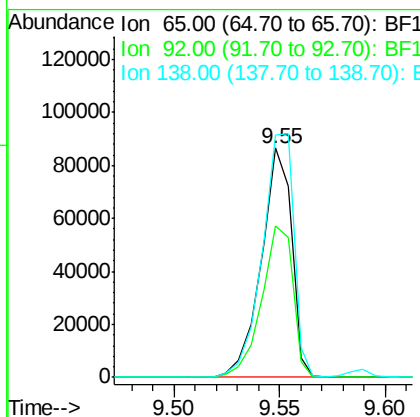
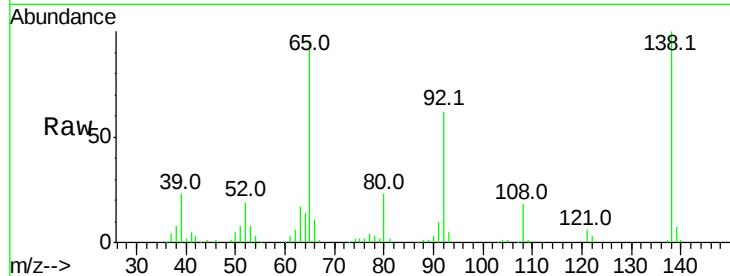
#47
2-Nitroaniline
Concen: 32.514 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.0	55.8	83.6
138	105.7	91.2	136.8

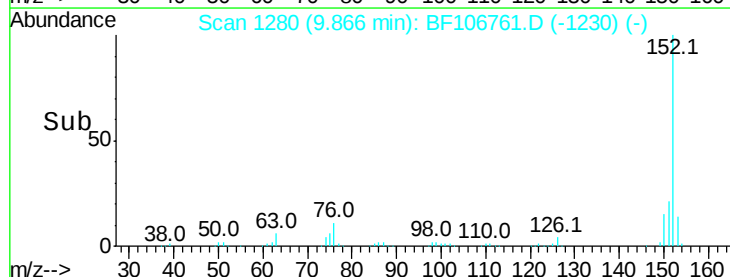
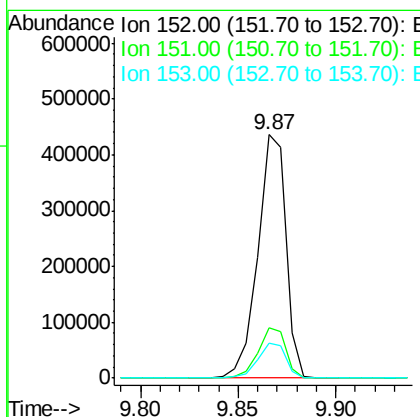
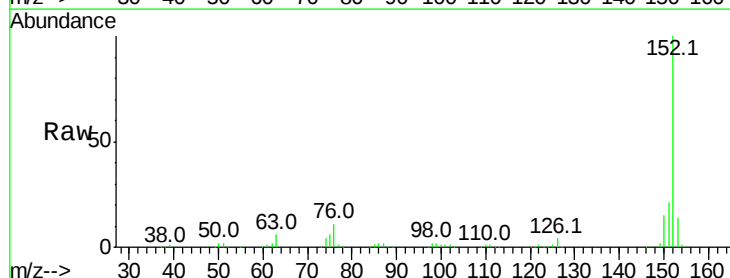
Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#48
Acenaphthylene
Concen: 34.823 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.4	10.7	16.1





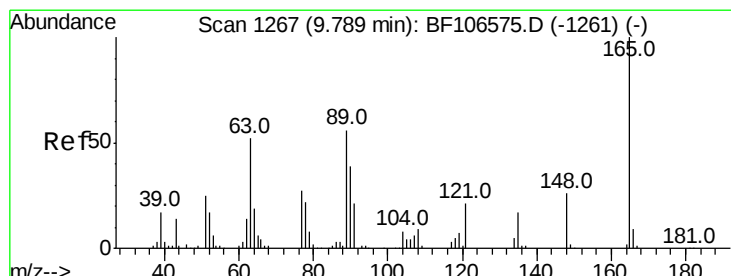
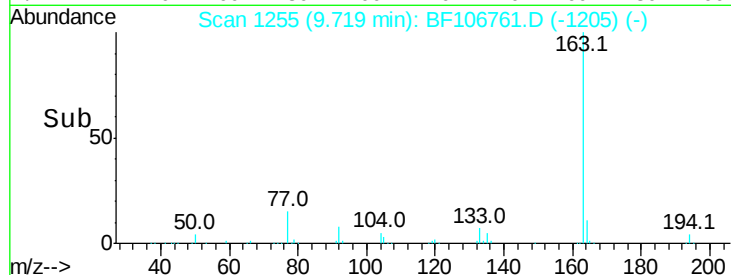
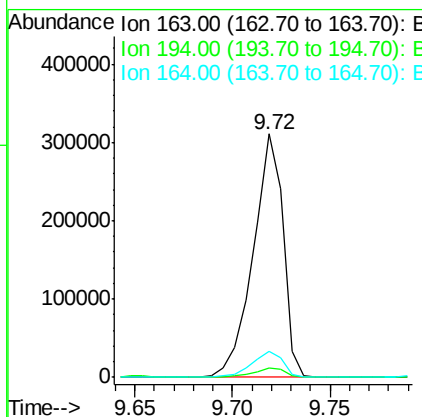
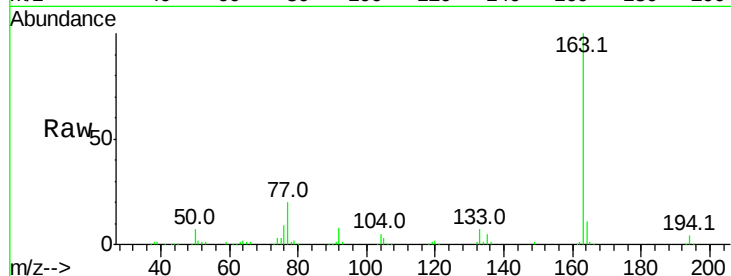
#49
Dimethylphthalate
Concen: 34.975 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.8	8.2	12.2	

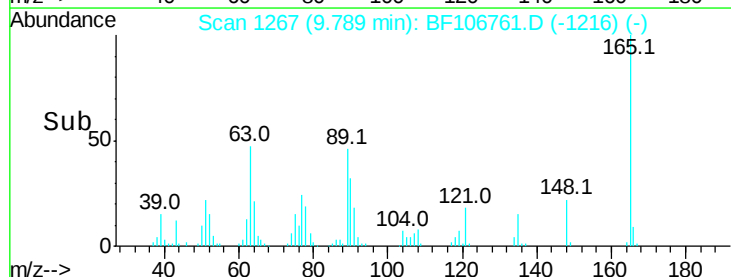
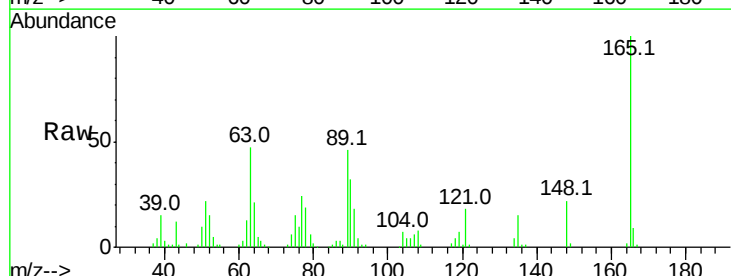
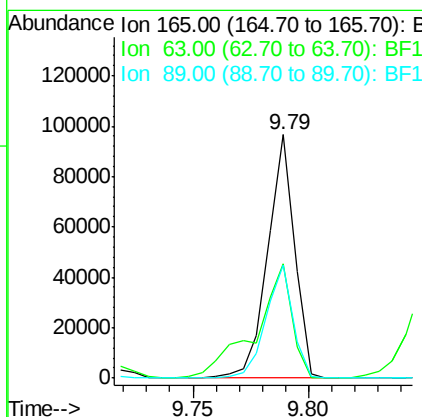
Manual Integrations
APPROVED

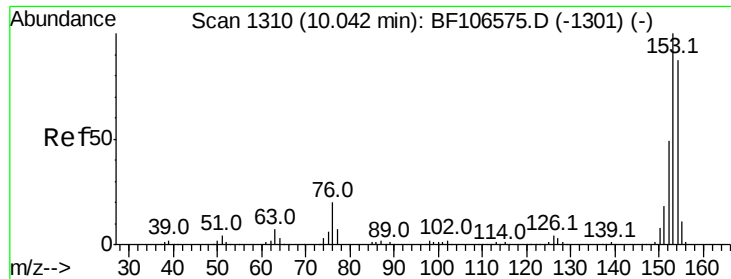
Sohil
6/27/2018 10:55:28 AM



#50
2,6-Dinitrotoluene
Concen: 39.049 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.7	44.7	67.1	
89	46.4	44.0	66.0	





#51

Acenaphthene

Concen: 32.994 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Instrument :

BNA_F

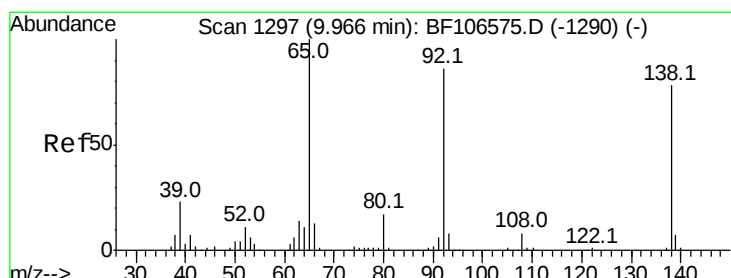
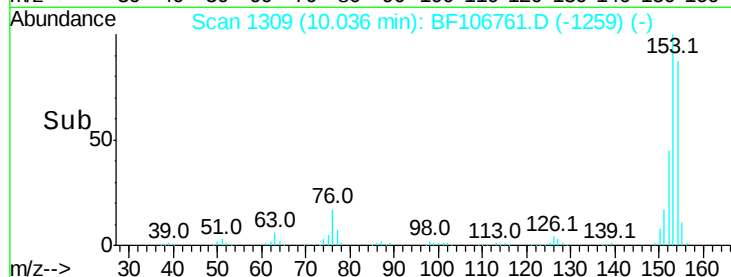
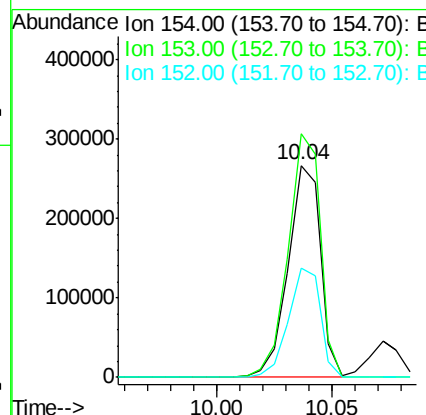
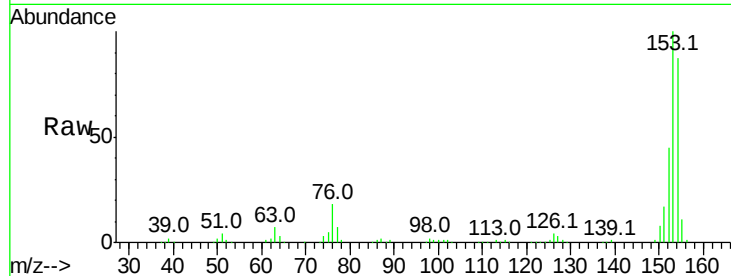
ClientSampleId :

PB110506BS

Tot Ion:	154	Resp:	260059
Ion Ratio	Lower	Upper	
154	100		
153	114.8	91.2	136.8
152	51.6	43.8	65.8

Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#52

3-Nitroaniline

Concen: 17.496 ng

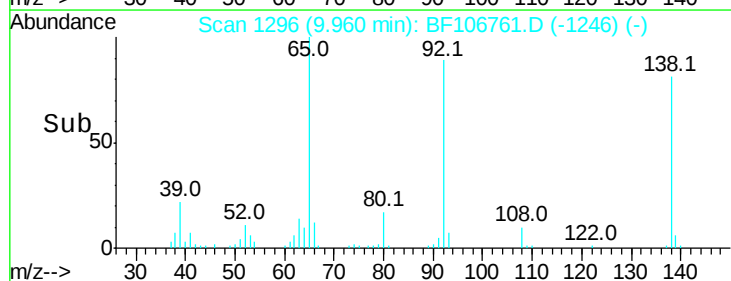
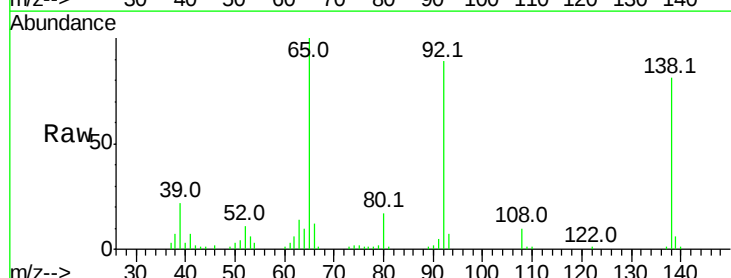
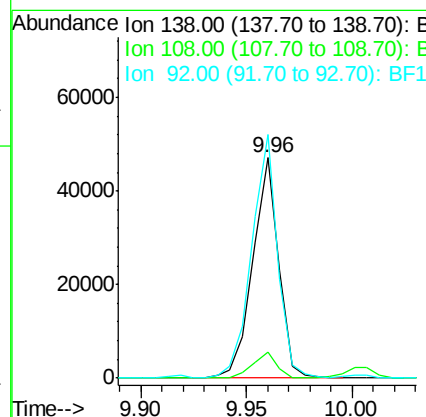
RT: 9.96 min Scan# 1296

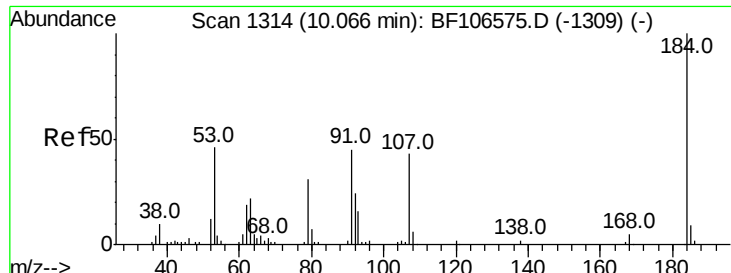
Delta R.T. -0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Tgt Ion:	138	Resp:	40411
Ion Ratio	Lower	Upper	
138	100		
108	11.9	9.4	14.0
92	110.4	89.4	134.2





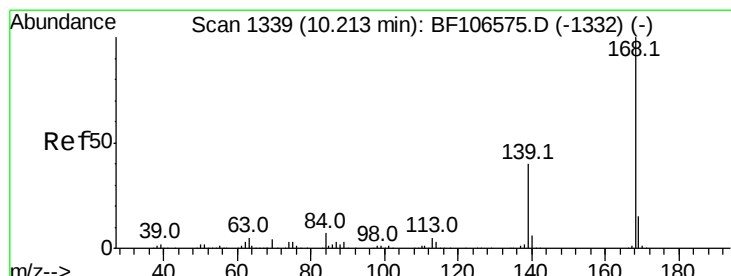
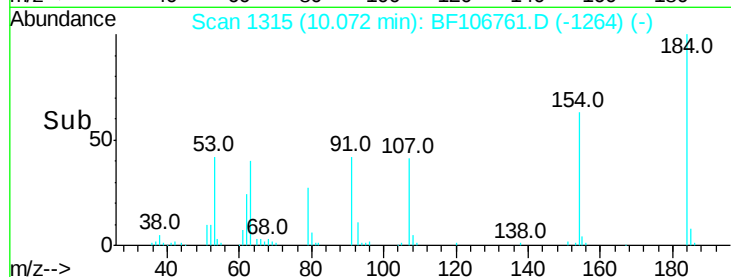
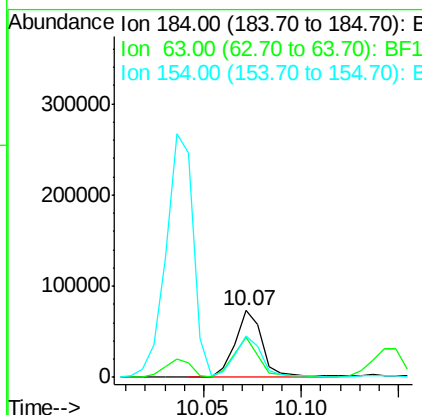
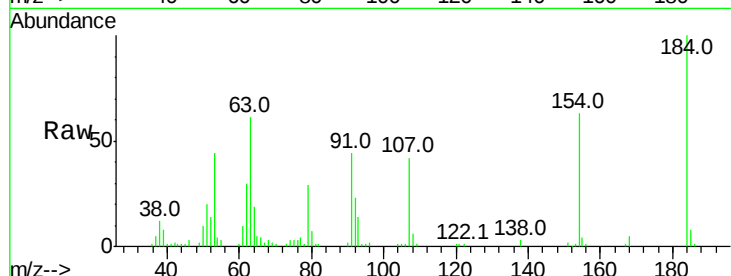
#53
2,4-Dinitrophenol
Concen: 70.457 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion:184 Resp: 72812
Ion Ratio Lower Upper
184 100
63 60.9 54.2 81.2
154 63.0 184.0 276.0#

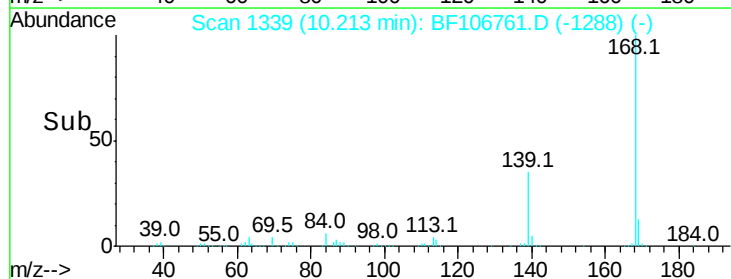
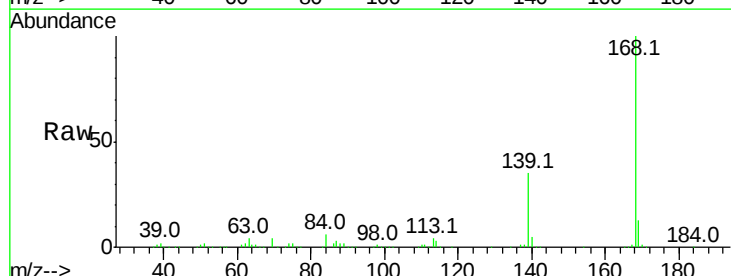
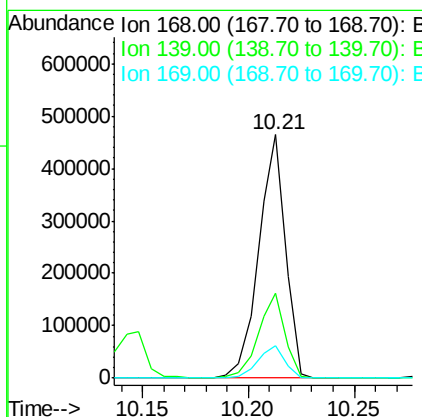
Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#54
Dibenzofuran
Concen: 37.828 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:168 Resp: 408275
Ion Ratio Lower Upper
168 100
139 34.9 30.1 45.1
169 13.4 10.9 16.3





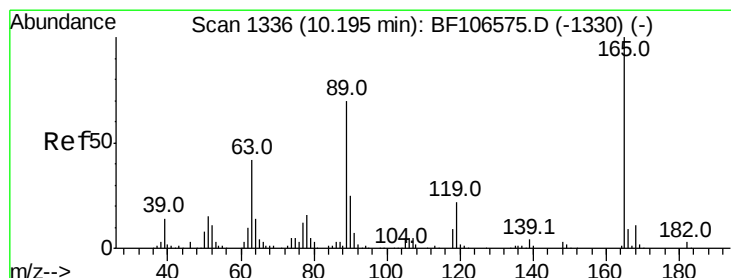
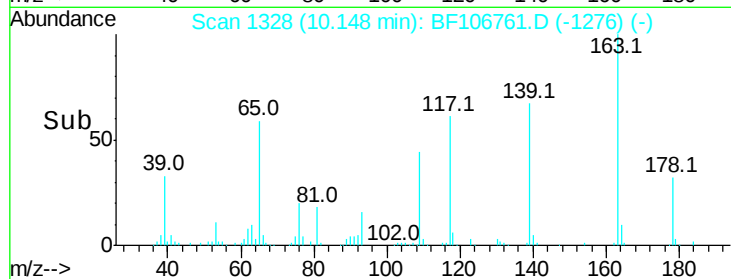
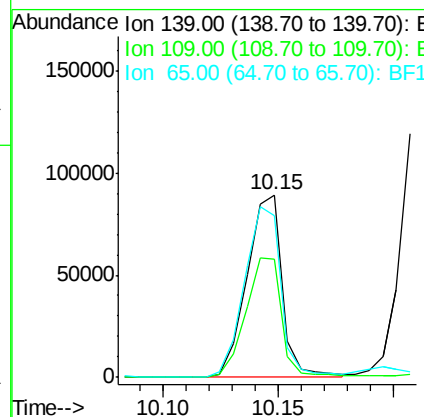
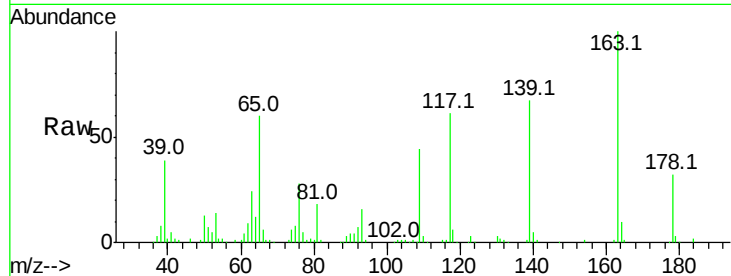
#55
4-Nitrophenol
Concen: 58.973 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.7	48.4	88.4
65	88.9	72.6	112.6

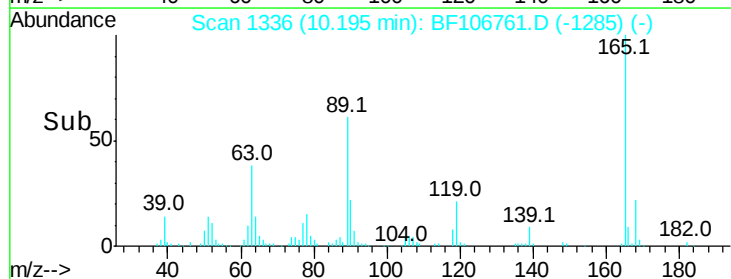
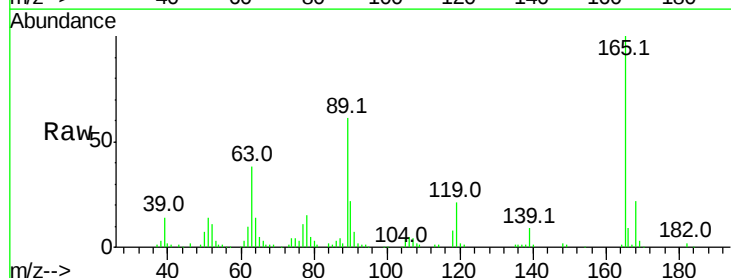
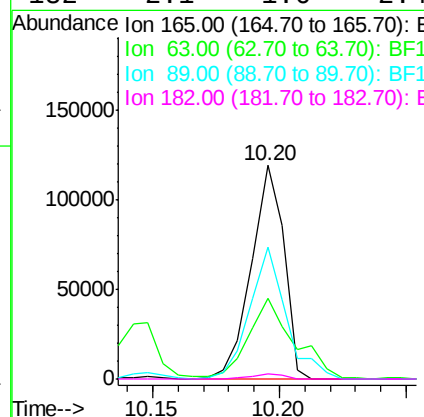
Manual Integrations
APPROVED

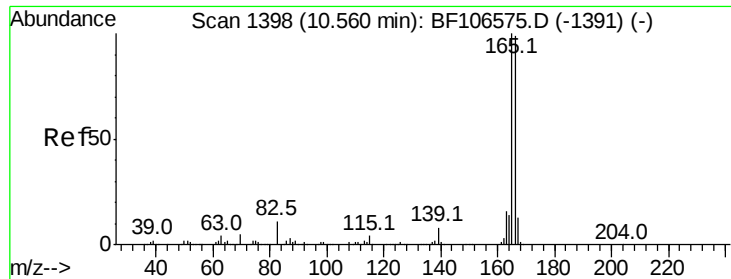
Sohil
6/27/2018 10:55:28 AM



#56
2,4-Dinitrotoluene
Concen: 41.158 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.0	36.4	54.6
89	61.5	57.8	86.6
182	2.1	1.6	2.4





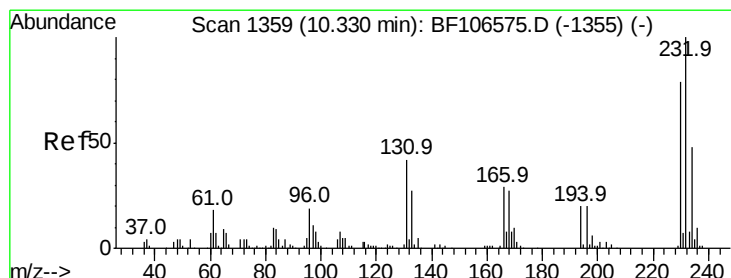
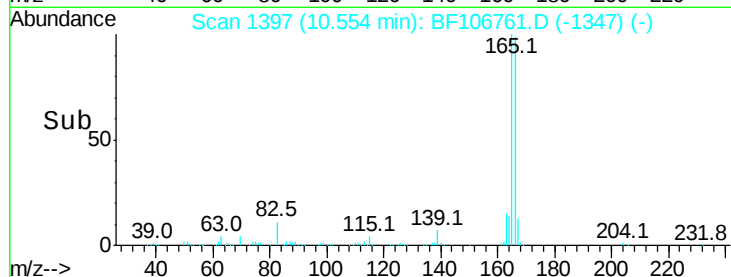
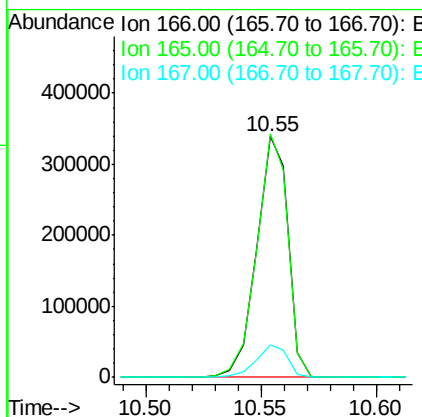
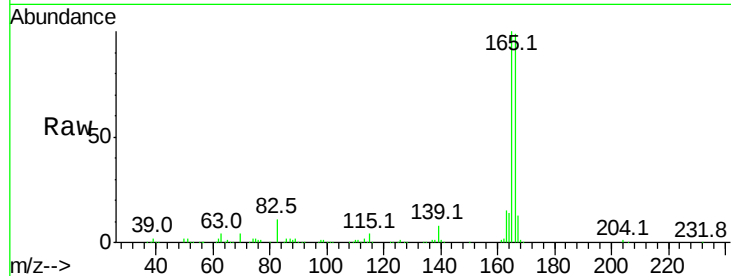
#57
 Fluorene
 Concen: 37.425 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 PB110506BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.8	119.8
167	13.6	10.6	16.0

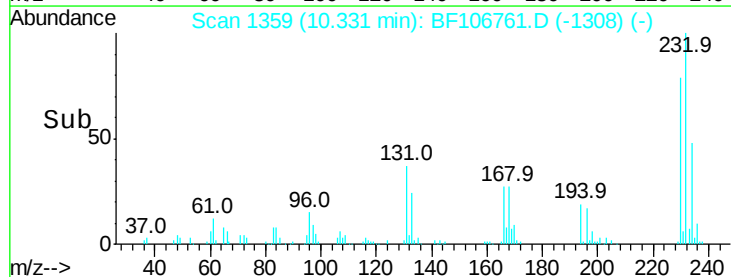
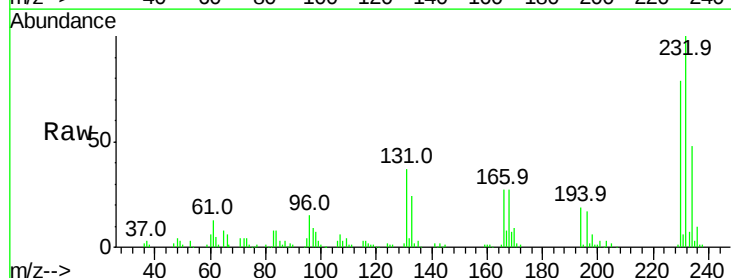
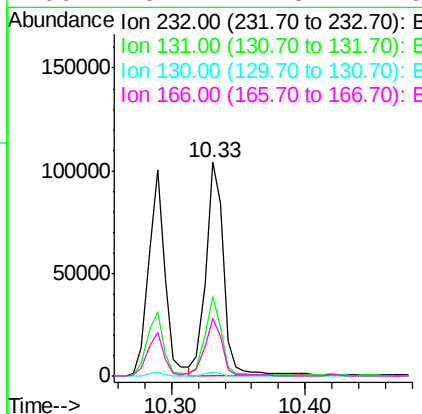
Manual Integrations
 APPROVED

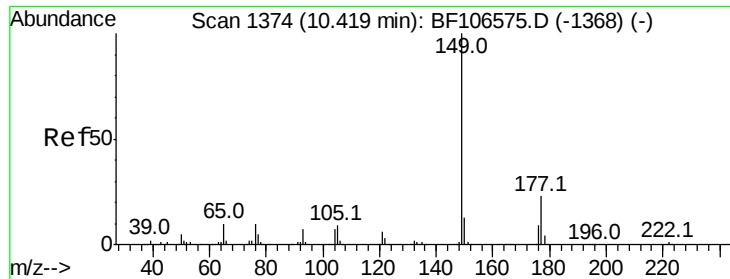
Sohil
 6/27/2018 10:55:28 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.912 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.1	43.8	65.8#
130	1.4	2.1	3.1#
166	26.4	27.8	41.6#





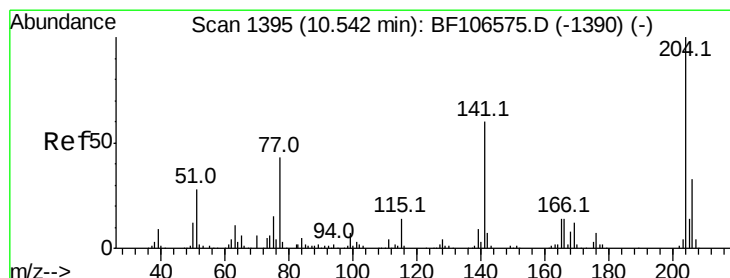
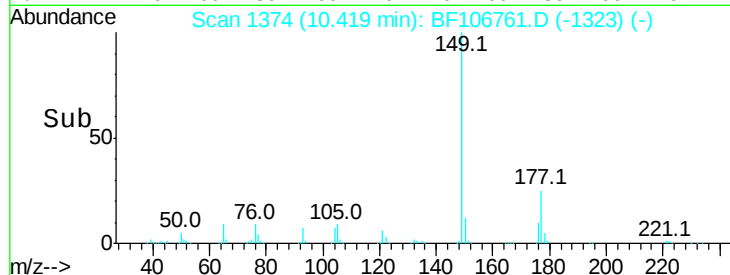
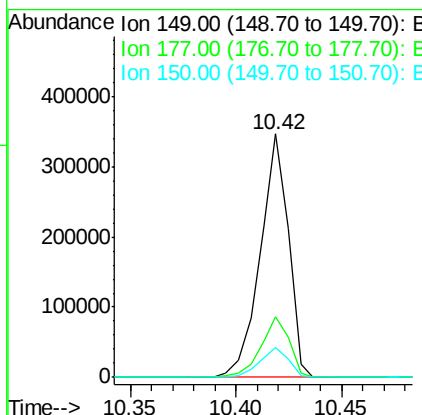
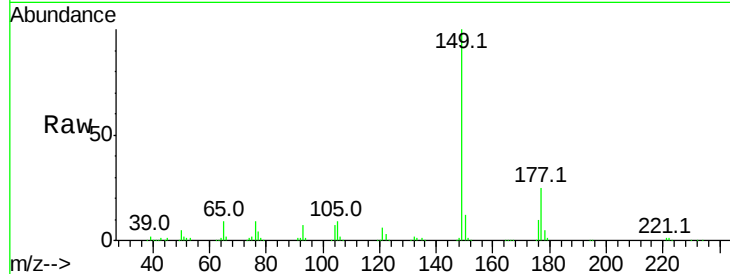
#59
Diethylphthalate
Concen: 35.136 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	321440		
177	25.0	16.1	24.1#	
150	12.3	10.1	15.1	

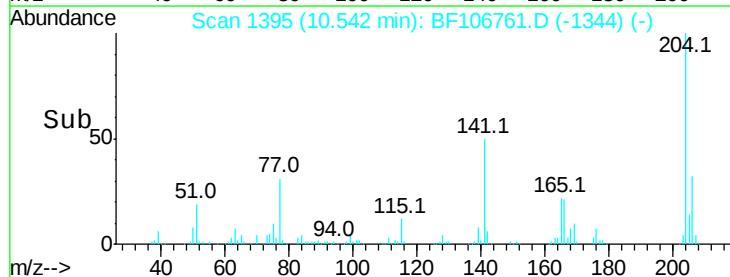
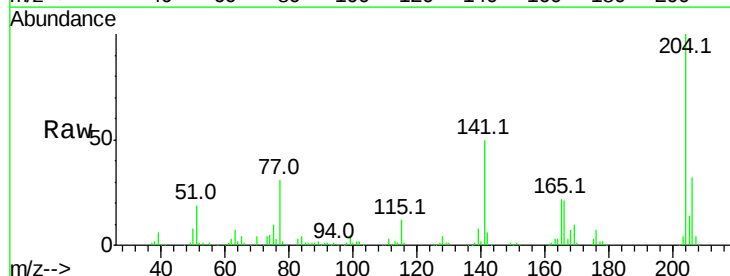
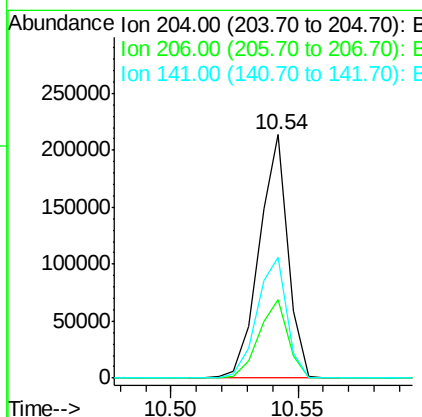
Manual Integrations
APPROVED

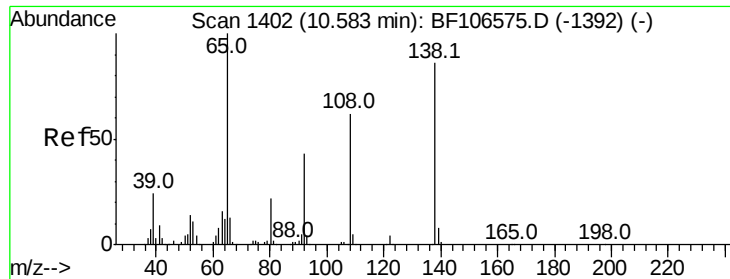
Sohil
6/27/2018 10:55:28 AM



#60
4-Chlorophenyl-phenylether
Concen: 37.412 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	167648		
206	32.4	26.5	39.7	
141	49.6	54.6	81.8#	





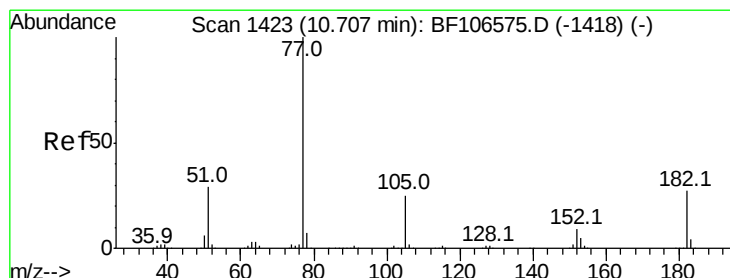
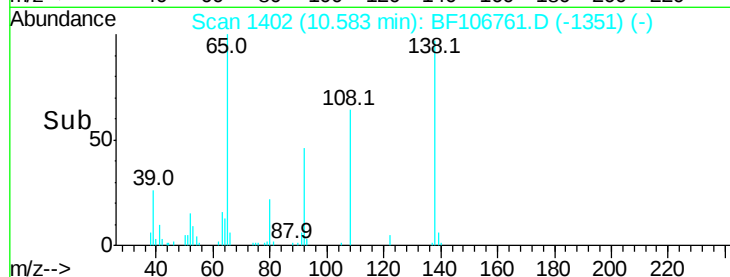
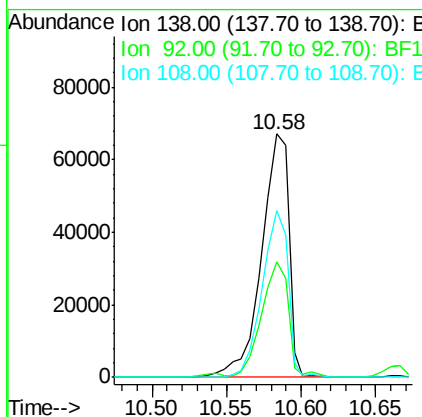
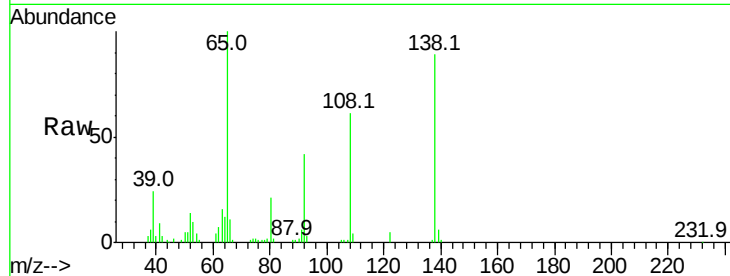
#61
4-Nitroaniline
Concen: 37.003 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.2	30.2	70.2
108	68.6	52.5	92.5

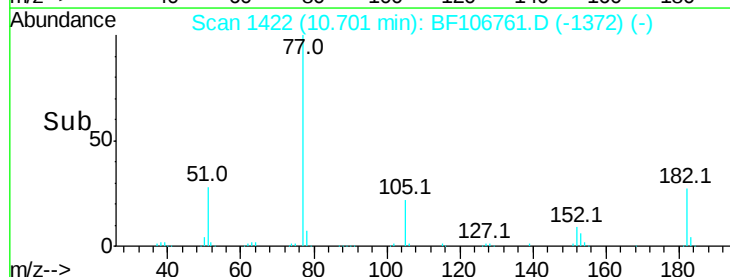
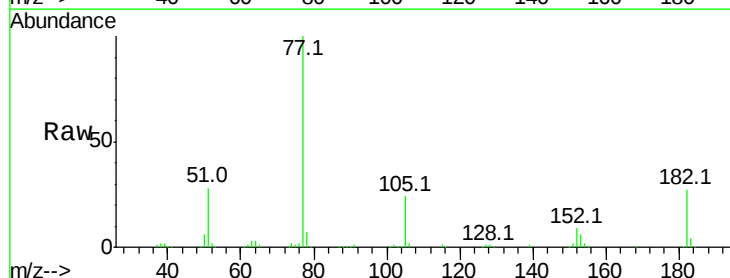
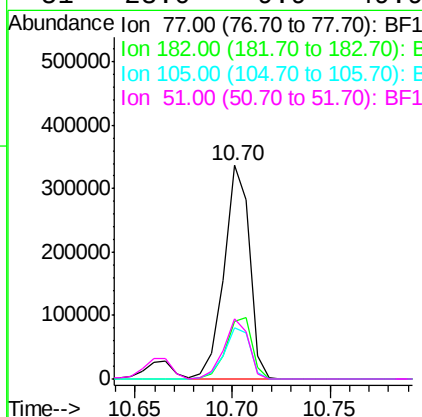
Manual Integrations
APPROVED

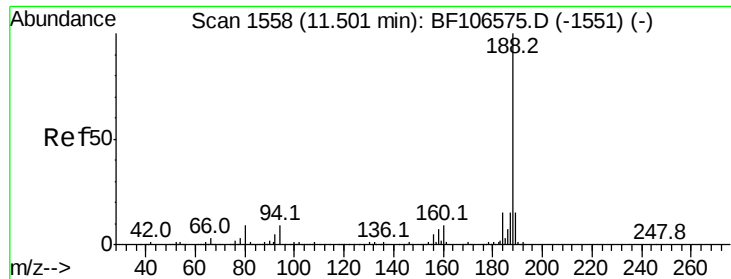
Sohil
6/27/2018 10:55:28 AM



#62
Azobenzene
Concen: 33.827 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	1.7	41.7
105	24.2	3.0	43.0
51	28.0	9.9	49.9





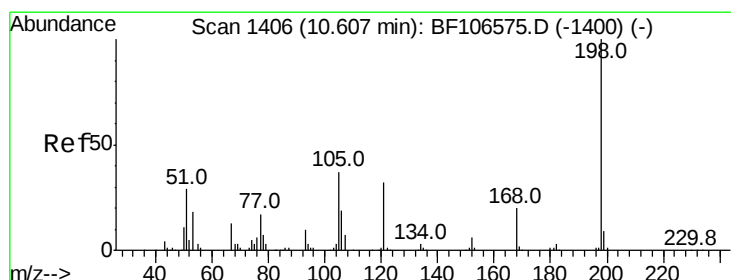
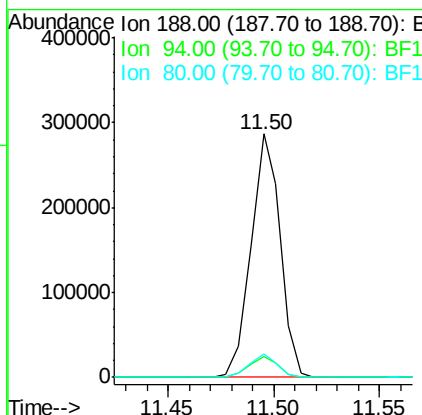
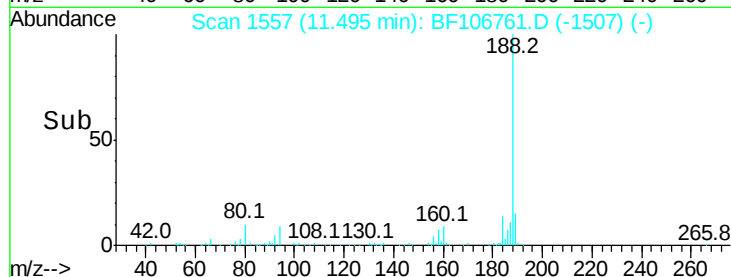
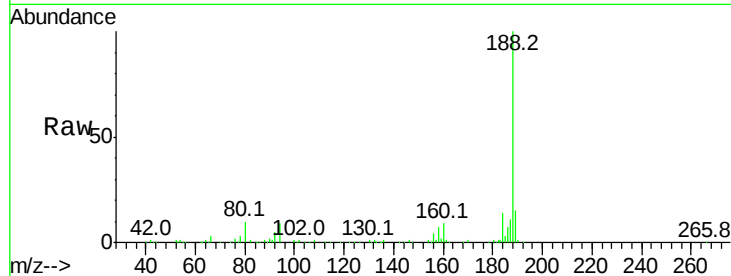
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	275048		
94	8.7		8.5	12.7
80	9.7		9.2	13.8

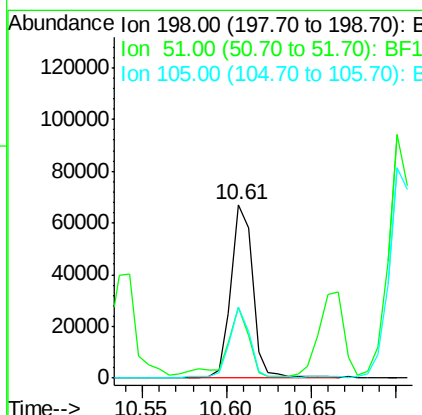
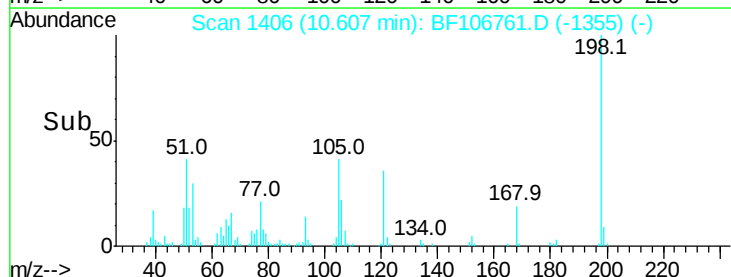
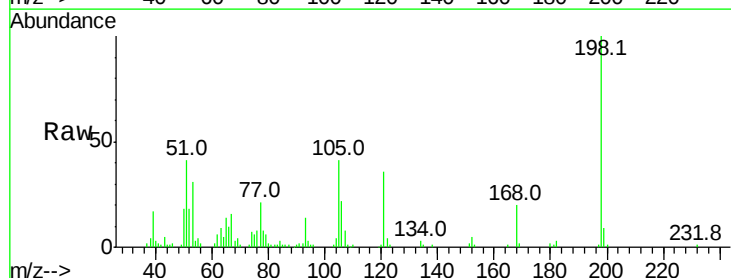
Manual Integrations
APPROVED

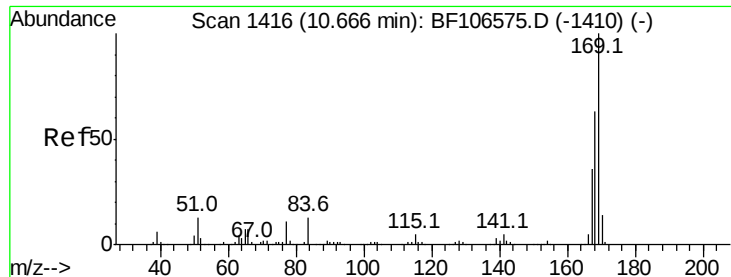
Sohil
6/27/2018 10:55:28 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.458 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	60285		
51	41.1		37.7	77.7
105	41.1		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 30.986 ng

RT: 10.67 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Instrument :

BNA_F

ClientSampleId :

PB110506BS

Tot Ion:169 Resp: 286658

Ion Ratio Lower Upper

169 100

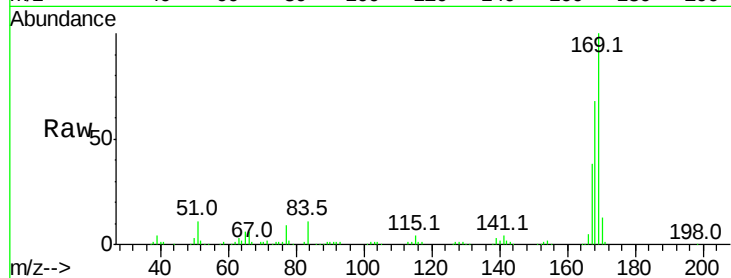
168 68.5 54.4 81.6

167 37.9 29.8 44.6

Manual Integrations
APPROVED

Sohil

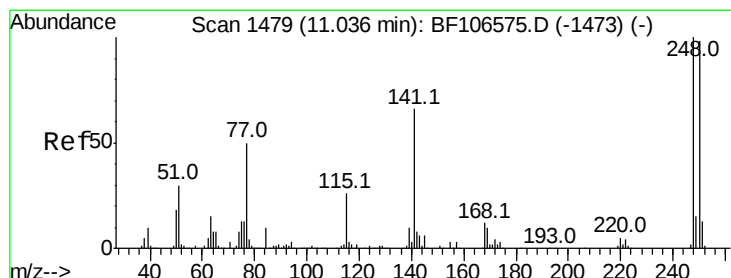
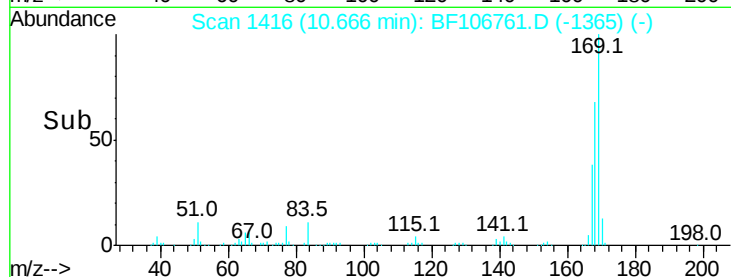
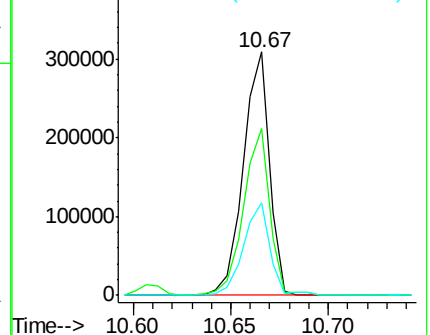
6/27/2018 10:55:28 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.720 ng

RT: 11.04 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Tgt Ion:248 Resp: 120536

Ion Ratio Lower Upper

248 100

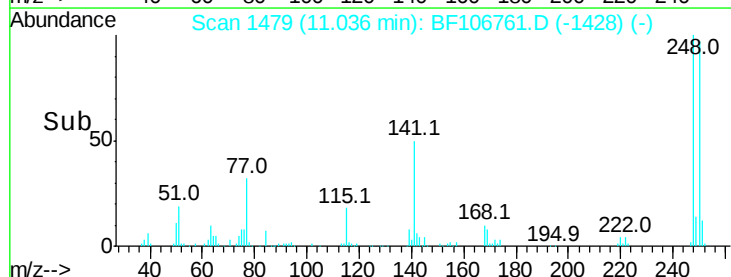
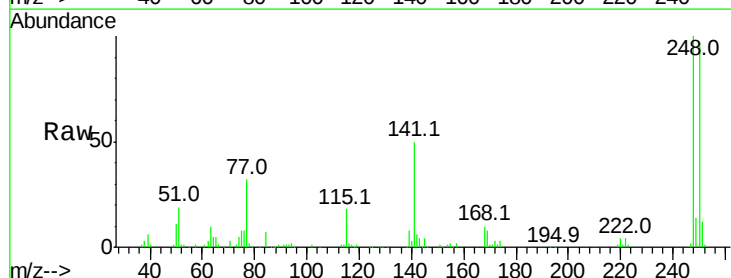
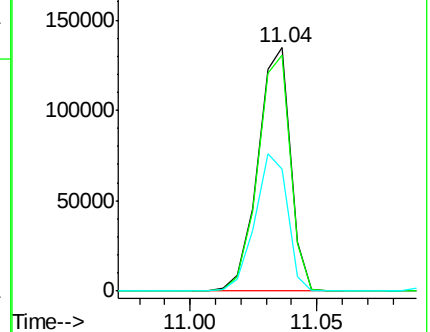
250 96.8 76.9 115.3

141 49.9 74.4 111.6#

Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





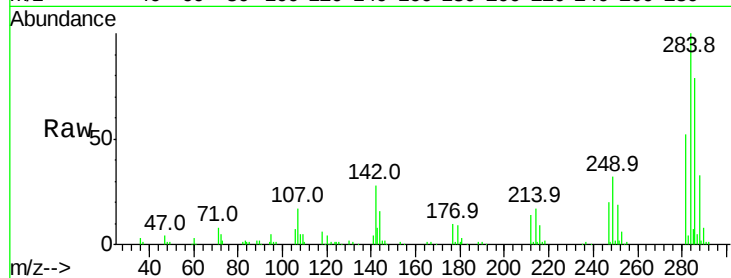
#67
Hexachlorobenzene
Concen: 37.175 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

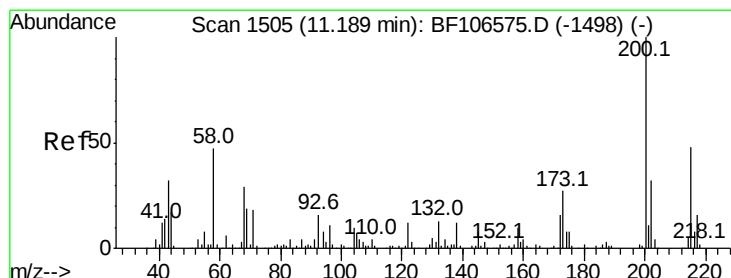
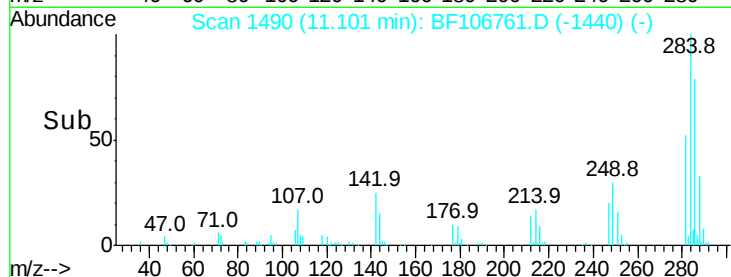
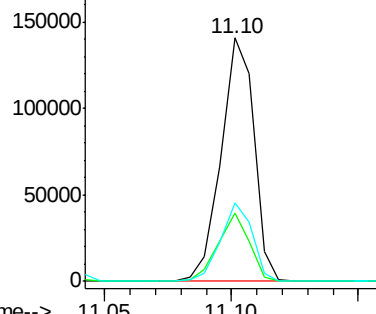
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.8	34.6	52.0	
249	32.2	24.8	37.2	

Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM

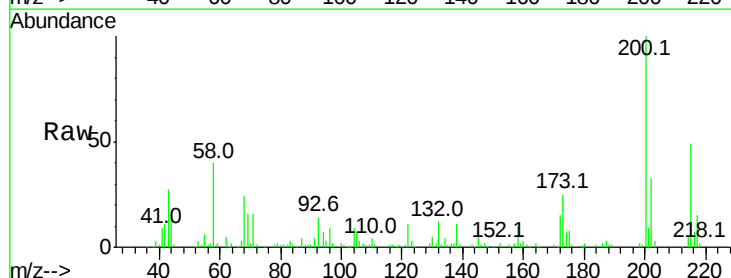


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

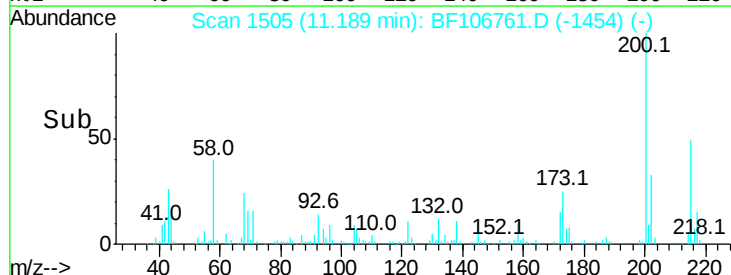
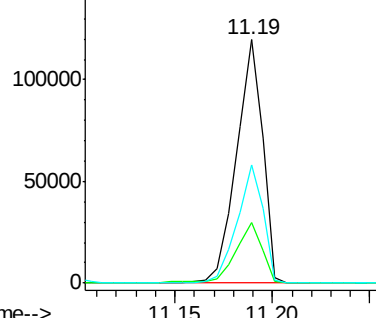


#68
Atrazine
Concen: 37.891 ng
RT: 11.19 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.7	8.6	48.6	
215	48.8	25.1	65.1	



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





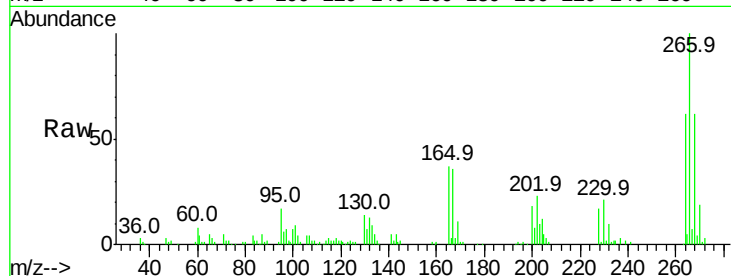
#69
 Pentachlorophenol
 Concen: 58.211 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Instrument :
 BNA_F
 ClientSampled :
 PB110506BS

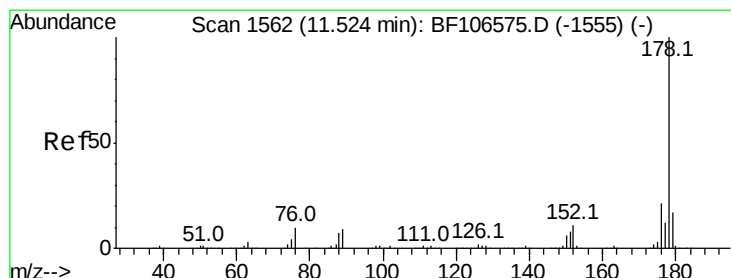
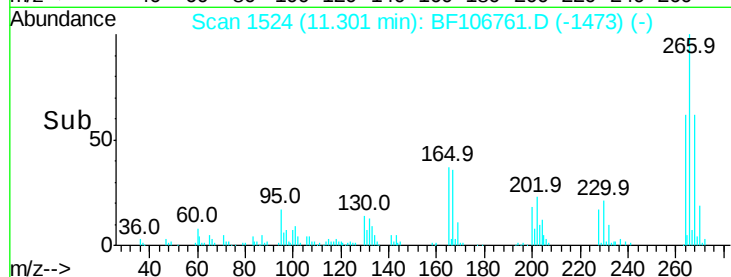
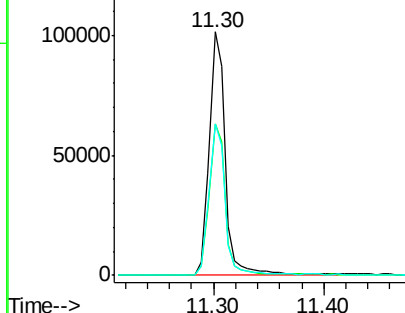
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	51.1	76.7
264	62.3	49.5	74.3

Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:55:28 AM



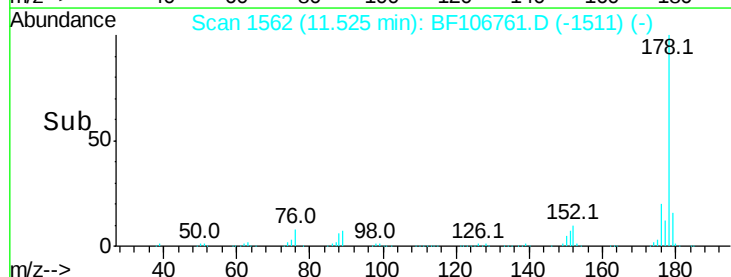
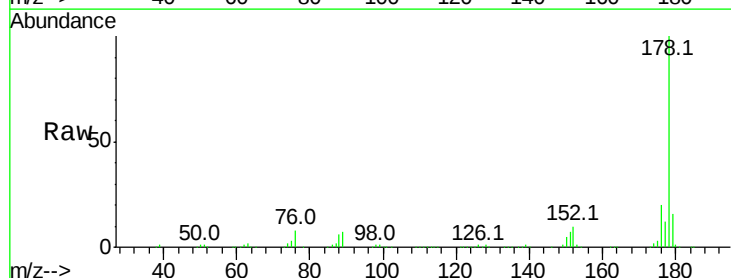
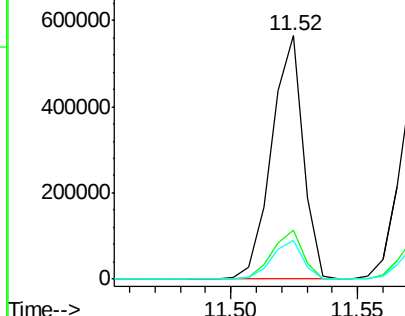
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

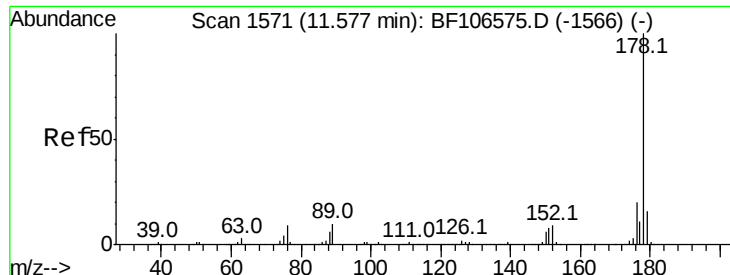


#70
 Phenanthrene
 Concen: 37.148 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.7	13.0	19.6

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





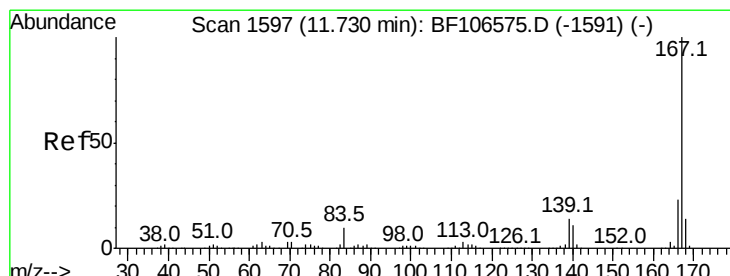
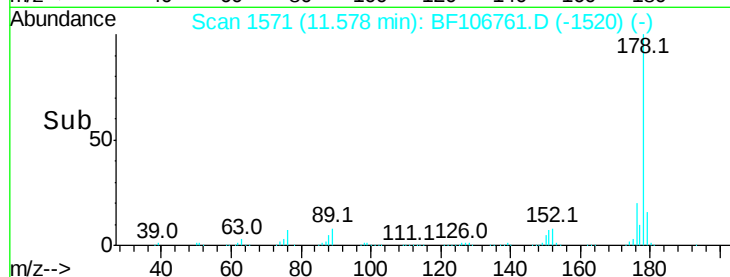
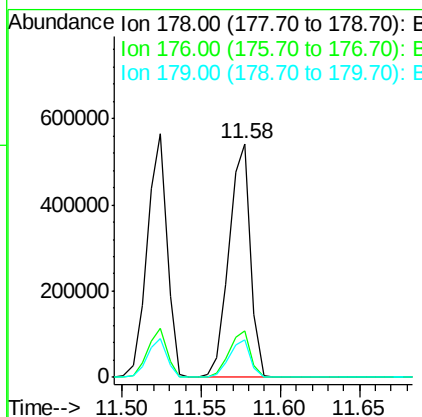
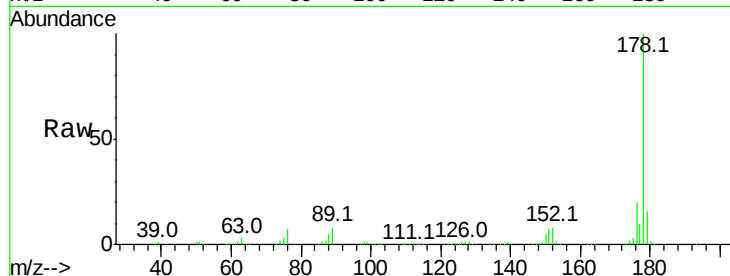
#71
 Anthracene
 Concen: 37.571 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 PB110506BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	15.9	12.6	19.0

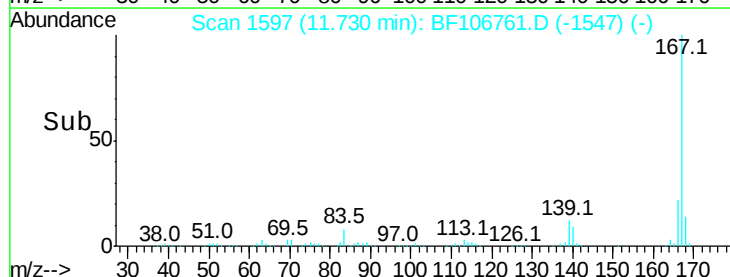
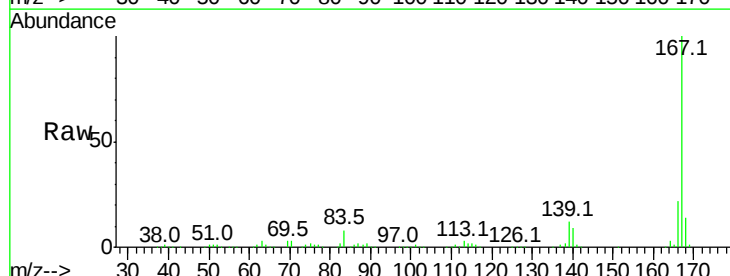
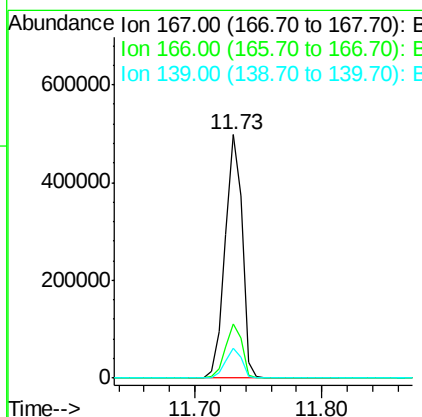
Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:55:28 AM



#72
 Carbazole
 Concen: 36.731 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	12.1	10.9	16.3





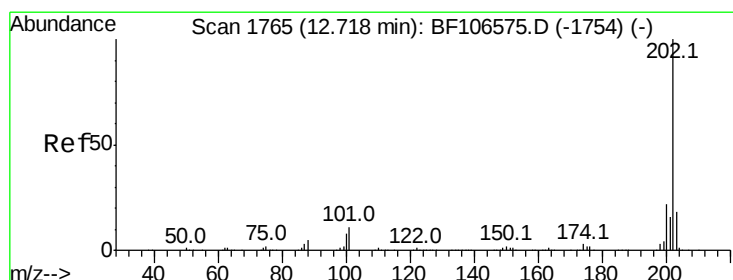
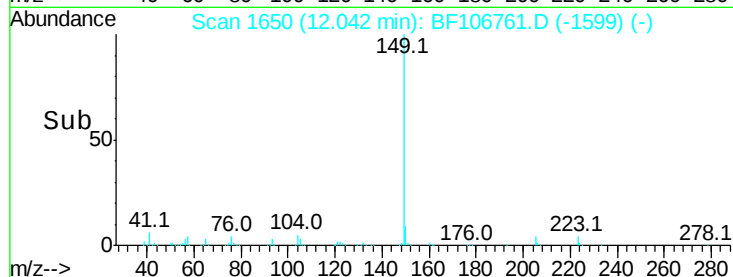
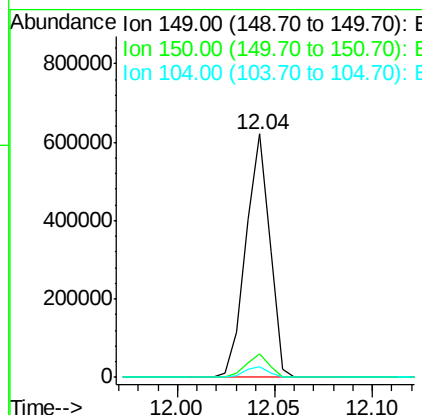
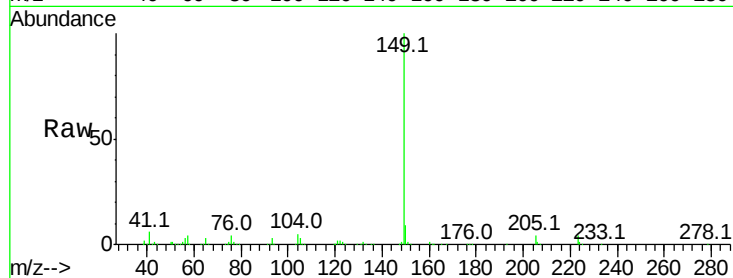
#73
Di-n-butylphthalate
Concen: 35.362 ng
RT: 12.04 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.8	11.6	
104	4.5	3.8	5.8	

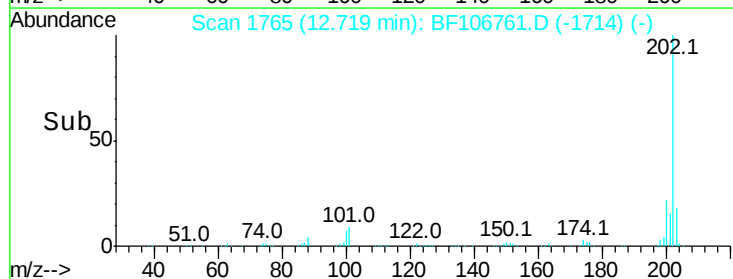
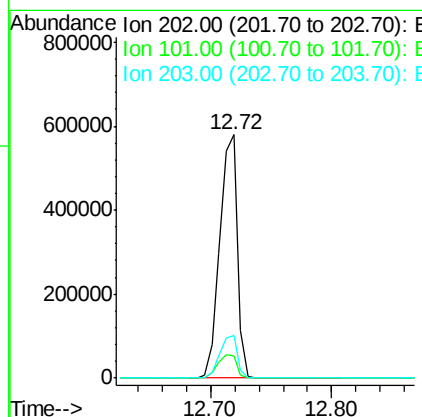
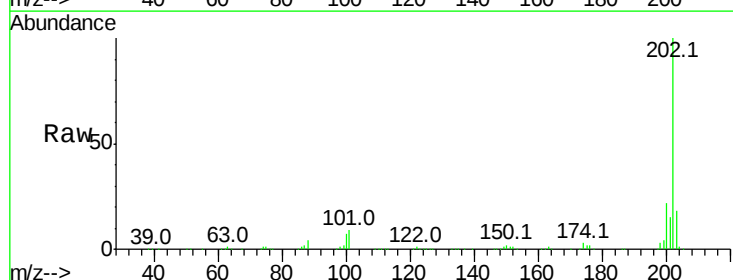
Manual Integrations
APPROVED

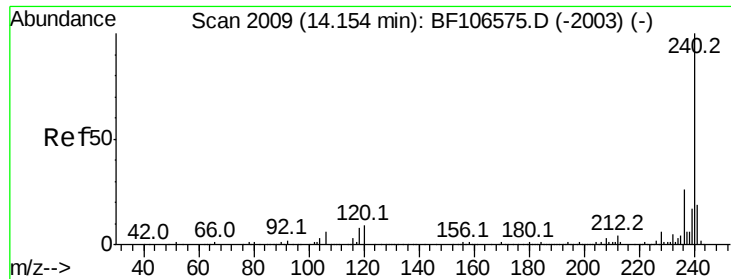
Sohil
6/27/2018 10:55:28 AM



#74
Fluoranthene
Concen: 39.406 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.0	0.0	34.1	
203	17.6	0.0	38.1	





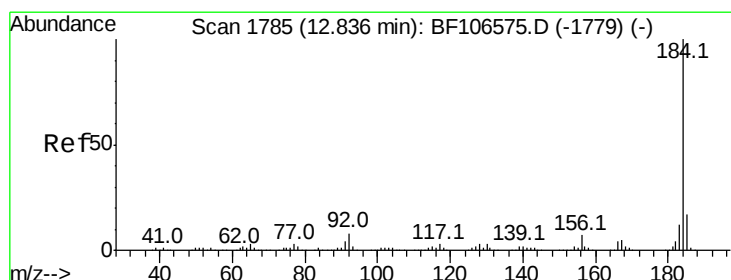
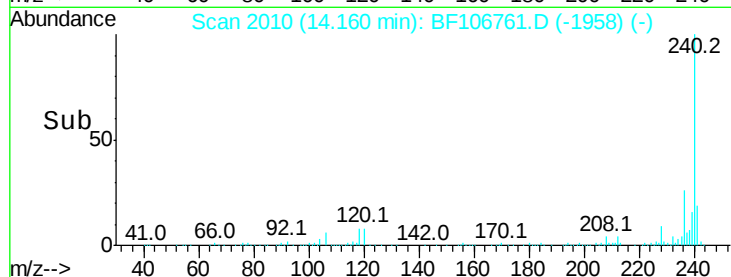
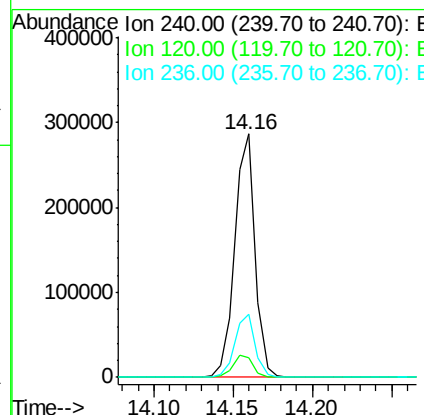
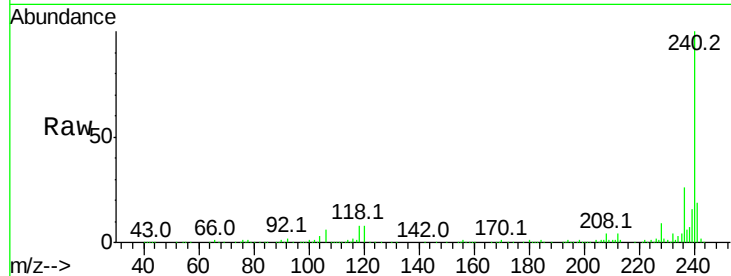
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	254544		
120	7.9	9.5	14.3	
236	26.0	20.7	31.1	

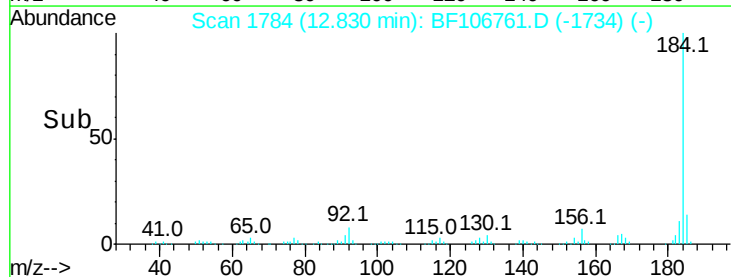
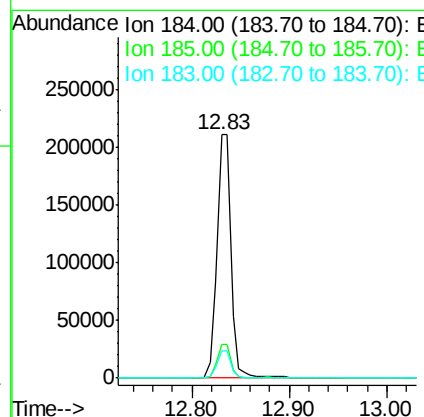
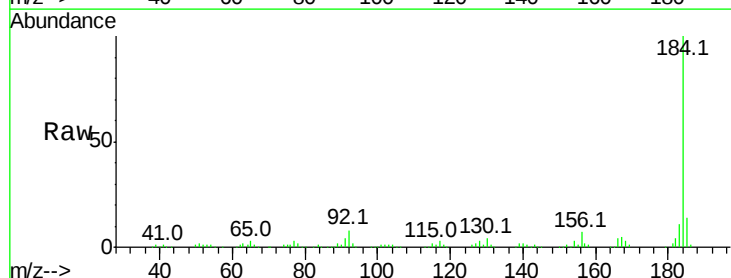
Manual Integrations
APPROVED

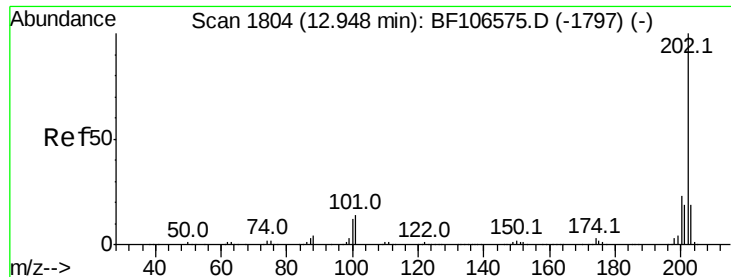
Sohil
6/27/2018 10:55:28 AM



#76
Benzidine
Concen: 29.321 ng
RT: 12.83 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	212556		
185	14.0	12.6	18.8	
183	11.4	9.3	13.9	





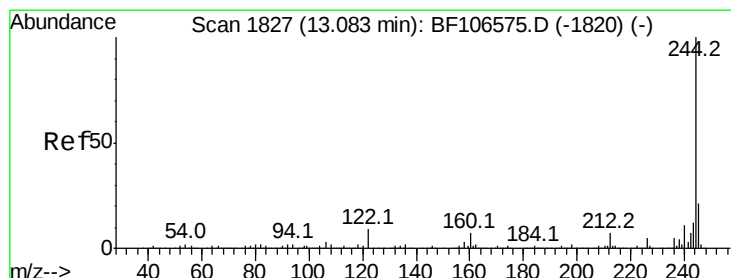
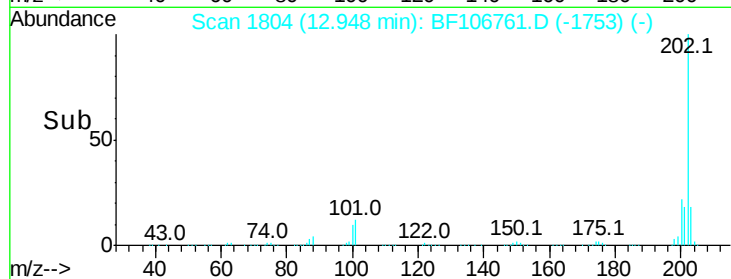
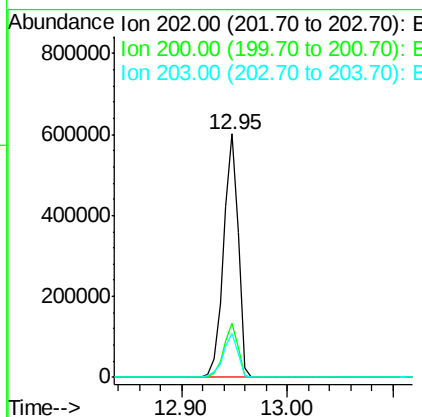
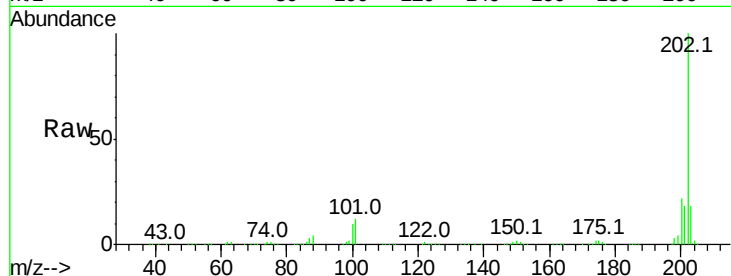
#77
Pvrene
Concen: 34.722 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

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

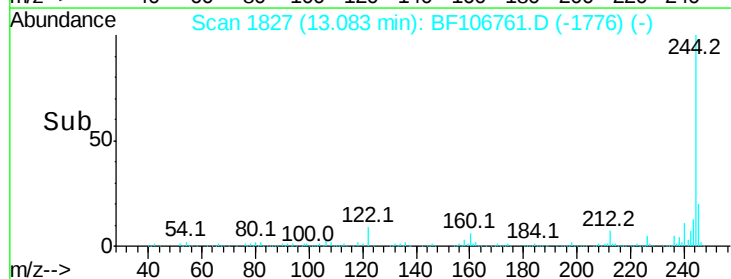
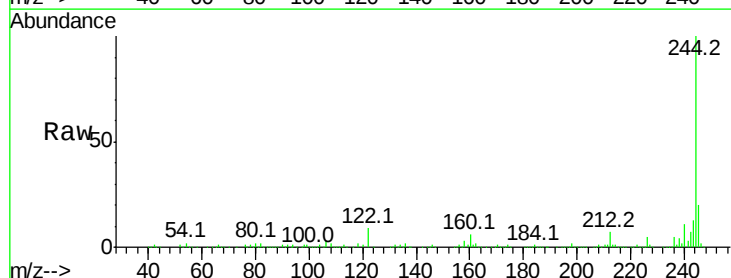
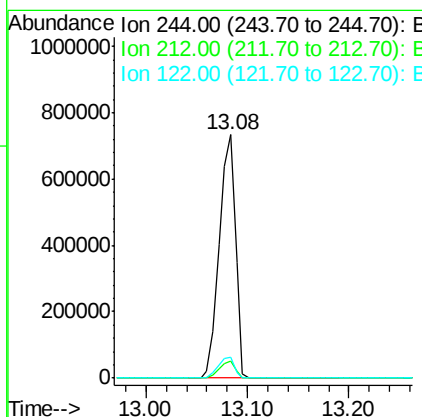
Manual Integrations
APPROVED

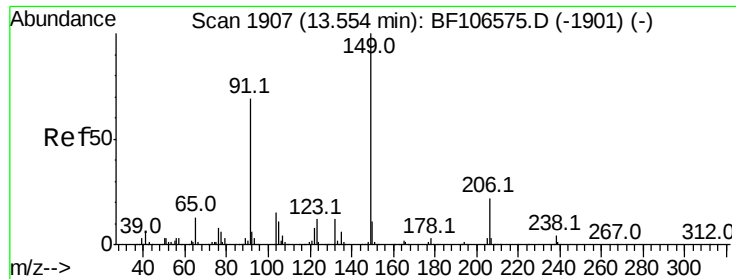
Sohil
6/27/2018 10:55:28 AM



#78
Terphenyl-d14
Concen: 77.510 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.5	11.0	16.4#





#79

Butylbenzylphthalate

Concen: 34.513 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Instrument :

BNA_F

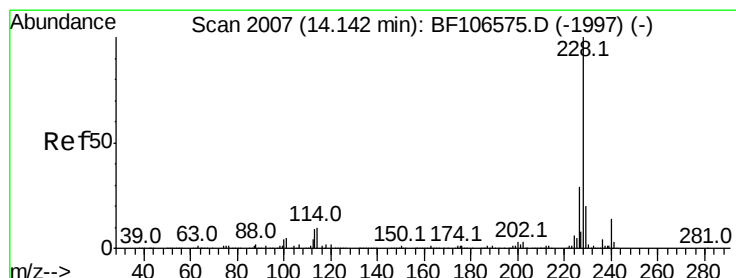
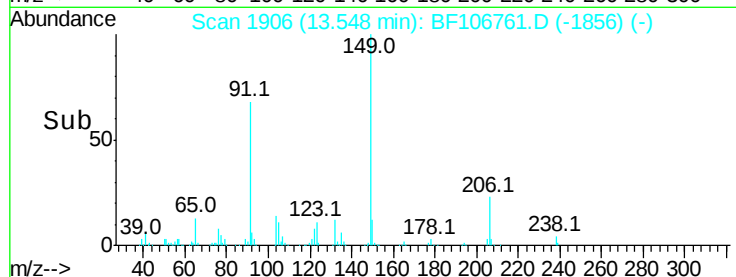
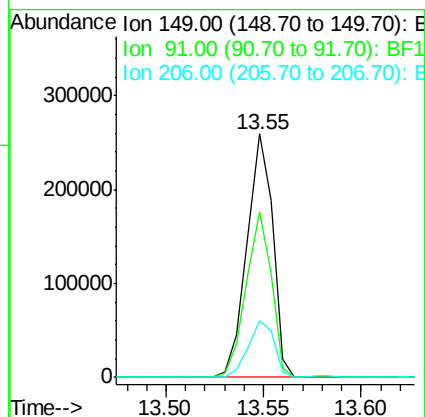
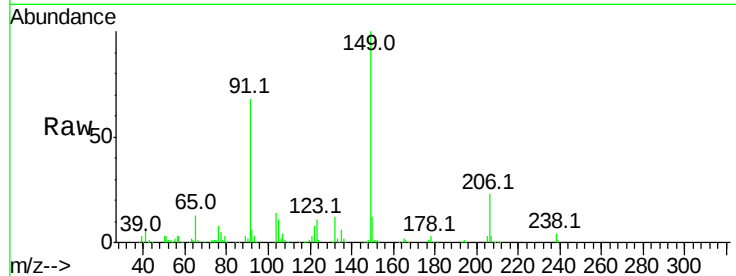
ClientSampleId :

PB110506BS

Tot Ion:	149	Resp:	238185
Ion Ratio	Lower	Upper	
149	100		
91	68.1	56.8	85.2
206	23.3	14.1	21.1

Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#80

Benzo(a)anthracene

Concen: 36.798 ng

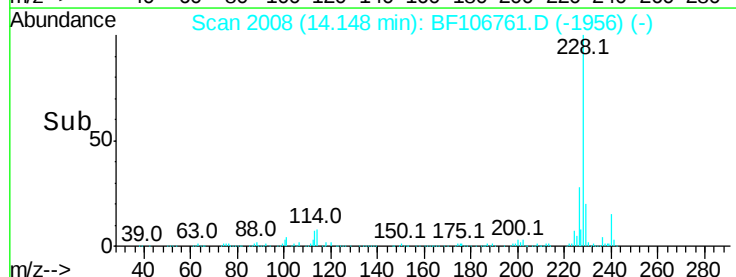
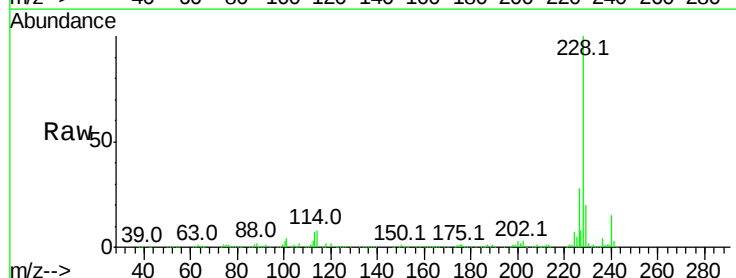
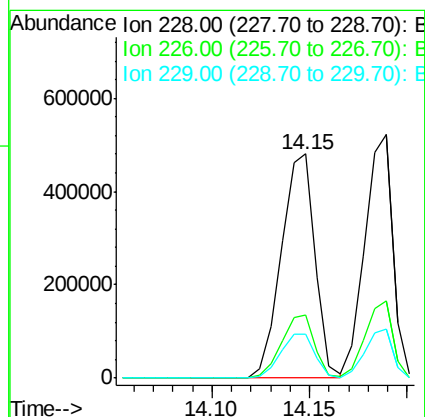
RT: 14.15 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Tgt Ion:	228	Resp:	570880
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	19.8	15.8	23.6





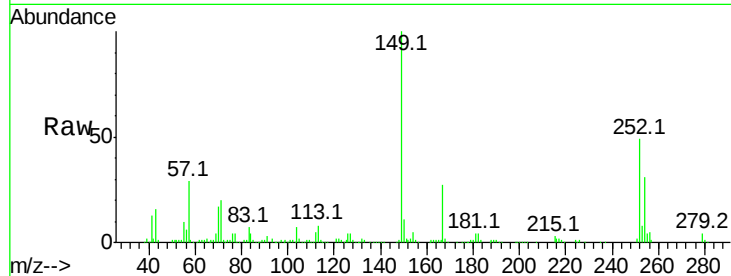
#81
 3,3'-Dichlorobenzidine
 Concen: 15.859 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 PB110506BS

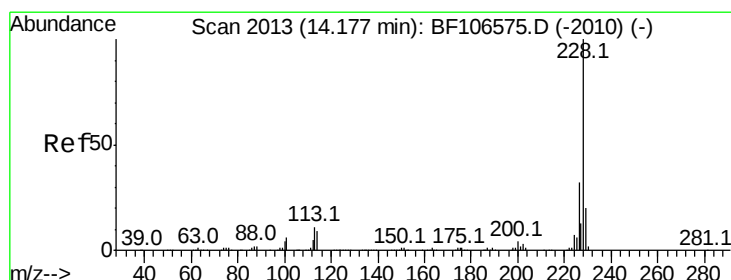
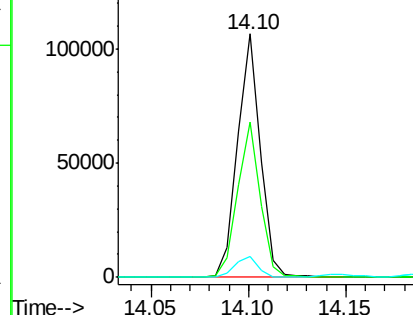
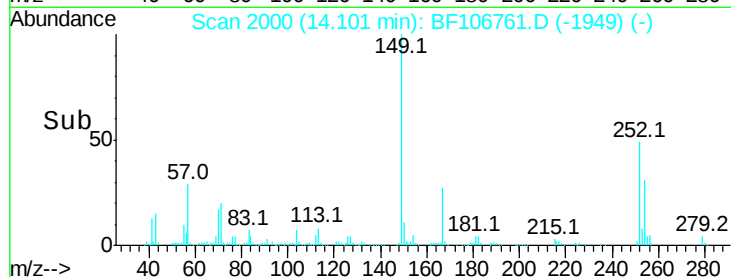
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	8.4	11.3	16.9

Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:55:28 AM

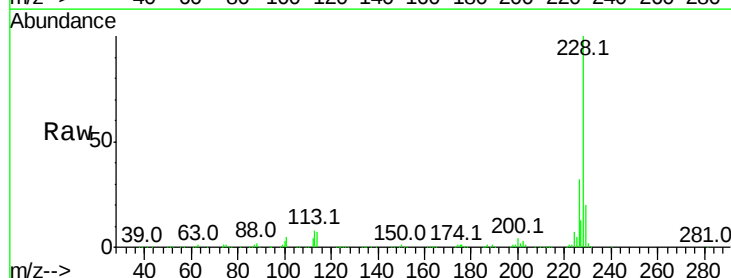


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

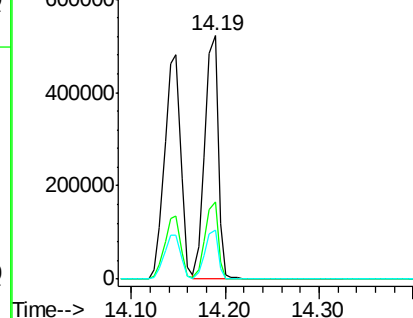
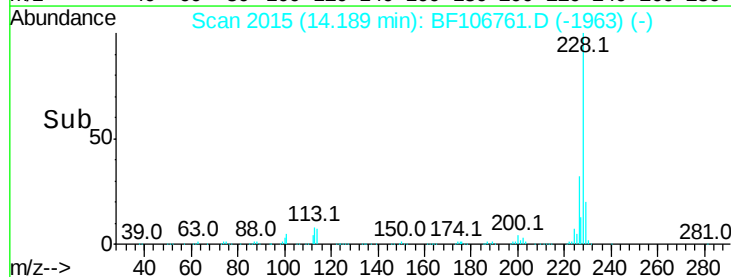


#82
 Chrysene
 Concen: 36.672 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.2	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.284 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Instrument :

BNA_F

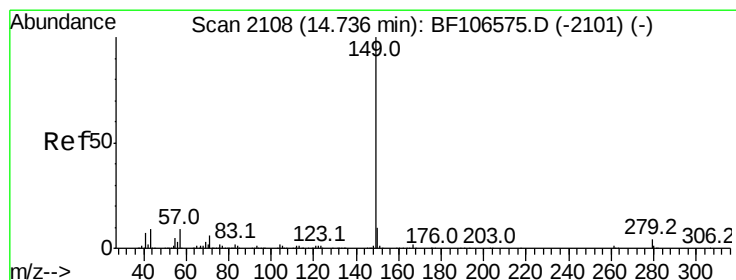
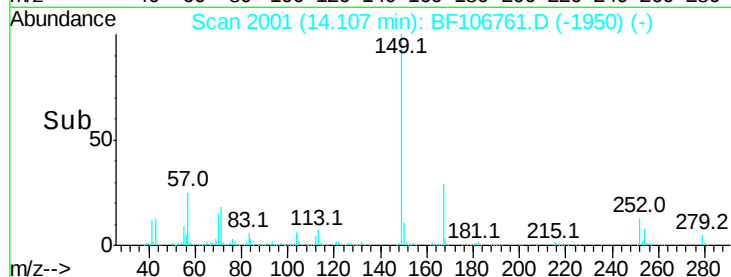
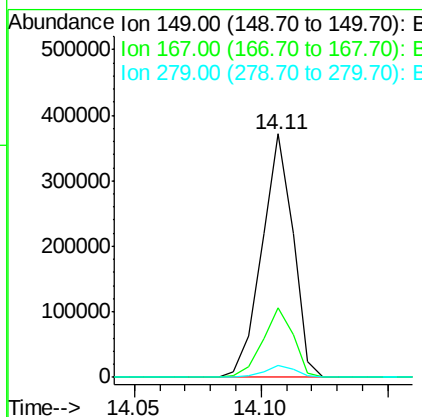
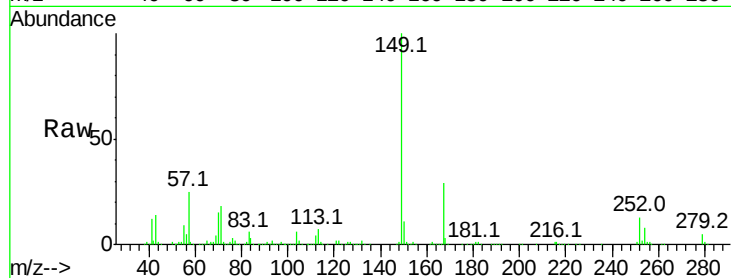
ClientSampleId :

PB110506BS

Tot Ion:	149	Resp:	320139
Ion Ratio	Lower	Upper	
149	100		
167	28.8	21.3	31.9
279	4.7	3.0	4.4

Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#84

Di-n-octyl phthalate

Concen: 38.120 ng

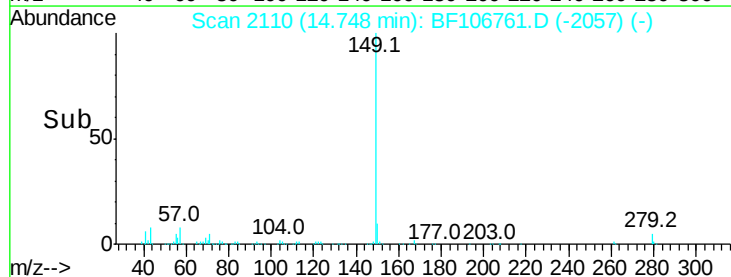
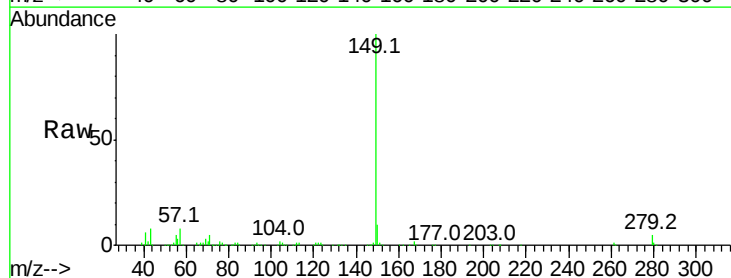
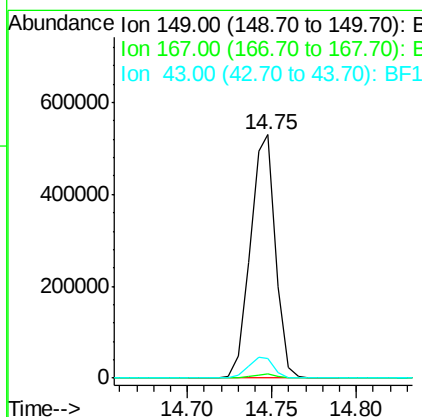
RT: 14.75 min Scan# 2110

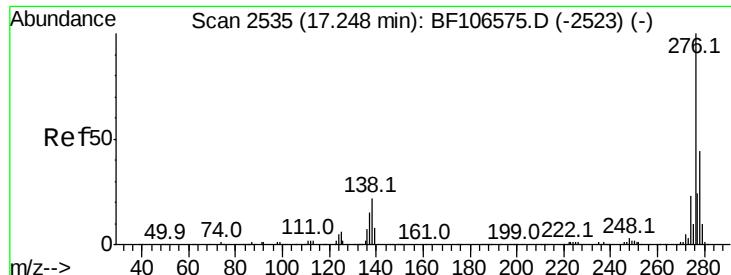
Delta R.T. 0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Tgt Ion:	149	Resp:	548242
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.6	8.4	12.6





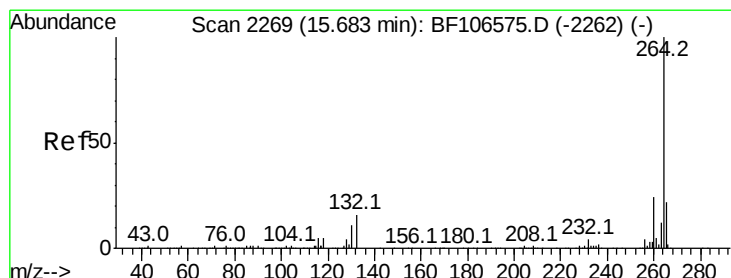
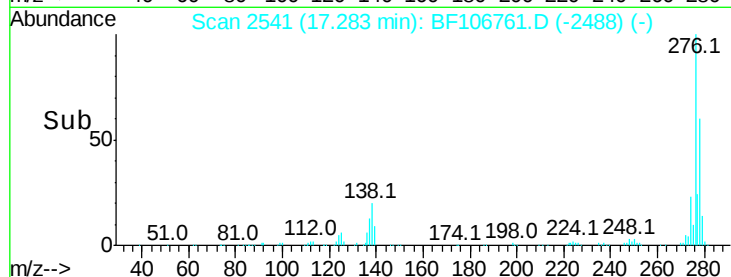
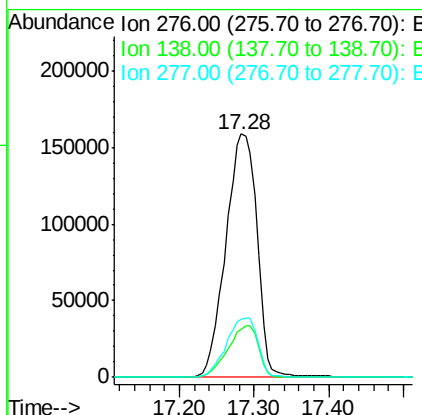
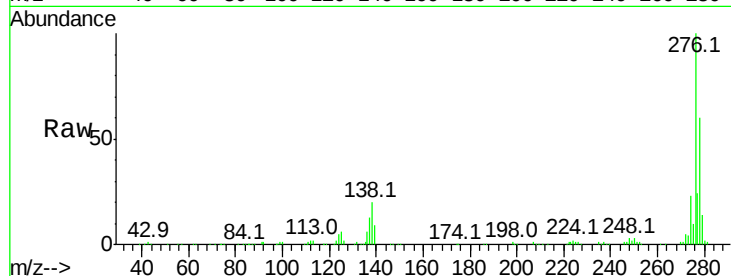
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.129 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	25.0	37.6#
277	24.7	20.1	30.1

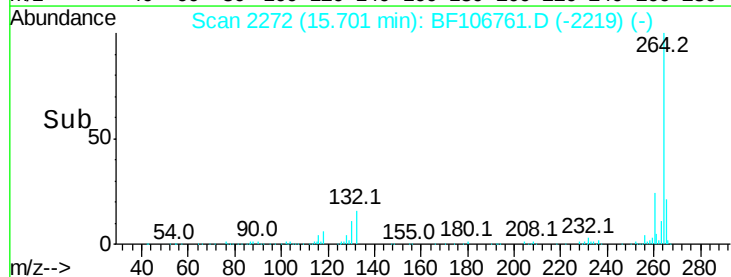
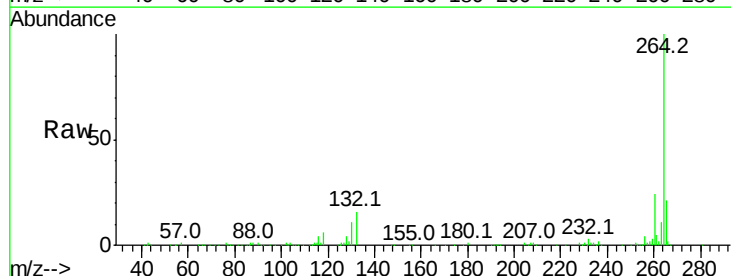
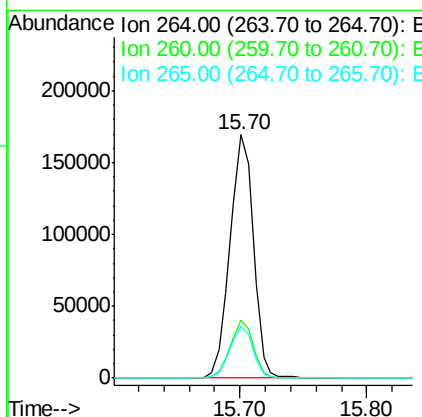
Manual Integrations
APPROVED

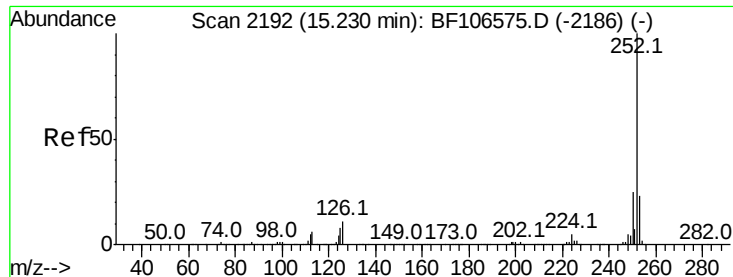
Sohil
6/27/2018 10:55:28 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 37.187 ng

RT: 15.25 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Instrument :

BNA_F

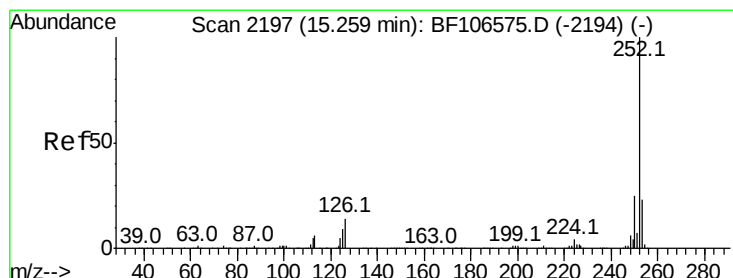
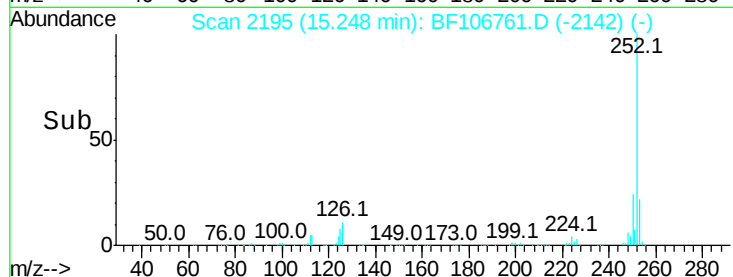
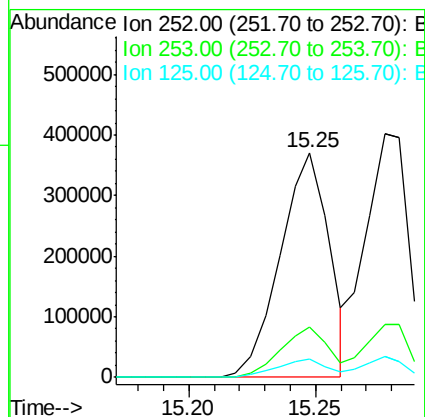
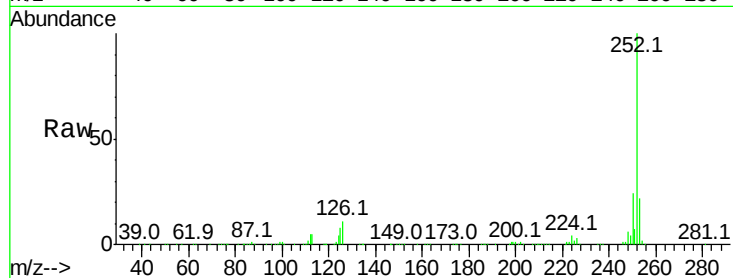
ClientSampleId :

PB110506BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	7.9	9.0	13.6#

Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#88

Benzo(k)fluoranthene

Concen: 37.657 ng

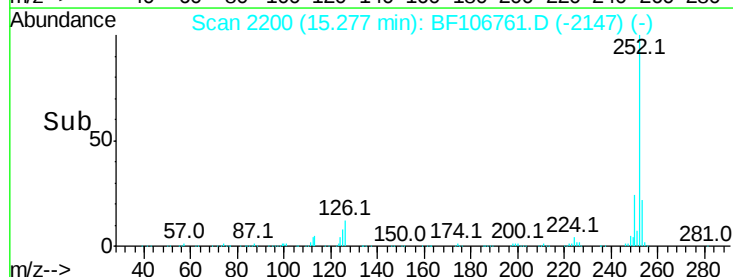
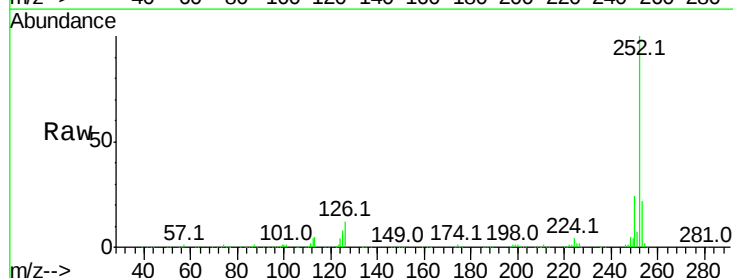
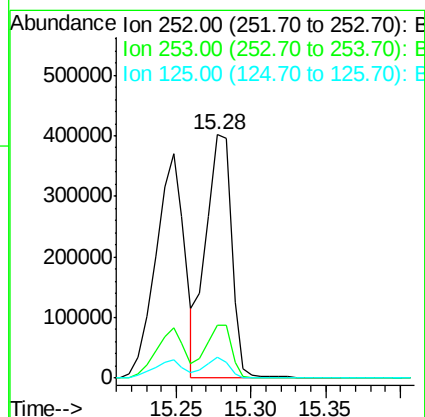
RT: 15.28 min Scan# 2200

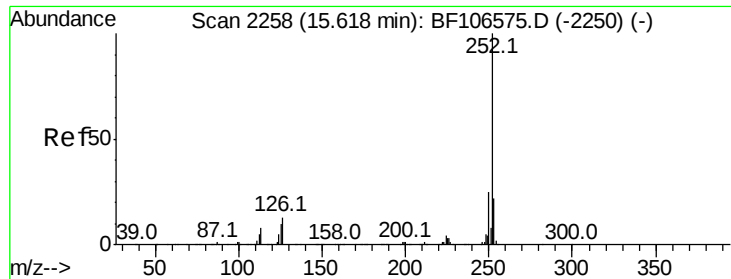
Delta R.T. 0.01 min

Lab File: BF106761.D

Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	8.5	10.2	15.2#





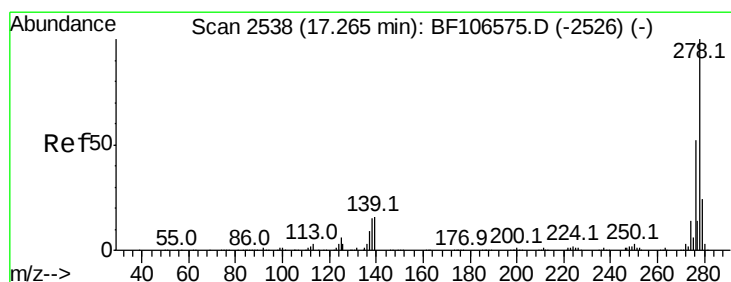
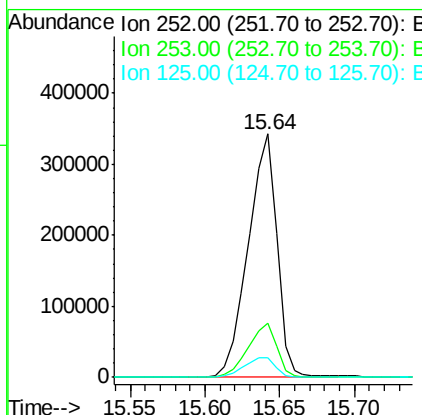
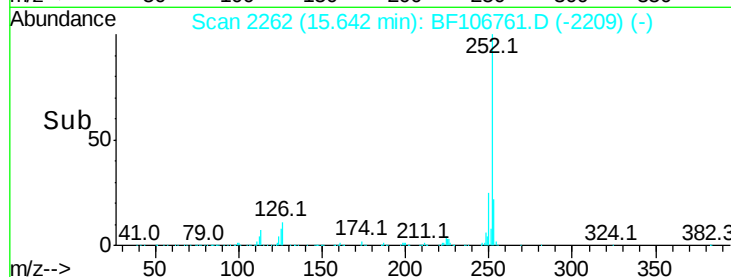
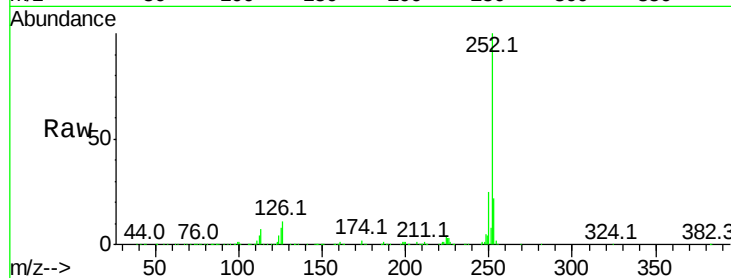
#89
Benzo(a)pyrene
Concen: 38.282 ng
RT: 15.64 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	8.2	9.8	14.6

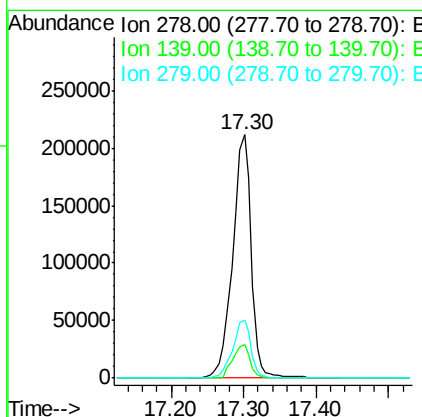
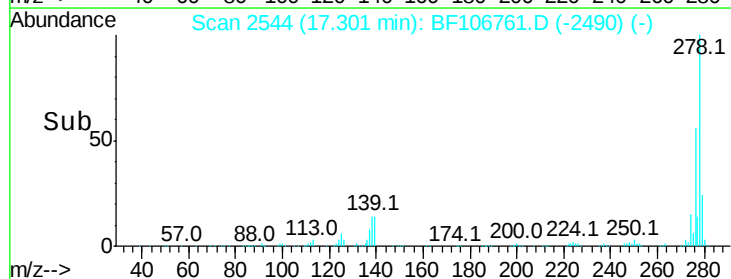
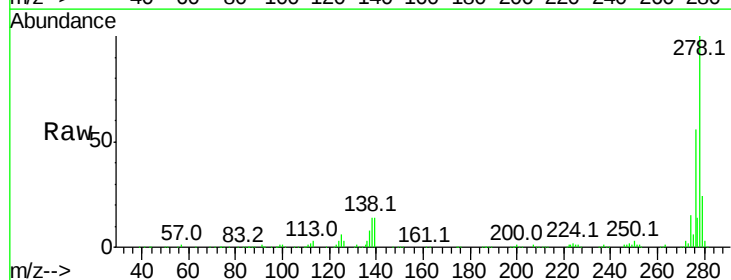
Manual Integrations
APPROVED

Sohil
6/27/2018 10:55:28 AM



#90
Dibenzo(a,h)anthracene
Concen: 37.519 ng
RT: 17.30 min Scan# 2544
Delta R.T. 0.02 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.799 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. 0.02 min
 Lab File: BF106761.D
 Acq: 25 Jun 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 PB110506BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	18.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:55:28 AM

