

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
 Data File : BF107332.D
 Acq On : 12 Jul 2018 12:18
 Operator : JU/SJ
 Sample : PB110986BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BSD

Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:09 AM

Quant Time: Jul 12 15:02:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	64355	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	239998	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	126359	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	242316	20.00	ng	0.00
75) Chrysene-d12	14.14	240	157802	20.00	ng	0.00
86) Perylene-d12	15.68	264	168797	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	532674	140.16	ng	0.02
7) Phenol-d6	6.59	99	664976	140.11	ng	0.01
23) Nitrobenzene-d5	7.51	82	444880	103.02	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	215194	146.94	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	799176	111.68	ng	0.00
78) Terphenyl-d14	13.07	244	847990	130.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	68345	34.979	ng	96
3) Pyridine	3.62	79	205355	38.753	ng	98
4) n-Nitrosodimethylamine	3.60	42	87076	38.689	ng	82
6) Aniline	6.61	93	185487	28.811	ng	# 41
8) 2-Chlorophenol	6.73	128	188881	45.312	ng	96
9) Benzaldehyde	6.49	77	115119	34.393	ng	99
10) Phenol	6.60	94	225371	41.609	ng	77
11) bis(2-Chloroethyl)ether	6.67	93	194940	43.596	ng	98
12) 1,3-Dichlorobenzene	6.87	146	223463	45.771	ng	98
13) 1,4-Dichlorobenzene	6.95	146	222736	45.125	ng	99
14) 1,2-Dichlorobenzene	7.10	146	202227	44.705	ng	98
15) Benzyl Alcohol	7.08	79	151961	39.875	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	260395	44.384	ng	# 20
17) 2-Methylphenol	7.20	107	165517	46.399	ng	# 89
18) Hexachloroethane	7.44	117	76749	44.216	ng	# 85
19) n-Nitroso-di-n-propylamine	7.35	70	133830	42.778	ng	91
20) 3+4-Methylphenols	7.35	107	209997	60.110	ng	91
22) Acetophenone	7.34	105	265081	49.369	ng	# 99
24) Nitrobenzene	7.52	77	209796	47.583	ng	99
25) Isophorone	7.76	82	394002	51.775	ng	100
26) 2-Nitrophenol	7.84	139	112801	54.195	ng	98
27) 2,4-Dimethylphenol	7.87	122	180761	56.187	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	248207	48.578	ng	99
29) 2,4-Dichlorophenol	8.08	162	183547	54.496	ng	95
30) 1,2,4-Trichlorobenzene	8.15	180	198793	53.578	ng	97
31) Naphthalene	8.24	128	562725	50.151	ng	100
32) Benzoic acid	8.04	122	93117	40.772	ng	98
33) 4-Chloroaniline	8.29	127	92495	19.646	ng	99
34) Hexachlorobutadiene	8.34	225	129245	53.459	ng	99
35) Caprolactam	8.69	113	60219m	54.849	ng	
36) 4-Chloro-3-methylphenol	8.80	107	184910	52.159	ng	99
37) 2-Methylnaphthalene	8.94	142	416606	56.016	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	219981	51.695	ng	# 96
40) Hexachlorocyclopentadiene	9.08	237	93055	42.503	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
 Data File : BF107332.D
 Acq On : 12 Jul 2018 12:18
 Operator : JU/SJ
 Sample : PB110986BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BSD

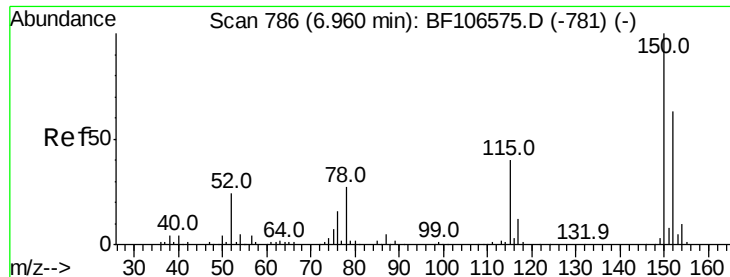
Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:09 AM

Quant Time: Jul 12 15:02:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	121661	43.011	nq	95
43) 2,4,5-Trichlorophenol	9.28	196	115406	39.100	nq	# 88
45) 1,1'-Biphenyl	9.40	154	499986	49.650	nq	98
46) 2-Chloronaphthalene	9.43	162	375494	47.371	nq	95
47) 2-Nitroaniline	9.54	65	113806	42.696	nq	99
48) Acenaphthylene	9.85	152	565833	45.214	nq	99
49) Dimethylphthalate	9.70	163	421401	44.465	nq	98
50) 2,6-Dinitrotoluene	9.78	165	100232	49.946	nq	88
51) Acenaphthene	10.02	154	347161	44.053	nq	98
52) 3-Nitroaniline	9.95	138	54906	23.776	nq	96
53) 2,4-Dinitrophenol	10.08	184	66529	64.849	nq	# 15
54) Dibenzofuran	10.19	168	507304	47.012	nq	97
55) 4-Nitrophenol	10.14	139	41483	25.735	nq	96
56) 2,4-Dinitrotoluene	10.19	165	116512	44.480	nq	94
57) Fluorene	10.54	166	417385	48.743	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	90751	38.679	nq	# 74
59) Diethylphthalate	10.40	149	410477	44.876	nq	# 92
60) 4-Chlorophenyl-phenylether	10.52	204	222901	49.750	nq	# 87
61) 4-Nitroaniline	10.58	138	89494	39.049	nq	95
62) Azobenzene	10.68	77	396089	43.973	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	66254	44.232	nq	79
65) n-Nitrosodiphenylamine	10.65	169	363318	44.577	nq	99
66) 4-Bromophenyl-phenylether	11.01	248	152861	52.858	nq	# 80
67) Hexachlorobenzene	11.09	284	161812	53.460	nq	# 83
68) Atrazine	11.17	200	127503	49.210	nq	95
69) Pentachlorophenol	11.30	266	46070	30.505	nq	97
70) Phenanthrene	11.51	178	600326	51.365	nq	99
71) Anthracene	11.56	178	612401	51.335	nq	99
72) Carbazole	11.72	167	502341	44.977	nq	98
73) Di-n-butylphthalate	12.02	149	598535	45.489	nq	98
74) Fluoranthene	12.70	202	605356	46.993	nq	96
76) Benzidine	12.82	184	156540	34.832	nq	97
77) Pyrene	12.94	202	587598	56.468	nq	99
79) Butylbenzylphthalate	13.53	149	205336	47.994	nq	# 92
80) Benzo(a)anthracene	14.13	228	485968	50.529	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	106667	31.557	nq	# 95
82) Chrysene	14.17	228	449703	50.825	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	256410	46.877	nq	97
84) Di-n-octyl phthalate	14.70	149	437170	49.032	nq	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	589725	78.538	nq	# 89
87) Benzo(b)fluoranthene	15.22	252	512264	48.854	nq	# 97
88) Benzo(k)fluoranthene	15.25	252	436862	43.750	nq	# 95
89) Benzo(a)pyrene	15.62	252	481630	51.669	nq	# 96
90) Dibenzo(a,h)anthracene	17.29	278	483117	61.155	nq	# 92
91) Benzo(g,h,i)perylene	17.77	276	513372	66.487	nq	# 90

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



#1

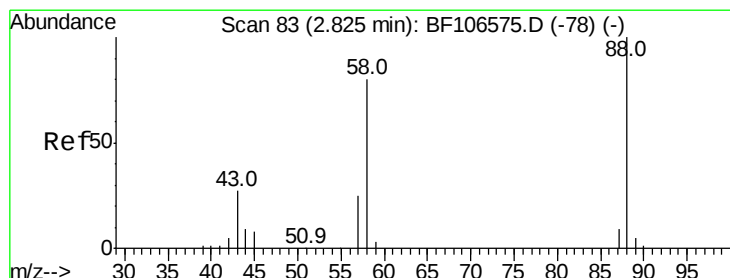
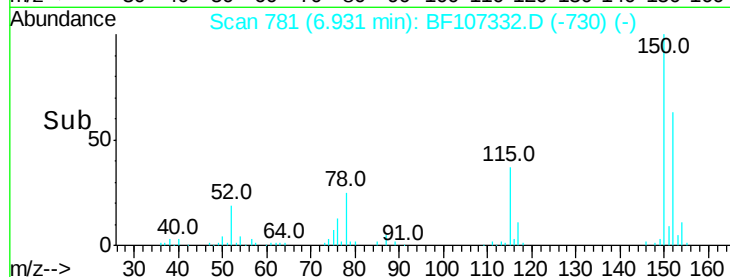
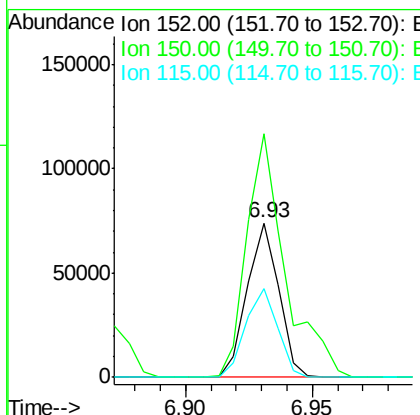
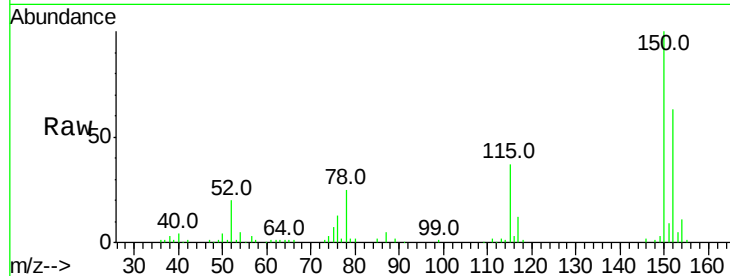
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	57.6	50.1	75.1

Manual Integrations
APPROVED

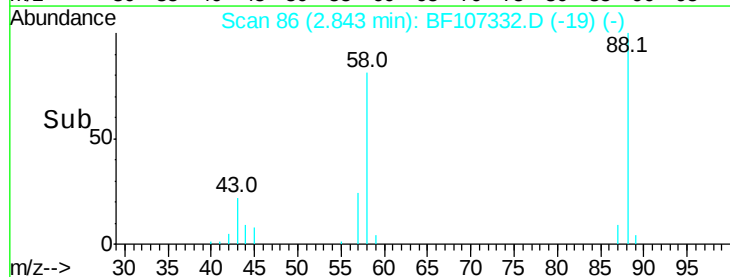
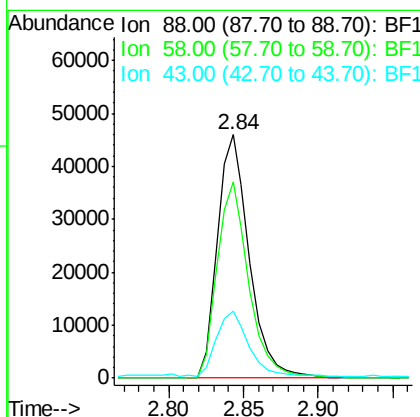
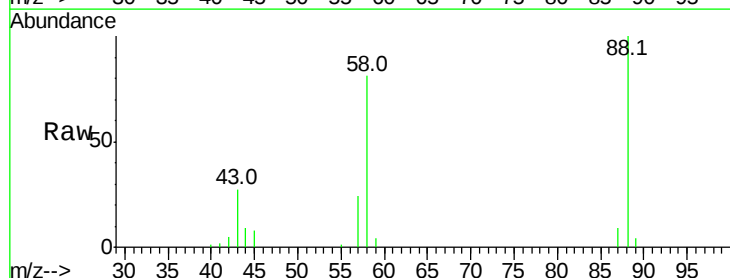
Sohil
7/13/2018 11:17:09 AM

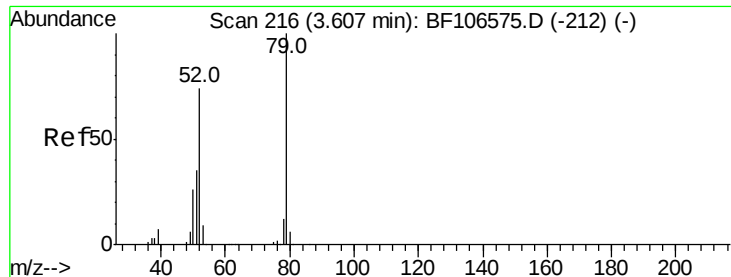


#2

1,4-Dioxane
Concen: 34.979 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.09 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	62.6	93.8
43	27.1	24.6	37.0





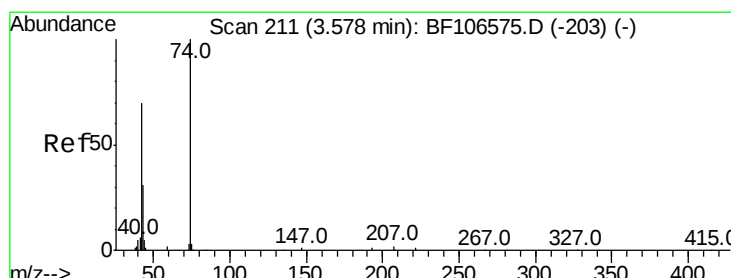
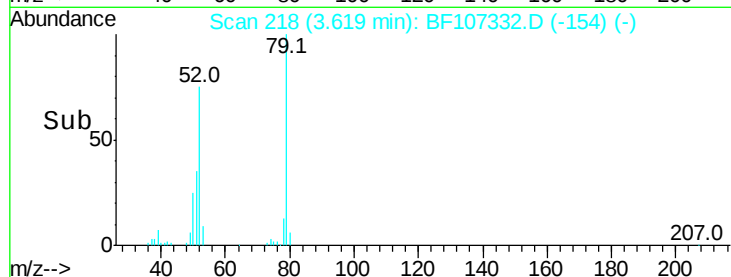
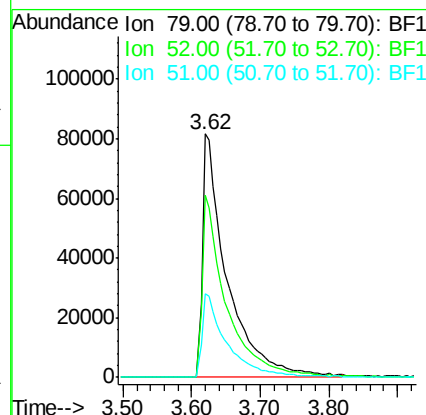
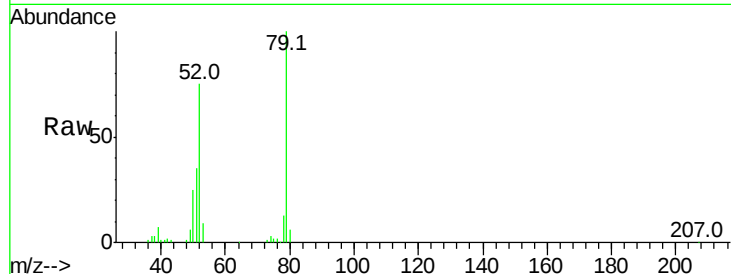
#3
 Pvridine
 Concen: 38.753 ng
 RT: 3.62 min Scan# 218
 Delta R.T. 0.08 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		205355		
52	74.8		59.8	89.6	
51	34.6		29.8	44.8	

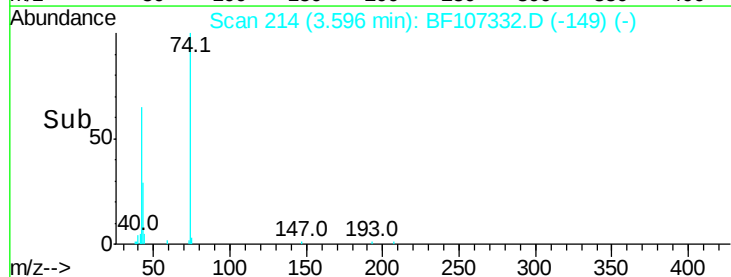
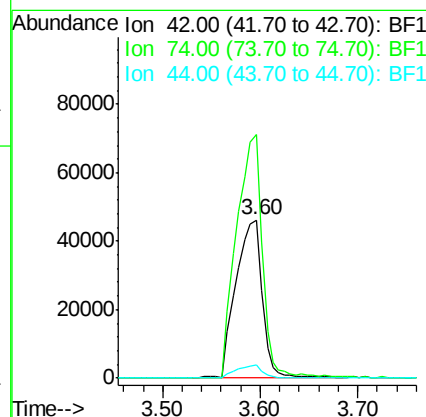
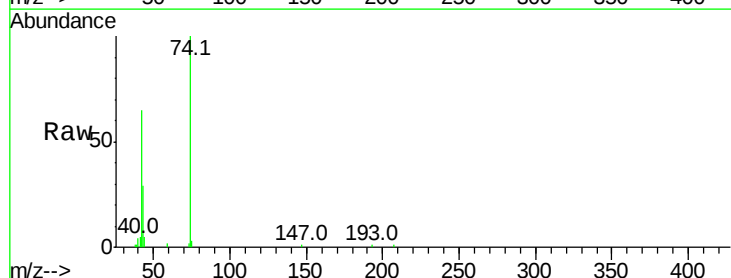
Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:09 AM



#4
 n-Nitrosodimethylamine
 Concen: 38.689 ng
 RT: 3.60 min Scan# 214
 Delta R.T. 0.08 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		87076		
74	154.1		104.9	157.3	
44	8.4		6.9	10.3	





#5

2-Fluorophenol

Concen: 140.158 ng

RT: 5.58 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Instrument :

BNA_F

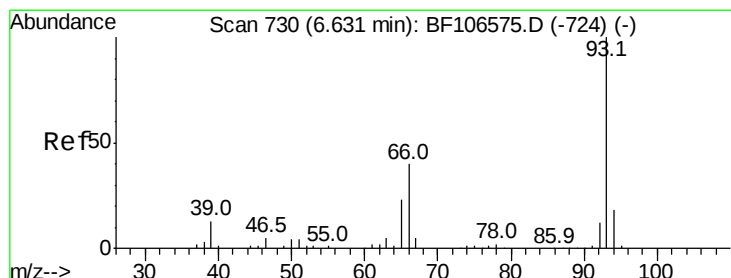
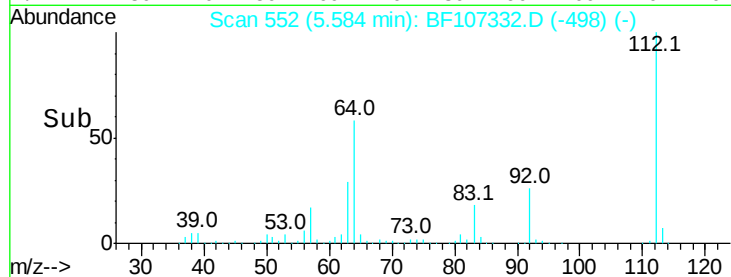
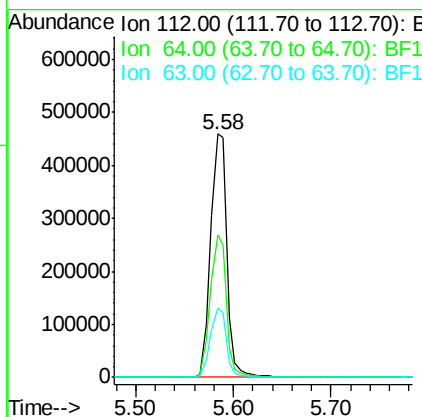
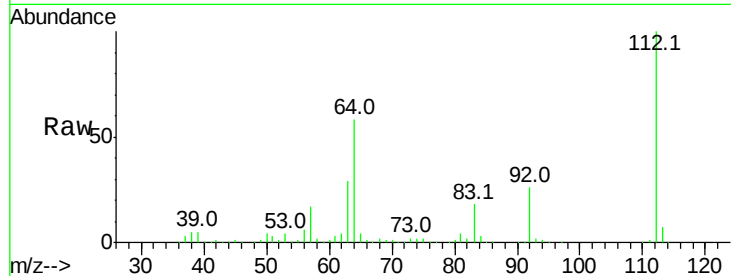
ClientSampleId :

PB110986BSD

Tot Ion:	112	Resp:	532674
Ion Ratio	Lower	Upper	
112	100		
64	58.4	47.9	71.9
63	28.8	23.7	35.5

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:09 AM



#6

Aniline

Concen: 28.811 ng

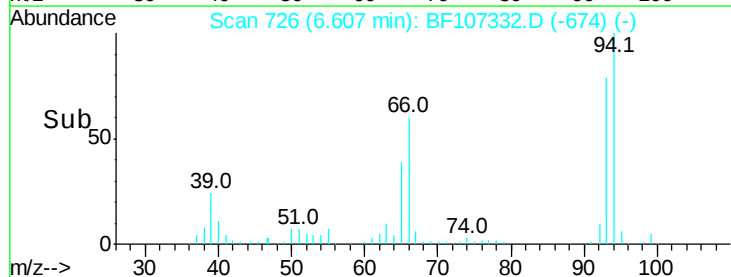
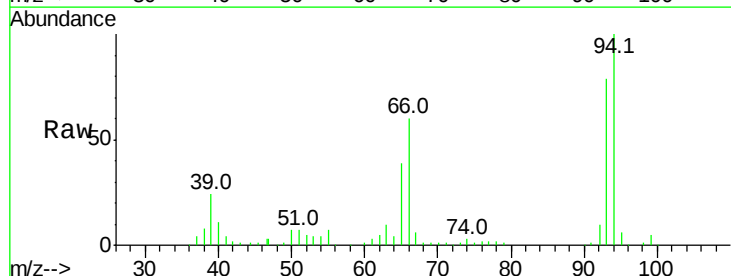
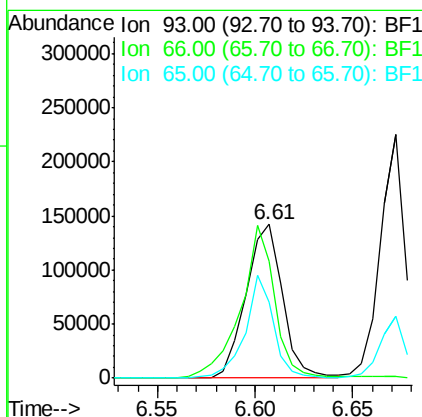
RT: 6.61 min Scan# 726

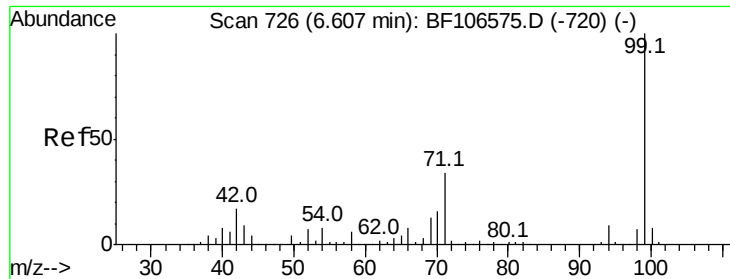
Delta R.T. 0.01 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Tgt Ion:	93	Resp:	185487
Ion Ratio	Lower	Upper	
93	100		
66	76.1	32.2	48.2#
65	49.5	16.4	24.6#





#7

Phenol-d6

Concen: 140.109 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Instrument :

BNA_F

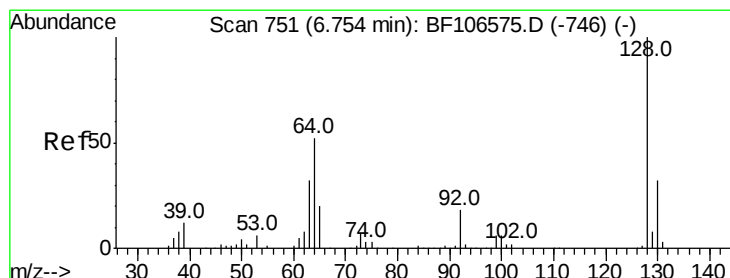
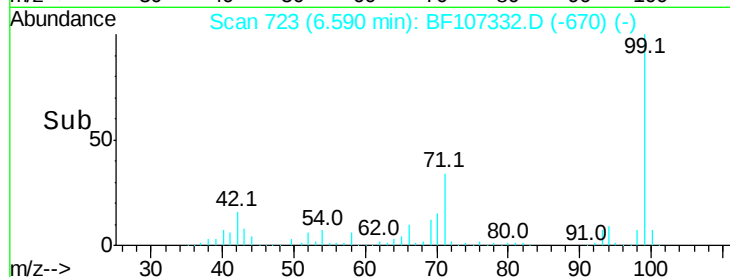
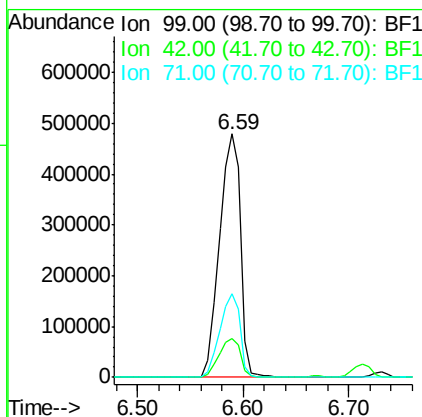
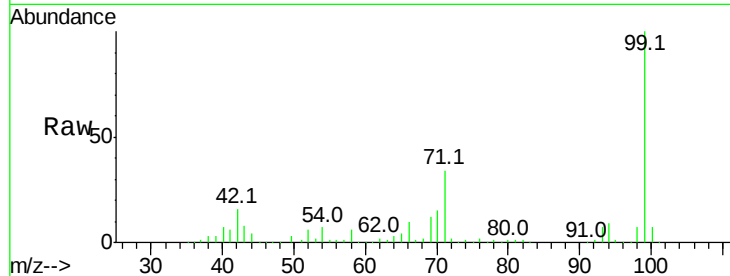
ClientSampleId :

PB110986BSD

Tot Ion:	99	Resp:	664976
Ion Ratio	Lower	Upper	
99	100		
42	16.2	14.5	21.7
71	34.1	25.4	38.0

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:09 AM



#8

2-Chlorophenol

Concen: 45.312 ng

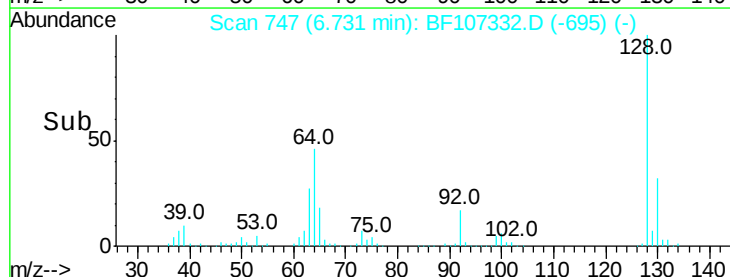
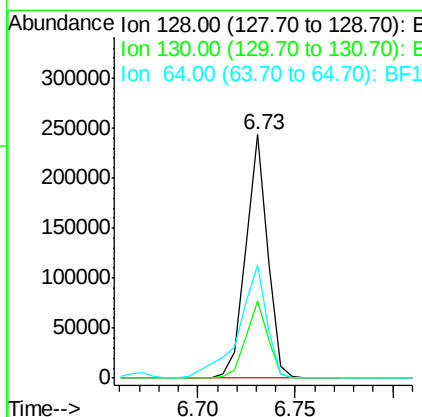
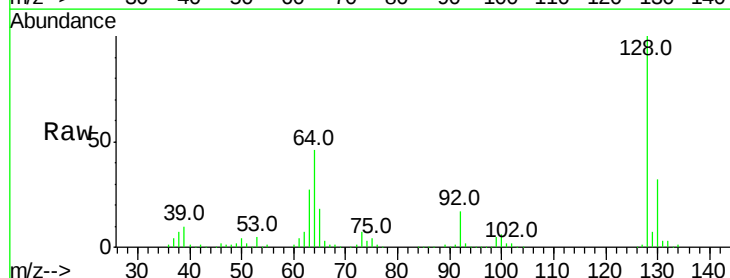
RT: 6.73 min Scan# 747

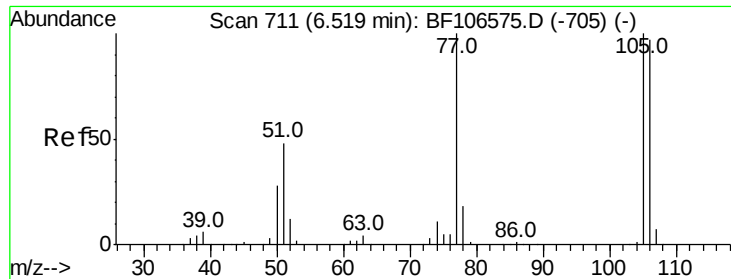
Delta R.T. 0.01 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Tgt Ion:	128	Resp:	188881
Ion Ratio	Lower	Upper	
128	100		
130	31.6	13.0	53.0
64	46.5	29.4	69.4





#9

Benzaldehyde

Concen: 34.393 ng

RT: 6.49 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Instrument :

BNA_F

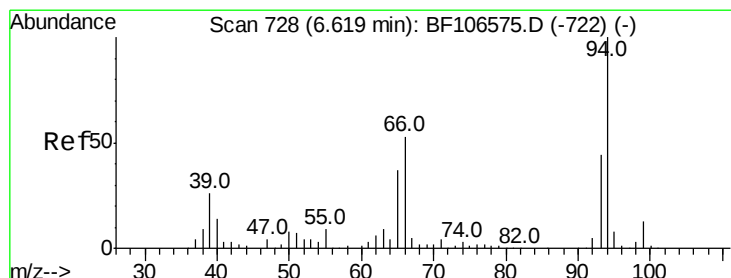
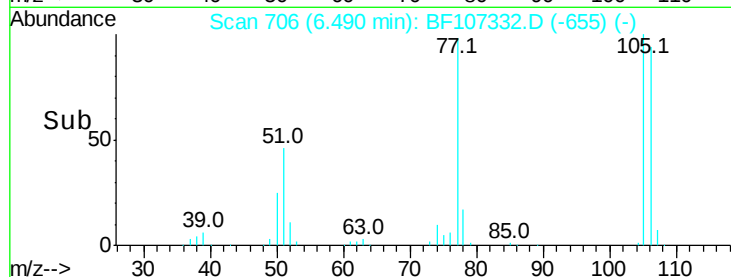
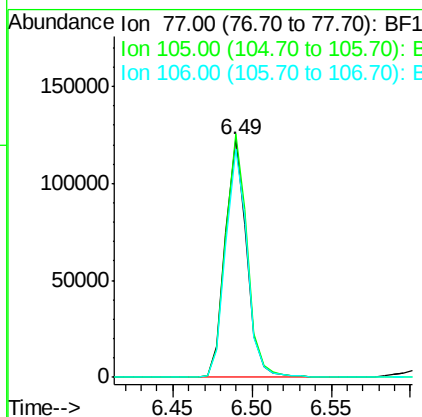
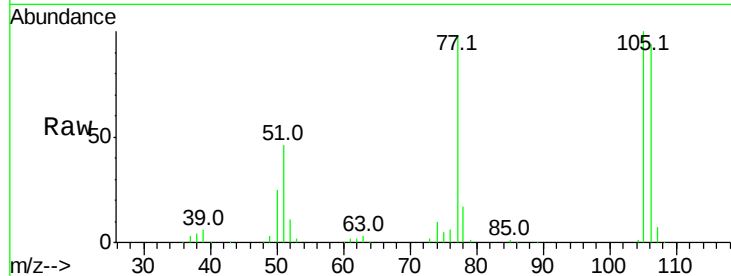
ClientSampleId :

PB110986BSD

Tot Ion:	77	Resp:	115119
Ion Ratio	Lower	Upper	
77	100		
105	102.1	81.1	121.1
106	95.6	74.5	114.5

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:09 AM



#10

Phenol

Concen: 41.609 ng

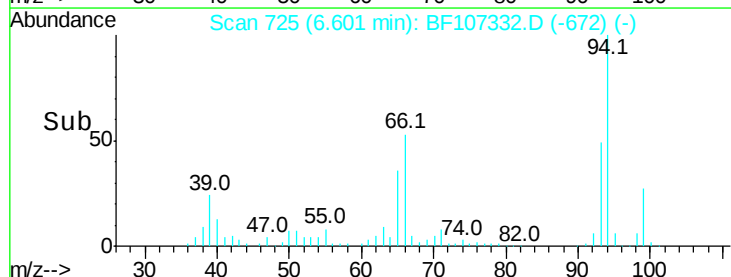
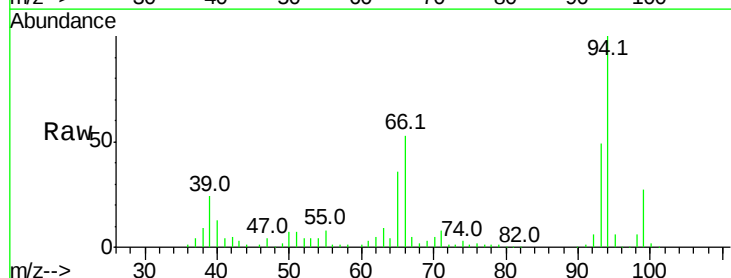
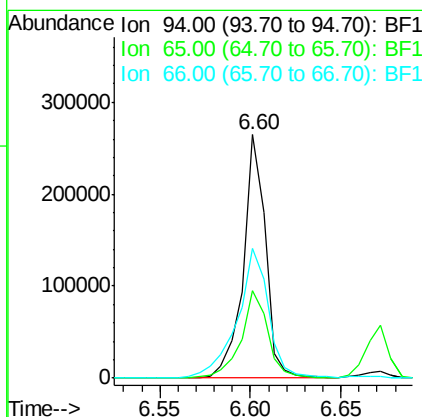
RT: 6.60 min Scan# 725

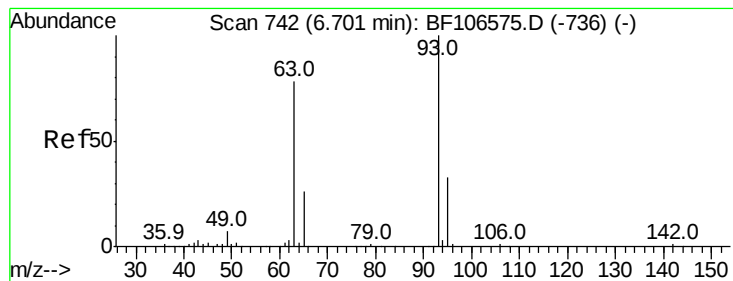
Delta R.T. 0.01 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Tgt Ion:	94	Resp:	225371
Ion Ratio	Lower	Upper	
94	100		
65	36.1	7.9	47.9
66	53.4	16.2	56.2





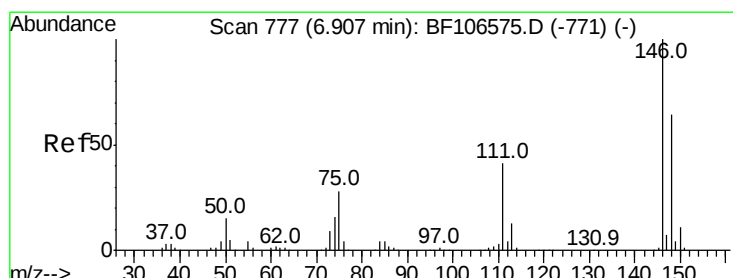
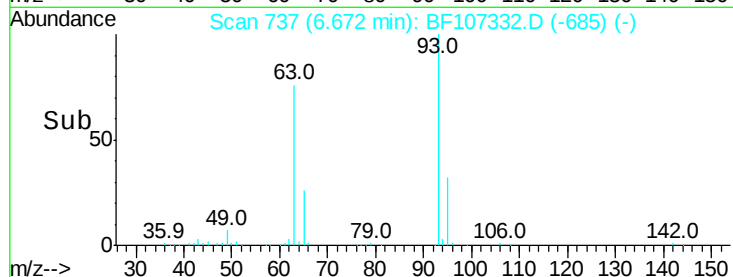
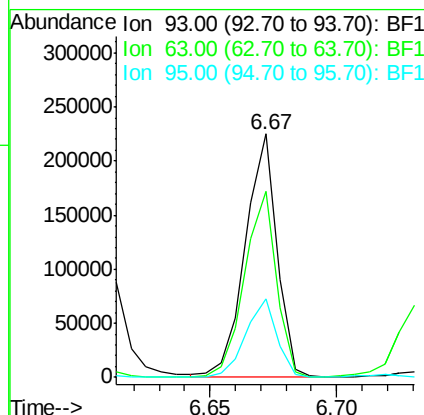
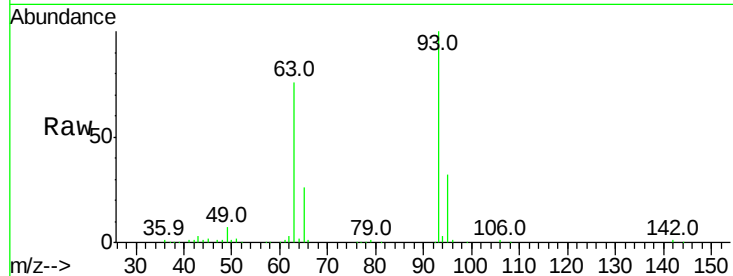
#11
bis(2-Chloroethyl)ether
Concen: 43.596 ng
RT: 6.67 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.3	58.6	98.6
95	32.1	11.8	51.8

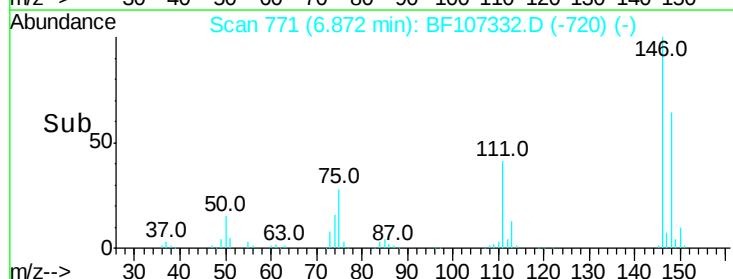
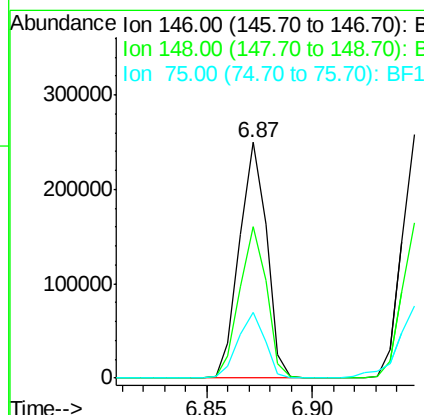
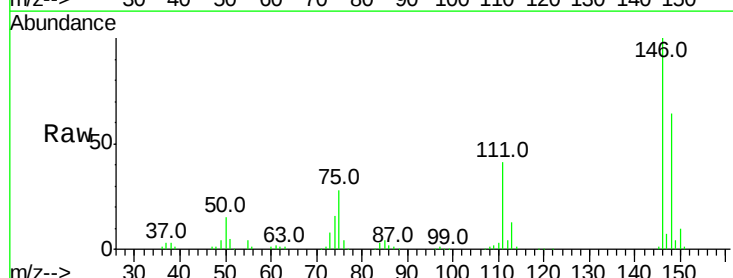
Manual Integrations
APPROVED

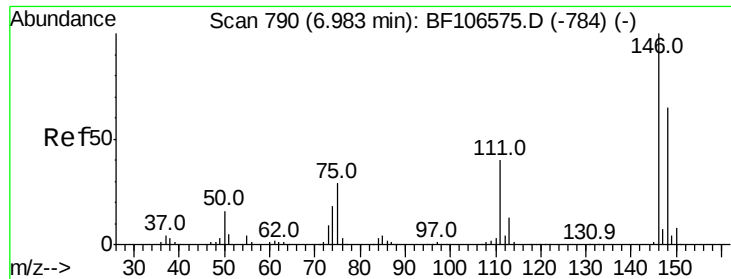
Sohil
7/13/2018 11:17:09 AM



#12
1,3-Dichlorobenzene
Concen: 45.771 ng
RT: 6.87 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	28.0	24.2	36.4





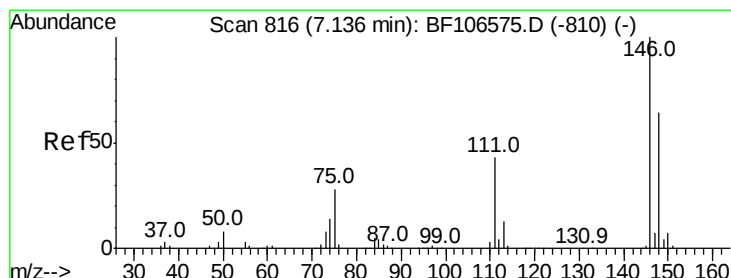
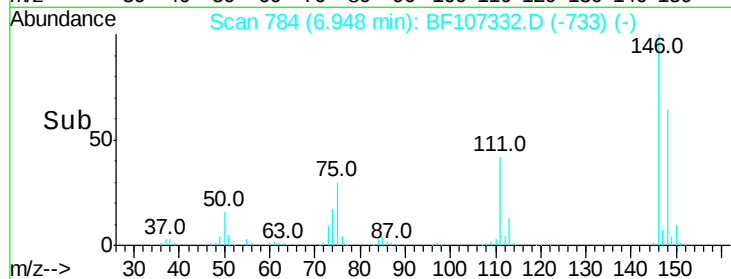
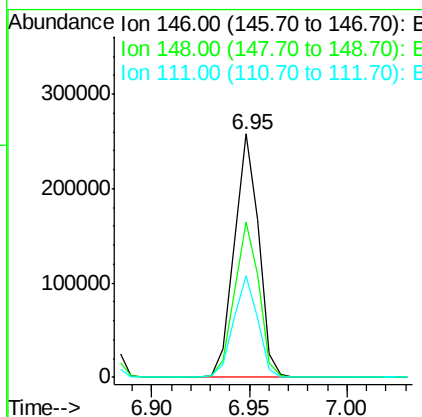
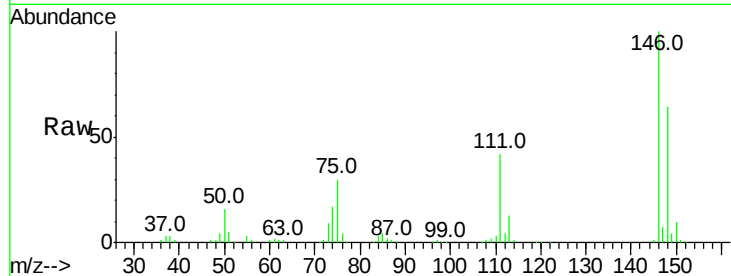
#13
 1,4-Dichlorobenzene
 Concen: 45.125 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	41.6	34.2	51.2

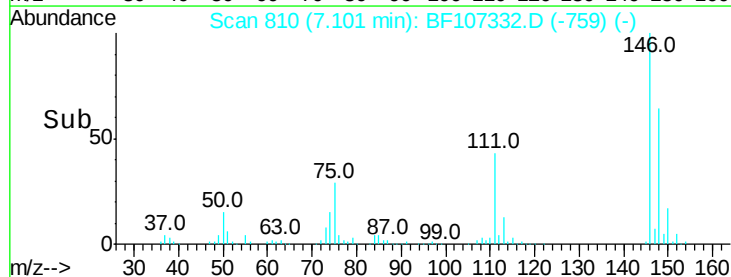
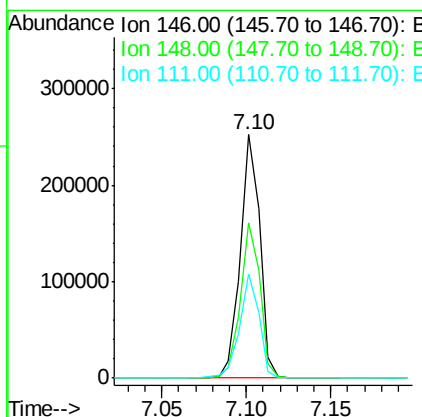
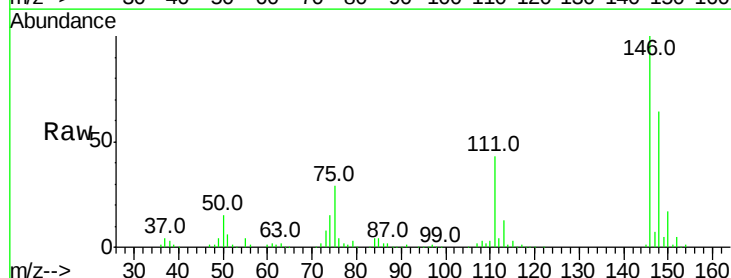
Manual Integrations
 APPROVED

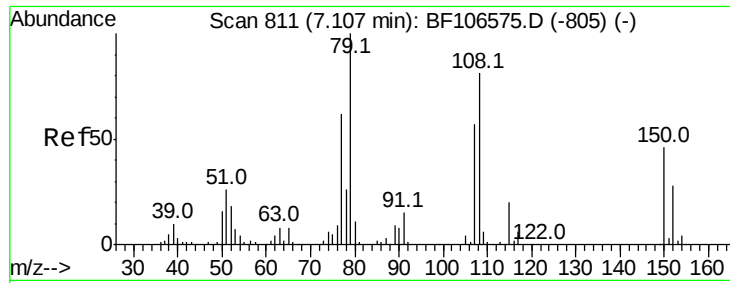
Sohil
 7/13/2018 11:17:09 AM



#14
 1,2-Dichlorobenzene
 Concen: 44.705 ng
 RT: 7.10 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	42.8	36.0	54.0





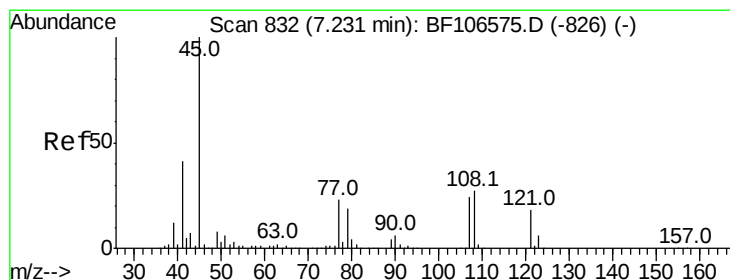
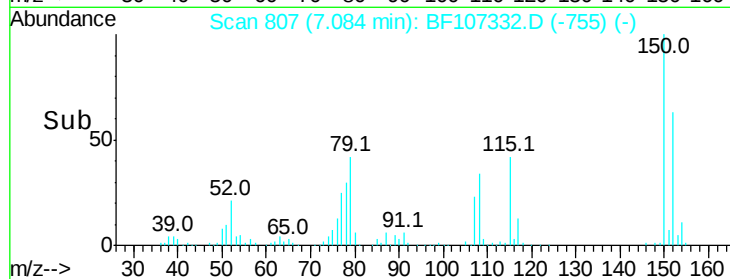
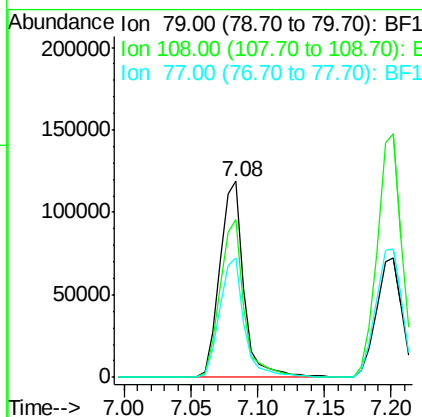
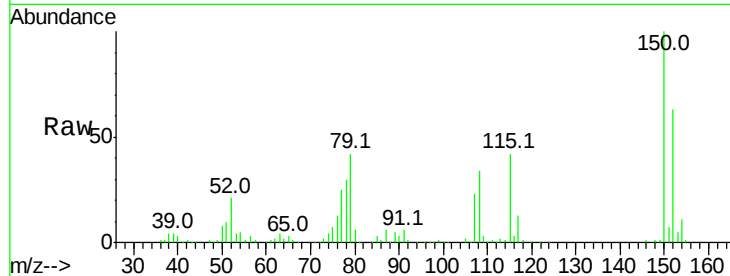
#15
Benzyl Alcohol
Concen: 39.875 ng
RT: 7.08 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion:	79	Resp:	151961
Ion Ratio	Lower	Upper	
79	100		
108	80.6	65.1	97.7
77	60.9	50.6	75.8

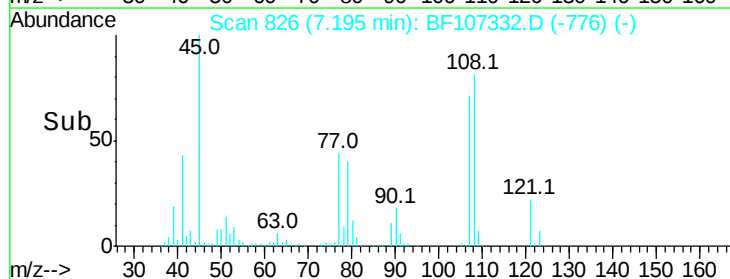
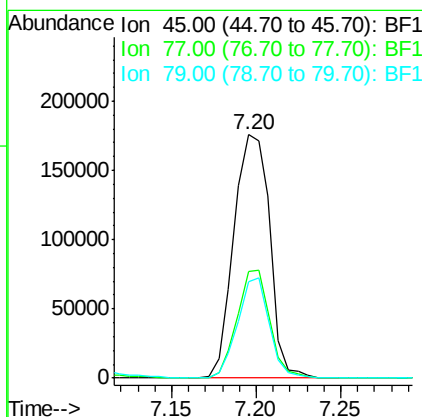
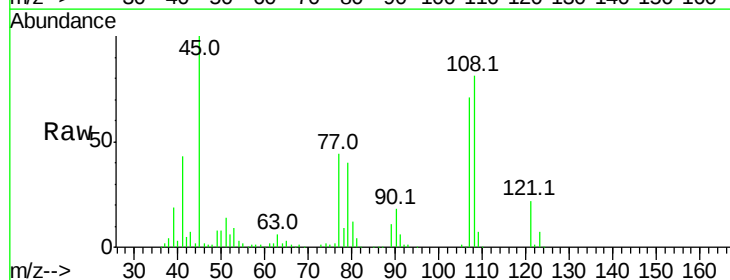
Manual Integrations
APPROVED

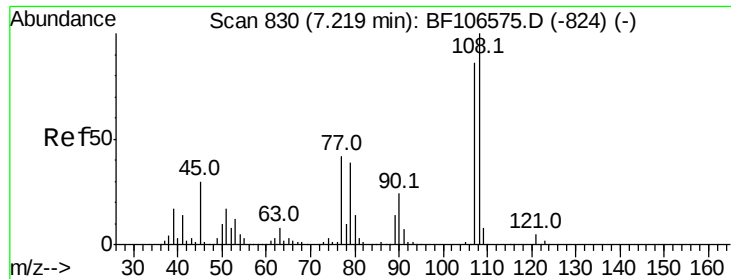
Sohil
7/13/2018 11:17:09 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.384 ng
RT: 7.20 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion:	45	Resp:	260395
Ion Ratio	Lower	Upper	
45	100		
77	43.8	0.0	32.9#
79	39.7	0.0	29.6#





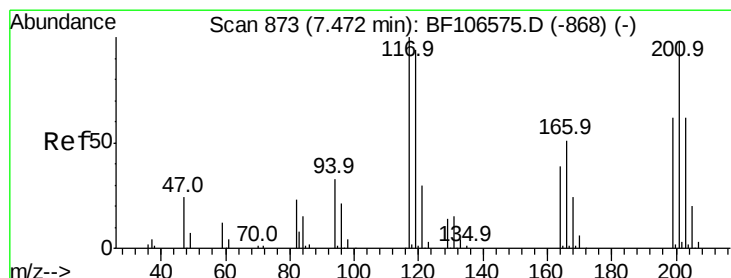
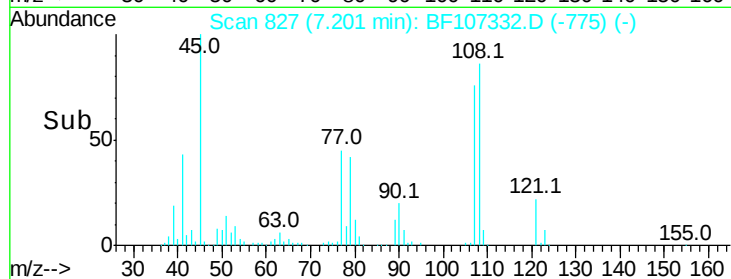
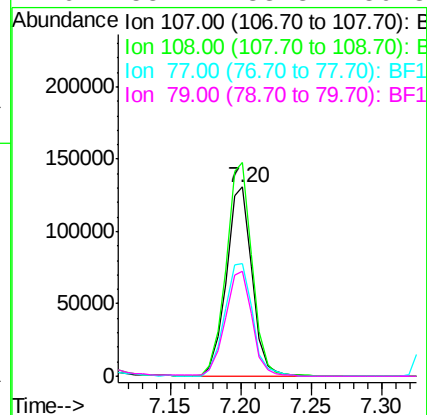
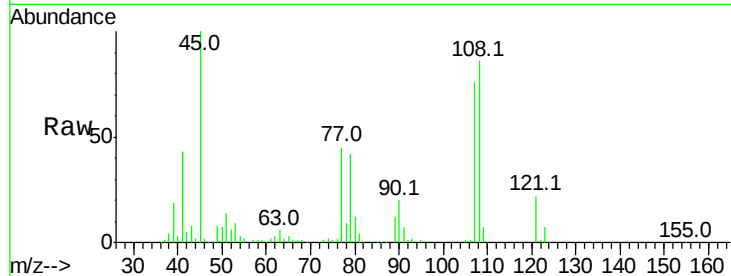
#17
2-Methylphenol
Concen: 46.399 ng
RT: 7.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	91.7	137.5	
77	59.6	33.8	50.8#	
79	55.2	33.8	50.8#	

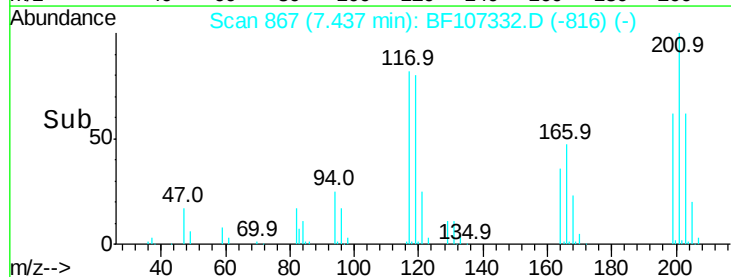
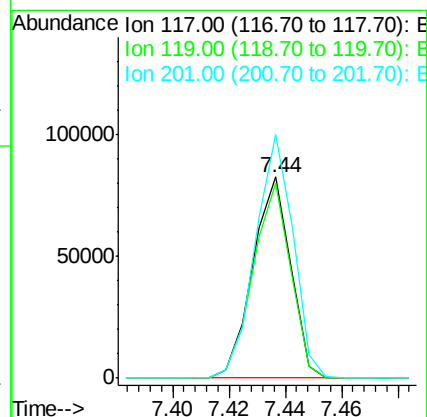
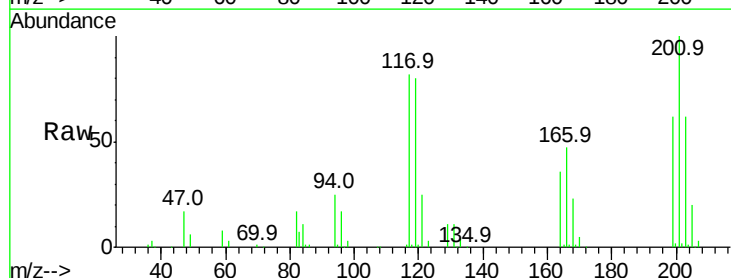
Manual Integrations
APPROVED

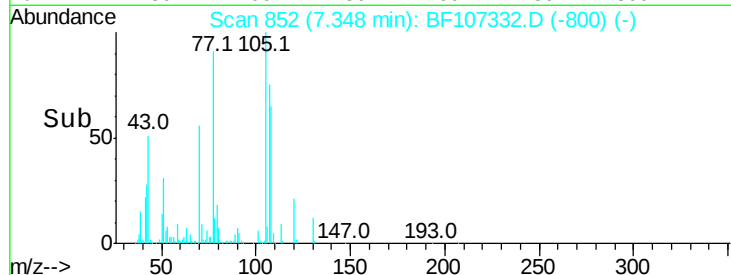
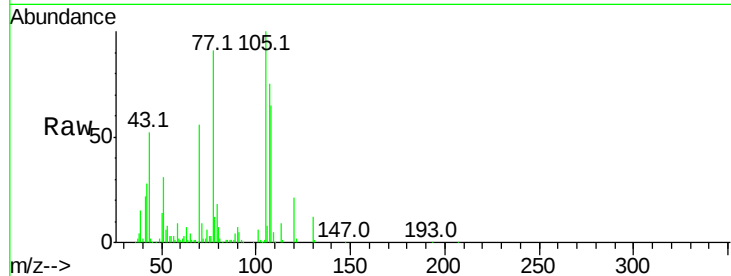
Sohil
7/13/2018 11:17:09 AM



#18
Hexachloroethane
Concen: 44.216 ng
RT: 7.44 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	75.8	113.8	
201	121.2	75.7	113.5#	





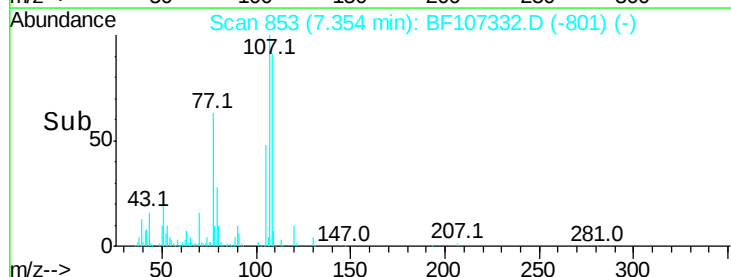
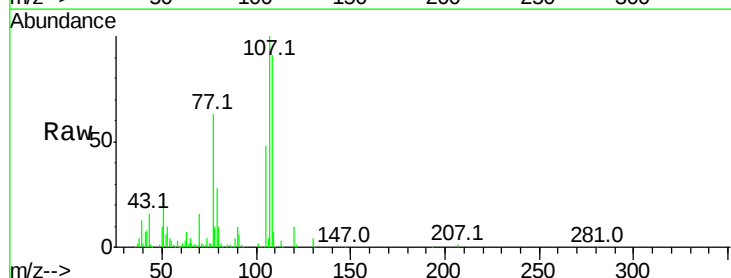
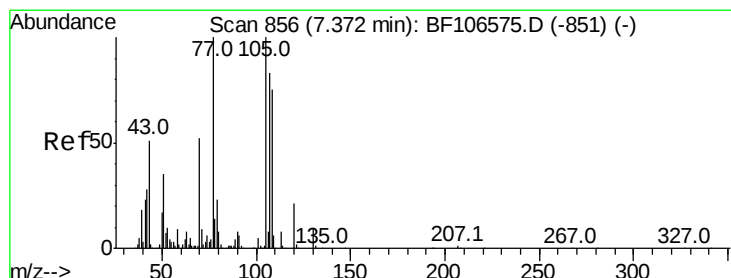
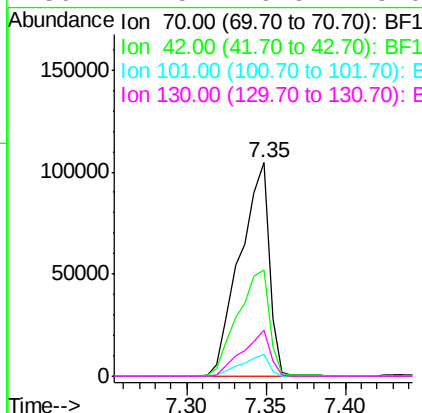
#19
n-Nitroso-di-n-propylamine
Concen: 42.778 ng
RT: 7.35 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	70	Resp	133830
Ion Ratio	Lower	Upper	
70	100		
42	49.7	47.5	71.3
101	10.0	7.4	11.2
130	21.5	16.6	25.0

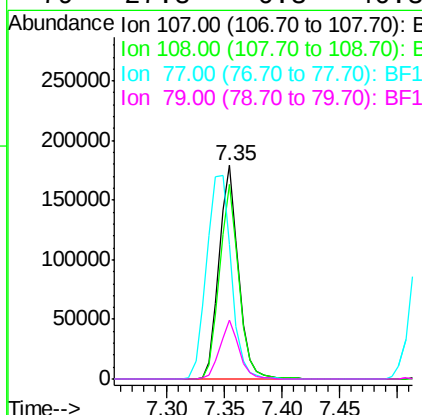
Manual Integrations
APPROVED

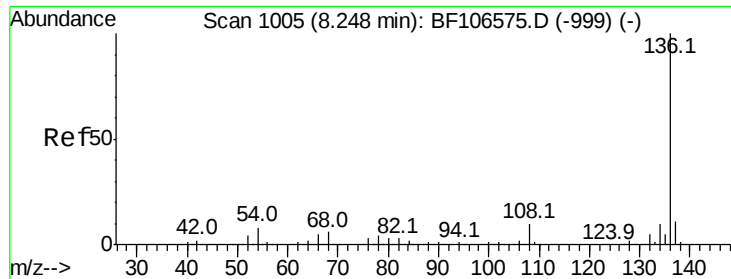
Sohil
7/13/2018 11:17:09 AM



#20
3+4-Methylphenols
Concen: 60.110 ng
RT: 7.35 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	107	Resp	209997
Ion Ratio	Lower	Upper	
107	100		
108	91.2	68.2	108.2
77	63.0	26.7	66.7
79	27.8	6.3	46.3





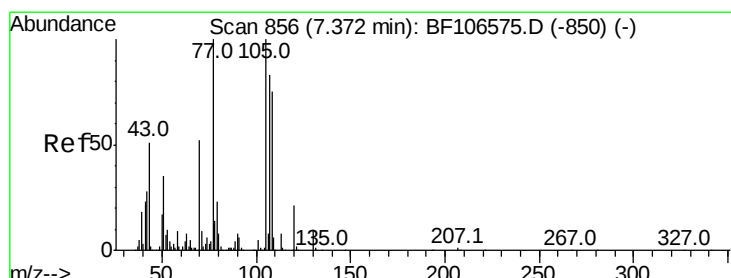
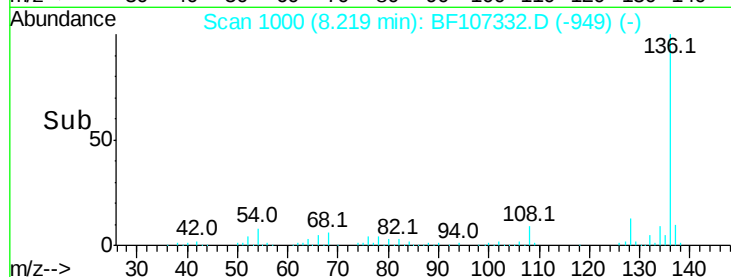
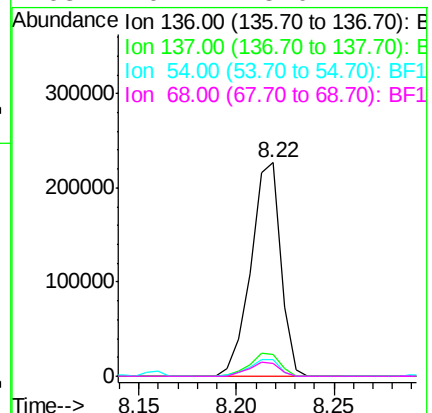
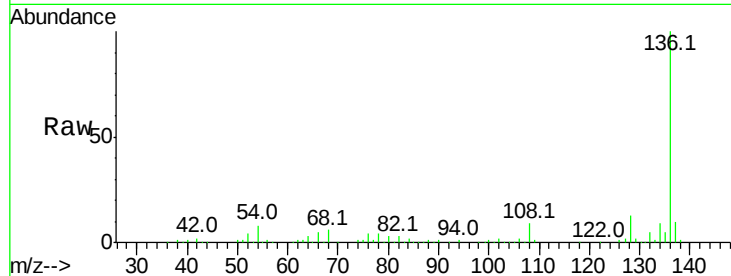
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	239998		
137	10.5		8.9	13.3
54	7.6		6.6	9.8
68	6.2		5.0	7.4

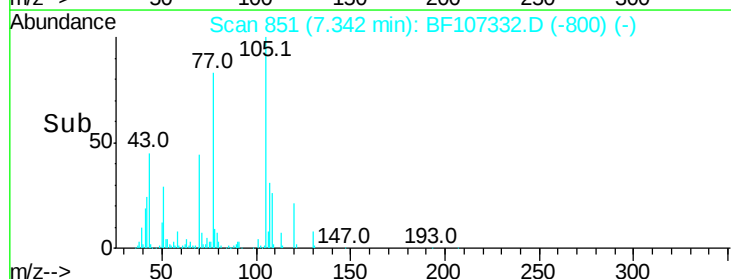
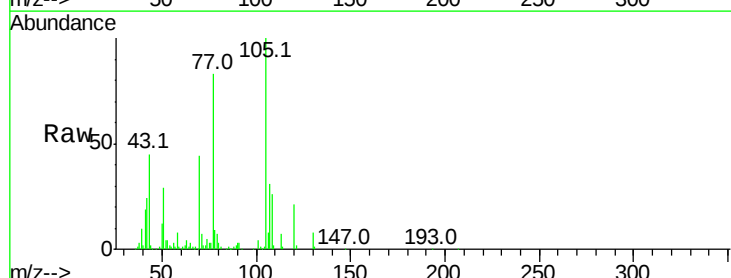
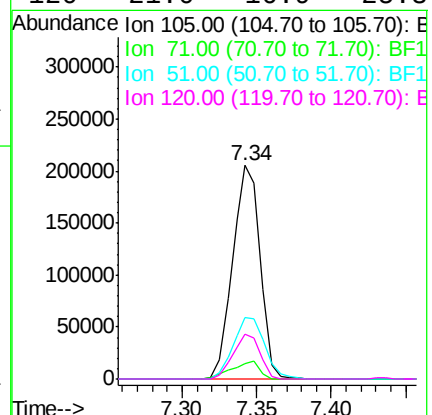
Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:09 AM



#22
Acetophenone
Concen: 49.369 ng
RT: 7.34 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	265081		
71	7.4		4.4	6.6#
51	28.7		22.3	33.5
120	21.0		16.9	25.3





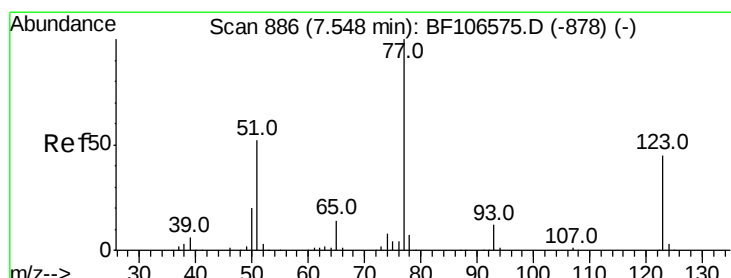
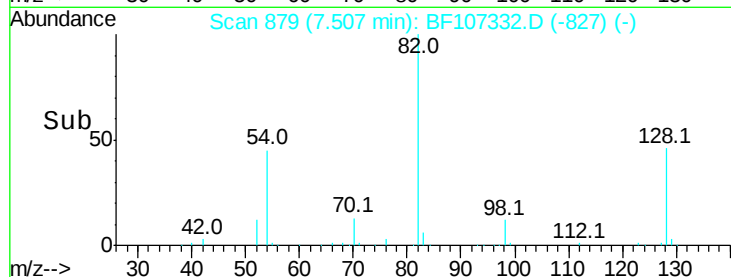
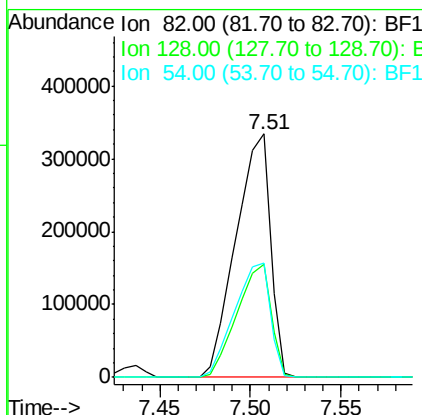
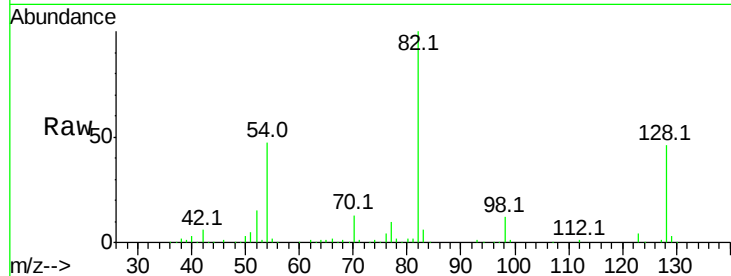
#23
 Nitrobenzene-d5
 Concen: 103.016 ng
 RT: 7.51 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.3	36.1	54.1	
54	46.9	41.4	62.2	

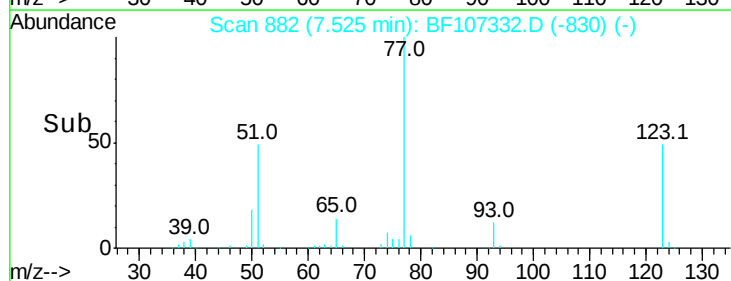
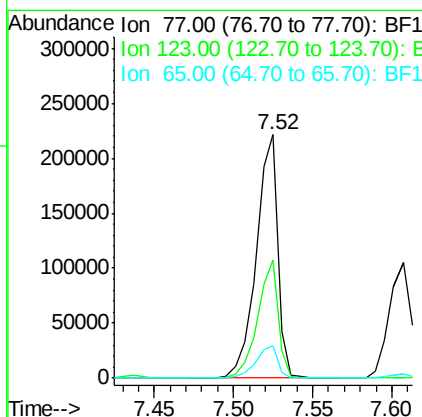
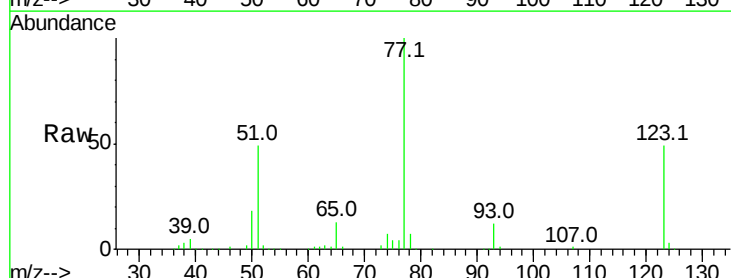
Manual Integrations
 APPROVED

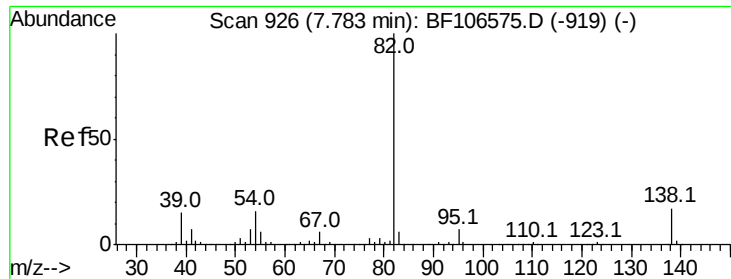
Sohil
 7/13/2018 11:17:09 AM



#24
 Nitrobenzene
 Concen: 47.583 ng
 RT: 7.52 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.5	37.9	56.9	
65	13.5	11.0	16.4	





#25

Isophorone

Concen: 51.775 ng

RT: 7.76 min Scan# 922

Delta R.T. 0.01 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Instrument :

BNA_F

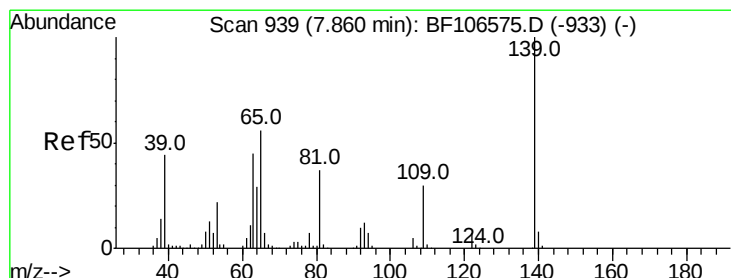
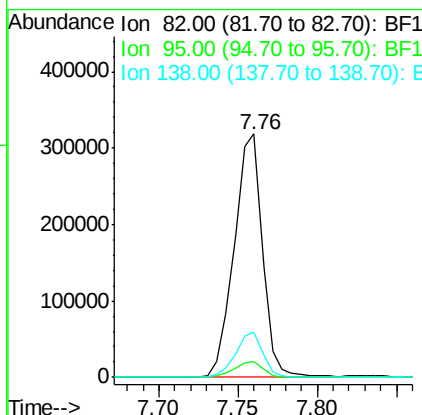
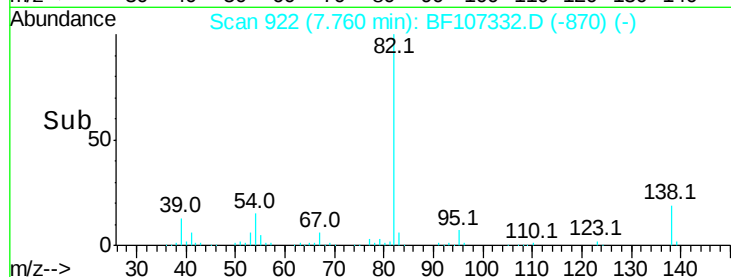
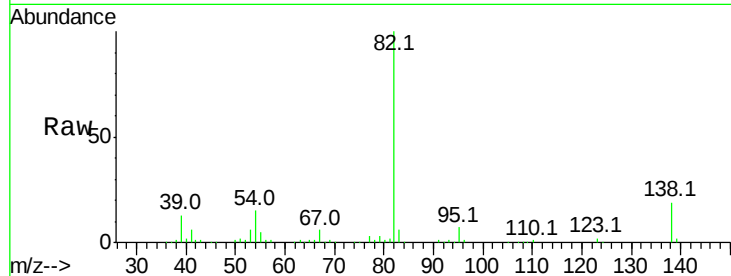
ClientSampleId :

PB110986BSD

Tot Ion:	82	Resp:	394002
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	18.6	14.9	22.3

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:09 AM



#26

2-Nitrophenol

Concen: 54.195 ng

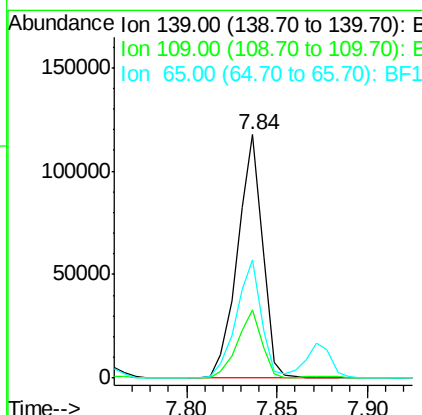
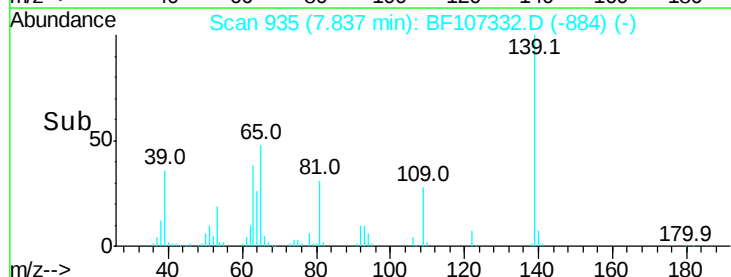
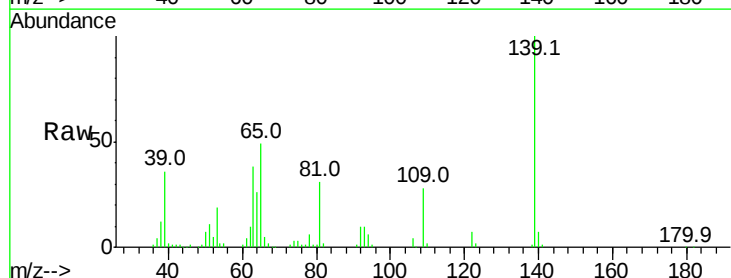
RT: 7.84 min Scan# 935

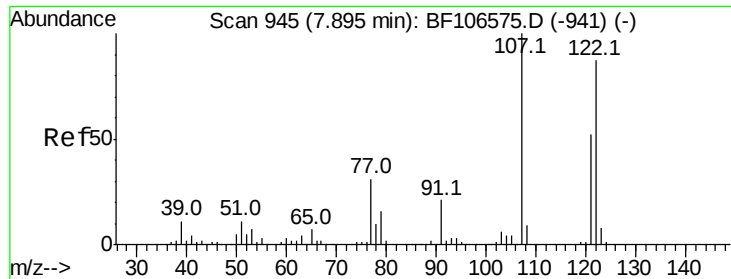
Delta R.T. -0.00 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Tgt Ion:	139	Resp:	112801
Ion Ratio	Lower	Upper	
139	100		
109	28.2	22.7	34.1
65	48.8	40.5	60.7





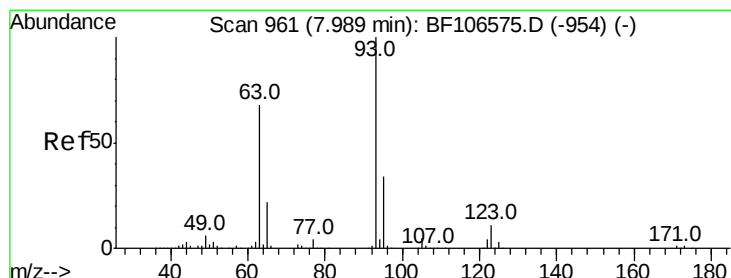
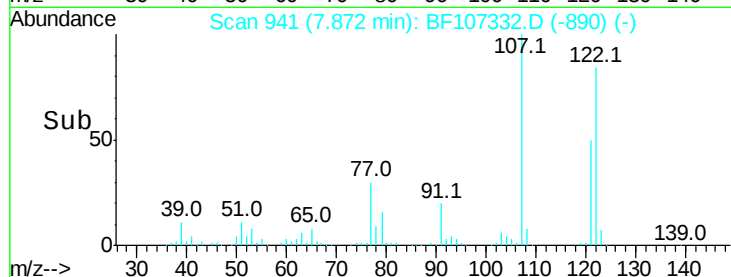
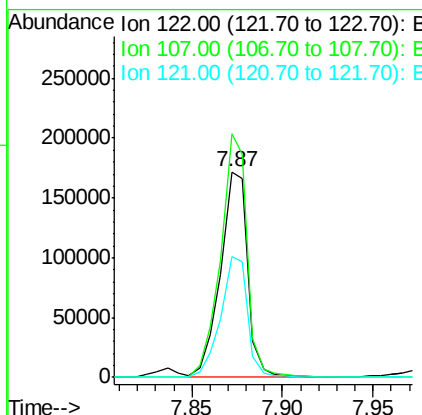
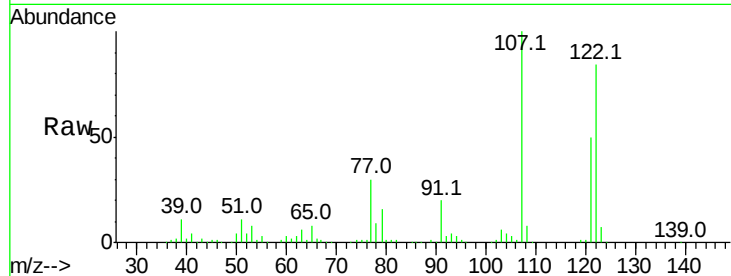
#27
2,4-Dimethylphenol
Concen: 56.187 ng
RT: 7.87 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.6	91.2	136.8
121	59.0	47.2	70.8

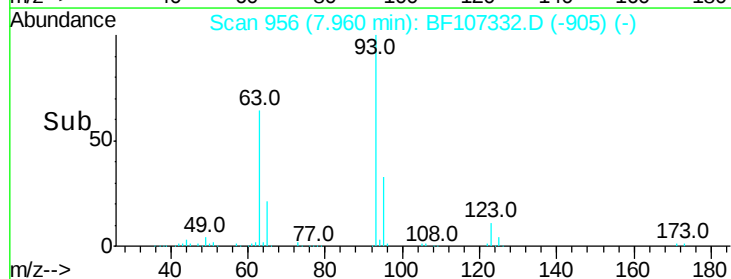
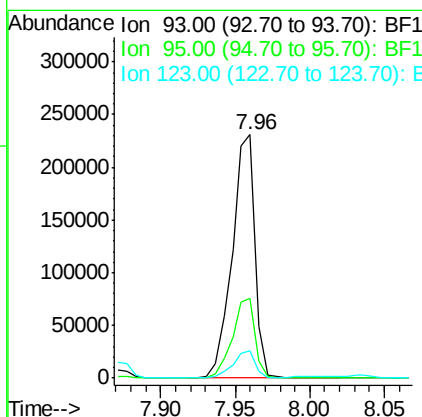
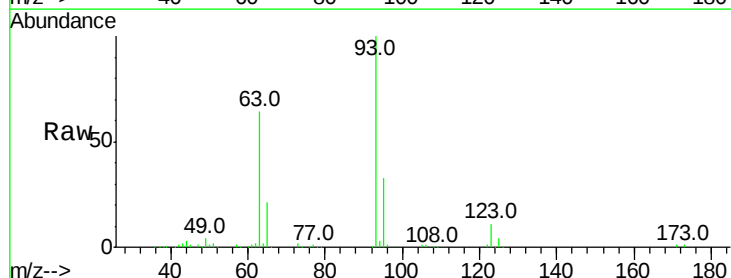
Manual Integrations
APPROVED

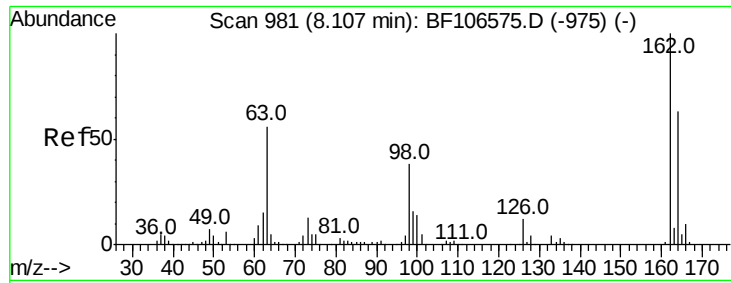
Sohil
7/13/2018 11:17:09 AM



#28
bis(2-Chloroethoxy)methane
Concen: 48.578 ng
RT: 7.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.1	9.8	14.6





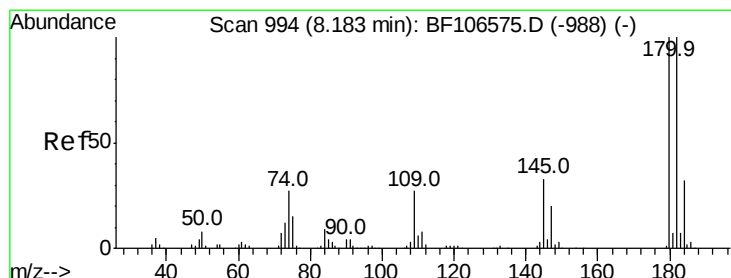
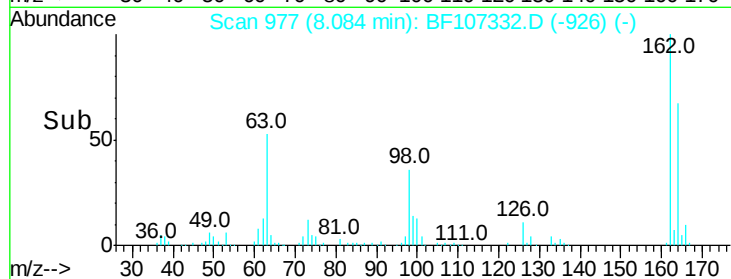
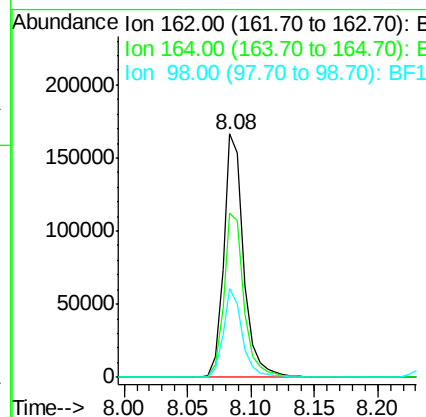
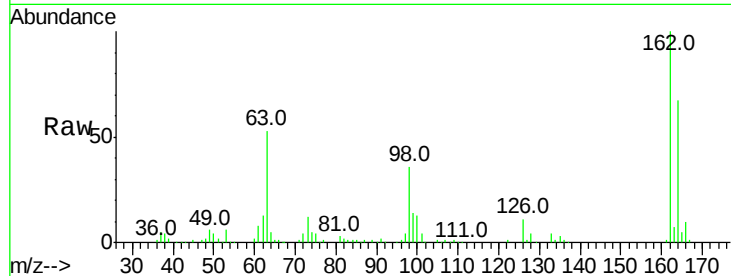
#29
2,4-Dichlorophenol
Concen: 54.496 ng
RT: 8.08 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	67.5	42.7	82.7
98	36.2	18.1	58.1

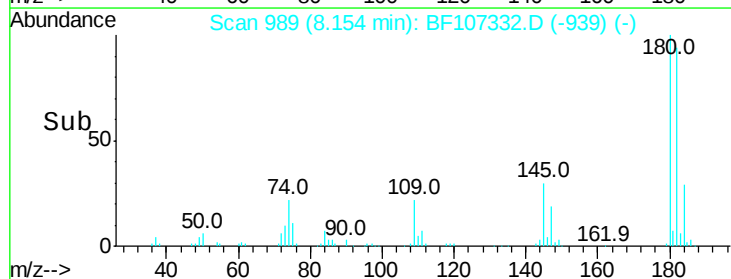
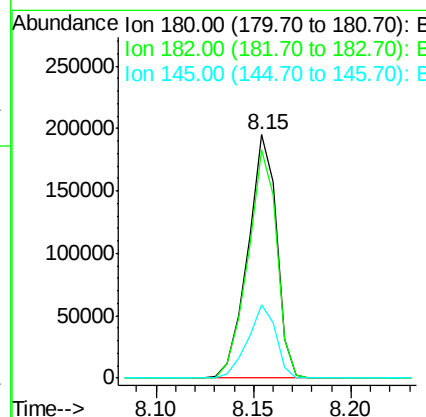
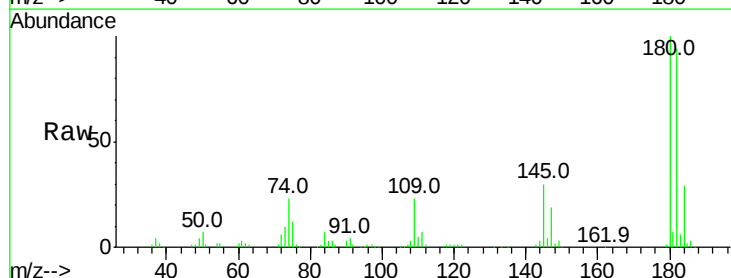
Manual Integrations
APPROVED

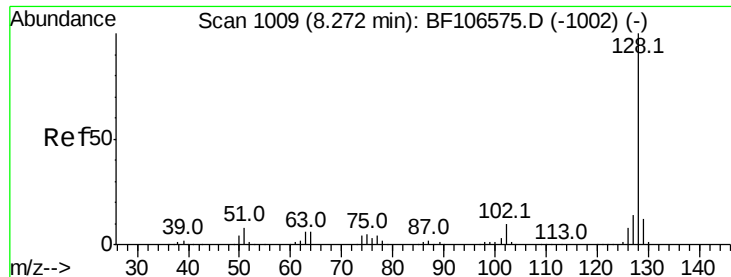
Sohil
7/13/2018 11:17:09 AM



#30
1,2,4-Trichlorobenzene
Concen: 53.578 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.6	76.8	115.2
145	30.0	26.5	39.7





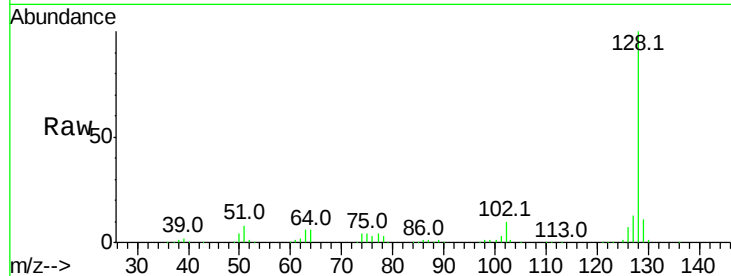
#31
Naphthalene
Concen: 50.151 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

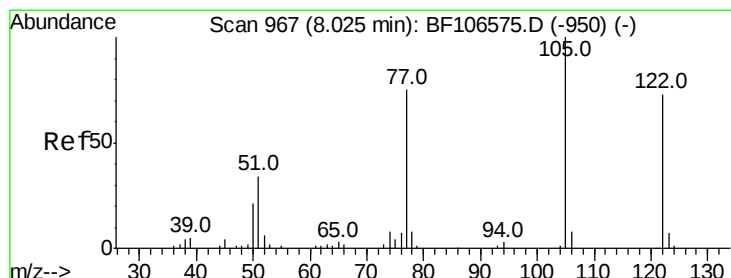
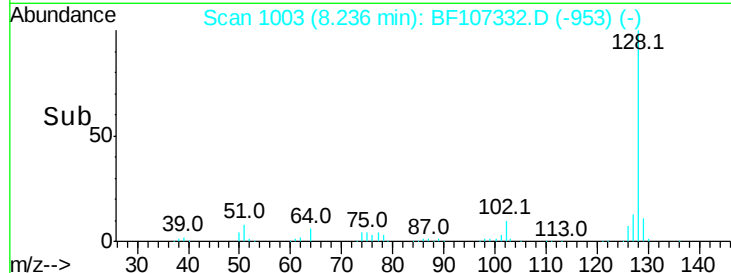
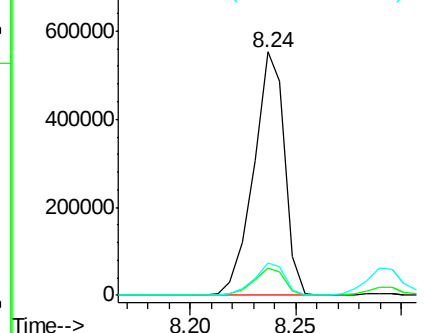
Tot Ion	Ratio	Resp	Lower	Upper
128	100	562725		
129	11.2		8.8	13.2
127	13.5		10.9	16.3

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:09 AM

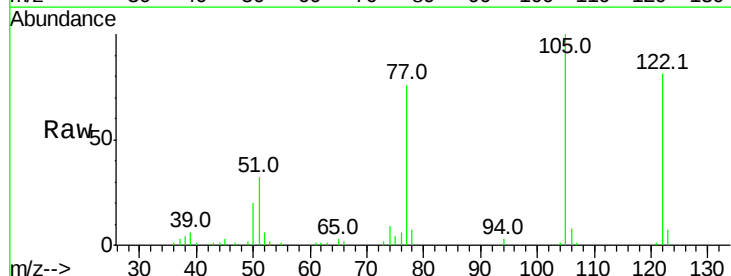


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

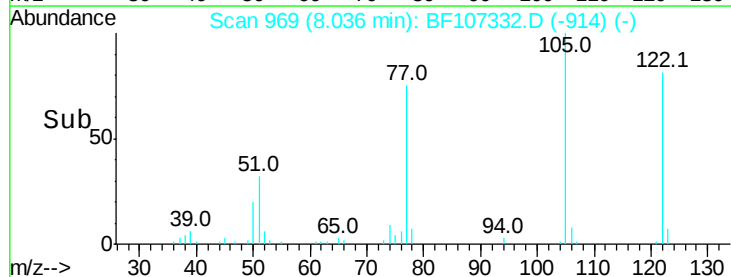
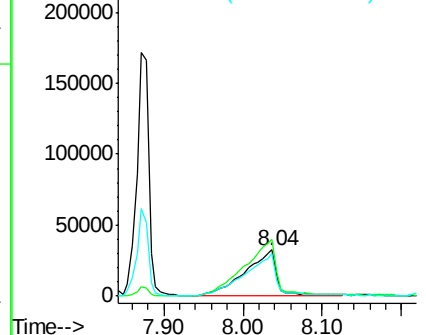


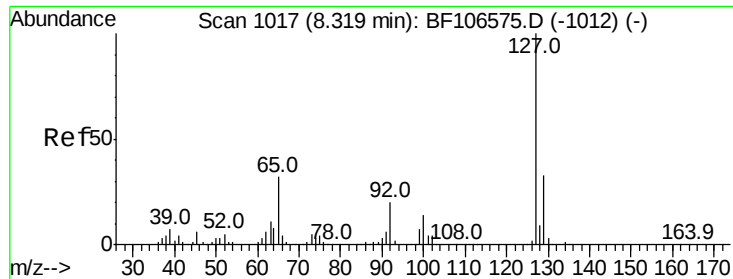
#32
Benzoic acid
Concen: 40.772 ng
RT: 8.04 min Scan# 969
Delta R.T. 0.02 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	93117		
105	123.2		101.1	141.1
77	93.1		70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





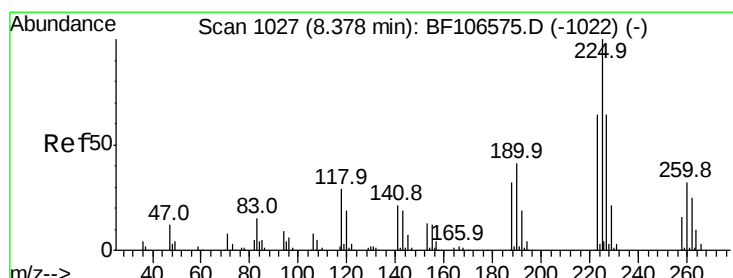
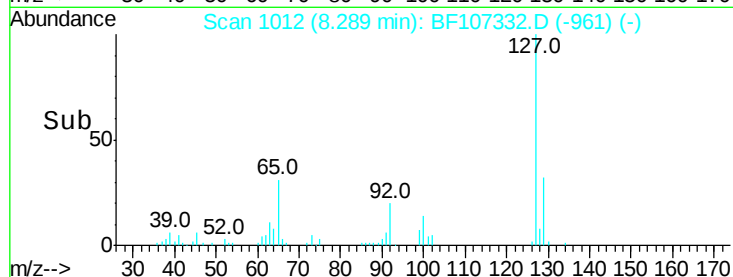
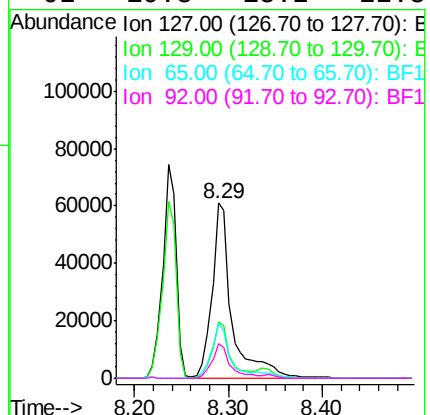
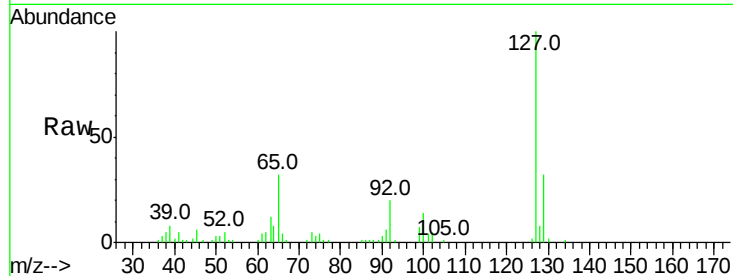
#33
4-Chloroaniline
Concen: 19.646 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion:	127	Resp:	92495
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.9	38.9
65	31.7	25.0	37.4
92	19.8	15.2	22.8

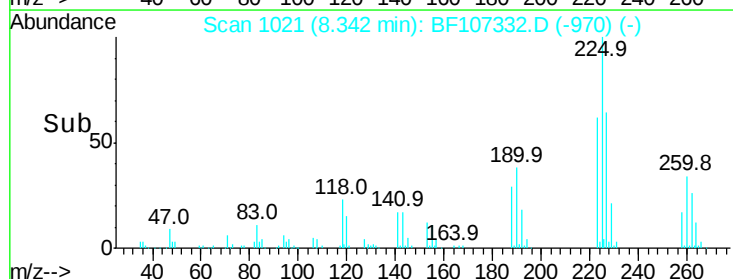
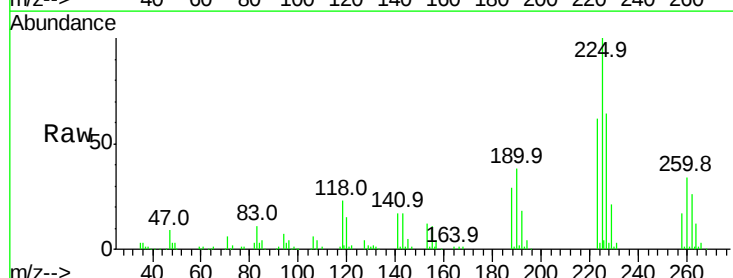
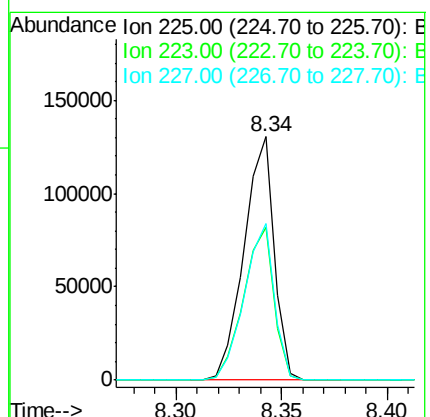
Manual Integrations
APPROVED

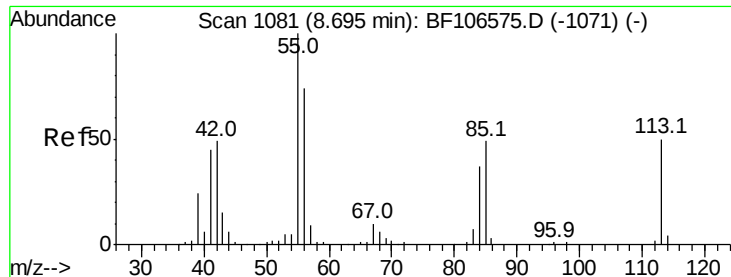
Sohil
7/13/2018 11:17:09 AM



#34
Hexachlorobutadiene
Concen: 53.459 ng
RT: 8.34 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion:	225	Resp:	129245
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.6	76.0
227	64.3	51.9	77.9





#35

Caprolactam

Concen: 54.849 ng/mL

RT: 8.69 min Scan# 1080

Delta R.T. 0.02 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Instrument :

BNA_F

ClientSampleId :

PB110986BSD

Tot Ion:113 Resp: 60219

Ion Ratio Lower Upper

113 100

55 183.8 163.3 203.3

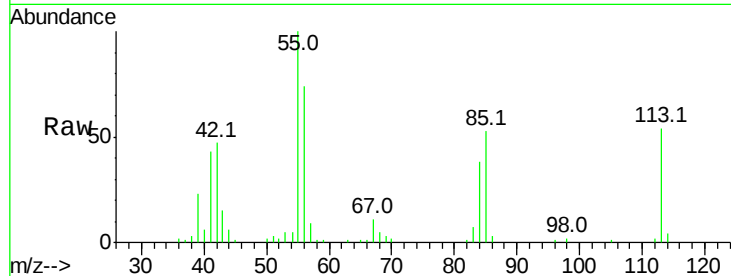
56 135.9 115.7 155.7

Manual Integrations

APPROVED

Sohil

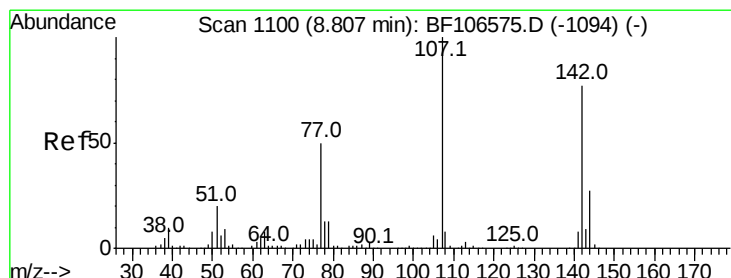
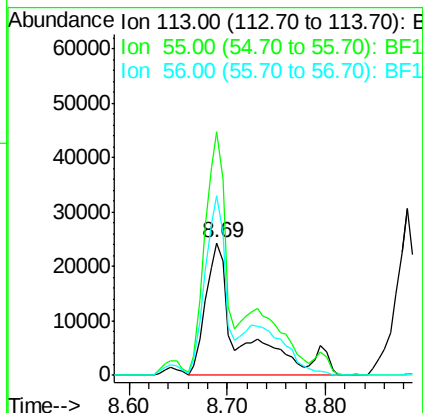
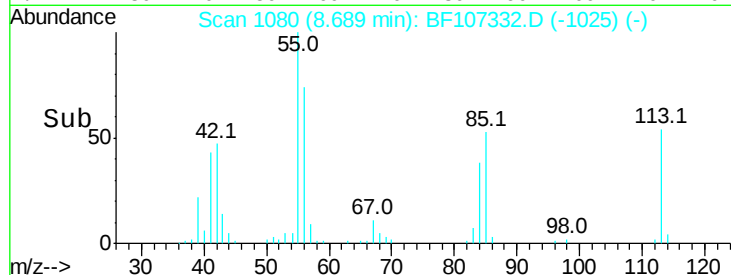
7/13/2018 11:17:09 AM



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: 52.159 ng/mL

RT: 8.80 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

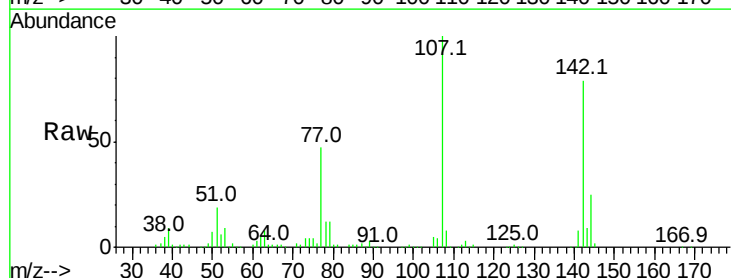
Tgt Ion:107 Resp: 184910

Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

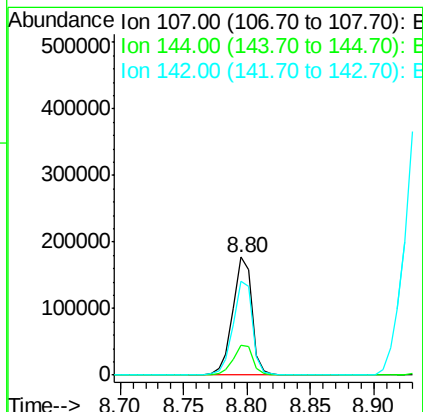
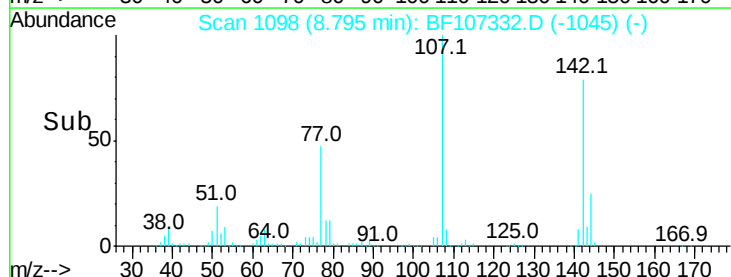
142 79.0 62.0 93.0

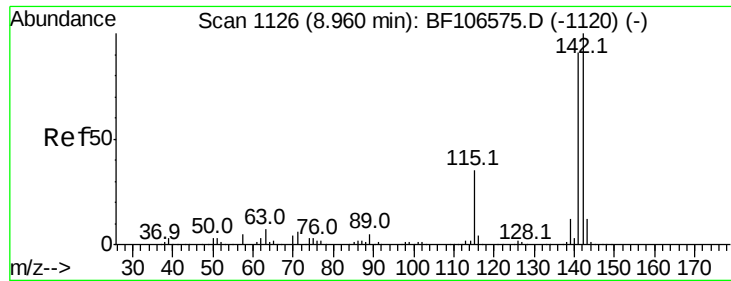


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





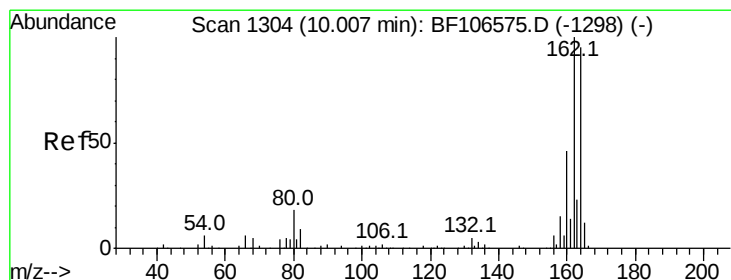
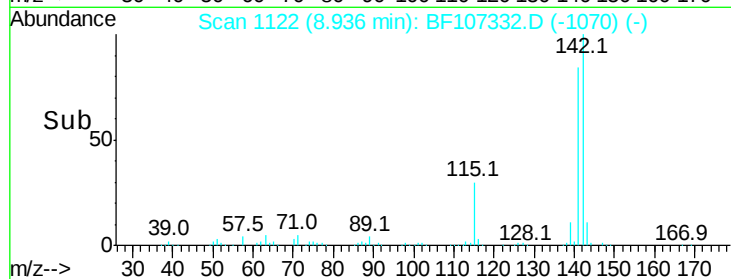
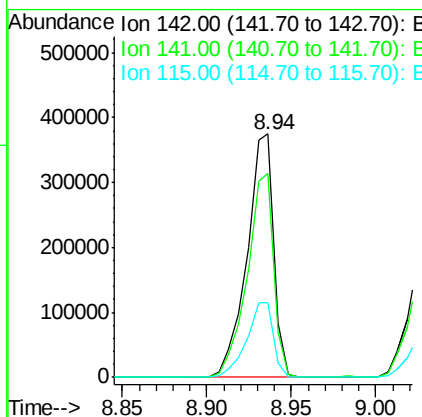
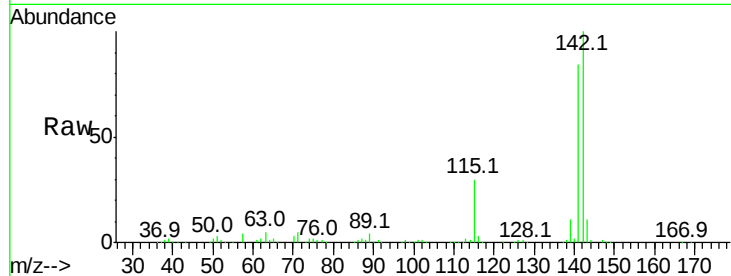
#37
 2-Methylnaphthalene
 Concen: 56.016 ng
 RT: 8.94 min Scan# 1122
 Delta R.T. 0.01 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.6	70.8	106.2
115	30.4	26.1	39.1

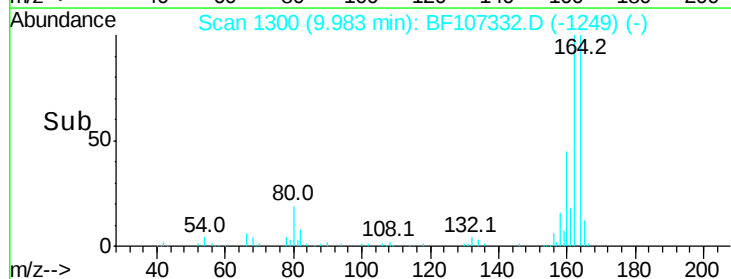
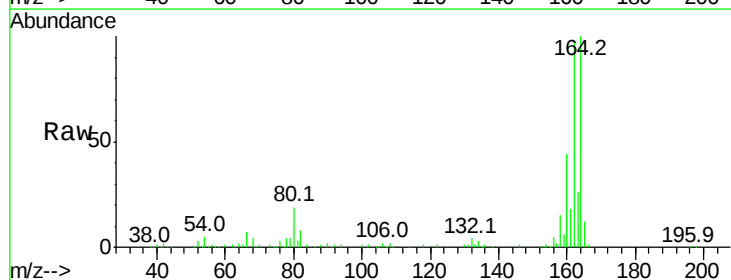
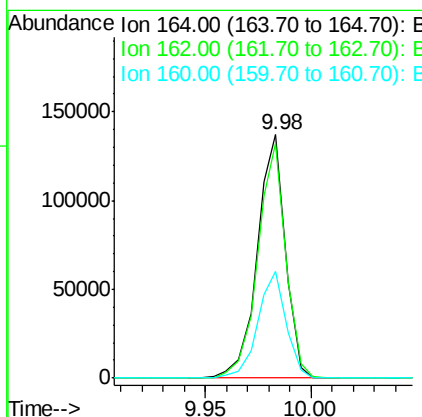
Manual Integrations
 APPROVED

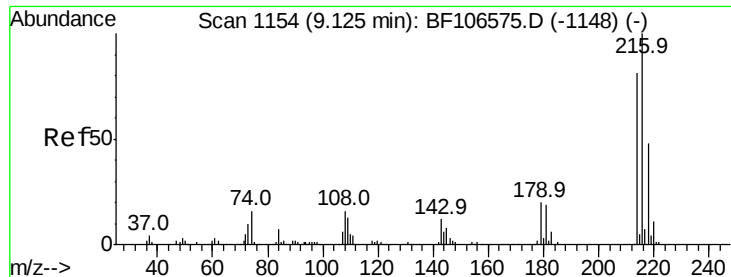
Sohil
 7/13/2018 11:17:09 AM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	86.1	129.1
160	43.7	38.3	57.5





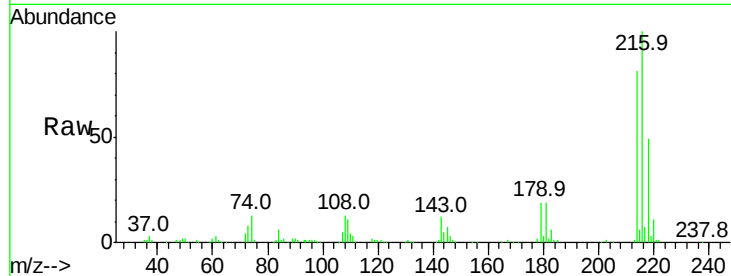
#39
1,2,4,5-Tetrachlorobenzene
Concen: 51.695 ng
RT: 9.10 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	219981		
214	79.7	63.0	94.4	
179	19.0	18.1	27.1	
108	15.2	17.2	25.8	

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:09 AM



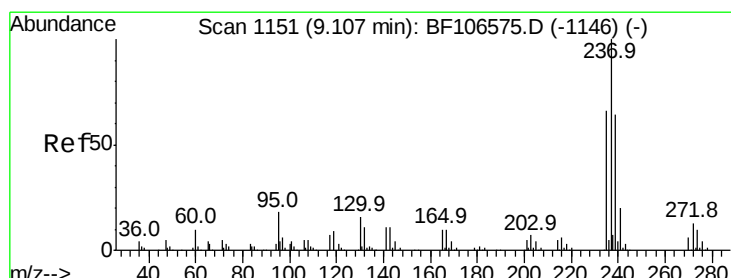
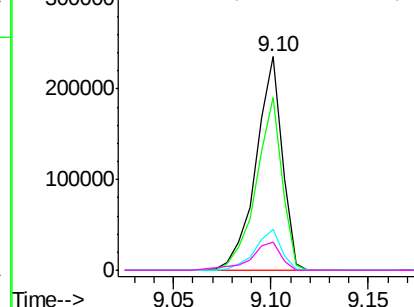
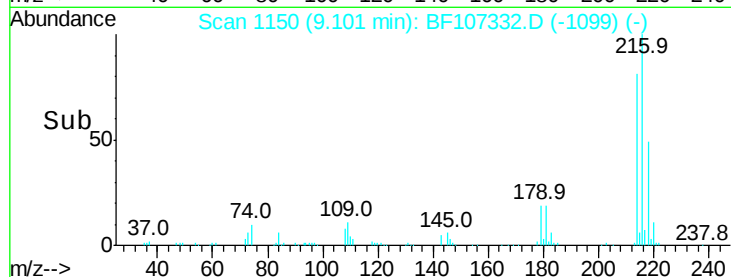
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

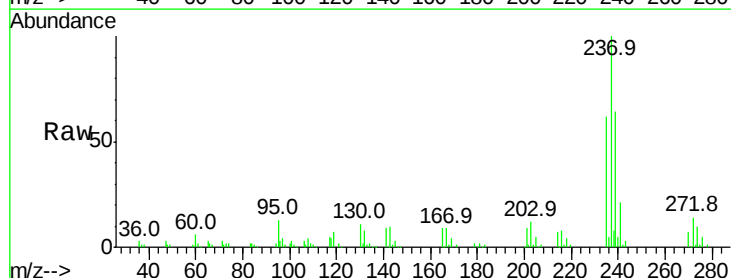
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
Hexachlorocyclopentadiene
Concen: 42.503 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	93055		
235	62.4	44.8	84.8	
272	13.5	0.0	33.3	

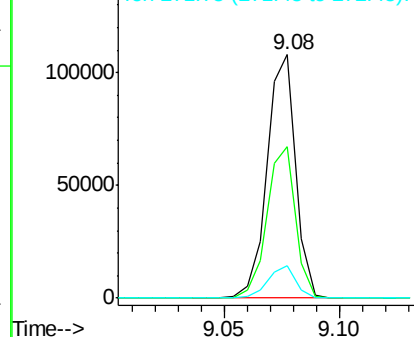
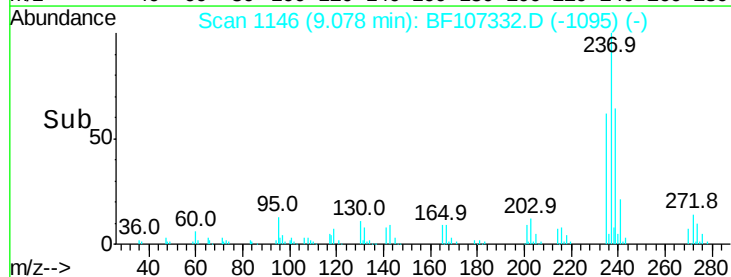


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 146.937 ng

RT: 10.79 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Instrument :

BNA_F

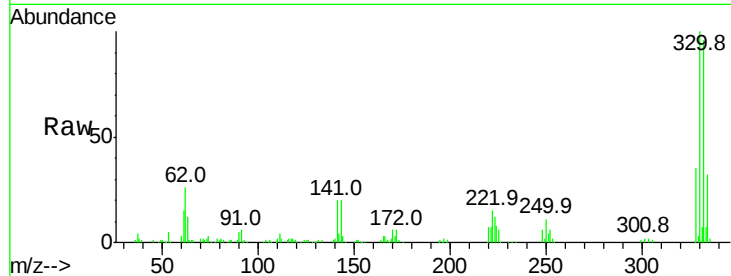
ClientSampleId :

PB110986BSD

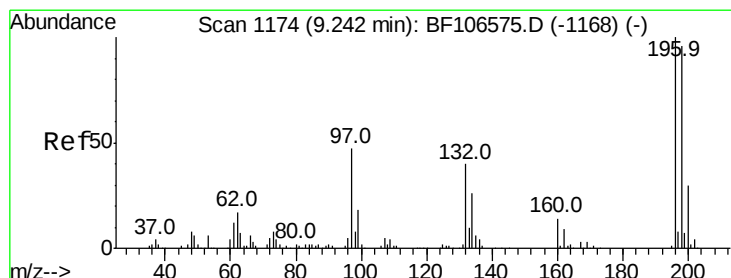
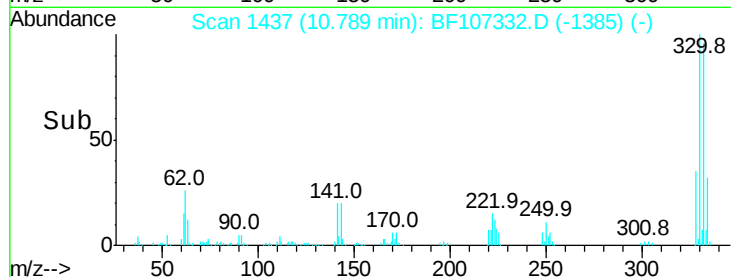
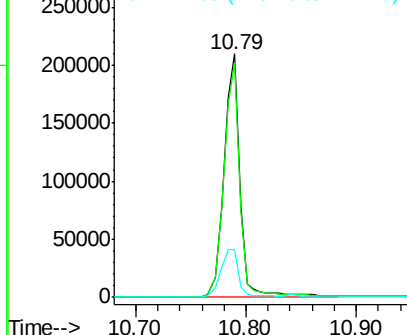
Tot Ion:	330	Resp:	215194
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.0	115.6
141	22.1	29.9	44.9#

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:09 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: 43.011 ng

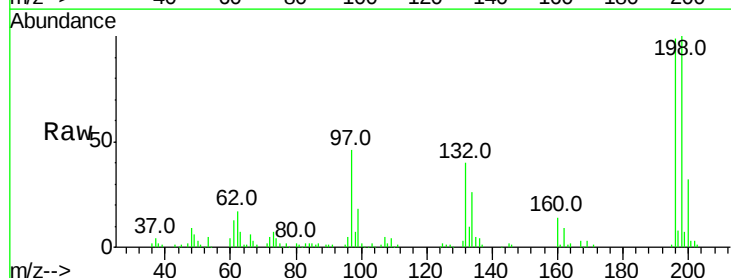
RT: 9.22 min Scan# 1171

Delta R.T. 0.01 min

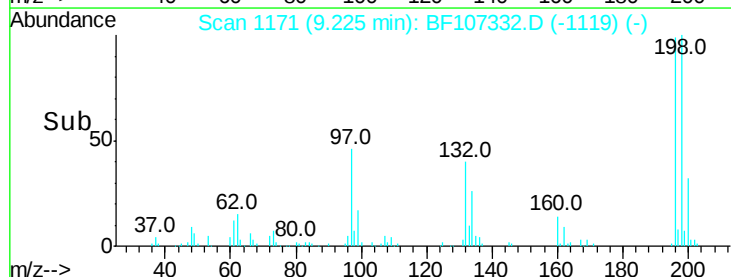
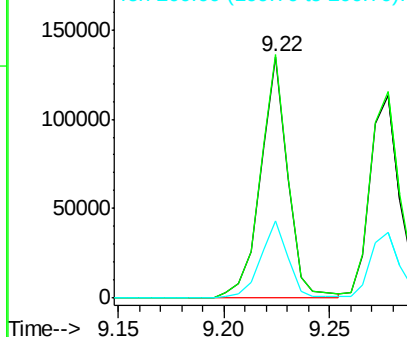
Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Tgt Ion:	196	Resp:	121661
Ion Ratio	Lower	Upper	
196	100		
198	100.9	75.7	113.5
200	32.0	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





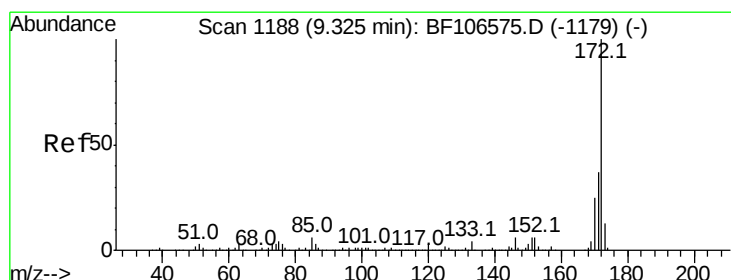
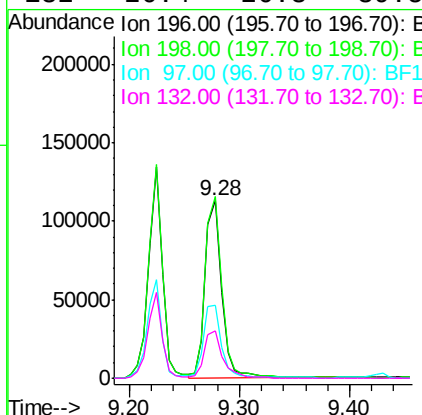
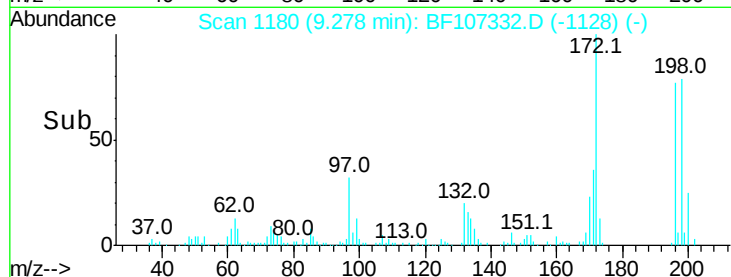
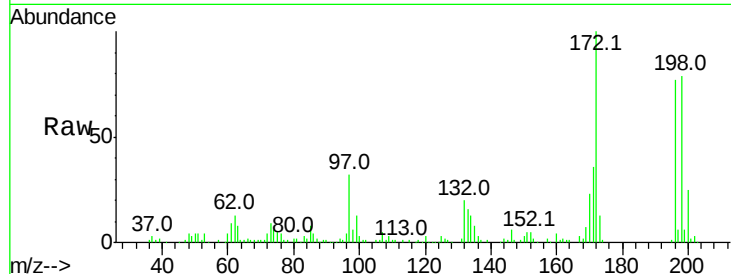
#43
 2,4,5-Trichlorophenol
 Concen: 39.100 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	115406		
198	102.3	74.6	112.0	
97	41.4	42.9	64.3	
132	26.4	26.3	39.5	

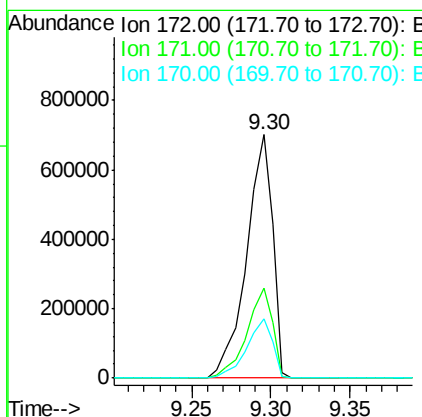
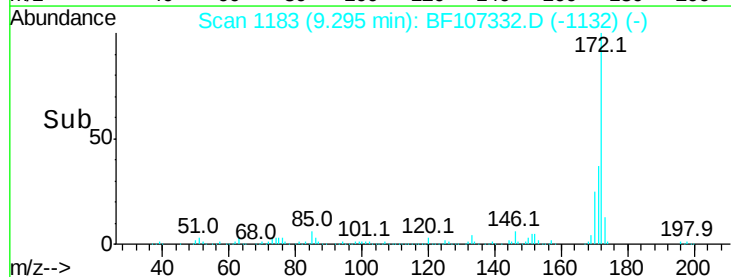
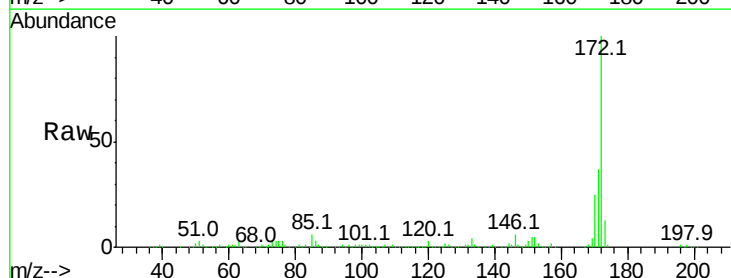
Manual Integrations
 APPROVED

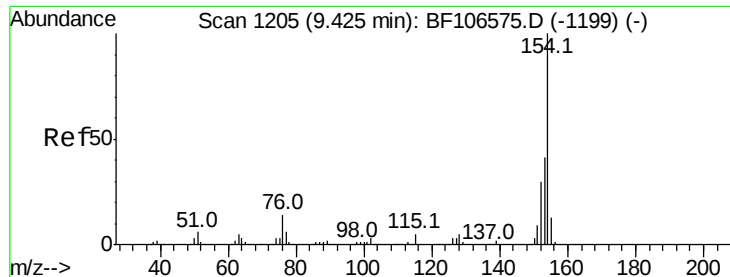
Sohil
 7/13/2018 11:17:09 AM



#44
 2-Fluorobiphenyl
 Concen: 111.683 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	799176		
171	37.1	29.7	44.5	
170	24.5	19.6	29.4	





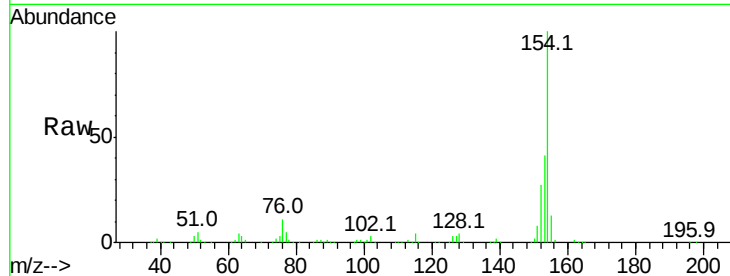
#45
 1,1'-Biphenyl
 Concen: 49.650 ng
 RT: 9.40 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BSD

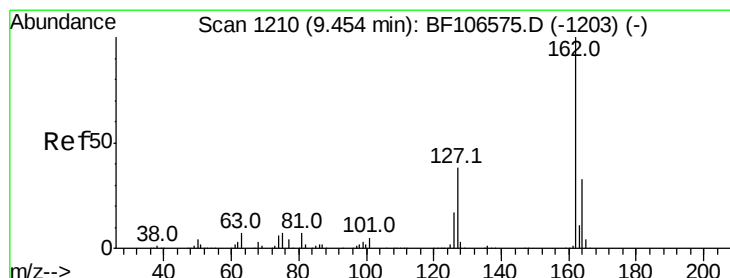
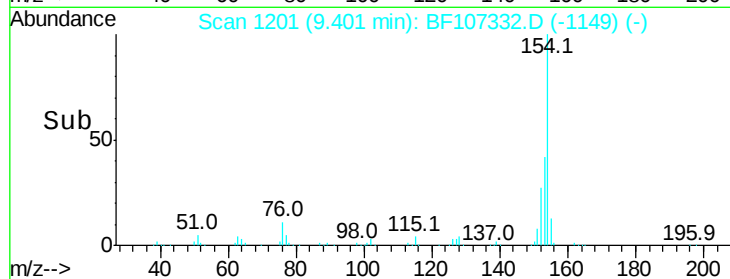
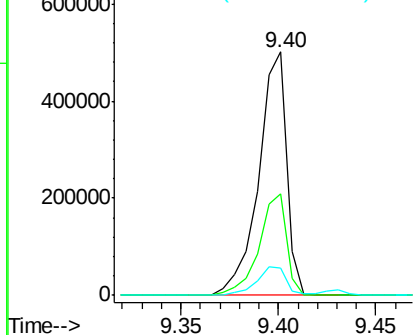
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	11.1	0.0	34.0

Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:09 AM

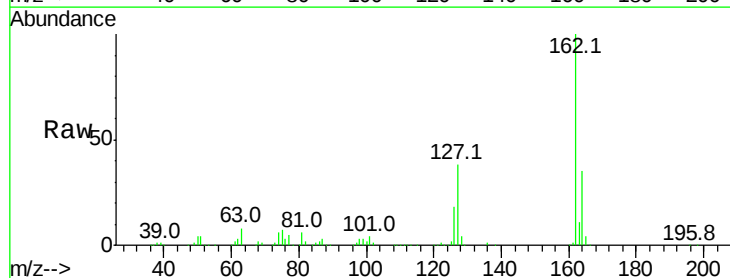


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

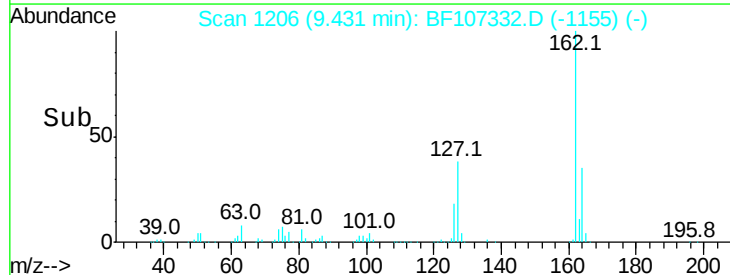
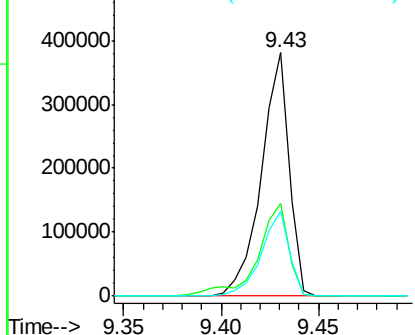


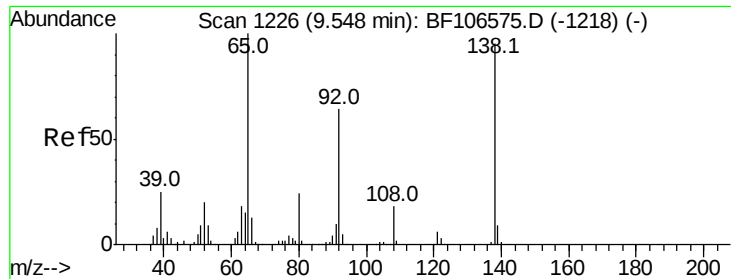
#46
 2-Chloronaphthalene
 Concen: 47.371 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	33.9	50.9
164	34.6	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





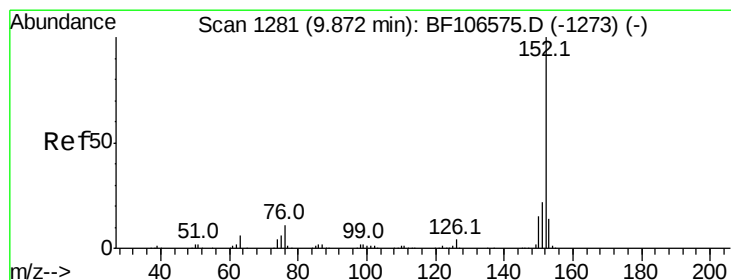
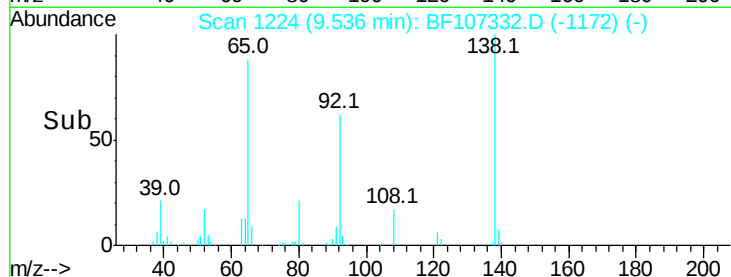
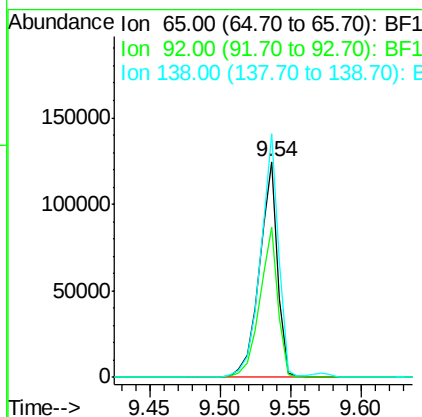
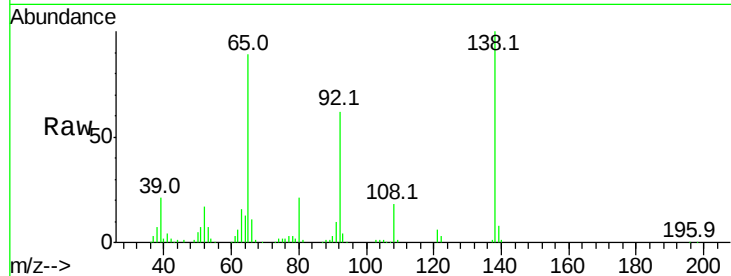
#47
2-Nitroaniline
Concen: 42.696 ng
RT: 9.54 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.8	55.8	83.6	
138	112.7	91.2	136.8	

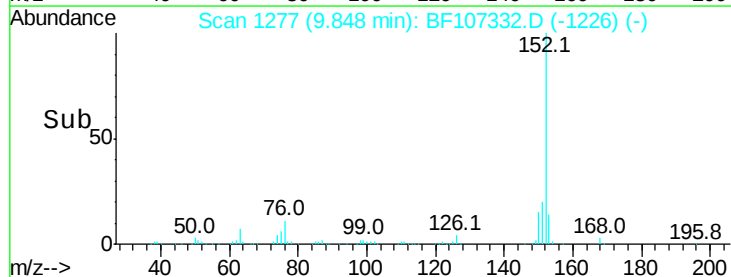
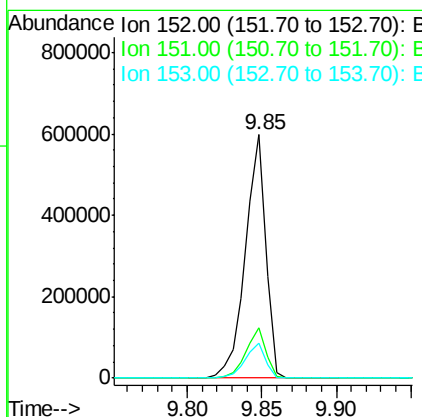
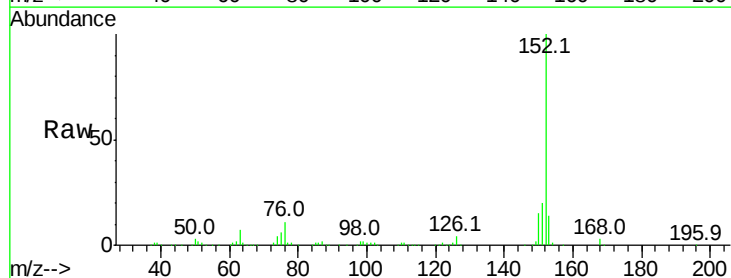
Manual Integrations
APPROVED

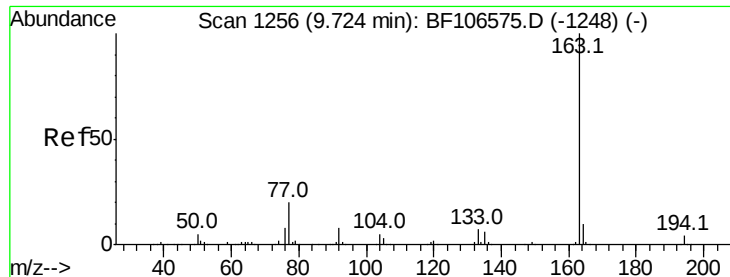
Sohil
7/13/2018 11:17:09 AM



#48
Acenaphthylene
Concen: 45.214 ng
RT: 9.85 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.4	16.3	24.5	
153	14.1	10.7	16.1	





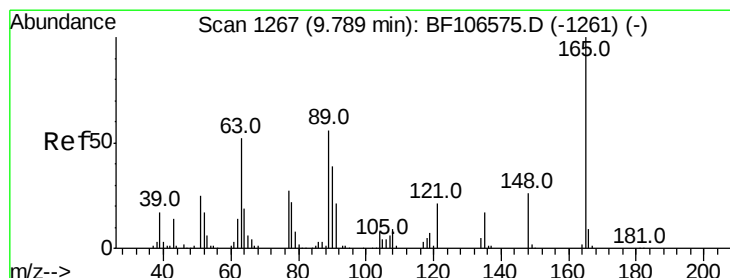
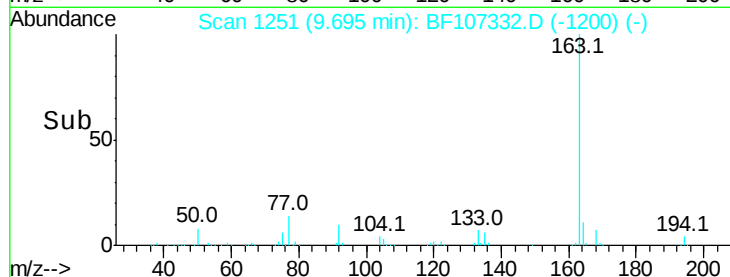
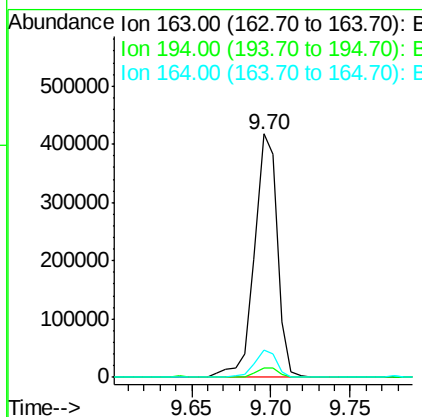
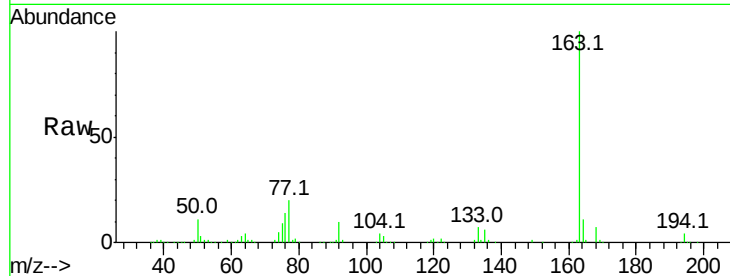
#49
Dimethylphthalate
Concen: 44.465 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	11.1	8.2	12.2	

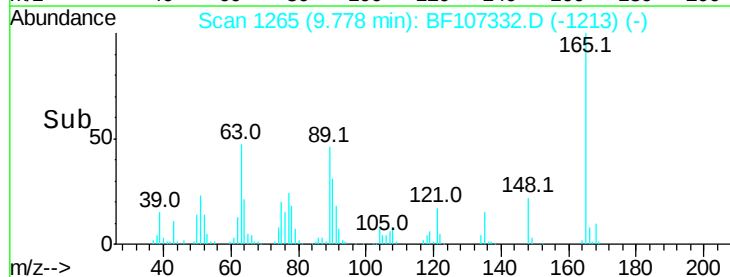
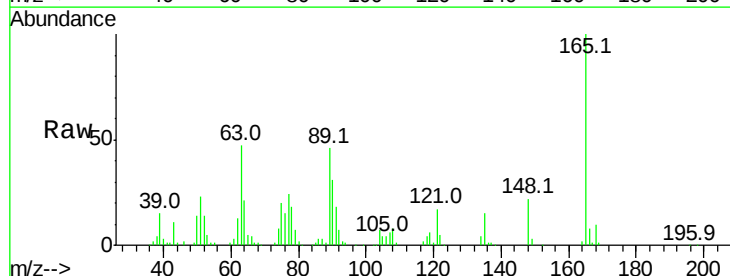
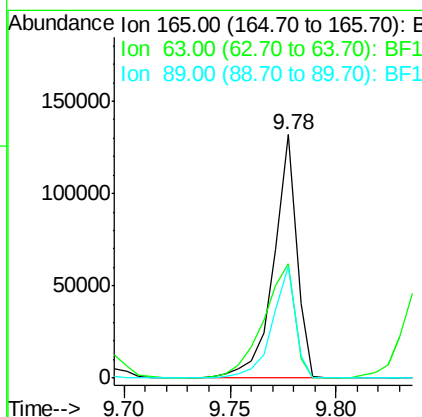
Manual Integrations
APPROVED

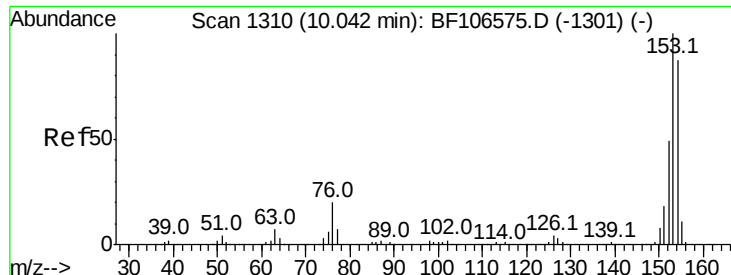
Sohil
7/13/2018 11:17:09 AM



#50
2,6-Dinitrotoluene
Concen: 49.946 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.8	44.7	67.1	
89	46.1	44.0	66.0	





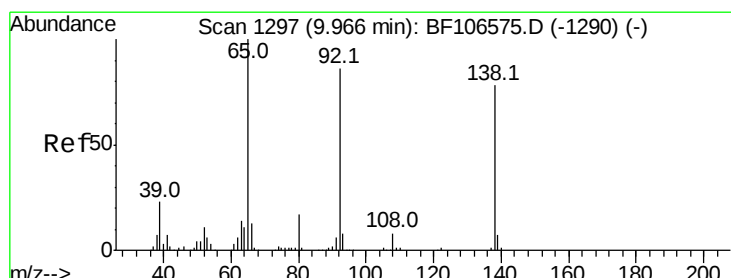
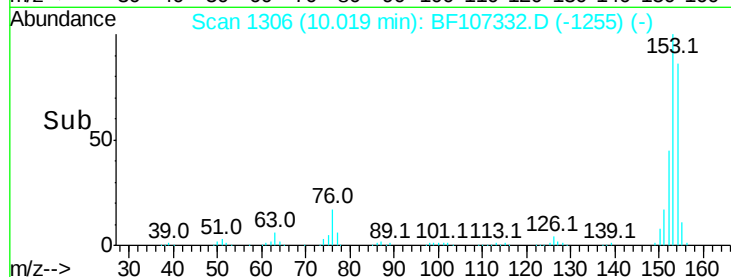
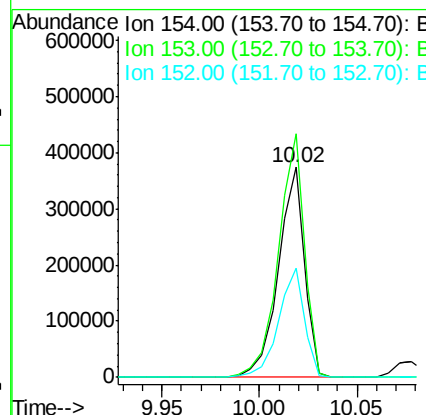
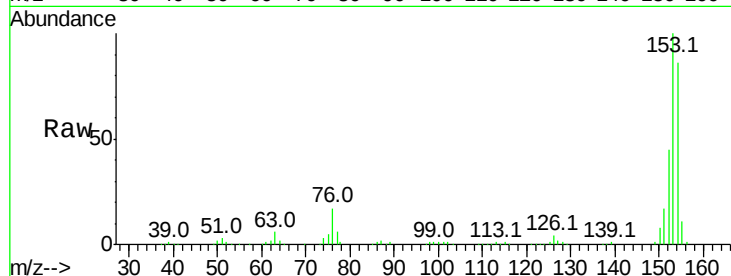
#51
Acenaphthene
Concen: 44.053 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.2	136.8
152	52.0	43.8	65.8

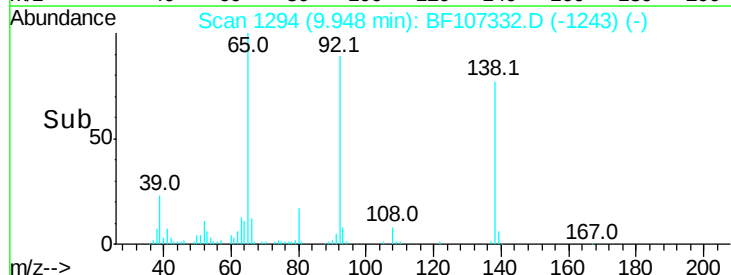
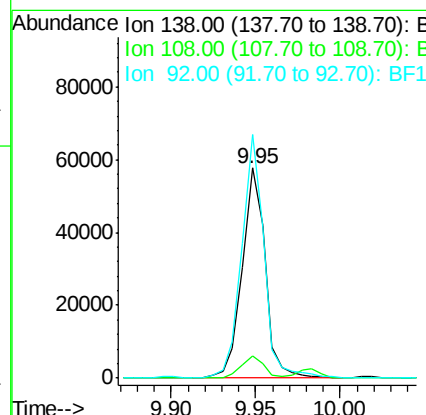
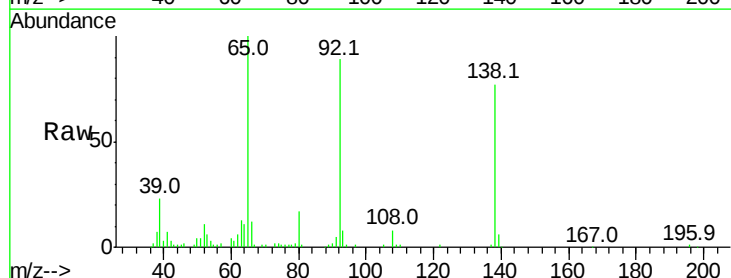
Manual Integrations
APPROVED

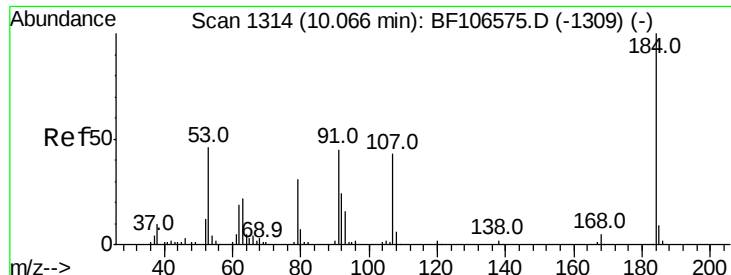
Sohil
7/13/2018 11:17:09 AM



#52
3-Nitroaniline
Concen: 23.776 ng
RT: 9.95 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.4	14.0
92	116.0	89.4	134.2





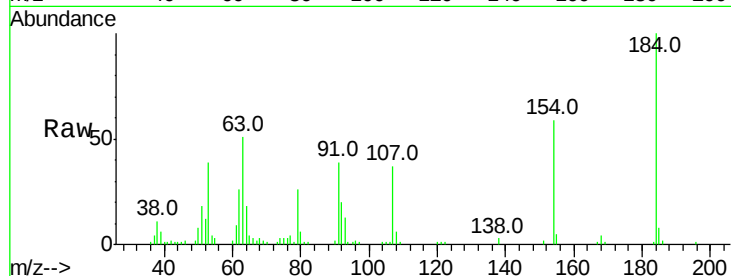
#53
2,4-Dinitrophenol
Concen: 64.849 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

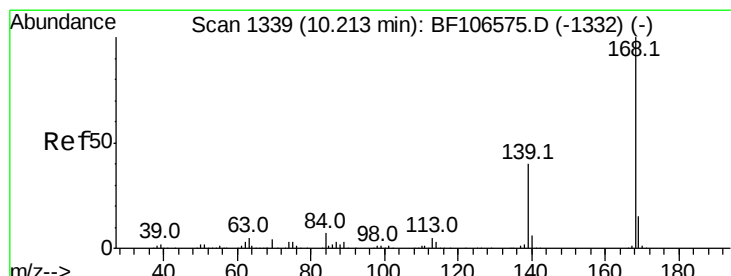
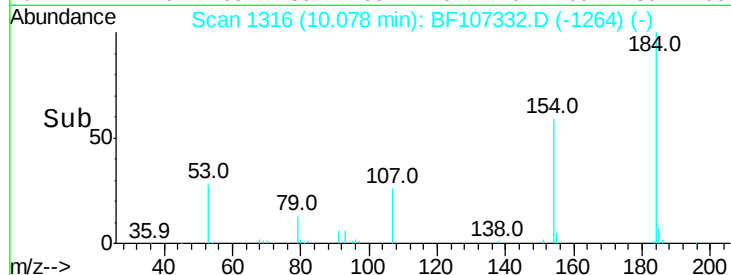
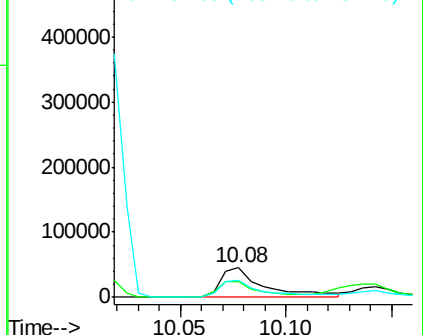
Tot Ion	Ratio	Lower	Upper
184	100		
63	51.0	54.2	81.2#
154	59.1	184.0	276.0#

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:09 AM

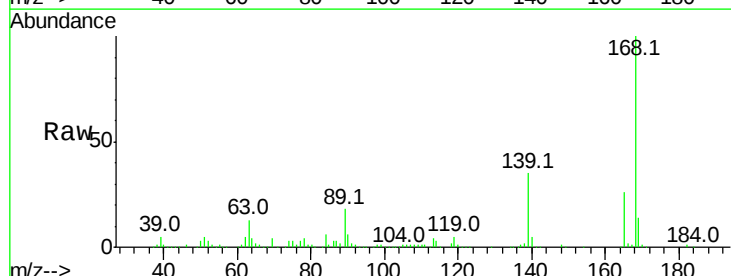


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

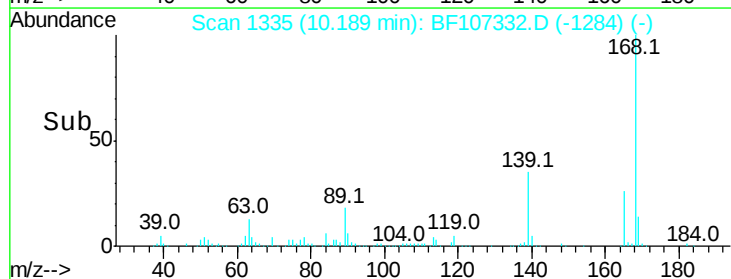
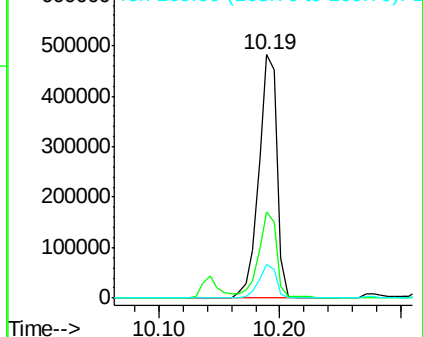


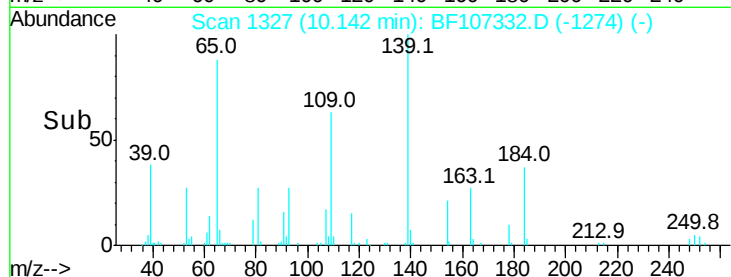
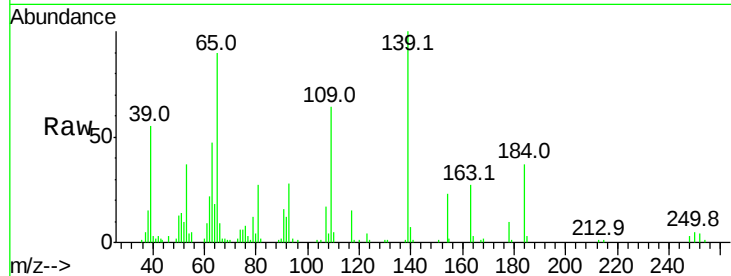
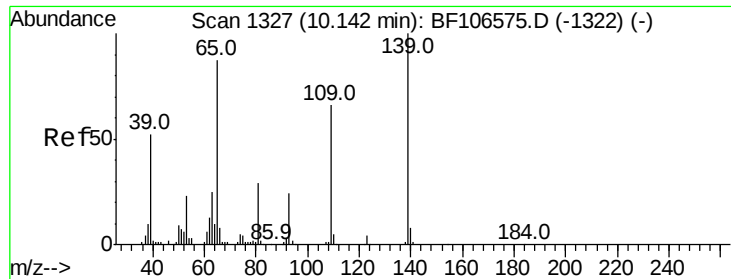
#54
Dibenzofuran
Concen: 47.012 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.5	30.1	45.1
169	13.6	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





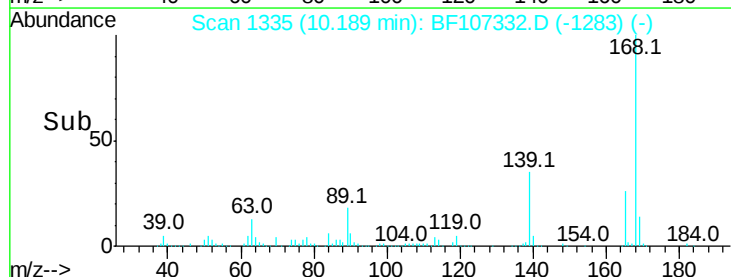
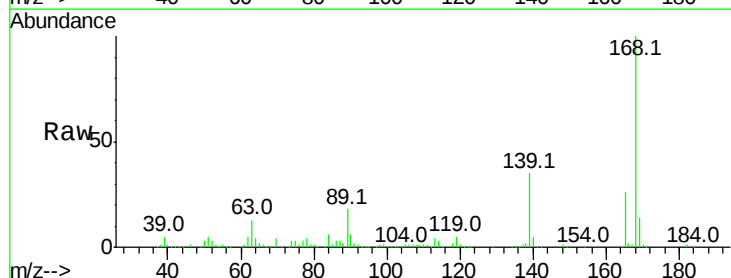
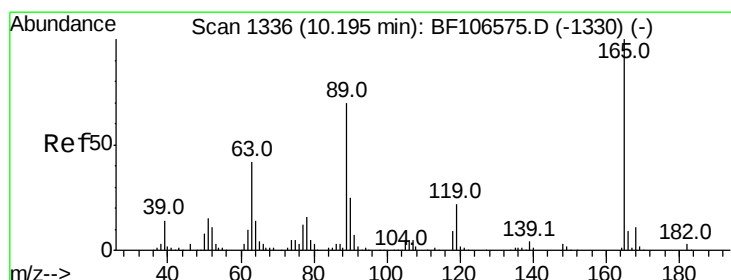
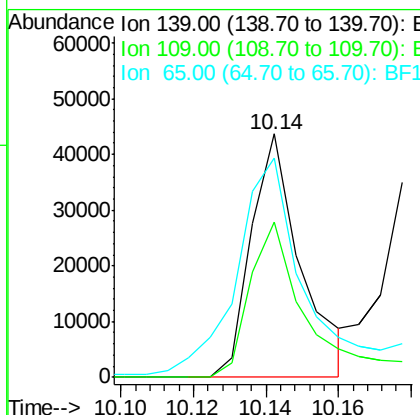
#55
4-Nitrophenol
Concen: 25.735 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.6	48.4	88.4
65	90.1	72.6	112.6

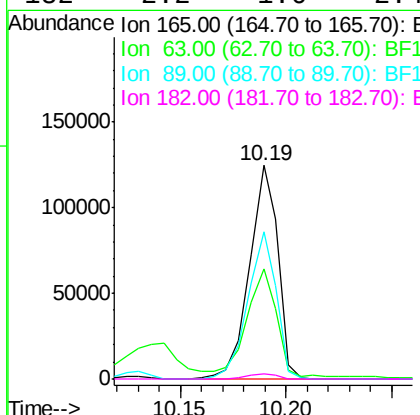
Manual Integrations
APPROVED

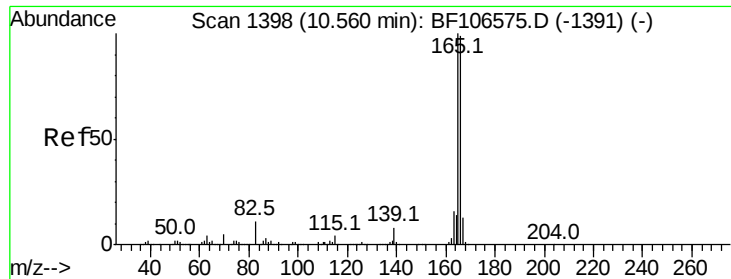
Sohil
7/13/2018 11:17:09 AM



#56
2,4-Dinitrotoluene
Concen: 44.480 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.4	36.4	54.6
89	69.0	57.8	86.6
182	2.2	1.6	2.4





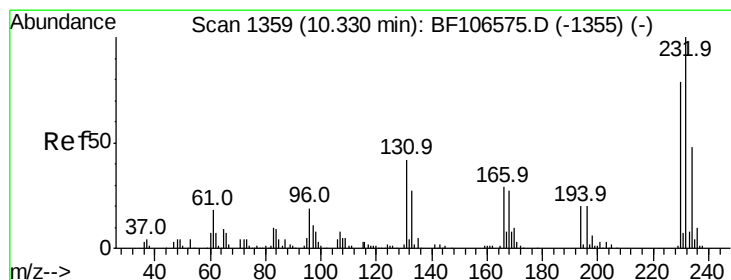
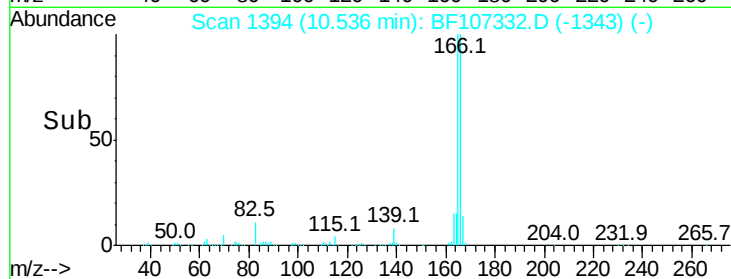
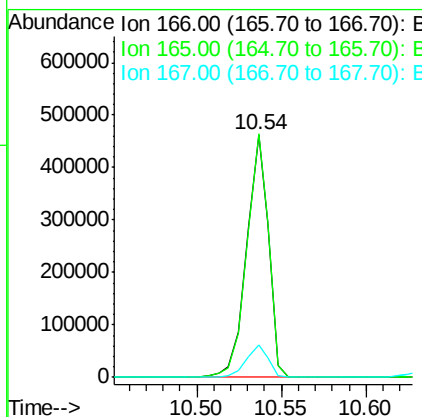
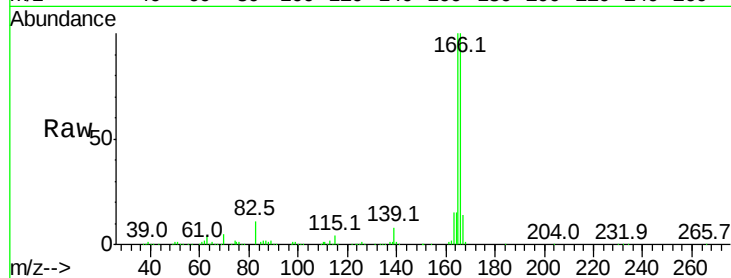
#57
 Fluorene
 Concen: 48.743 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.8	119.8
167	13.6	10.6	16.0

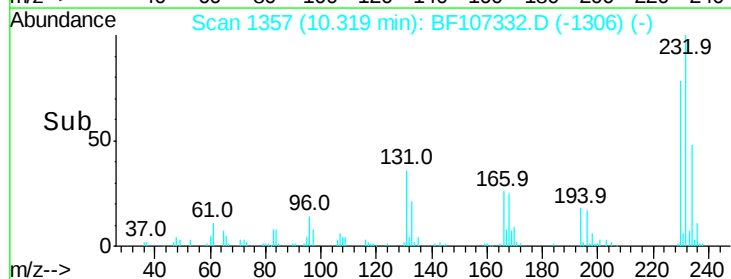
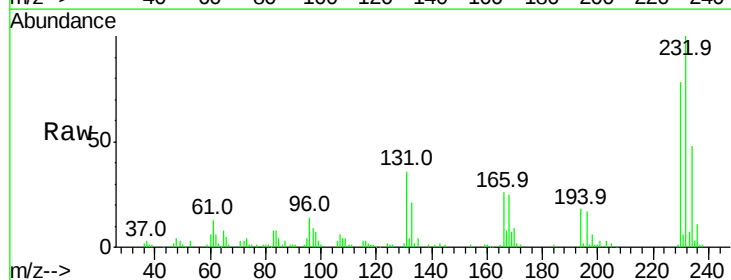
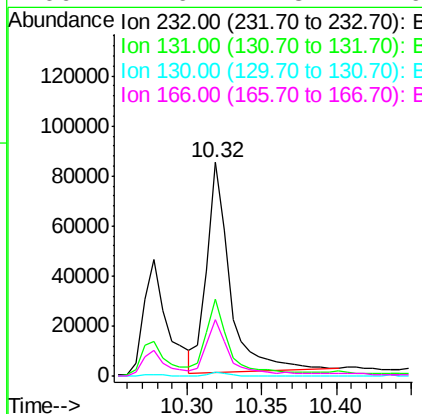
Manual Integrations
 APPROVED

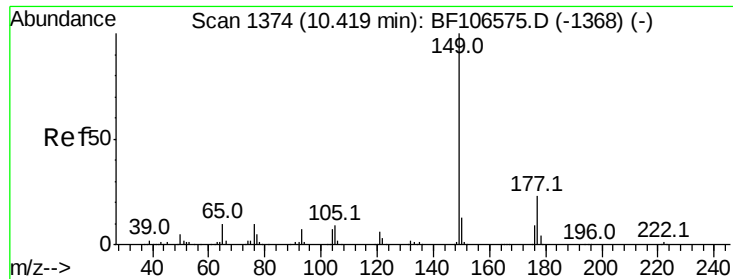
Sohil
 7/13/2018 11:17:09 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.679 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
232	100		
131	32.7	43.8	65.8#
130	1.3	2.1	3.1#
166	22.6	27.8	41.6#





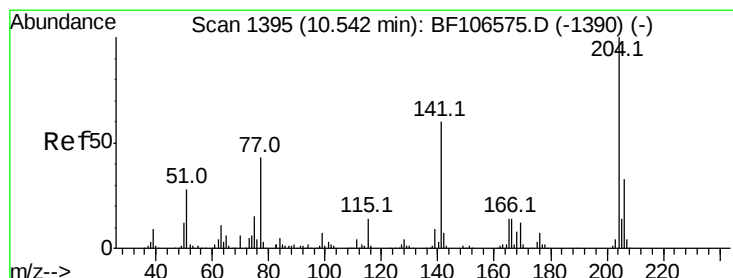
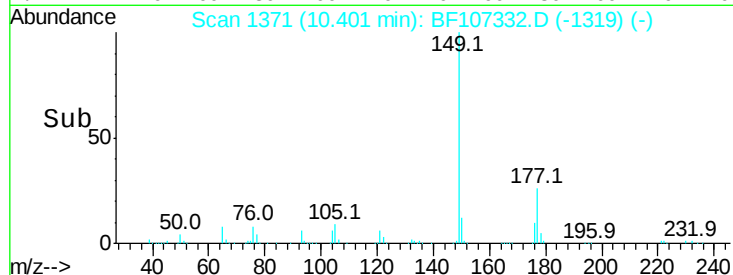
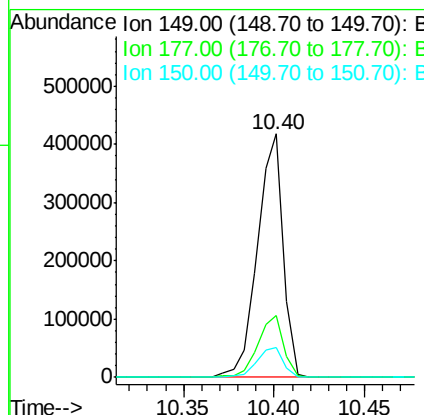
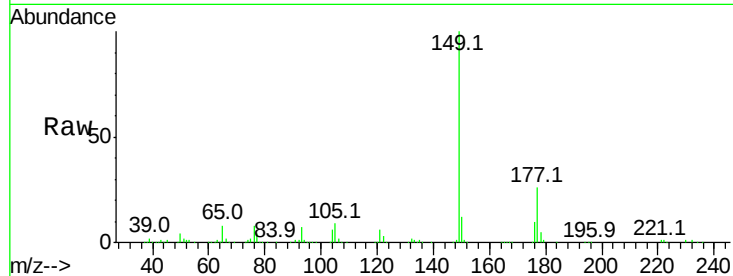
#59
Diethylphthalate
Concen: 44.876 ng
RT: 10.40 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.6	16.1	24.1#
150	12.3	10.1	15.1

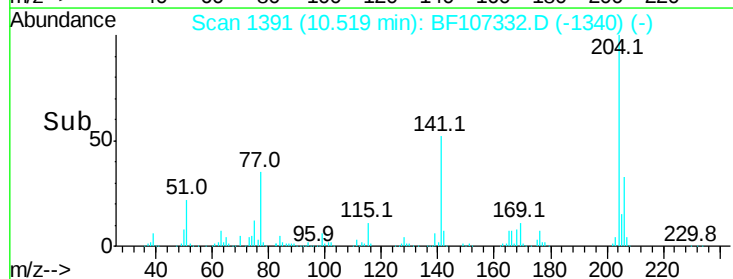
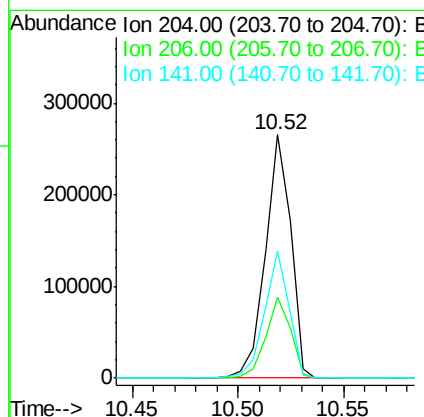
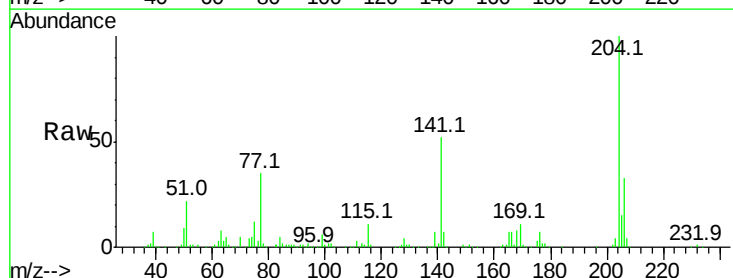
Manual Integrations
APPROVED

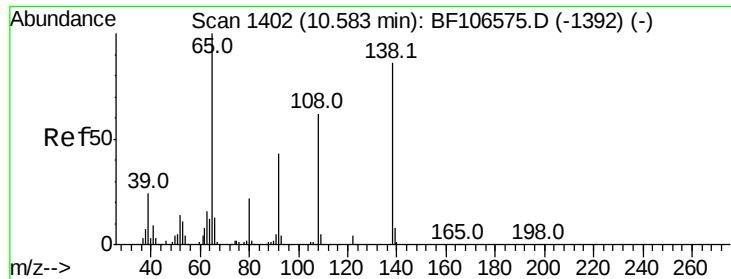
Sohil
7/13/2018 11:17:09 AM



#60
4-Chlorophenyl-phenylether
Concen: 49.750 ng
RT: 10.52 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	52.5	54.6	81.8#





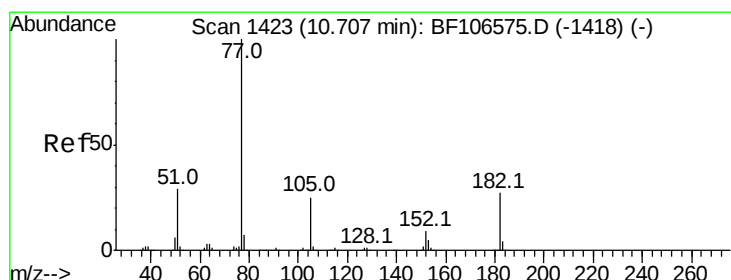
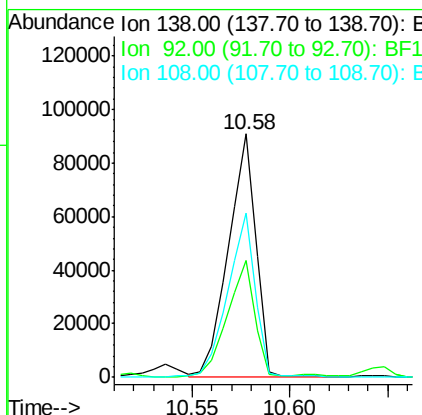
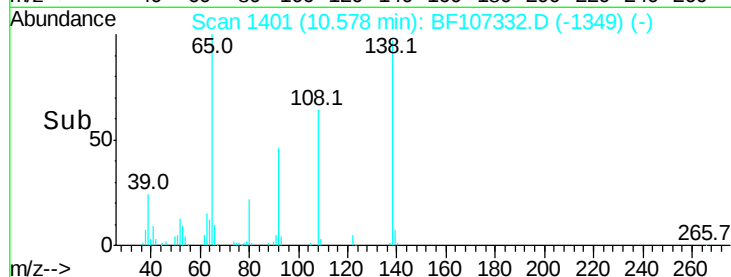
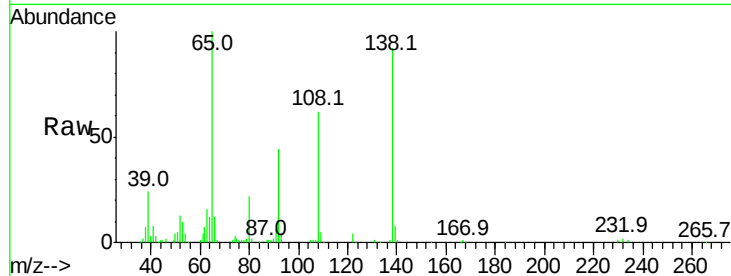
#61
4-Nitroaniline
Concen: 39.049 ng
RT: 10.58 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	30.2	70.2
108	67.6	52.5	92.5

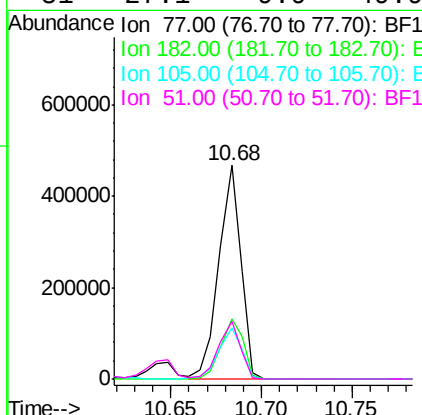
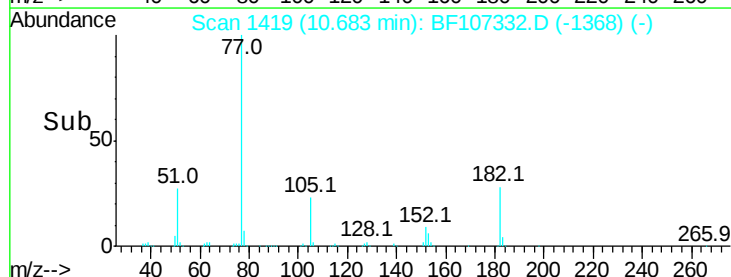
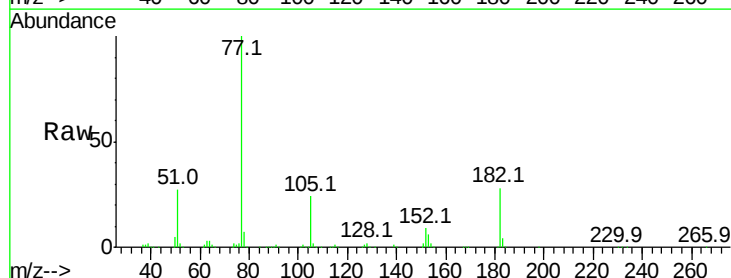
Manual Integrations
APPROVED

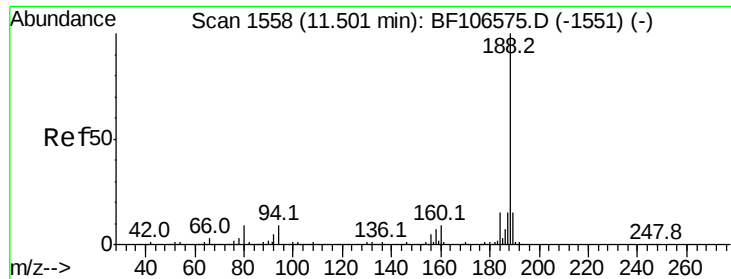
Sohil
7/13/2018 11:17:09 AM



#62
Azobenzene
Concen: 43.973 ng
RT: 10.68 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.3	1.7	41.7
105	24.3	3.0	43.0
51	27.1	9.9	49.9





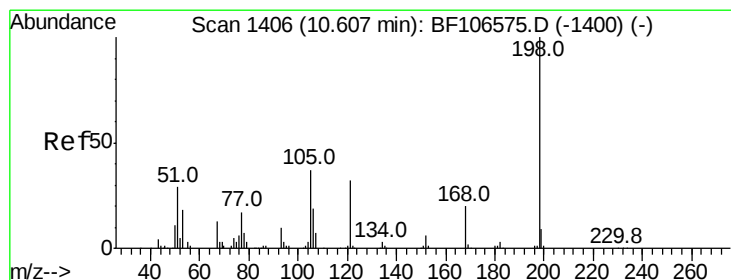
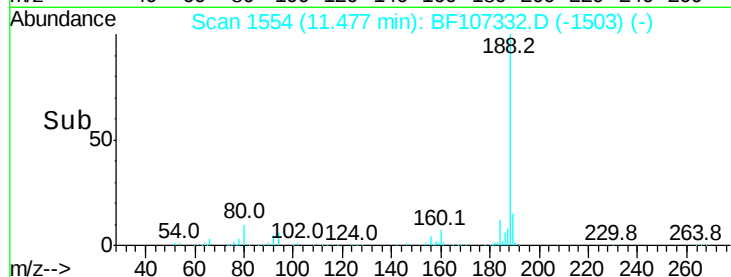
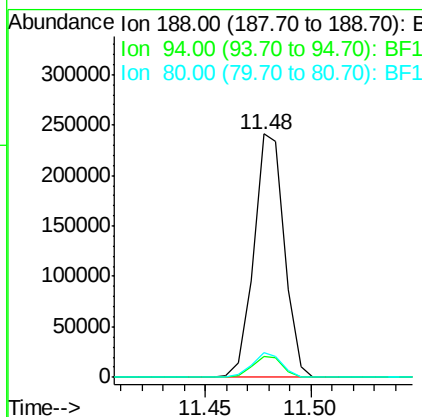
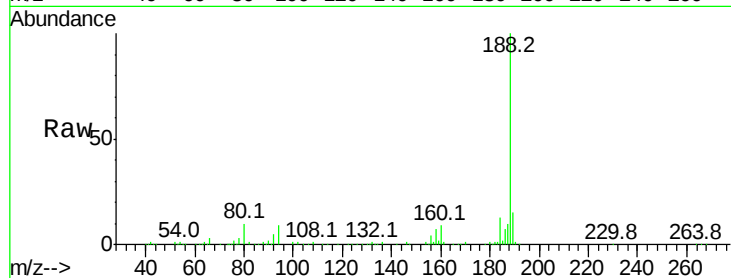
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.9	9.2	13.8

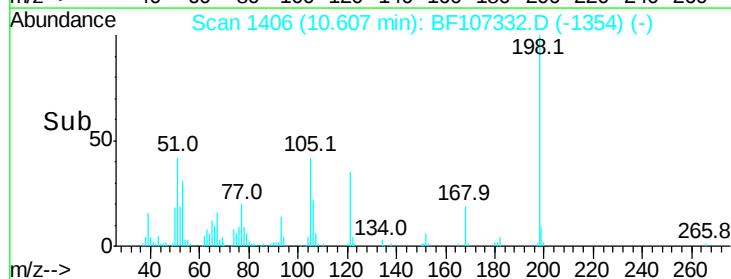
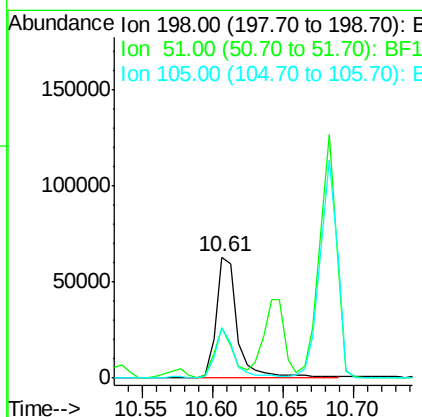
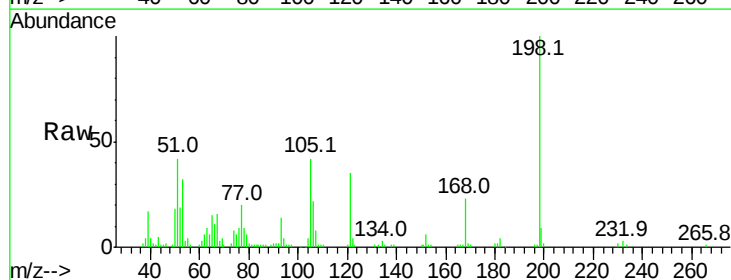
Manual Integrations
APPROVED

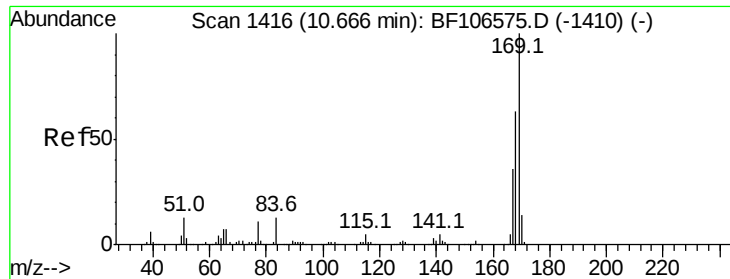
Sohil
7/13/2018 11:17:09 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.232 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	41.9	37.7	77.7
105	41.9	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 44.577 ng

RT: 10.65 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Instrument :

BNA_F

ClientSampleId :

PB110986BSD

Tot Ion:169 Resp: 363318

Ion Ratio Lower Upper

169 100

168 69.3 54.4 81.6

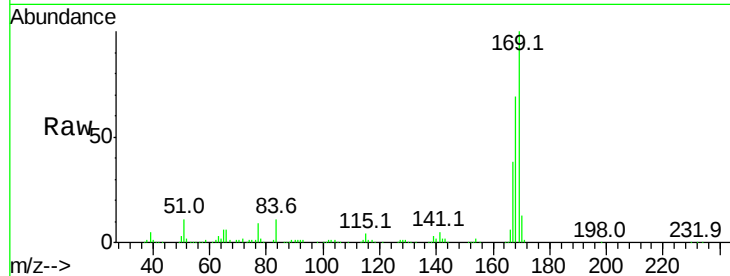
167 37.6 29.8 44.6

Manual Integrations

APPROVED

Sohil

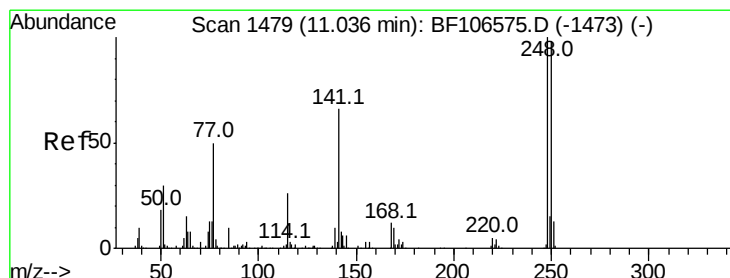
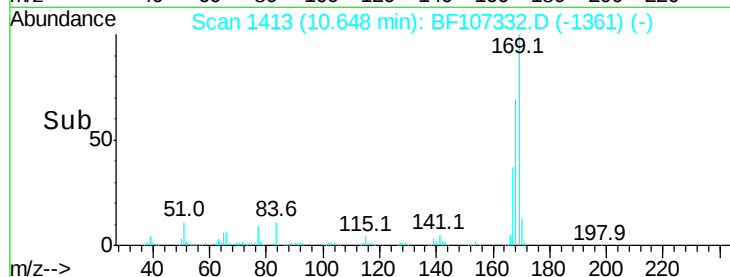
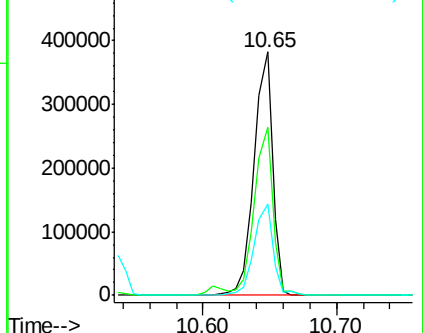
7/13/2018 11:17:09 AM



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: 52.858 ng

RT: 11.01 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

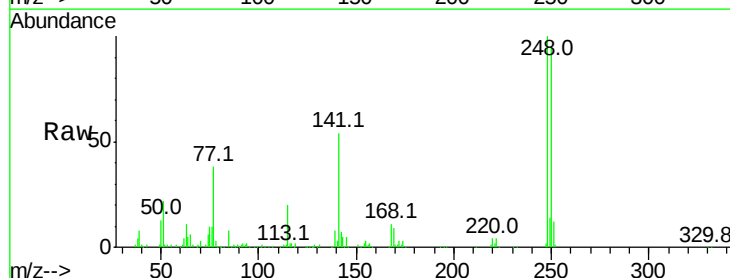
Tgt Ion:248 Resp: 152861

Ion Ratio Lower Upper

248 100

250 95.3 76.9 115.3

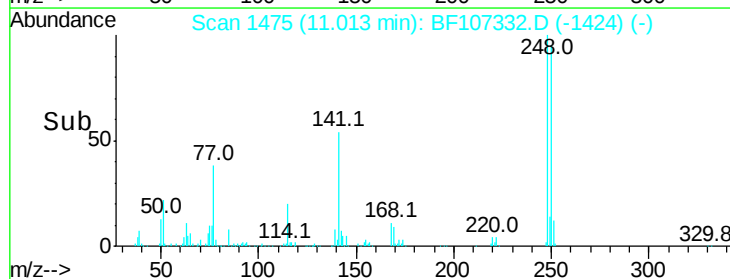
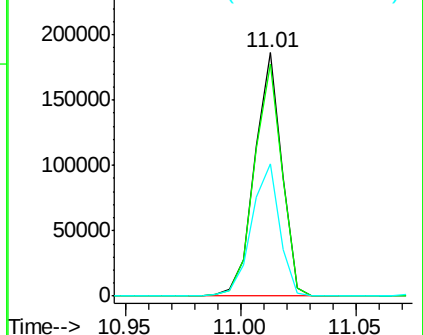
141 54.3 74.4 111.6#

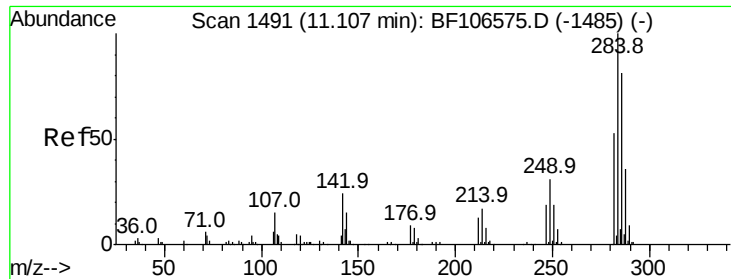


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





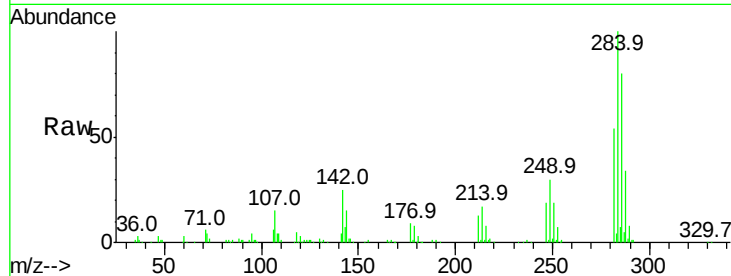
#67
Hexachlorobenzene
Concen: 53.460 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

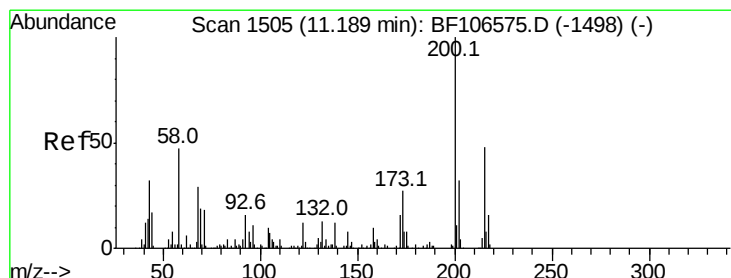
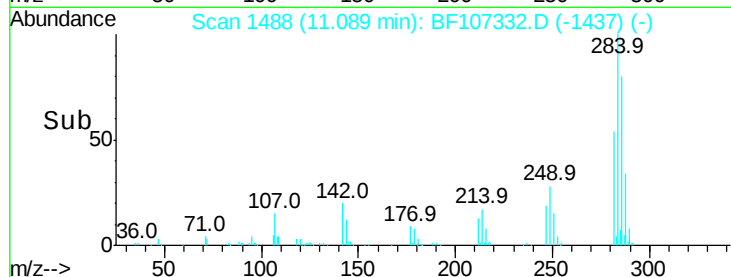
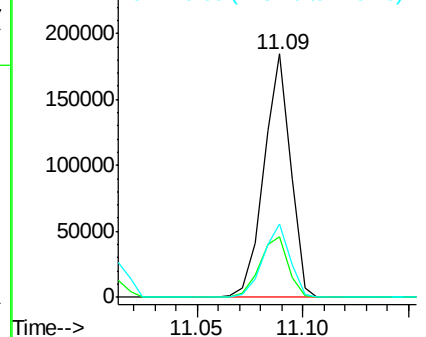
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	24.9	34.6	52.0	
249	30.1	24.8	37.2	

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:09 AM

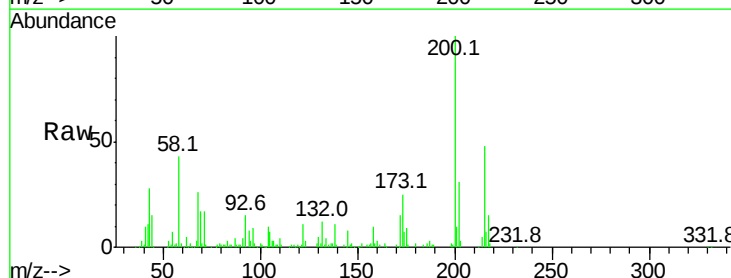


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

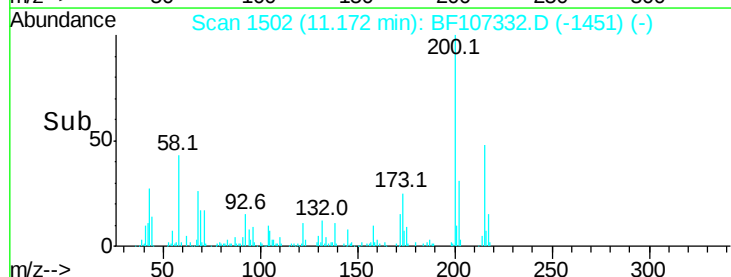
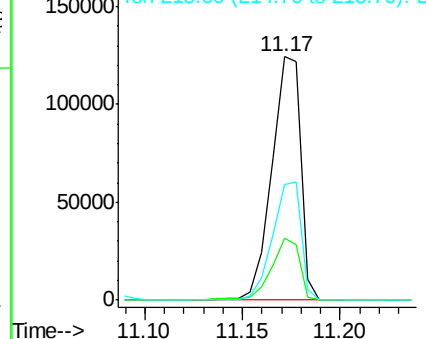


#68
Atrazine
Concen: 49.210 ng
RT: 11.17 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.2	8.6	48.6	
215	47.7	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





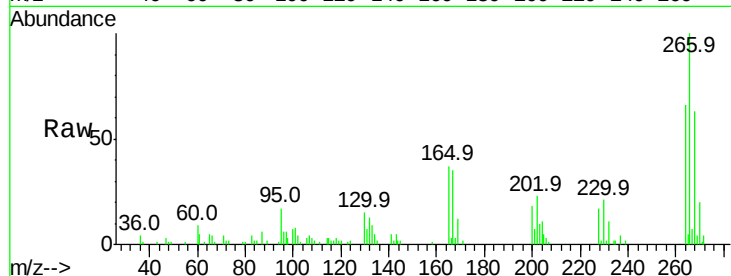
#69
 Pentachlorophenol
 Concen: 30.505 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BSD

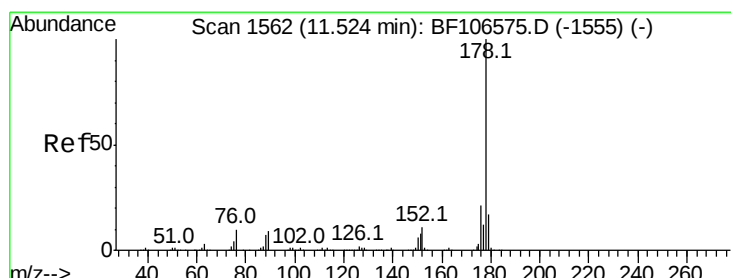
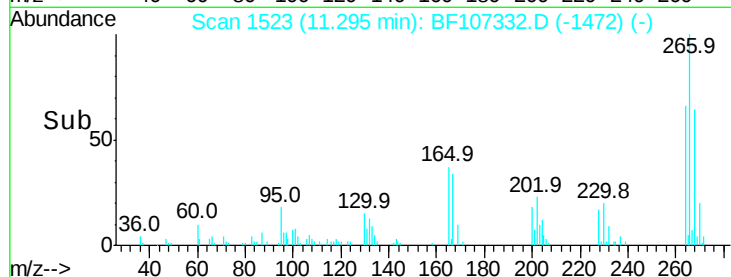
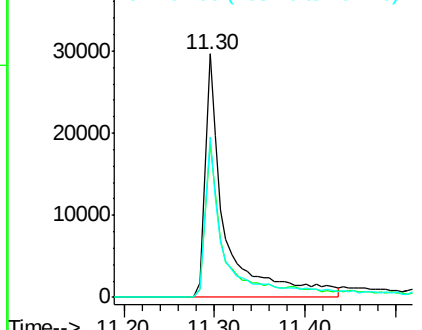
Tot Ion:	266	Resp:	46070
Ion Ratio	Lower	Upper	
266	100		
268	63.3	51.1	76.7
264	65.6	49.5	74.3

Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:09 AM

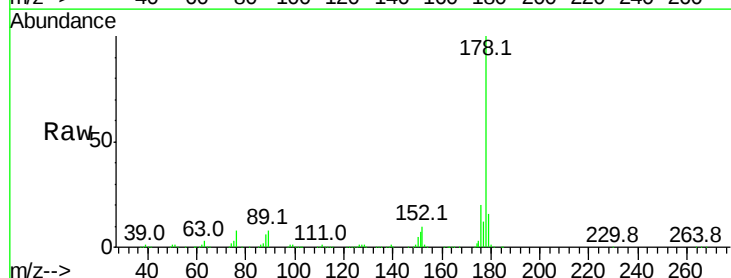


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

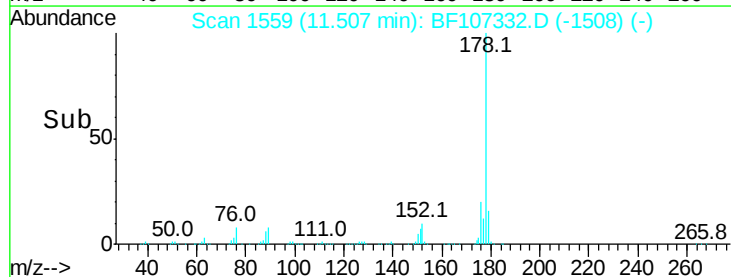
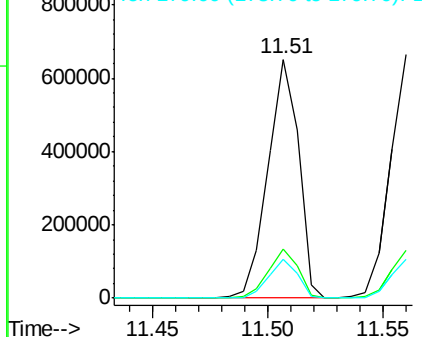


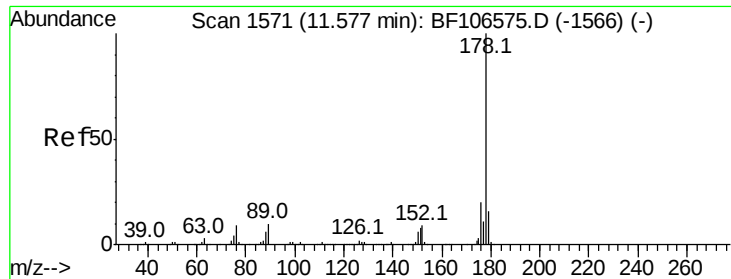
#70
 Phenanthrene
 Concen: 51.365 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Tgt Ion:	178	Resp:	600326
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.8	23.8
179	16.1	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





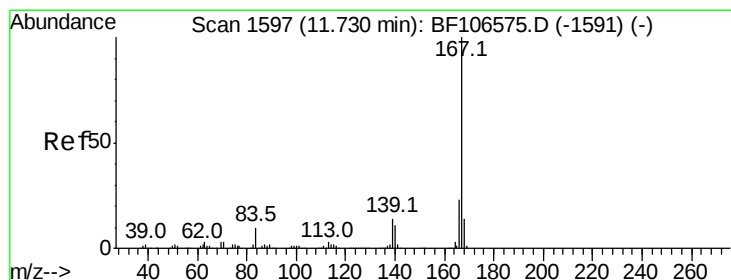
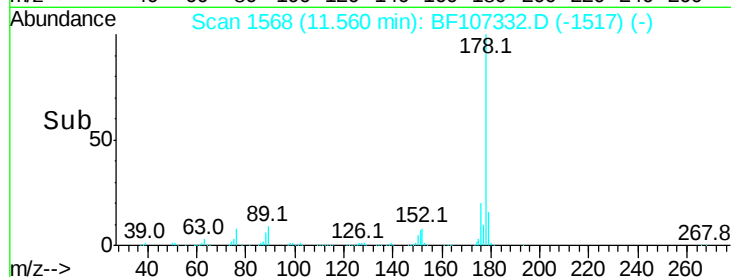
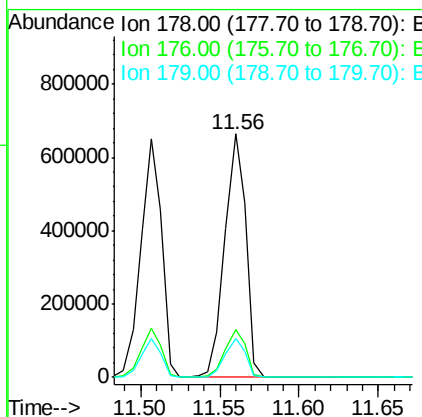
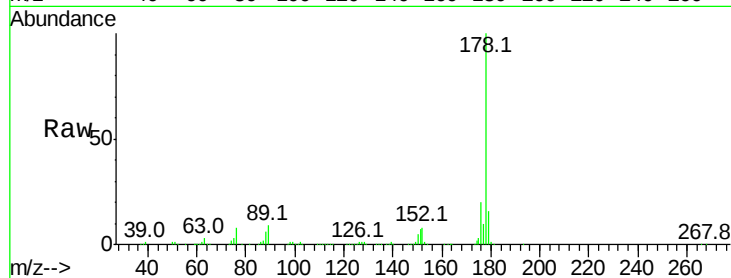
#71
 Anthracene
 Concen: 51.335 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.0	12.6	19.0

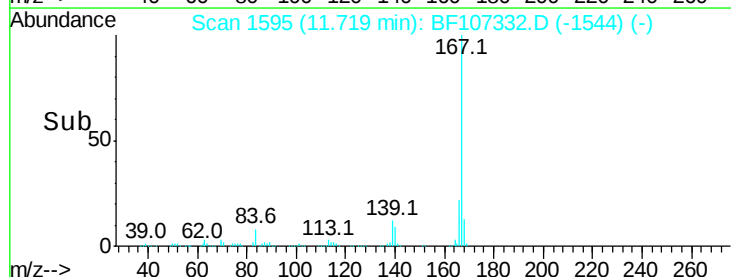
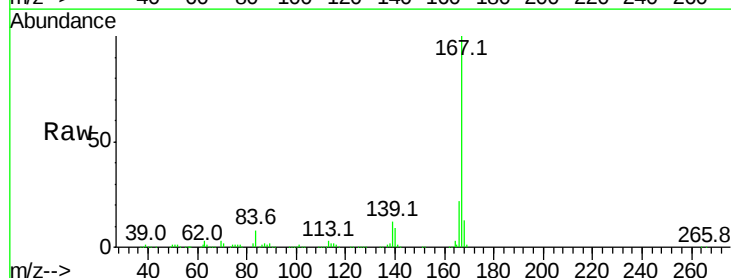
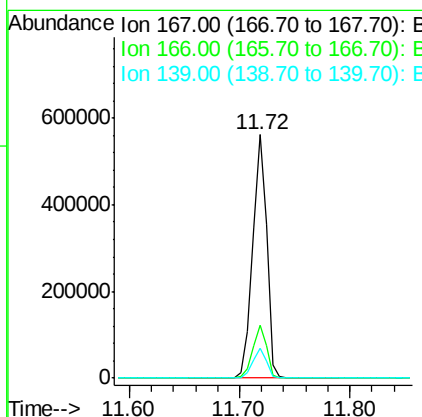
Manual Integrations
 APPROVED

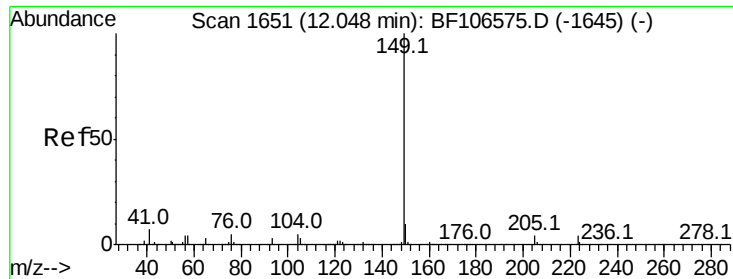
Sohil
 7/13/2018 11:17:09 AM



#72
 Carbazole
 Concen: 44.977 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.2	10.9	16.3





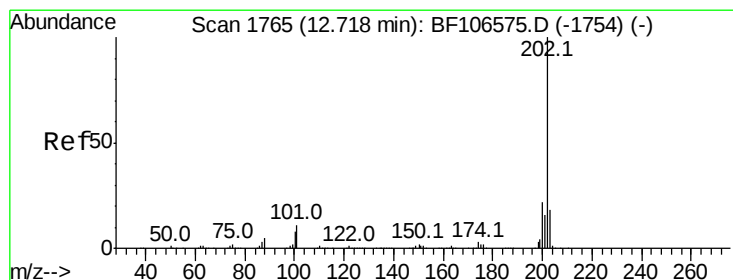
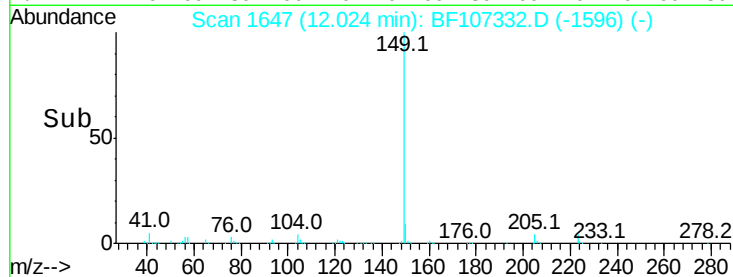
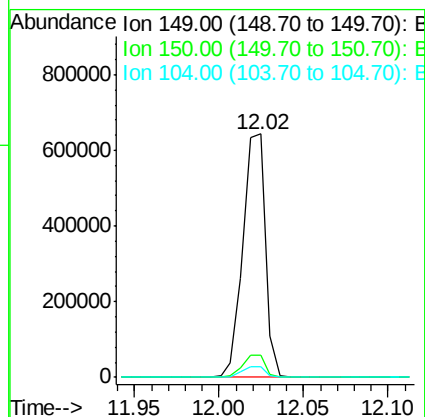
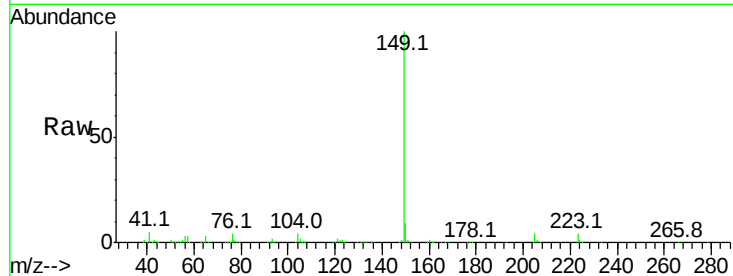
#73
Di-n-butylphthalate
Concen: 45.489 ng
RT: 12.02 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.1	7.8	11.6
104	4.2	3.8	5.8

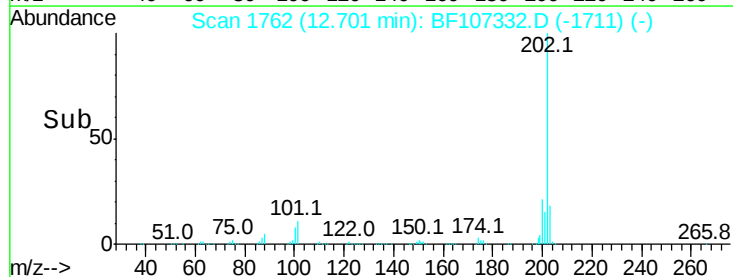
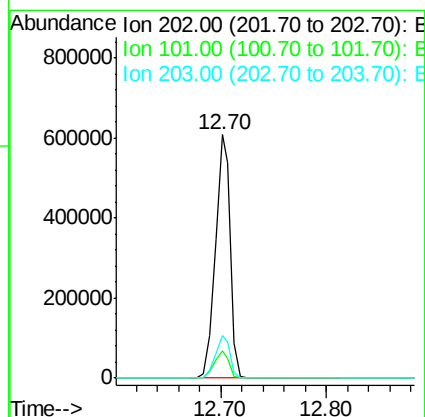
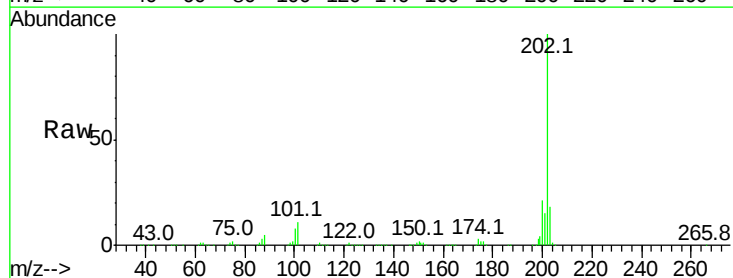
Manual Integrations
APPROVED

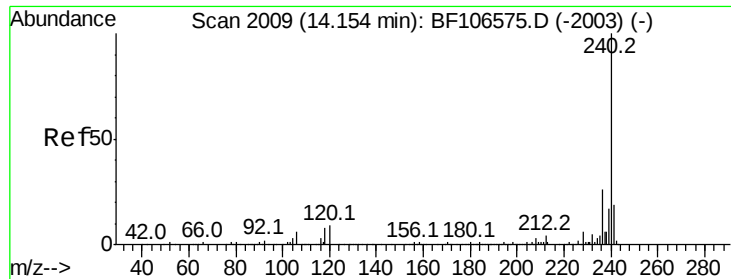
Sohil
7/13/2018 11:17:09 AM



#74
Fluoranthene
Concen: 46.993 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Instrument :

BNA_F

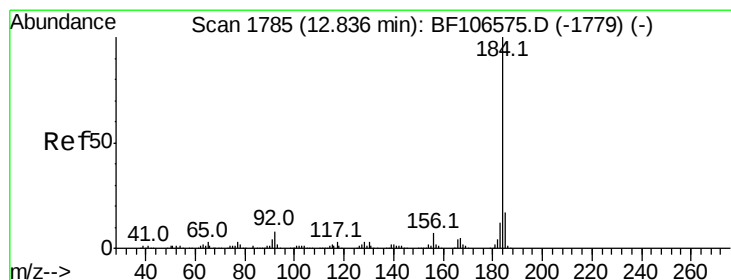
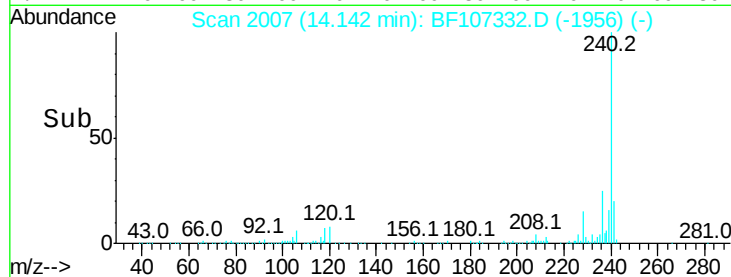
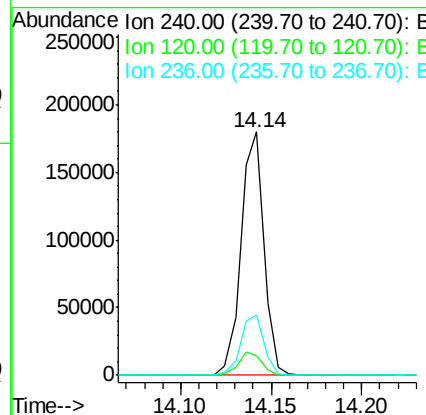
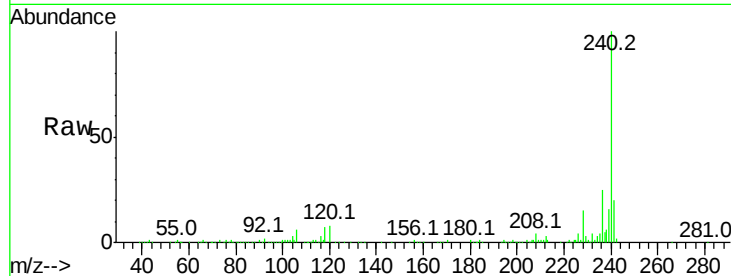
ClientSampleId :

PB110986BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.0	9.5	14.3#
236	25.0	20.7	31.1

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:09 AM



#76

Benzidine

Concen: 34.832 ng

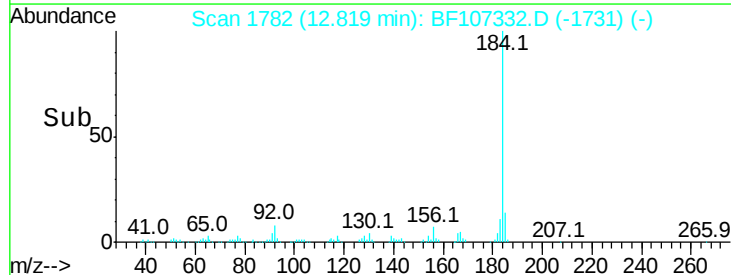
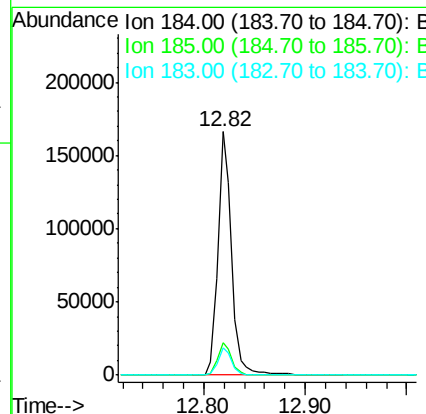
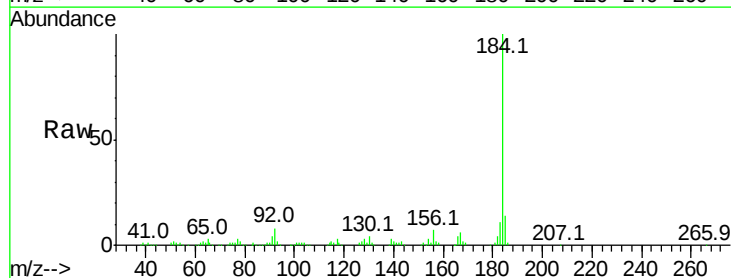
RT: 12.82 min Scan# 1782

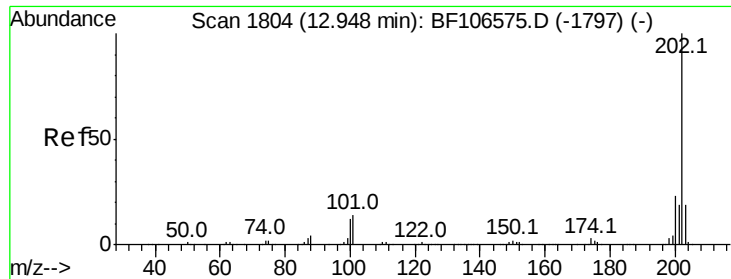
Delta R.T. -0.00 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	12.6	18.8
183	11.3	9.3	13.9





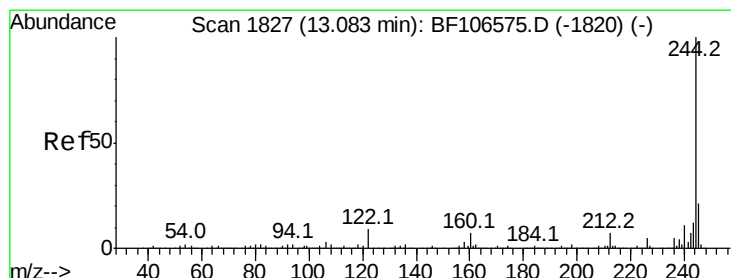
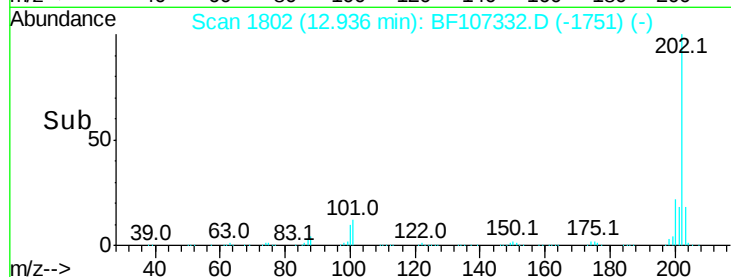
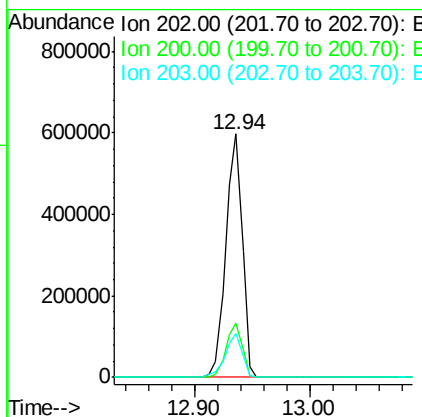
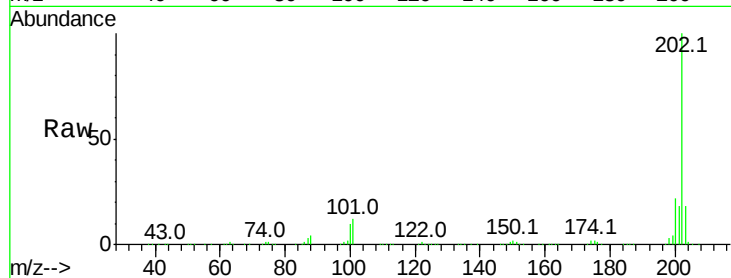
#77
Pvrene
Concen: 56.468 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.1	14.3	21.5

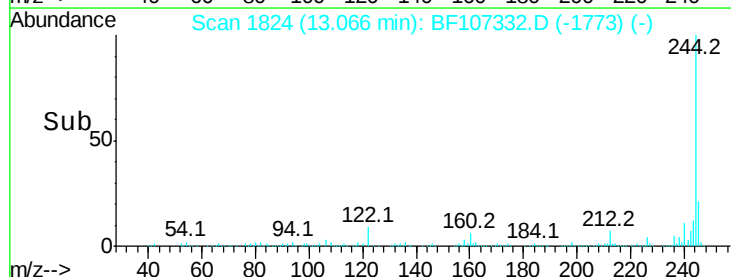
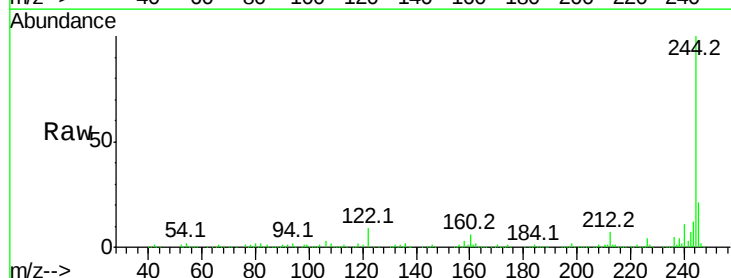
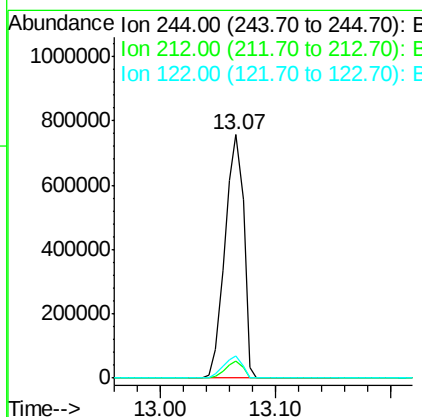
Manual Integrations
APPROVED

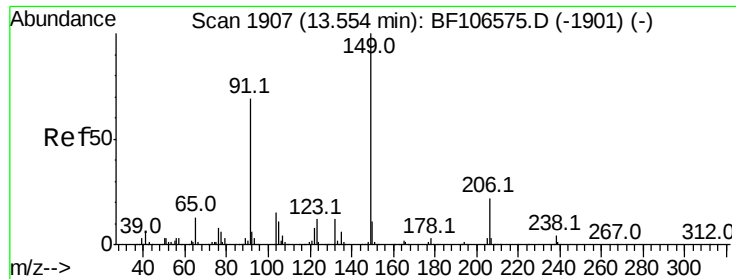
Sohil
7/13/2018 11:17:09 AM



#78
Terphenyl-d14
Concen: 130.168 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.1	11.0	16.4#





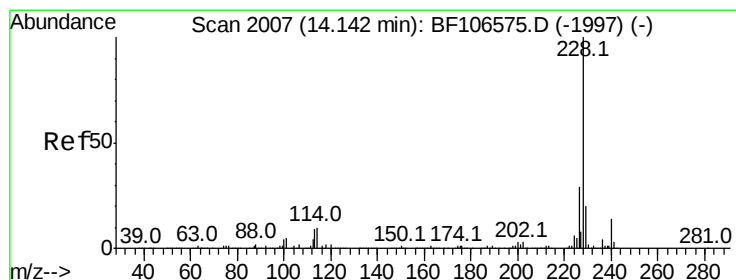
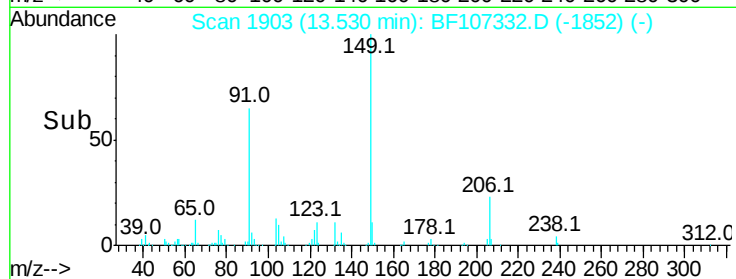
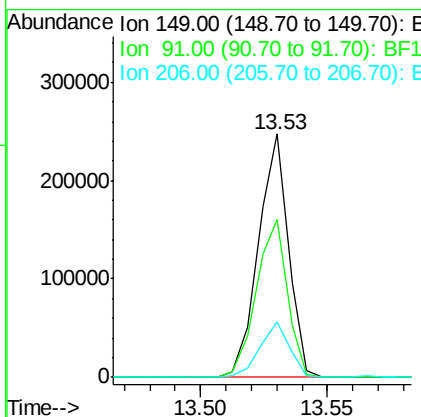
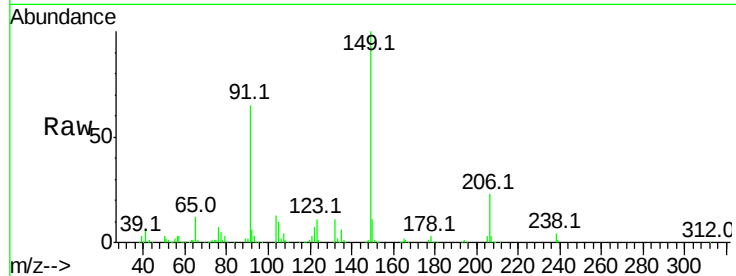
#79
Butylbenzylphthalate
Concen: 47.994 ng
RT: 13.53 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	65.0	56.8	85.2
206	22.8	14.1	21.1

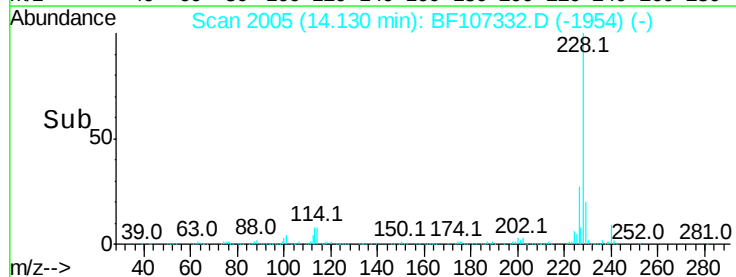
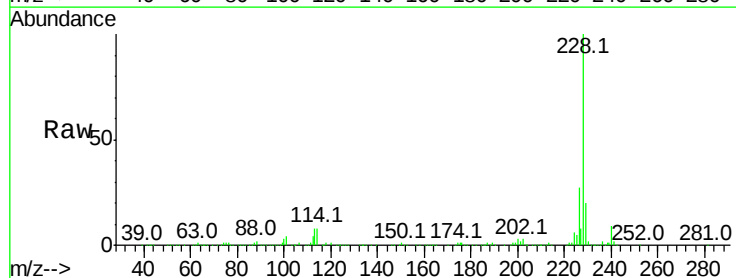
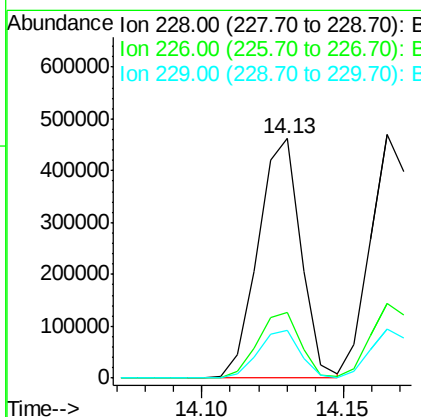
Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:09 AM



#80
Benzo(a)anthracene
Concen: 50.529 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.4	22.6	33.8
229	20.1	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 31.557 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Instrument :

BNA_F

ClientSampleId :

PB110986BSD

Tot Ion:252 Resp: 106667
Ion Ratio Lower Upper

252 100

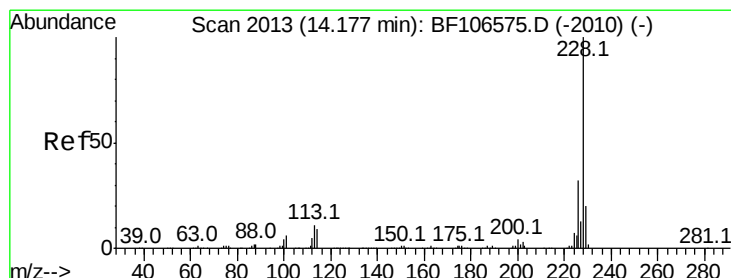
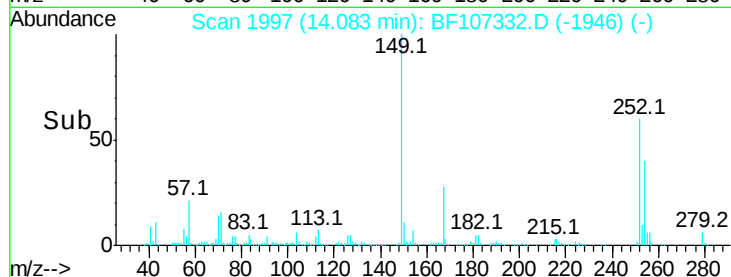
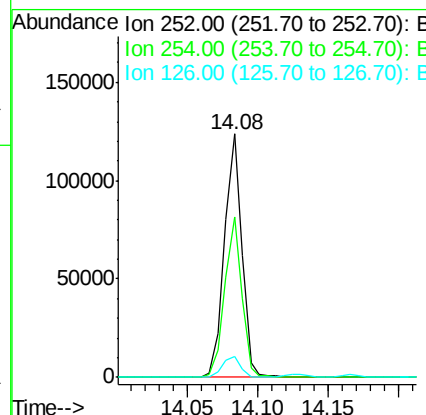
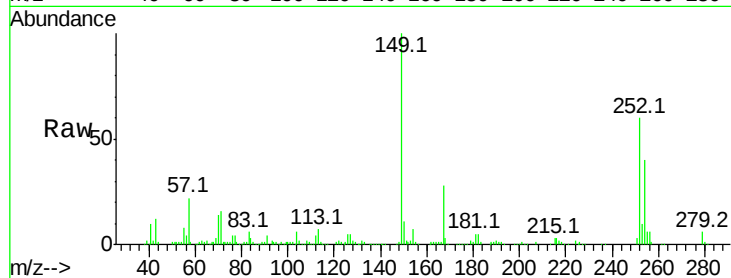
254 65.8 50.4 75.6

126 8.6 11.3 16.9#

Manual Integrations
APPROVED

Sohil

7/13/2018 11:17:09 AM



#82

Chrysene

Concen: 50.825 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107332.D

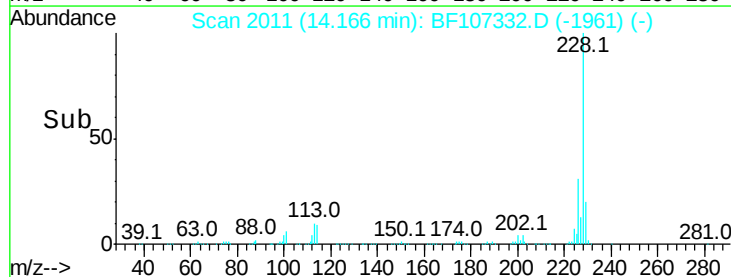
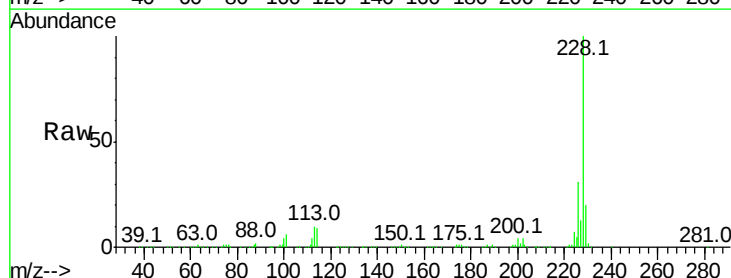
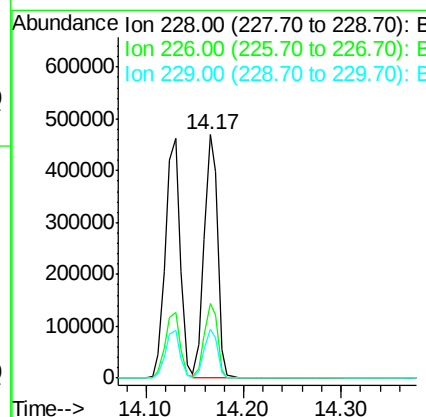
Acq: 12 Jul 2018 12:18

Tgt Ion:228 Resp: 449703
Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 20.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.877 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Instrument :

BNA_F

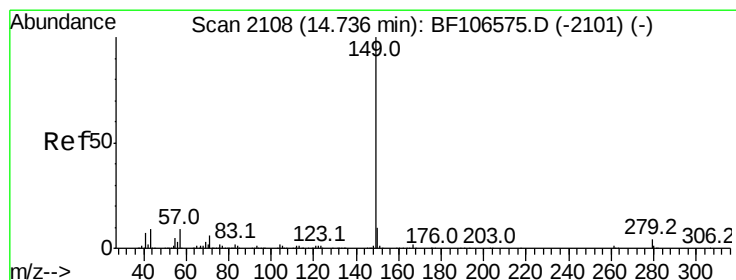
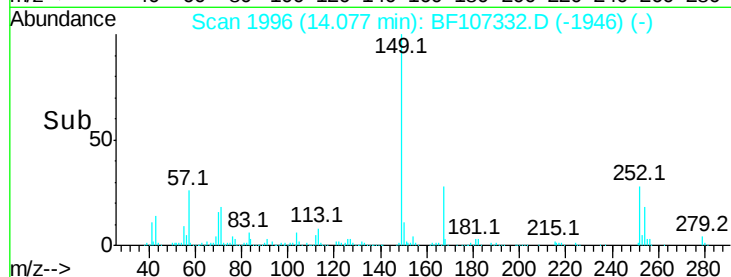
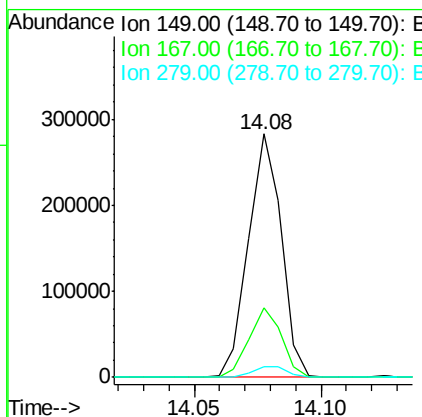
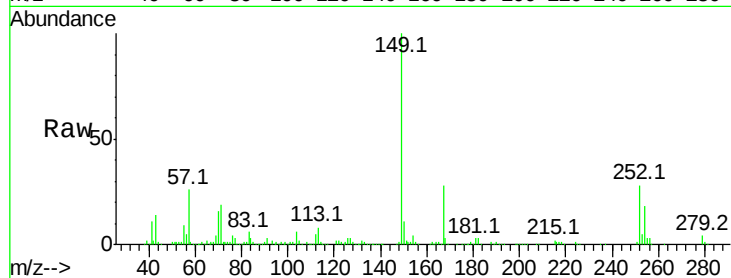
ClientSampleId :

PB110986BSD

Tot Ion:	149	Resp:	256410
Ion Ratio	Lower	Upper	
149	100		
167	28.4	21.3	31.9
279	4.4	3.0	4.4

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:09 AM



#84

Di-n-octyl phthalate

Concen: 49.032 ng

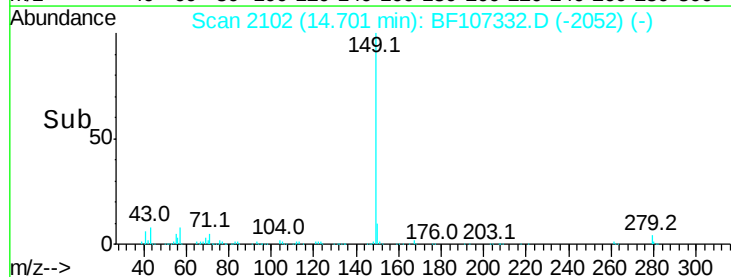
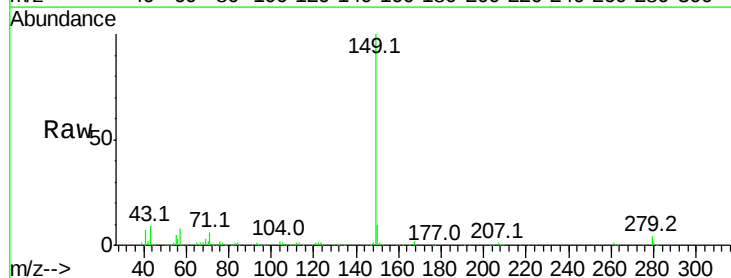
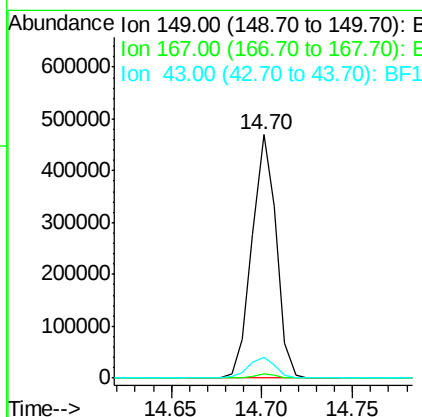
RT: 14.70 min Scan# 2102

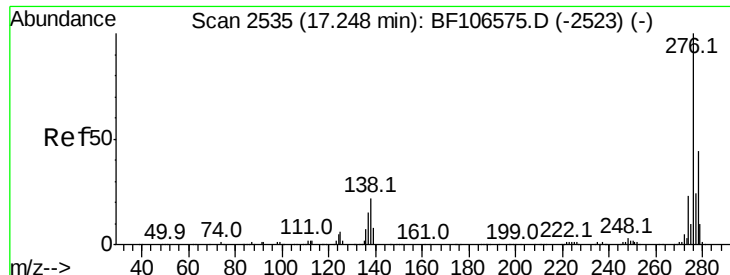
Delta R.T. -0.01 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Tgt Ion:	149	Resp:	437170
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	8.5	8.4	12.6





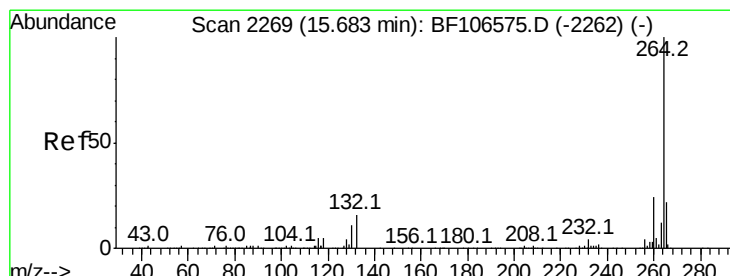
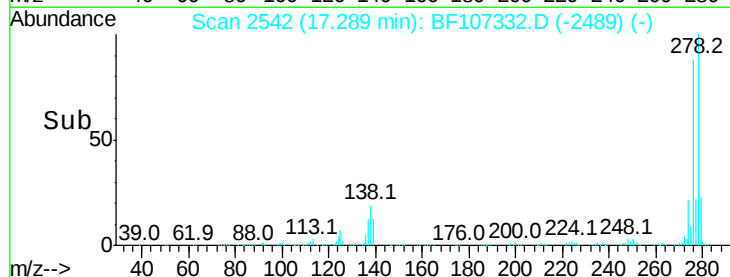
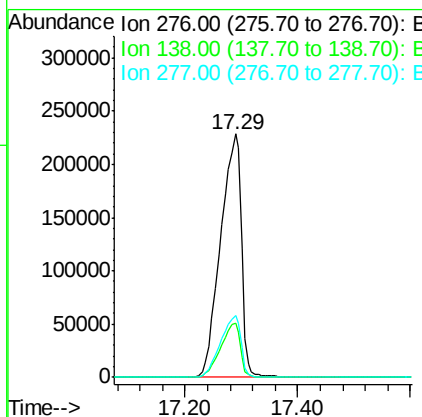
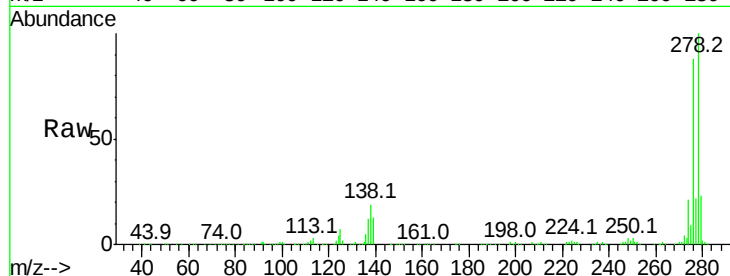
#85
Indeno(1,2,3-cd)pyrene
Concen: 78.538 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	589725		
138	20.9	25.0	37.6	
277	24.7	20.1	30.1	

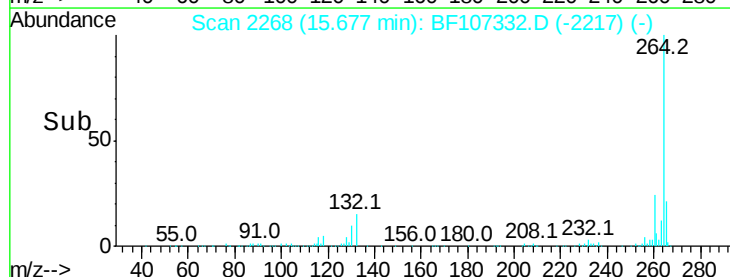
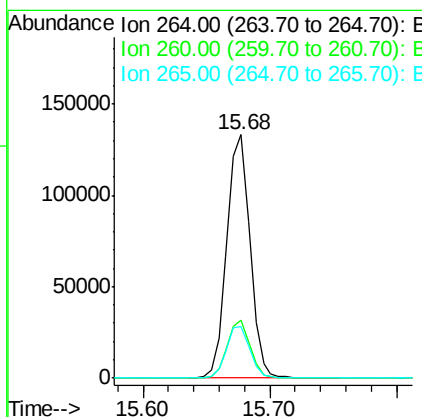
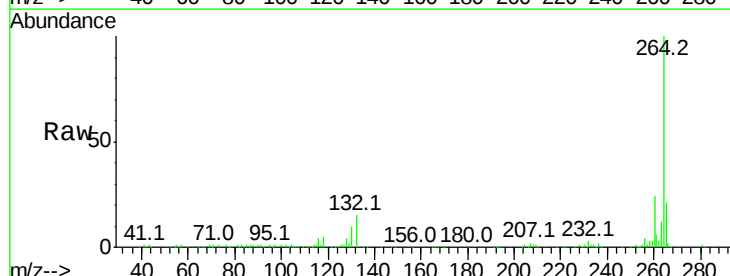
Manual Integrations
APPROVED

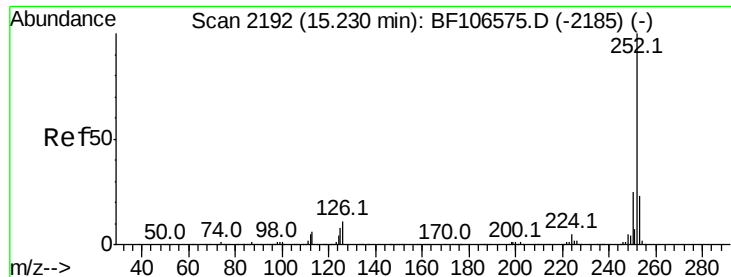
Sohil
7/13/2018 11:17:09 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	168797		
260	23.9	19.2	28.8	
265	21.2	17.5	26.3	





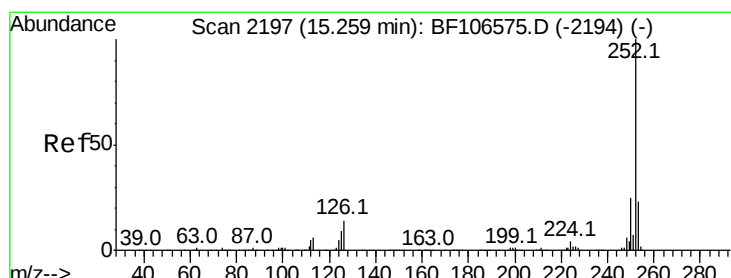
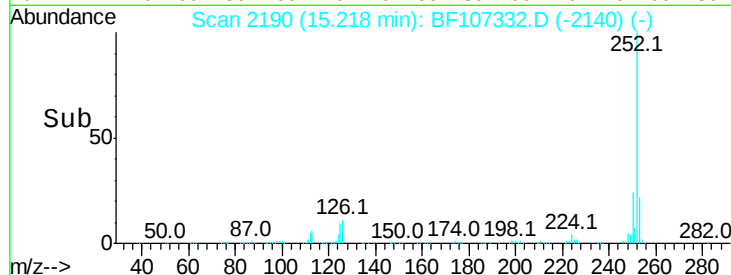
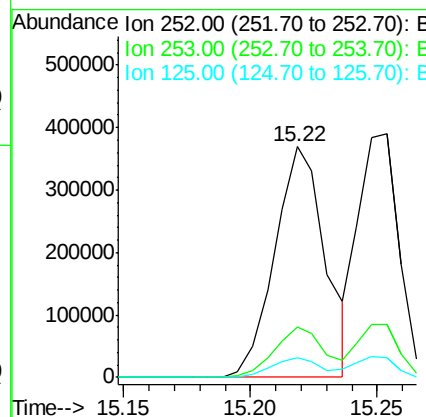
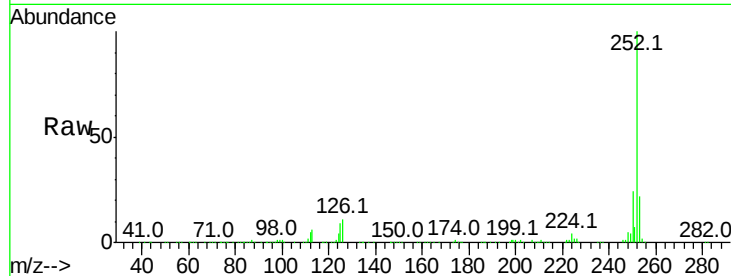
#87
Benzo(b)fluoranthene
Concen: 48.854 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB110986BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	8.8	9.0	13.6

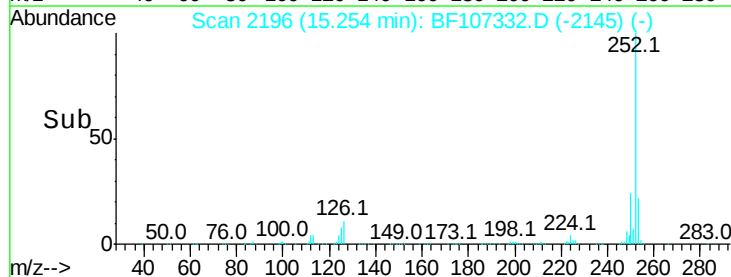
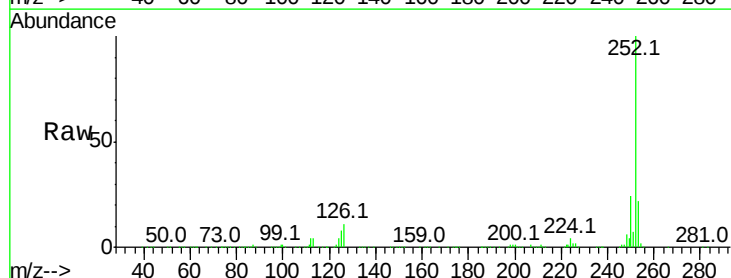
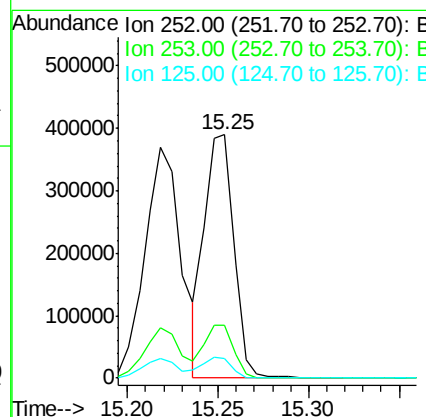
Manual Integrations
APPROVED

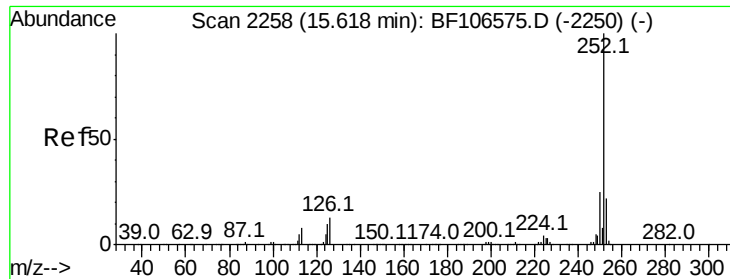
Sohil
7/13/2018 11:17:09 AM



#88
Benzo(k)fluoranthene
Concen: 43.750 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF107332.D
Acq: 12 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	7.9	10.2	15.2





#89

Benzo(a)pyrene

Concen: 51.669 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.00 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Instrument :

BNA_F

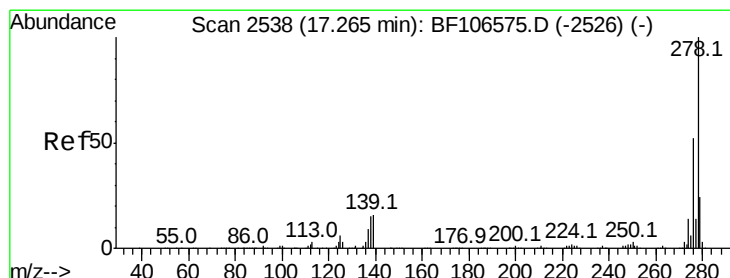
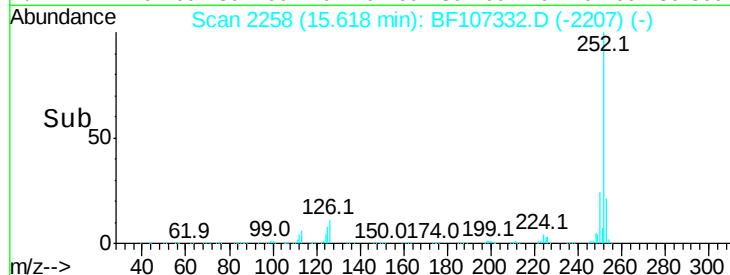
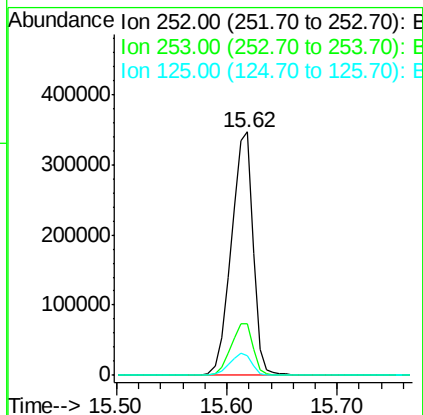
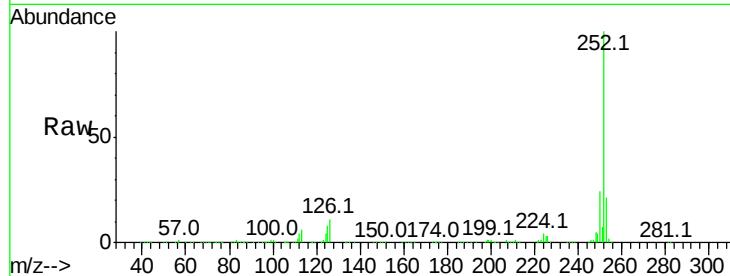
ClientSampleId :

PB110986BSD

Tot Ion:	252	Resp:	481630
Ion Ratio		Lower	Upper
252	100		
253	21.2	17.1	25.7
125	8.2	9.8	14.6

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:09 AM



#90

Dibenzo(a,h)anthracene

Concen: 61.155 ng

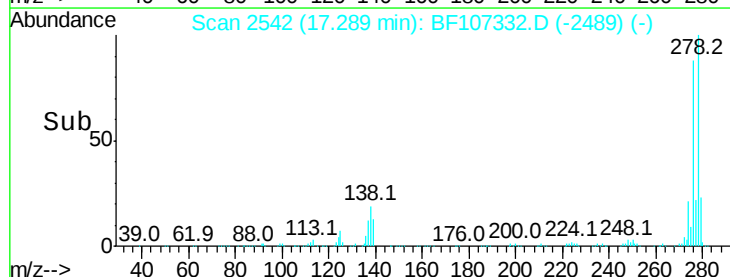
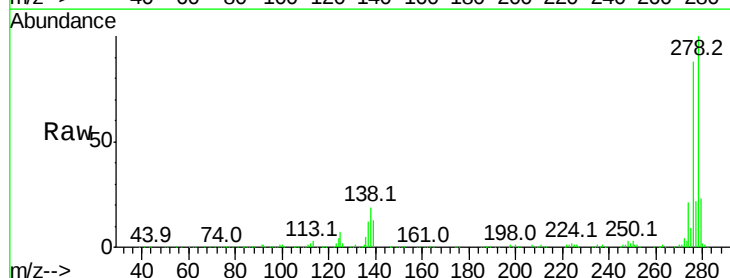
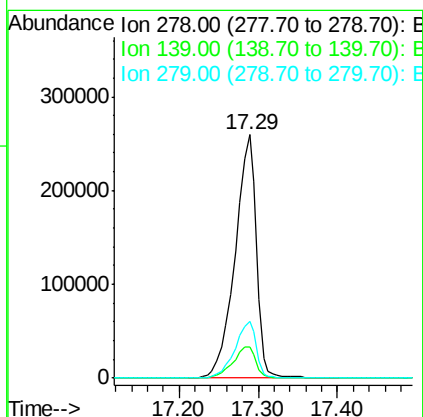
RT: 17.29 min Scan# 2542

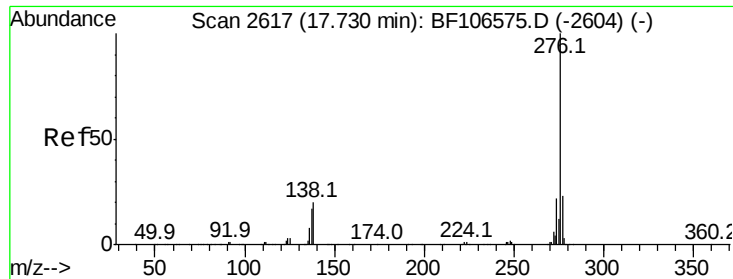
Delta R.T. 0.01 min

Lab File: BF107332.D

Acq: 12 Jul 2018 12:18

Tgt Ion:	278	Resp:	483117
Ion Ratio		Lower	Upper
278	100		
139	13.0	15.9	23.9
279	23.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 66.487 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BF107332.D
 Acq: 12 Jul 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	18.6	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:09 AM

