

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107613.D
 Acq On : 24 Jul 2018 12:23
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 7/25/2018 12:57:56 PM

Quant Time: Jul 24 12:50:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	238540	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	990155	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	460926	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	963517	20.00	ng	0.00
75) Chrysene-d12	14.16	240	740321	20.00	ng	0.00
86) Perylene-d12	15.68	264	610748	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1109091	74.76	ng	0.00
7) Phenol-d6	6.61	99	1314023	73.76	ng	0.00
23) Nitrobenzene-d5	7.54	82	1286532	87.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	480776	91.73	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2348952	88.17	ng	-0.01
78) Terphenyl-d14	13.09	244	2377431	82.21	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	224200	32.467	ng	# 82
3) Pyridine	3.60	79	614897	32.731	ng	# 85
4) n-Nitrosodimethylamine	3.57	42	263847m	33.300	ng	
6) Aniline	6.64	93	818315	35.615	ng	# 74
8) 2-Chlorophenol	6.76	128	619621	38.982	ng	94
9) Benzaldehyde	6.52	77	419886	38.714	ng	92
10) Phenol	6.62	94	736733	35.164	ng	87
11) bis(2-Chloroethyl)ether	6.70	93	671166m	38.640	ng	
12) 1,3-Dichlorobenzene	6.91	146	679689	37.715	ng	98
13) 1,4-Dichlorobenzene	6.98	146	722120	39.095	ng	99
14) 1,2-Dichlorobenzene	7.14	146	634596	38.284	ng	98
15) Benzyl Alcohol	7.11	79	491156	40.454	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1023433	34.925	ng	81
17) 2-Methylphenol	7.22	107	505655	37.429	ng	# 92
18) Hexachloroethane	7.48	117	253697	39.159	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	427934	37.184	ng	99
20) 3+4-Methylphenols	7.38	107	605967	37.774	ng	# 65
22) Acetophenone	7.38	105	848819	36.502	ng	# 86
24) Nitrobenzene	7.55	77	665383	39.596	ng	99
25) Isophorone	7.79	82	1070296	34.166	ng	97
26) 2-Nitrophenol	7.87	139	373468	52.628	ng	96
27) 2,4-Dimethylphenol	7.90	122	483710	36.010	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	732546	34.991	ng	98
29) 2,4-Dichlorophenol	8.11	162	542855	39.539	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	581873	37.734	ng	98
31) Naphthalene	8.27	128	1629539	37.425	ng	98
32) Benzoic acid	7.99	122	73185	14.420	ng	92
33) 4-Chloroaniline	8.32	127	760311	39.951	ng	96
34) Hexachlorobutadiene	8.38	225	353541	38.583	ng	98
35) Caprolactam	8.70	113	166593	37.305	ng	# 77
36) 4-Chloro-3-methylphenol	8.81	107	599789	39.328	ng	97
37) 2-Methylnaphthalene	8.97	142	1147393	38.028	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	587512	38.215	ng	97
40) Hexachlorocyclopentadiene	9.11	237	296190	37.900	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107613.D
 Acq On : 24 Jul 2018 12:23
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

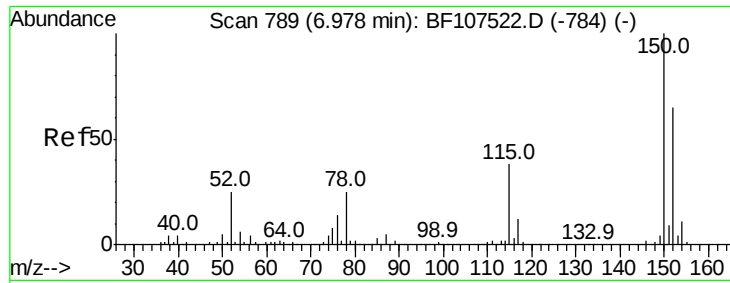
Manual Integrations
 APPROVED

Sohil
 7/25/2018 12:57:56 PM

Quant Time: Jul 24 12:50:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	386735	39.300	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	432418	42.045	nq	94
45) 1,1'-Biphenyl	9.43	154	1548573	38.568	nq	99
46) 2-Chloronaphthalene	9.46	162	1158283	37.740	nq	99
47) 2-Nitroaniline	9.56	65	421859	47.148	nq	88
48) Acenaphthylene	9.88	152	1786985	38.760	nq	98
49) Dimethylphthalate	9.73	163	1298893	37.391	nq	99
50) 2,6-Dinitrotoluene	9.80	165	307224	44.545	nq	93
51) Acenaphthene	10.05	154	1040910	36.034	nq	98
52) 3-Nitroaniline	9.98	138	373990	44.573	nq	96
53) 2,4-Dinitrophenol	10.08	184	126069	49.261	nq #	25
54) Dibenzofuran	10.22	168	1644283	38.664	nq	98
55) 4-Nitrophenol	10.15	139	243848	38.817	nq	96
56) 2,4-Dinitrotoluene	10.20	165	397385	47.732	nq	96
57) Fluorene	10.57	166	1236398	40.752	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.34	232	372493	43.518	nq #	86
59) Diethylphthalate	10.42	149	1387629	38.248	nq	97
60) 4-Chlorophenyl-phenylether	10.55	204	664008	38.714	nq	96
61) 4-Nitroaniline	10.60	138	356102	50.515	nq	95
62) Azobenzene	10.71	77	1272946	37.418	nq	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	174463	39.405	nq	93
65) n-Nitrosodiphenylamine	10.67	169	1190758	36.389	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	417593	36.818	nq #	90
67) Hexachlorobenzene	11.11	284	465572	37.306	nq #	83
68) Atrazine	11.20	200	373419	37.375	nq	96
69) Pentachlorophenol	11.31	266	348946	44.764	nq	99
70) Phenanthrene	11.53	178	1720425	36.642	nq	98
71) Anthracene	11.58	178	1837205	38.863	nq	97
72) Carbazole	11.74	167	1910345	38.860	nq	98
73) Di-n-butylphthalate	12.05	149	2079587	39.709	nq	97
74) Fluoranthene	12.72	202	1881904	37.352	nq	97
76) Benzidine	12.85	184	980001	45.966	nq	99
77) Pyrene	12.95	202	1941070	38.332	nq	98
79) Butylbenzylphthalate	13.56	149	914439	41.990	nq	88
80) Benzo(a)anthracene	14.15	228	1595302	36.772	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	612276	48.781	nq #	98
82) Chrysene	14.18	228	1532162	36.765	nq	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1002273	32.618	nq	99
84) Di-n-octyl phthalate	14.72	149	1673390	35.036	nq	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	1347346	38.146	nq #	93
87) Benzo(b)fluoranthene	15.23	252	1187444	35.525	nq	97
88) Benzo(k)fluoranthene	15.26	252	1284291	39.218	nq	98
89) Benzo(a)pyrene	15.62	252	1152154	37.682	nq	97
90) Dibenzo(a,h)anthracene	17.28	278	1119605	42.361	nq #	95
91) Benzo(g,h,i)perylene	17.75	276	1138026	43.652	nq #	92

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



#1

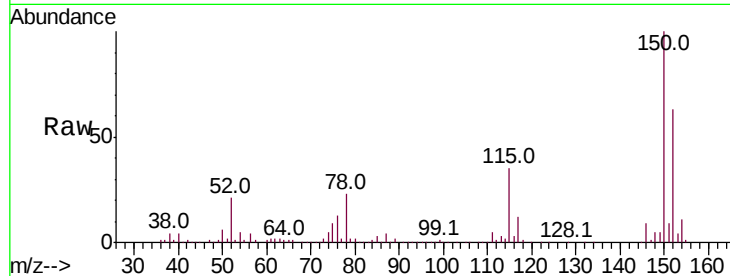
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

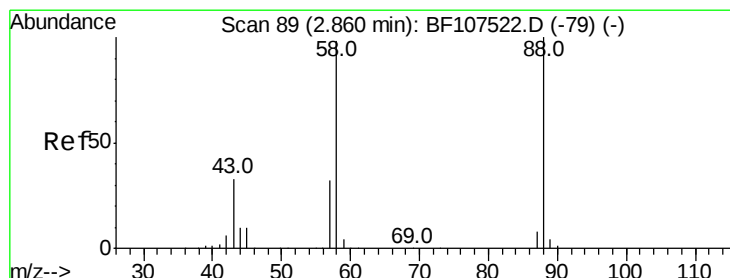
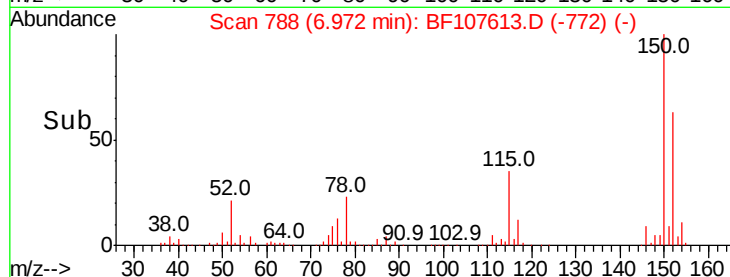
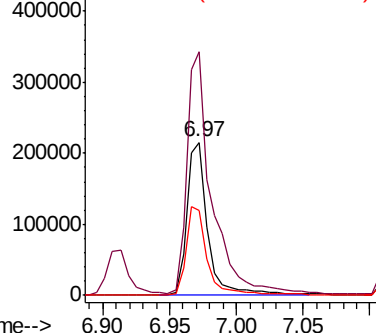
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	55.8	50.1	75.1

Manual Integrations
APPROVED

Sohil
7/25/2018 12:57:56 PM



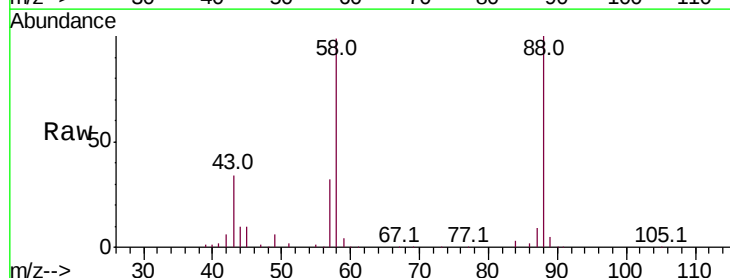
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



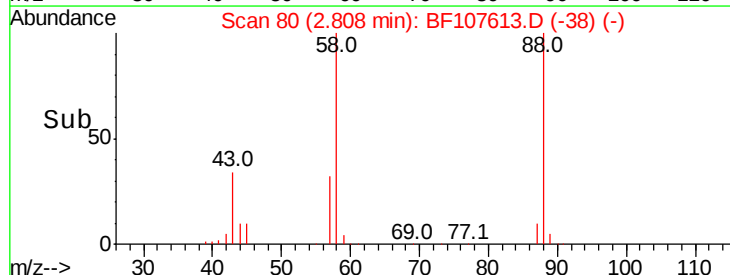
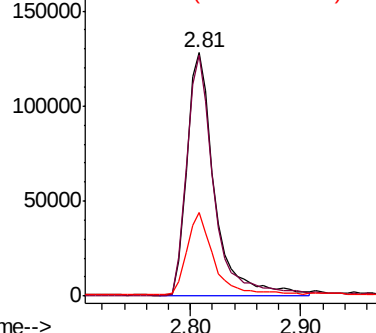
#2

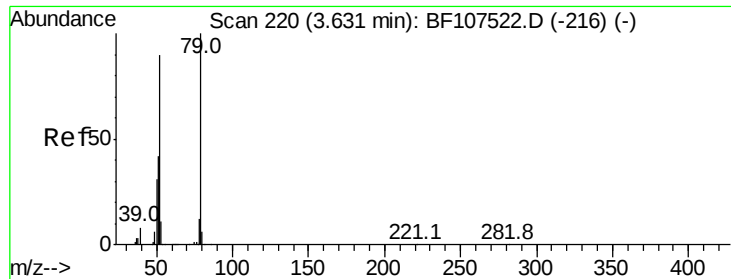
1,4-Dioxane
Concen: 32.467 ng
RT: 2.81 min Scan# 80
Delta R.T. -0.05 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.1	62.6	93.8#
43	32.6	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.731 ng

RT: 3.60 min Scan# 215

Delta R.T. -0.03 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Instrument :

BNA_F

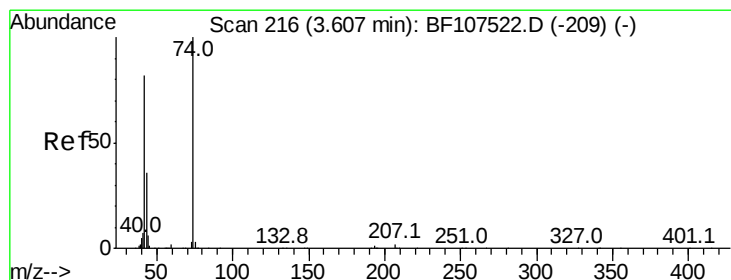
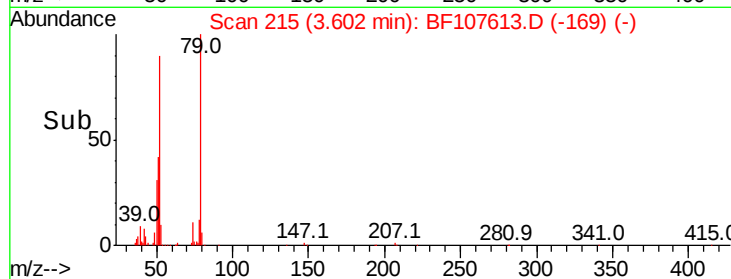
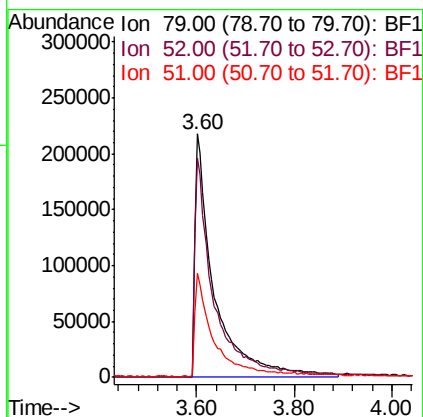
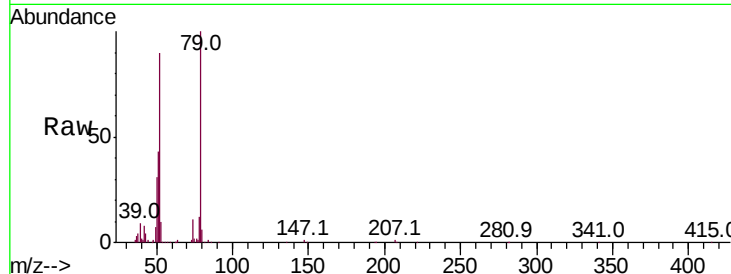
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	614897
Ion Ratio	Lower	Upper	
79	100		
52	90.1	59.8	89.6#
51	42.7	29.8	44.8

Manual Integrations
APPROVED

Sohil
7/25/2018 12:57:56 PM



#4

n-Nitrosodimethylamine

Concen: 33.300 ng m

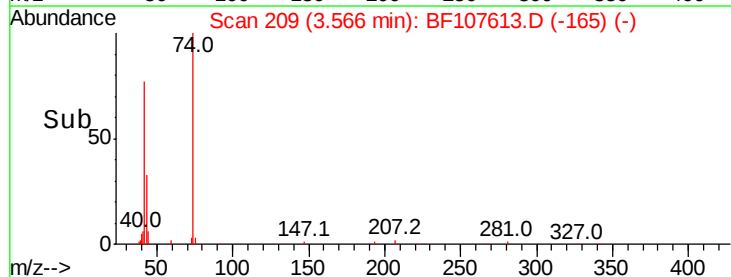
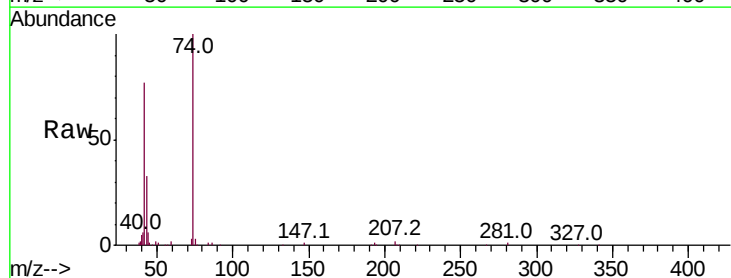
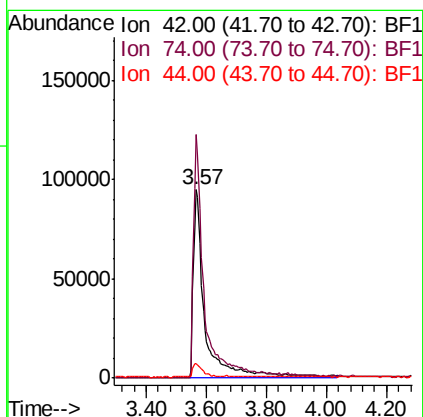
RT: 3.57 min Scan# 209

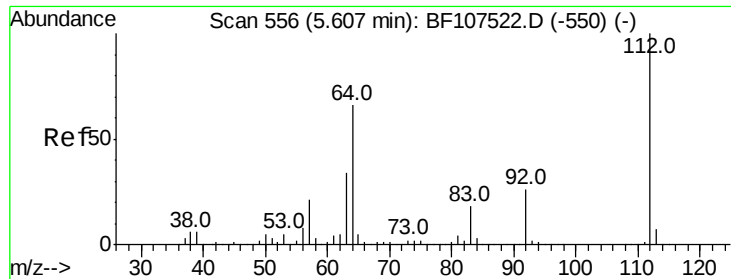
Delta R.T. -0.04 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Tgt Ion:	42	Resp:	263847
Ion Ratio	Lower	Upper	
42	100		
74	129.5	104.9	157.3
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 74.755 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1109091

Ion Ratio Lower Upper

112 100

64 64.9 47.9 71.9

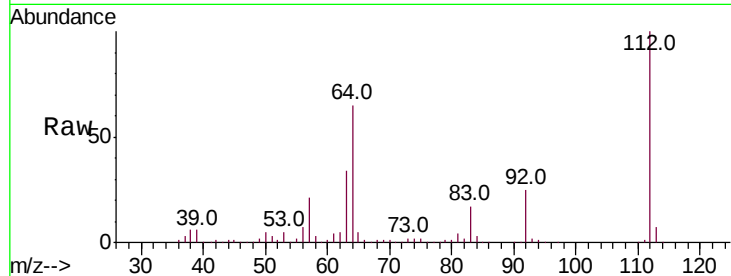
63 33.5 23.7 35.5

Manual Integrations

APPROVED

Sohil

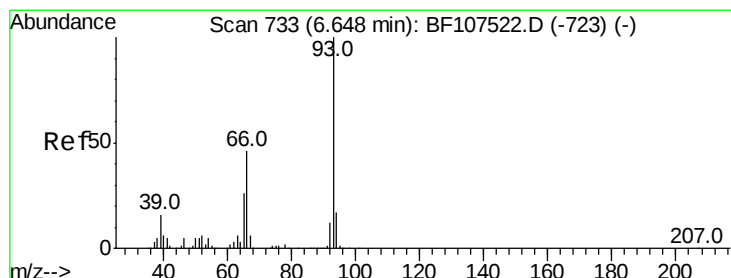
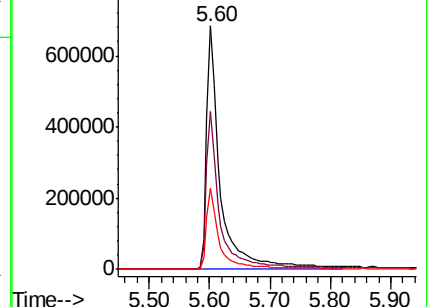
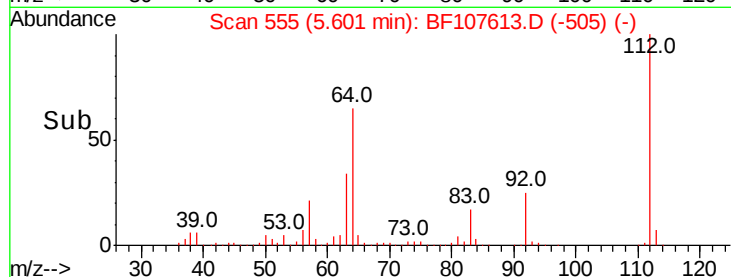
7/25/2018 12:57:56 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.615 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

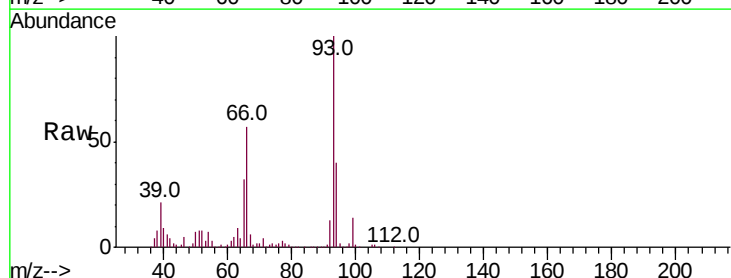
Tgt Ion: 93 Resp: 818315

Ion Ratio Lower Upper

93 100

66 57.2 32.2 48.2#

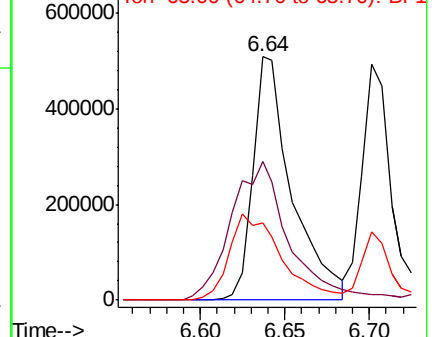
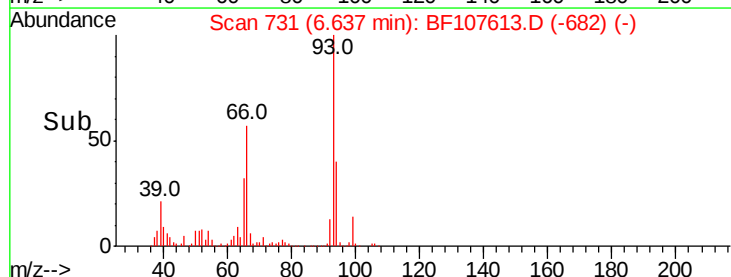
65 31.5 16.4 24.6#

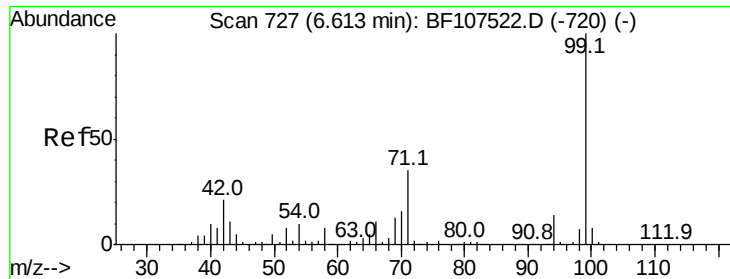


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.761 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1314023

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

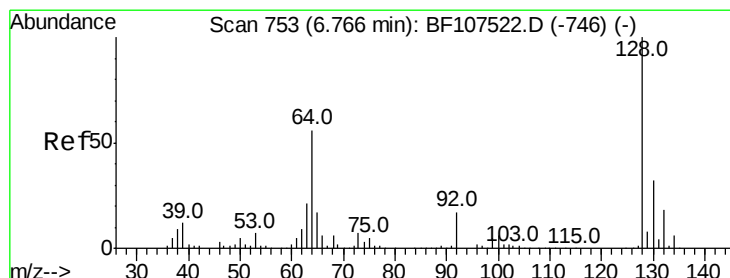
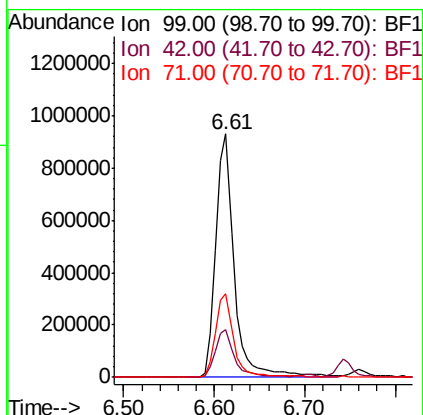
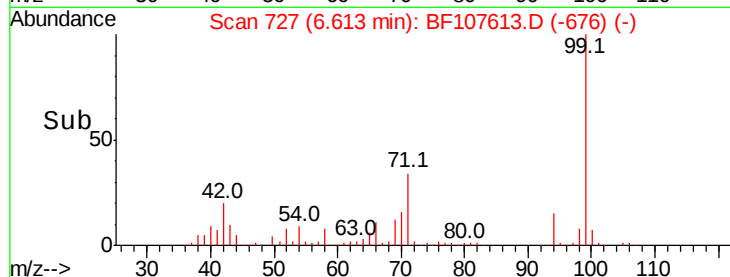
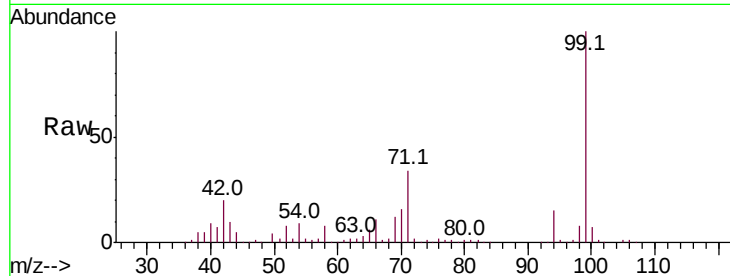
71 34.4 25.4 38.0

Manual Integrations

APPROVED

Sohil

7/25/2018 12:57:56 PM



#8

2-Chlorophenol

Concen: 38.982 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

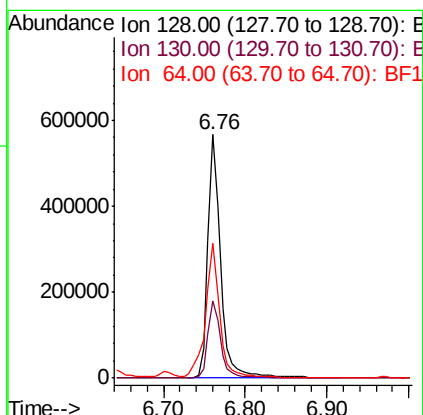
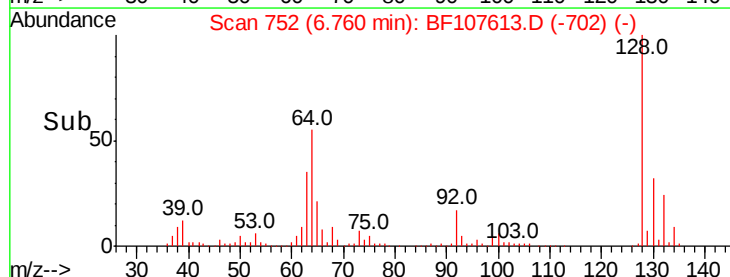
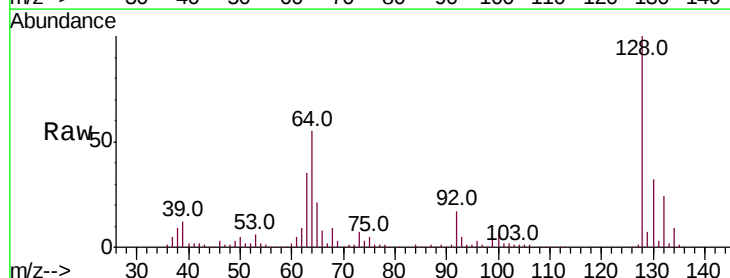
Tgt Ion: 128 Resp: 619621

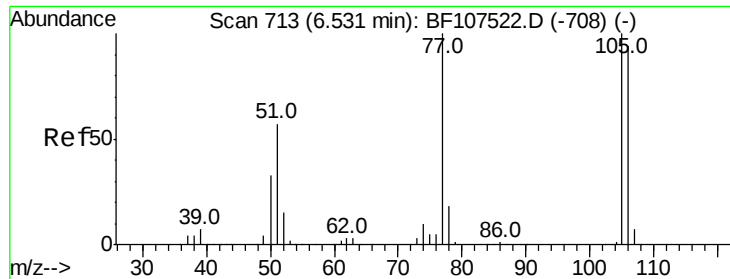
Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 55.4 29.4 69.4





#9

Benzaldehyde

Concen: 38.714 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Instrument :

BNA_F

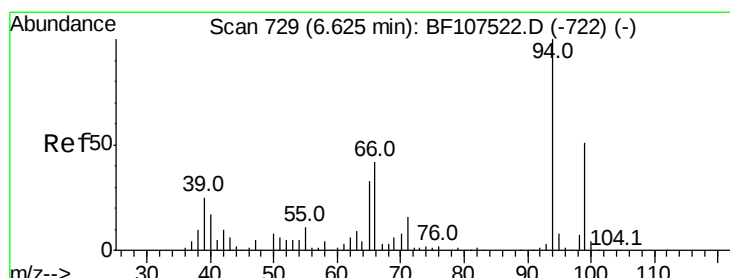
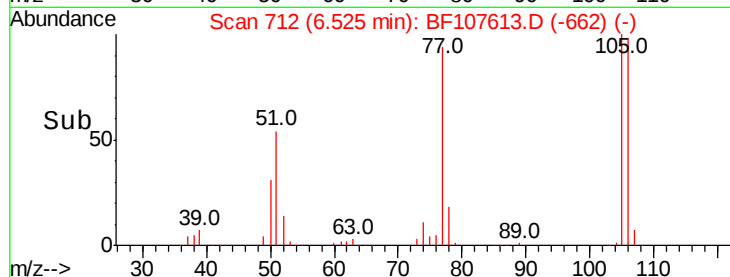
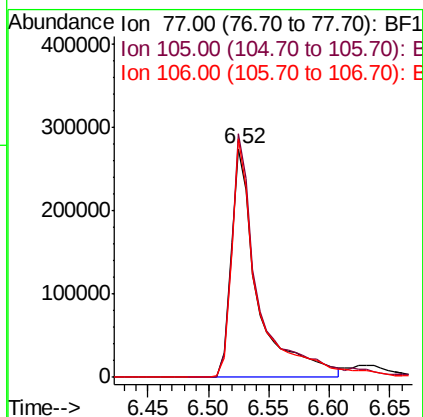
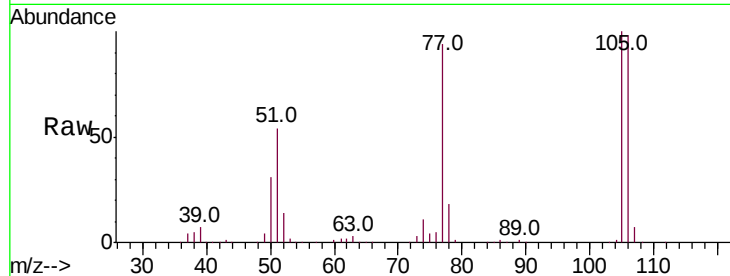
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	419886
Ion	Ratio	Lower	Upper
77	100		
105	106.5	81.1	121.1
106	104.1	74.5	114.5

Manual Integrations
APPROVED

Sohil
7/25/2018 12:57:56 PM



#10

Phenol

Concen: 35.164 ng

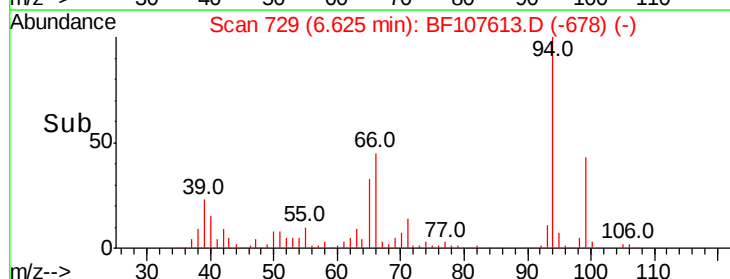
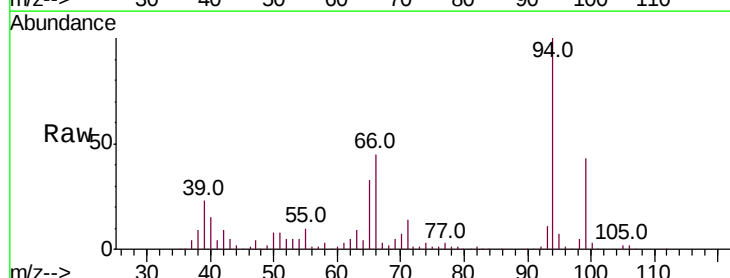
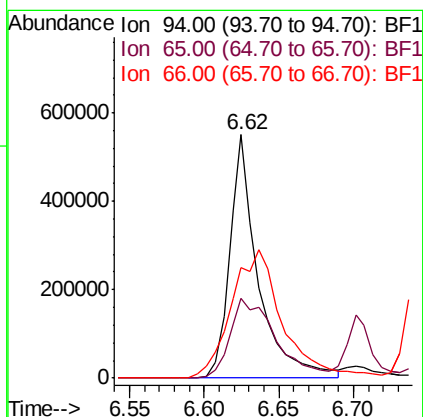
RT: 6.62 min Scan# 729

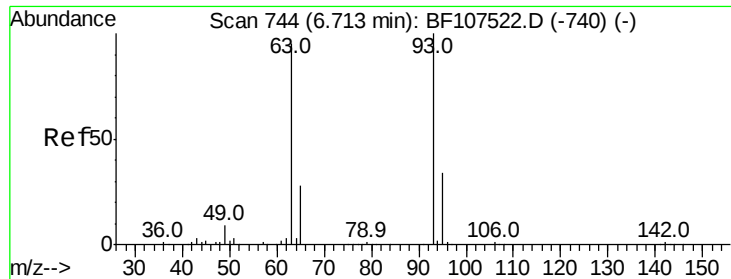
Delta R.T. 0.00 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Tgt Ion:	94	Resp:	736733
Ion	Ratio	Lower	Upper
94	100		
65	32.6	7.9	47.9
66	45.3	16.2	56.2





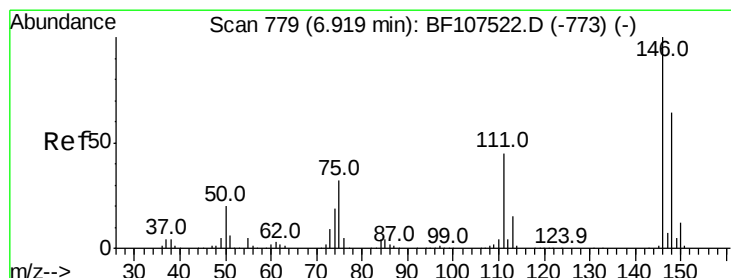
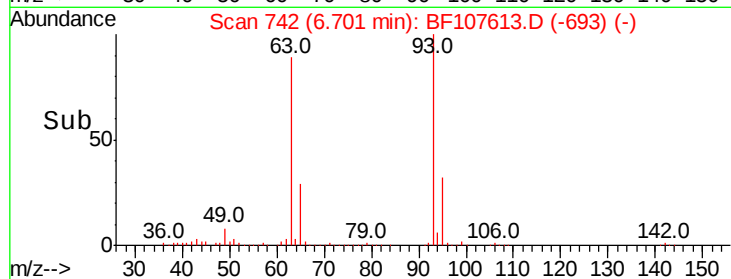
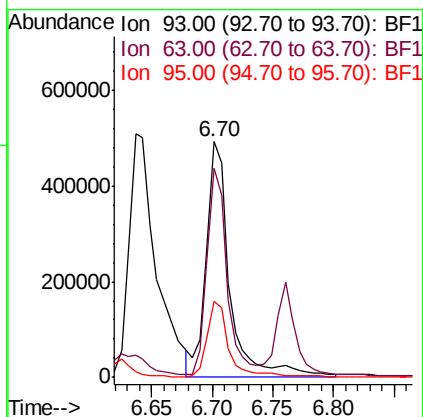
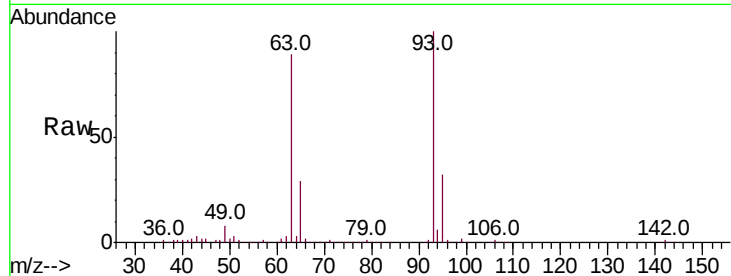
#11
bis(2-Chloroethyl)ether
Concen: 38.640 ng/ml
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.7	58.6	98.6
95	32.0	11.8	51.8

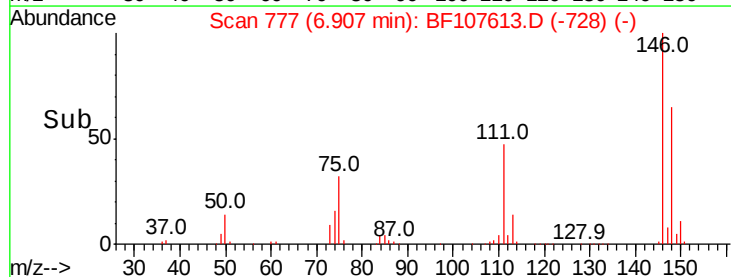
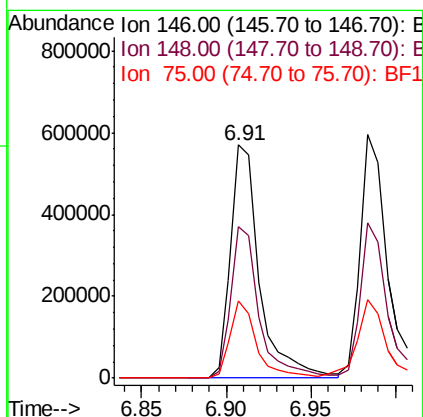
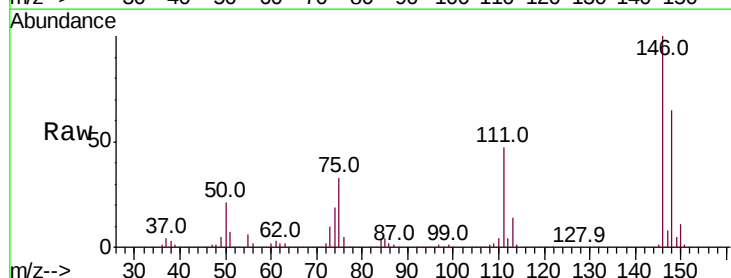
Manual Integrations
APPROVED

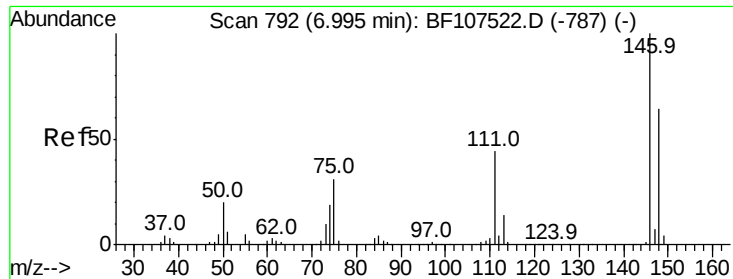
Sohil
7/25/2018 12:57:56 PM



#12
1,3-Dichlorobenzene
Concen: 37.715 ng/ml
RT: 6.91 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	33.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.095 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Instrument :

BNA_F

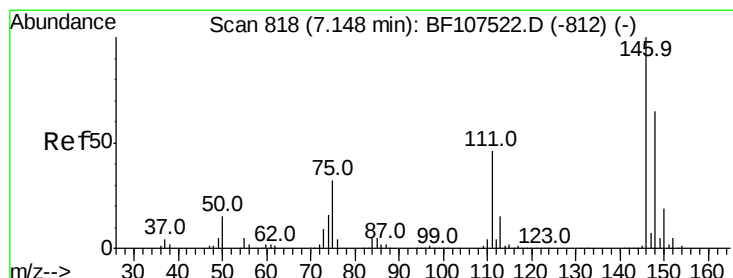
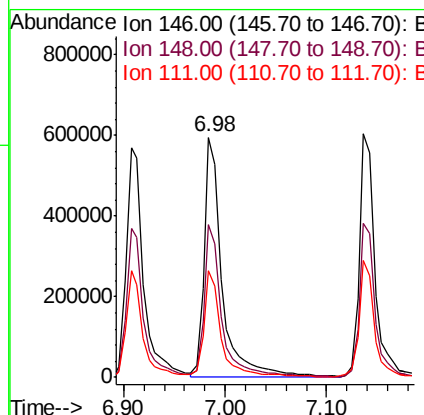
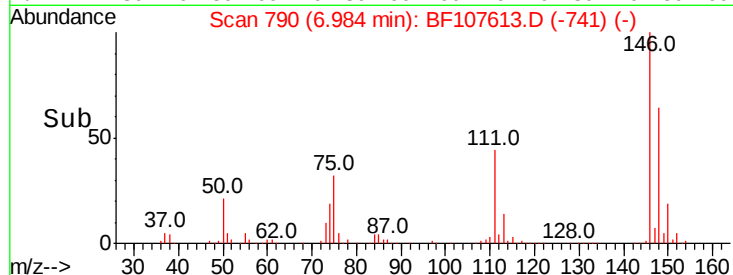
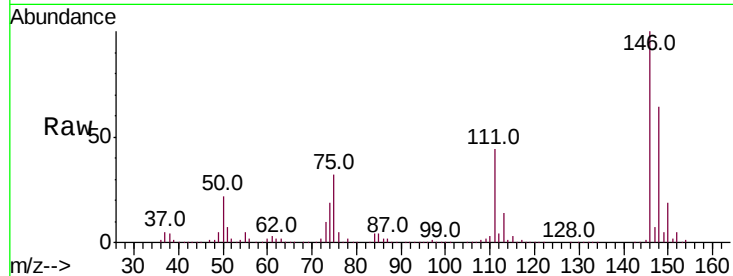
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	722120
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	44.2	34.2	51.2

Manual Integrations
APPROVED

Sohil
7/25/2018 12:57:56 PM



#14

1,2-Dichlorobenzene

Concen: 38.284 ng

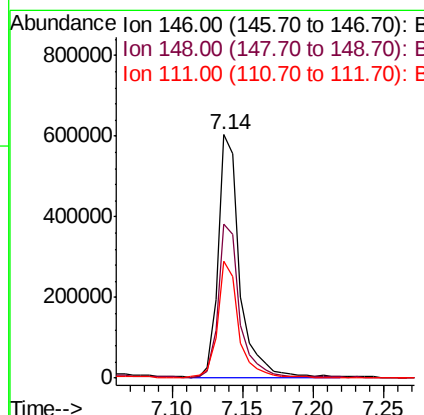
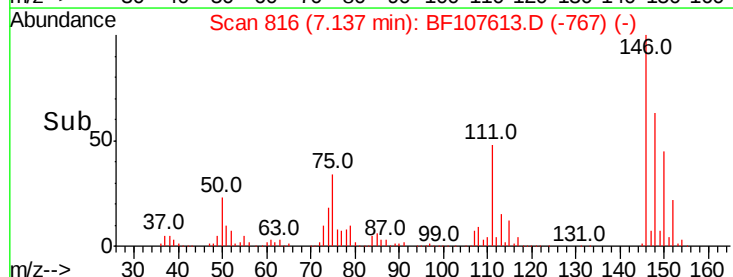
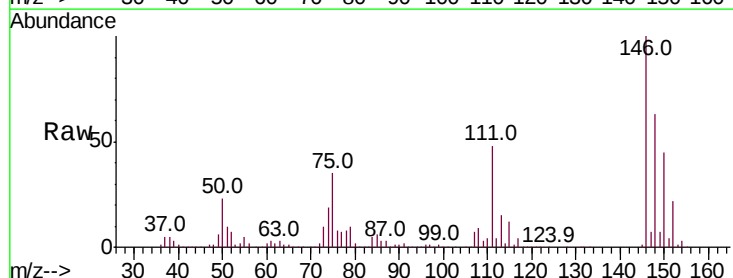
RT: 7.14 min Scan# 816

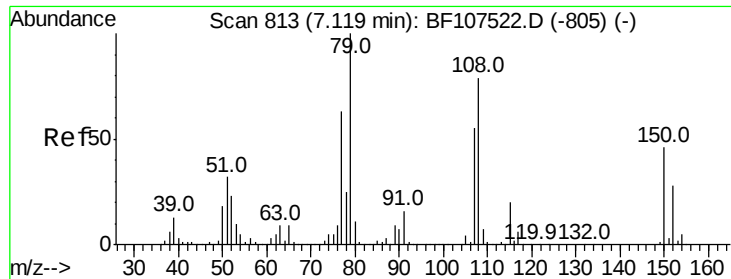
Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Tgt Ion:	146	Resp:	634596
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.6	75.8
111	48.1	36.0	54.0





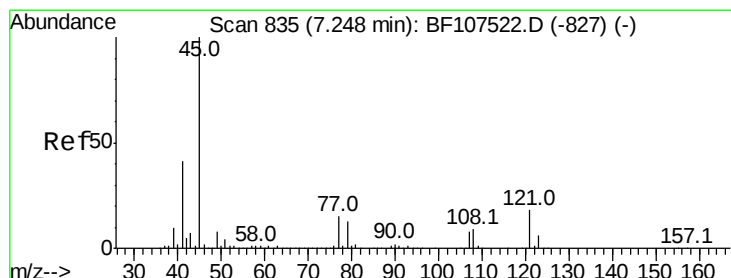
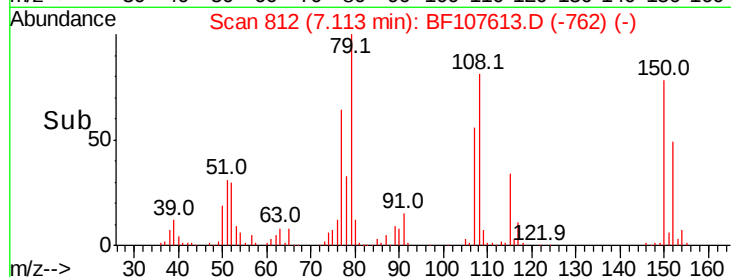
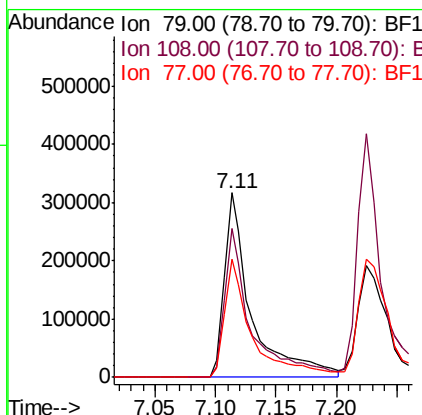
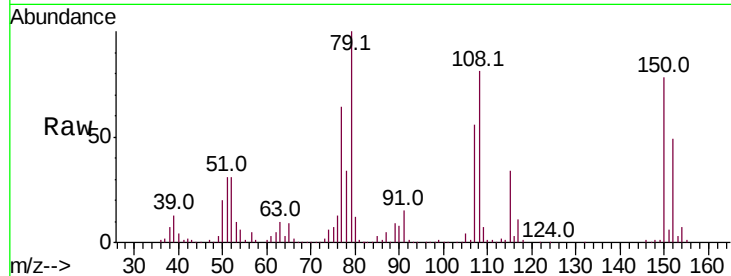
#15
Benzyl Alcohol
Concen: 40.454 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	81.1	65.1	97.7	
77	64.3	50.6	75.8	

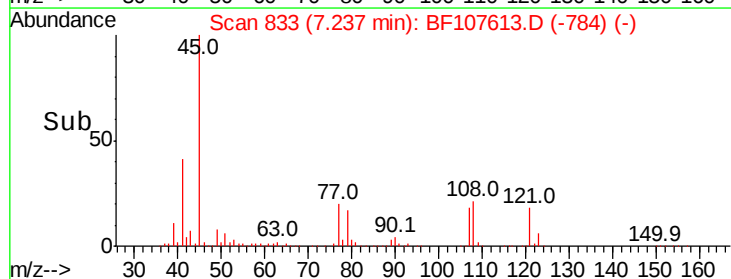
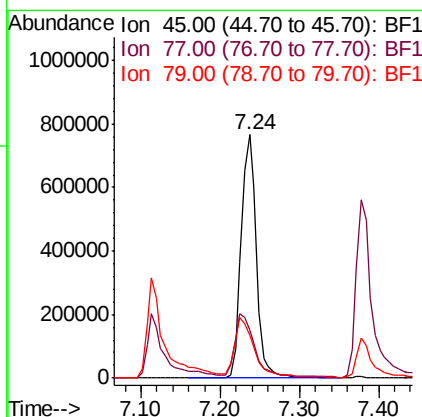
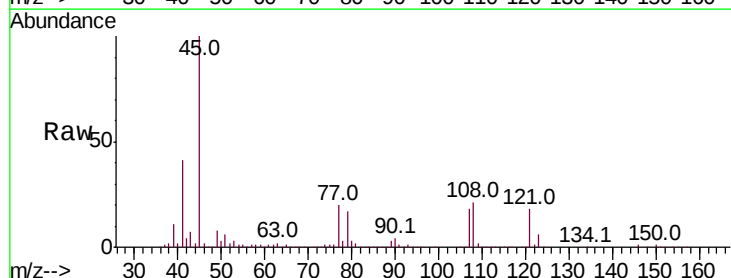
Manual Integrations
APPROVED

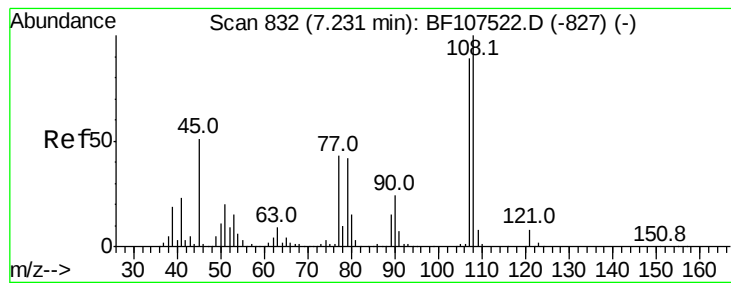
Sohil
7/25/2018 12:57:56 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.925 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	19.7	0.0	32.9	
79	17.3	0.0	29.6	





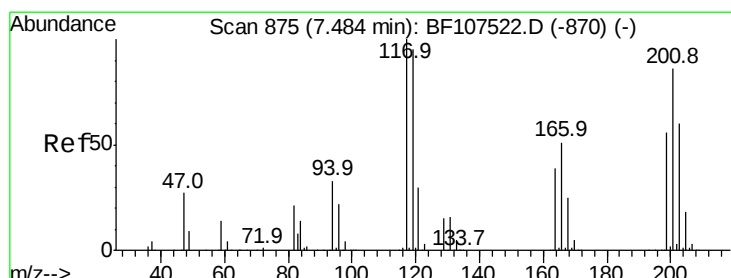
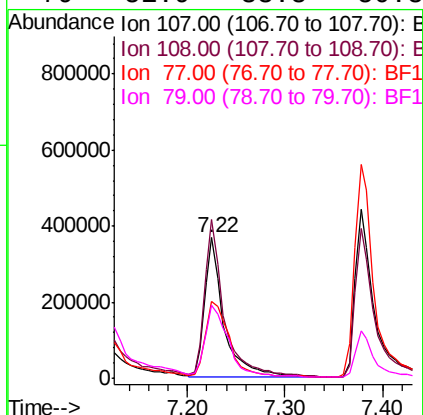
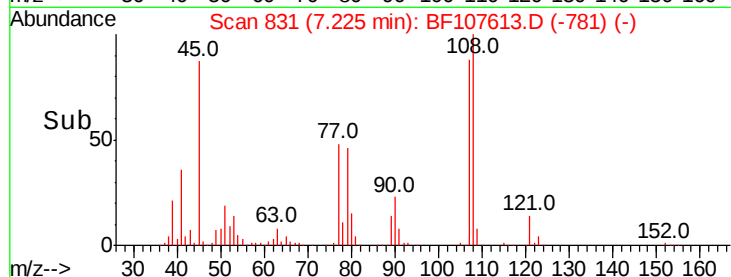
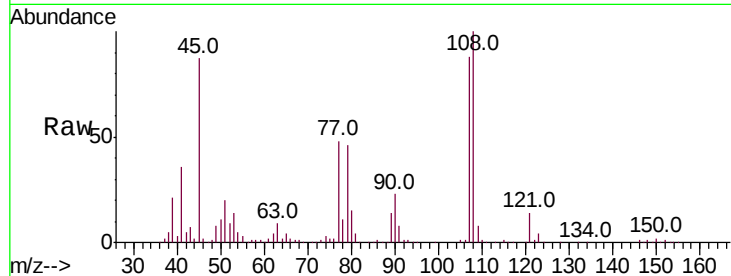
#17
2-Methylphenol
Concen: 37.429 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	113.3	91.7	137.5
77	54.9	33.8	50.8#
79	51.9	33.8	50.8#

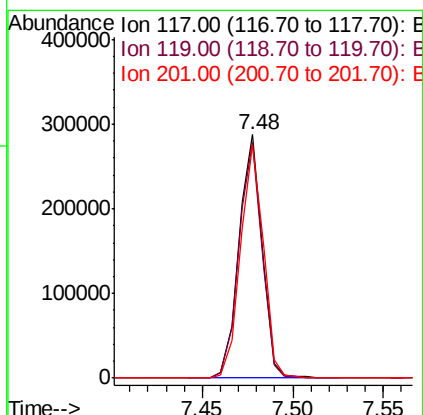
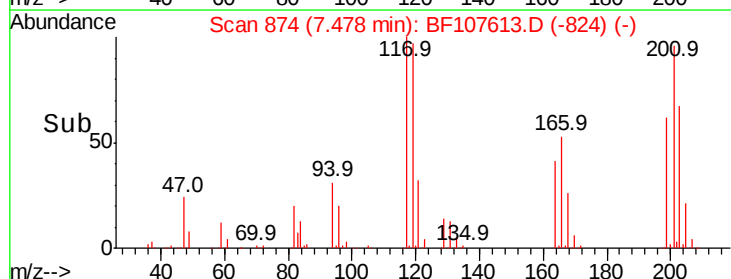
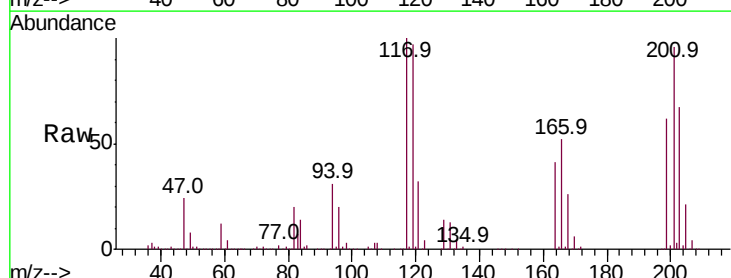
Manual Integrations
APPROVED

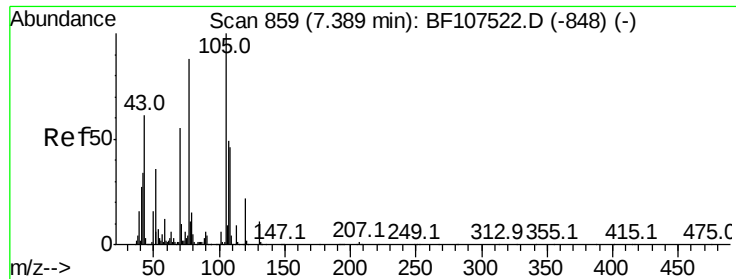
Sohil
7/25/2018 12:57:56 PM



#18
Hexachloroethane
Concen: 39.159 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	97.0	75.8	113.8
201	95.9	75.7	113.5





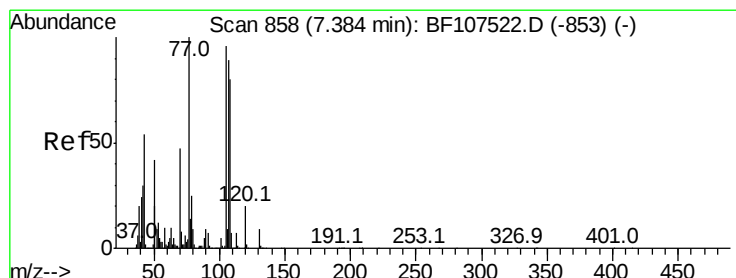
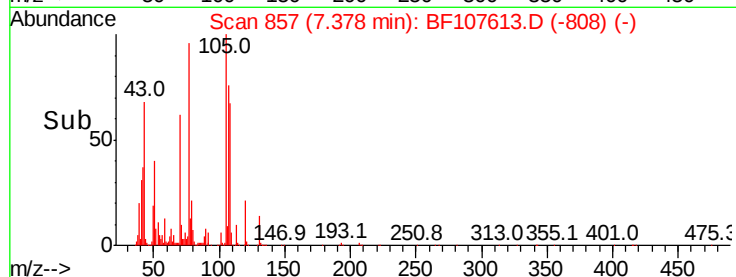
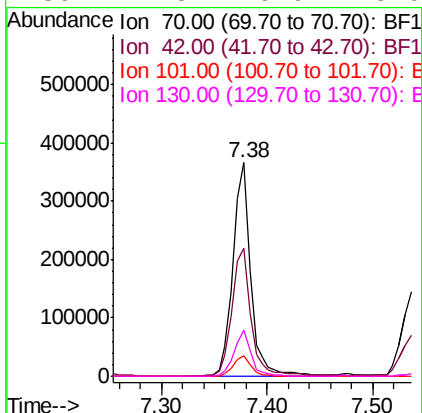
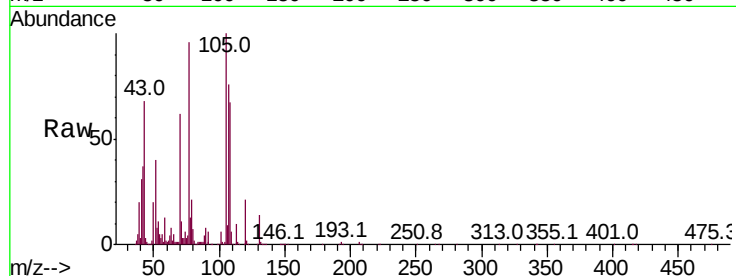
#19
n-Nitroso-di-n-propylamine
Concen: 37.184 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.5	71.3
101	9.7	7.4	11.2
130	21.8	16.6	25.0

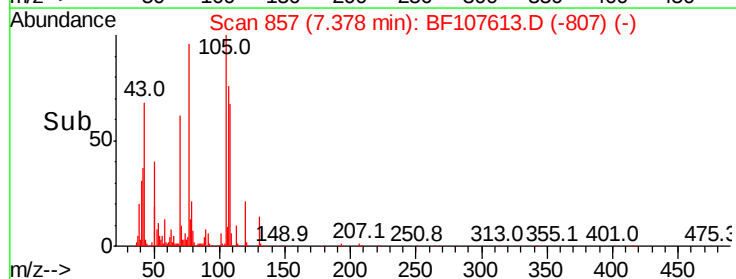
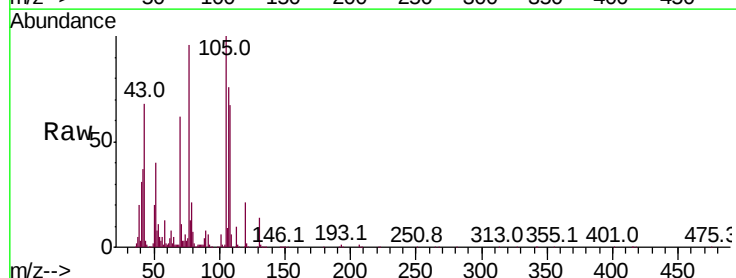
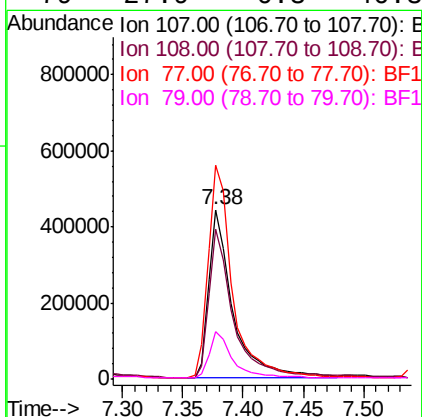
Manual Integrations
APPROVED

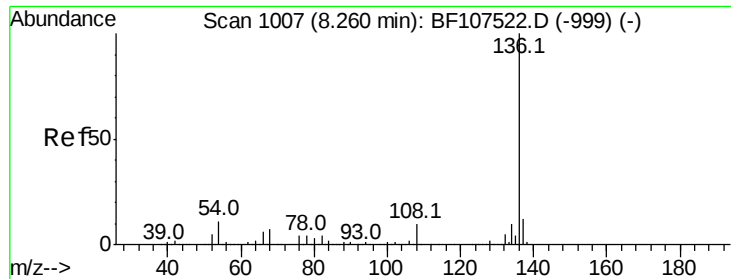
Sohil
7/25/2018 12:57:56 PM



#20
3+4-Methylphenols
Concen: 37.774 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.2	108.2
77	126.1	26.7	66.7#
79	27.9	6.3	46.3





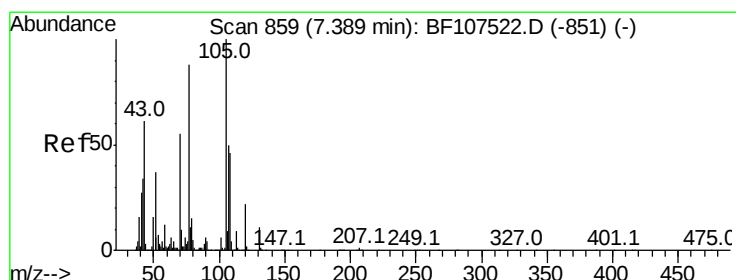
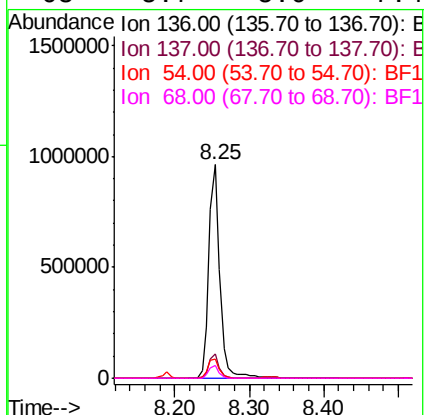
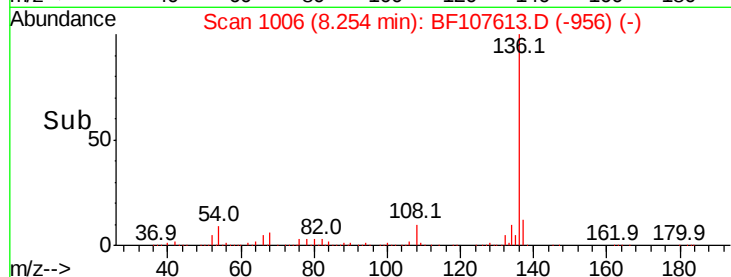
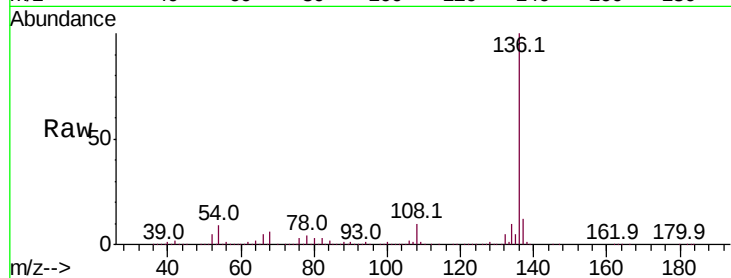
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.9	13.3	
54	9.2	6.6	9.8	
68	5.7	5.0	7.4	

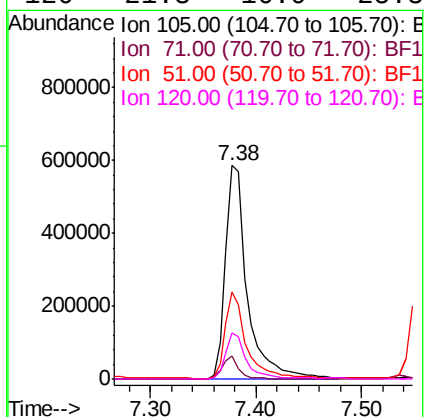
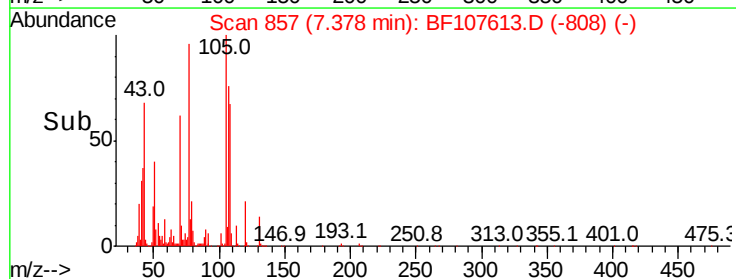
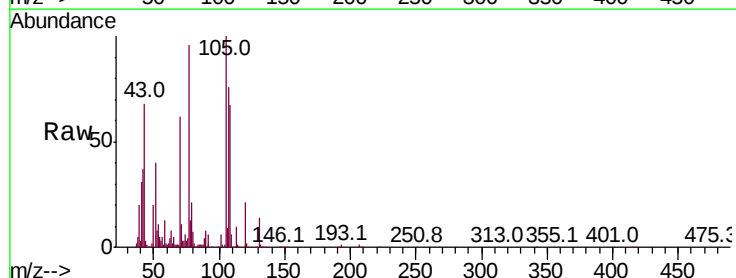
Manual Integrations
APPROVED

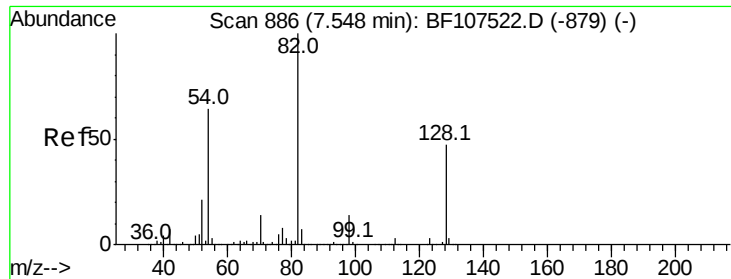
Sohil
7/25/2018 12:57:56 PM



#22
Acetophenone
Concen: 36.502 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	10.5	4.4	6.6#	
51	40.5	22.3	33.5#	
120	21.3	16.9	25.3	





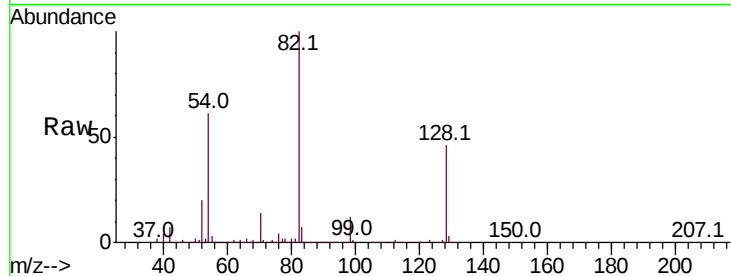
#23
Nitrobenzene-d5
Concen: 87.688 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

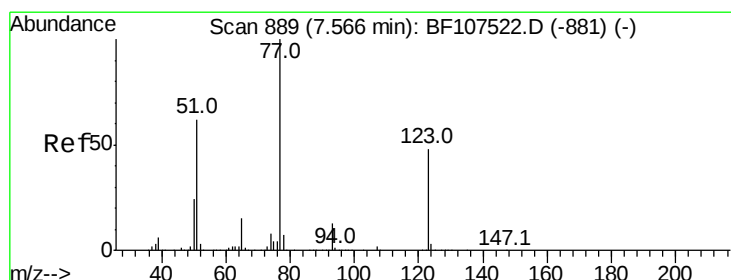
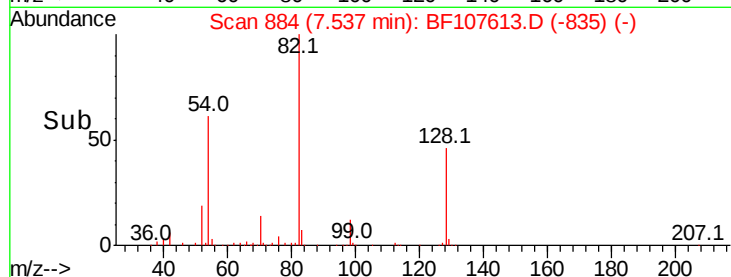
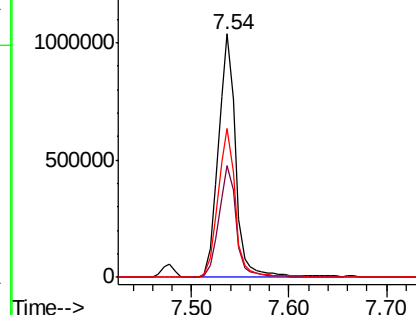
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	61.4	41.4	62.2

Manual Integrations
APPROVED

Sohil
7/25/2018 12:57:56 PM



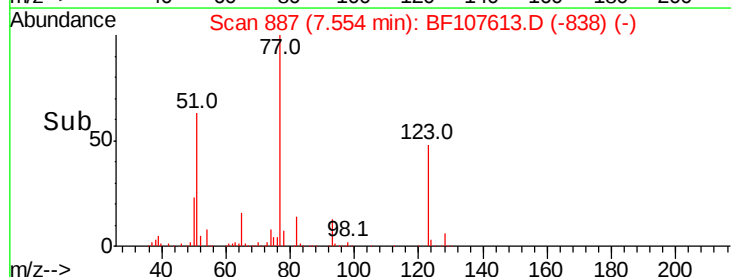
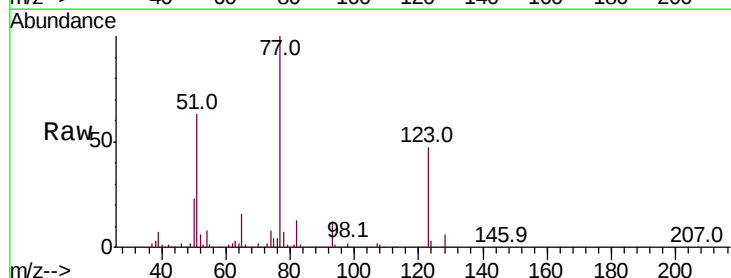
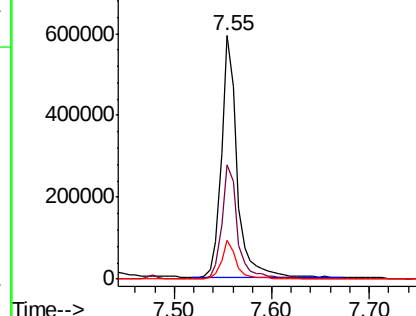
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

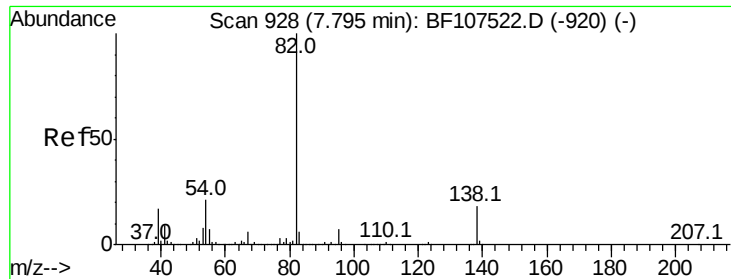


#24
Nitrobenzene
Concen: 39.596 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	37.9	56.9
65	15.8	11.0	16.4

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





#25

Isophorone

Concen: 34.166 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1070296

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

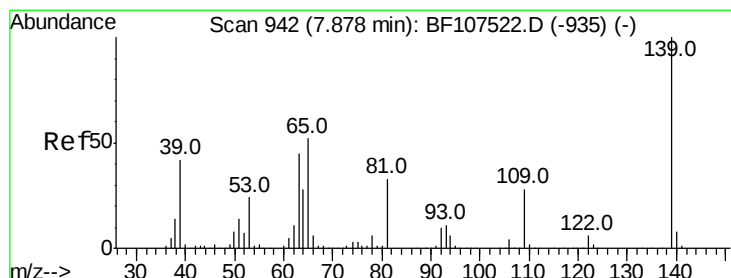
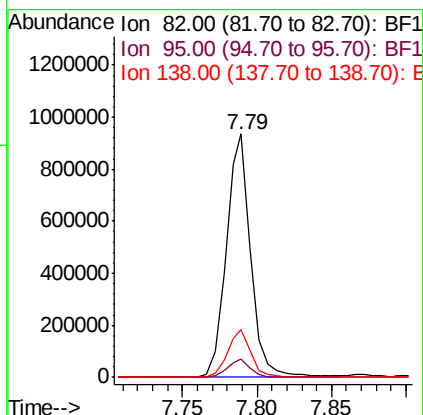
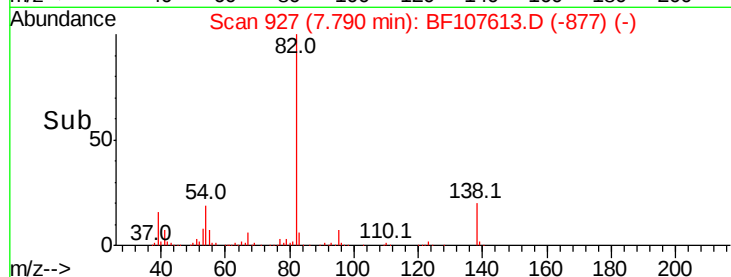
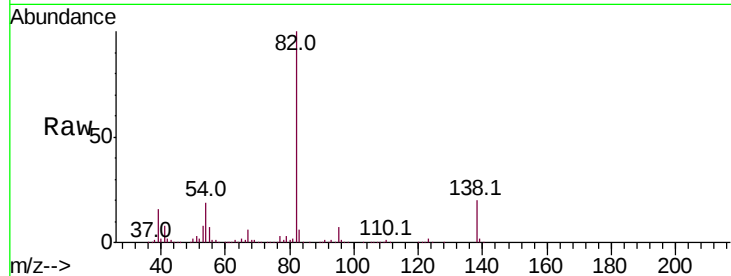
138 19.9 14.9 22.3

Manual Integrations

APPROVED

Sohil

7/25/2018 12:57:56 PM



#26

2-Nitrophenol

Concen: 52.628 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

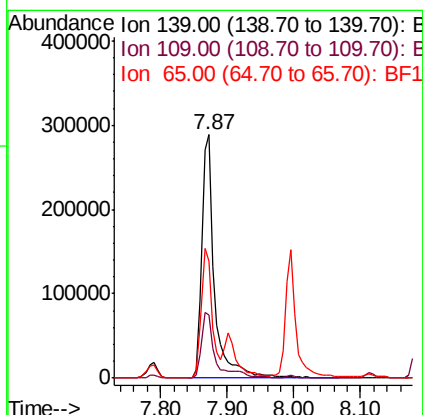
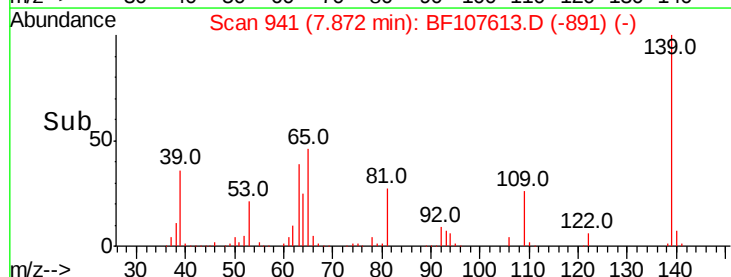
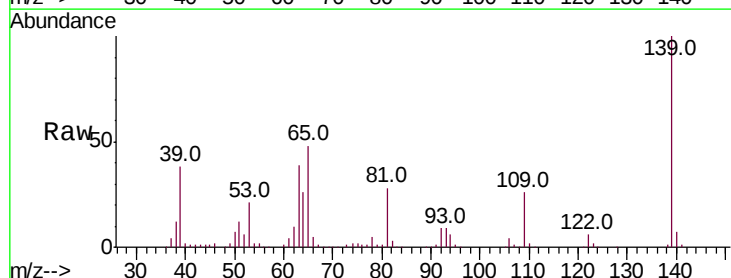
Tgt Ion: 139 Resp: 373468

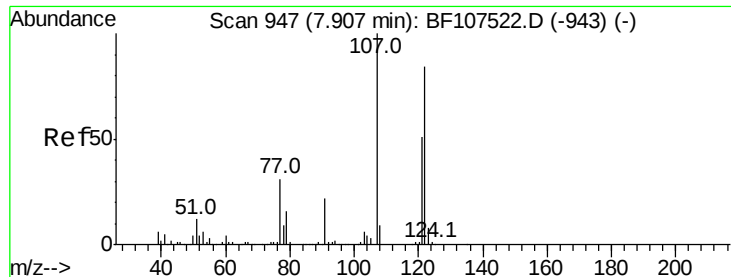
Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

65 47.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.010 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Instrument :

BNA_F

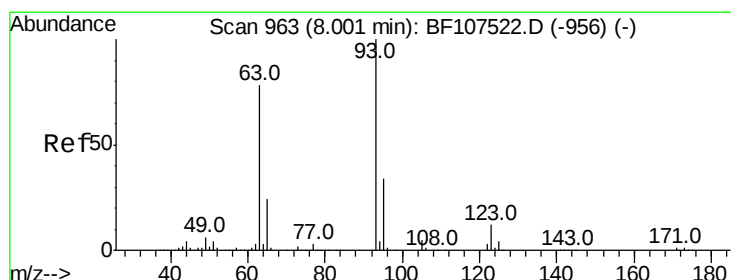
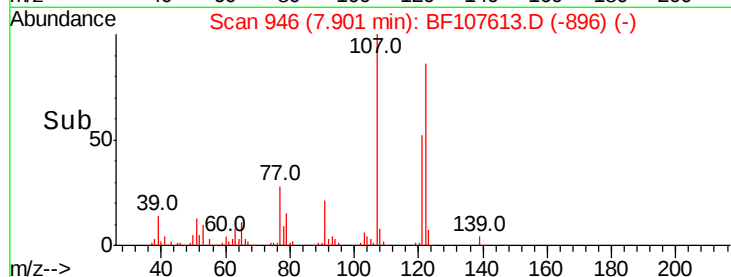
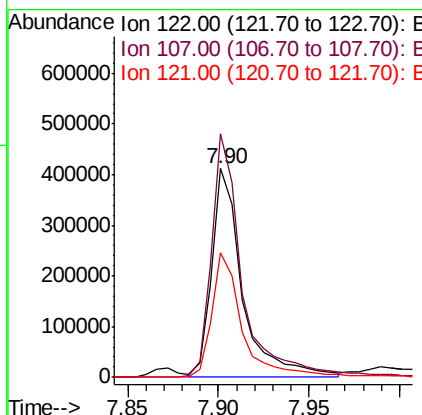
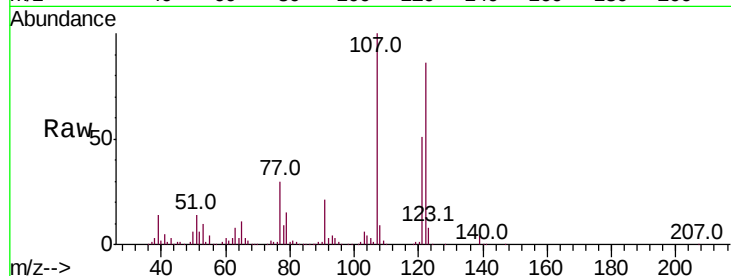
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	483710
Ion	Ratio	Lower	Upper
122	100		
107	116.7	91.2	136.8
121	60.0	47.2	70.8

Manual Integrations
APPROVED

Sohil
7/25/2018 12:57:56 PM



#28

bis(2-Chloroethoxy)methane

Concen: 34.991 ng

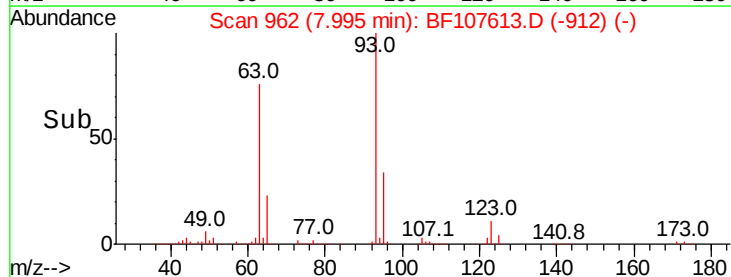
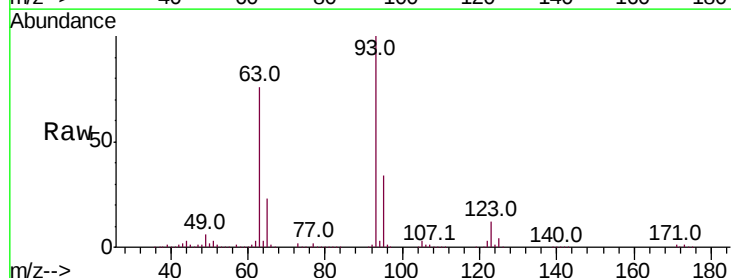
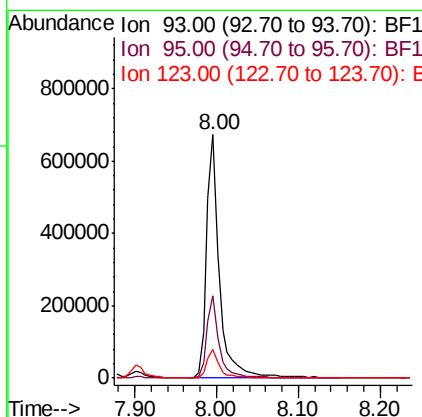
RT: 8.00 min Scan# 962

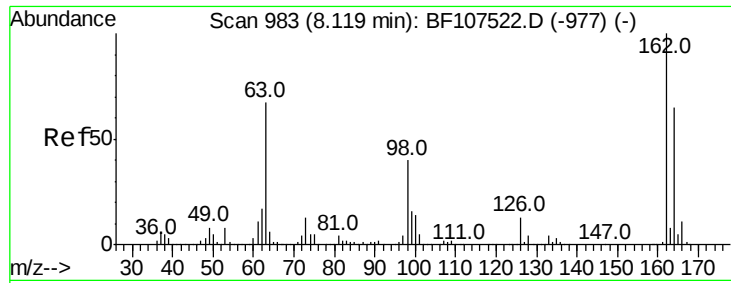
Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Tgt Ion:	93	Resp:	732546
Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.3	39.5
123	11.5	9.8	14.6





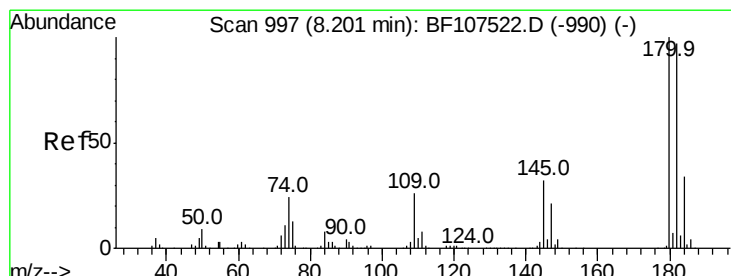
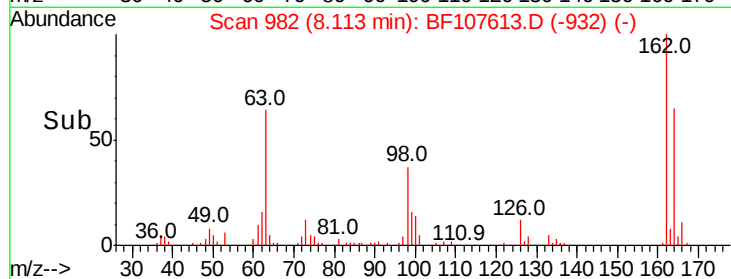
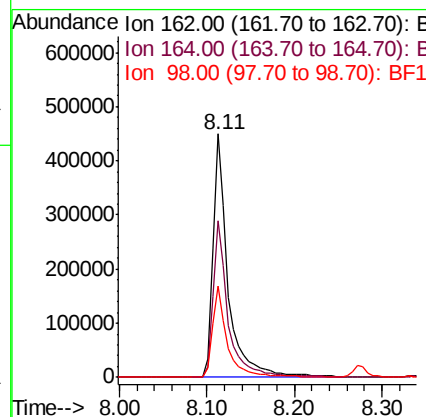
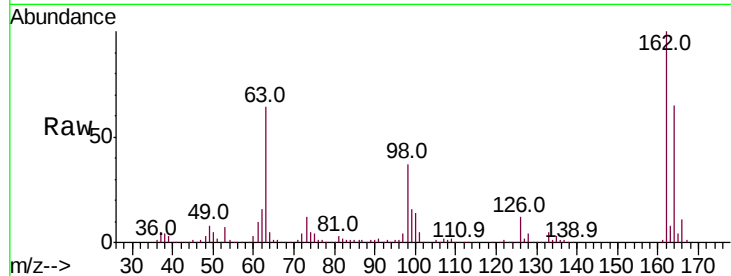
#29
2,4-Dichlorophenol
Concen: 39.539 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	542855		
164	64.5	42.7	82.7	
98	37.5	18.1	58.1	

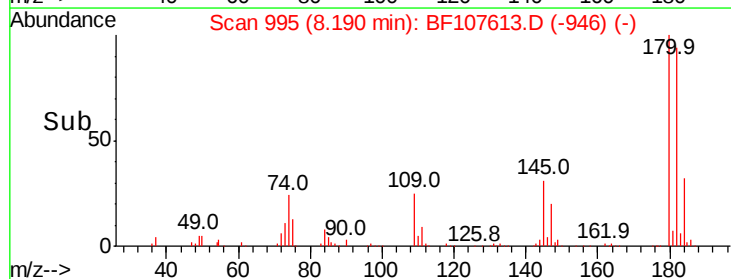
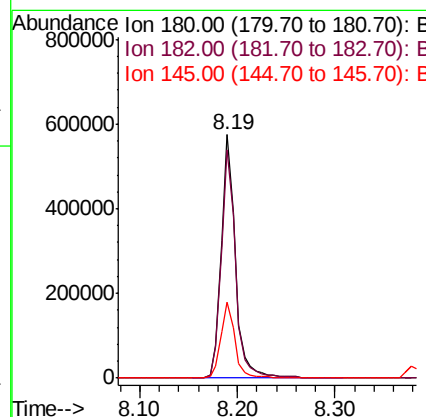
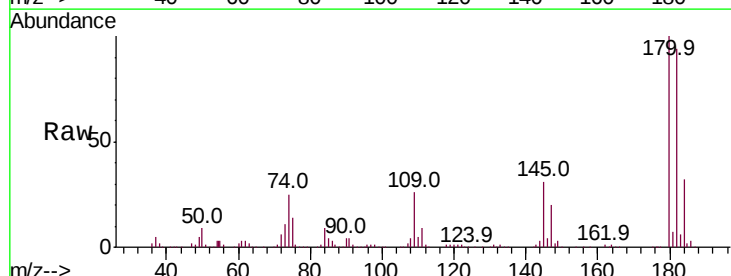
Manual Integrations
APPROVED

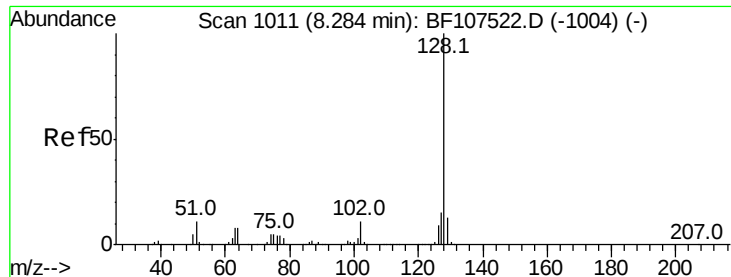
Sohil
7/25/2018 12:57:56 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.734 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	581873		
182	93.9	76.8	115.2	
145	31.4	26.5	39.7	





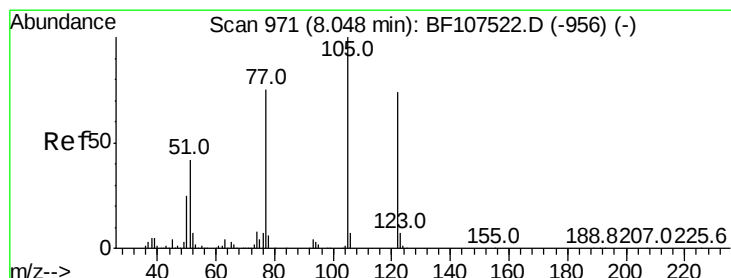
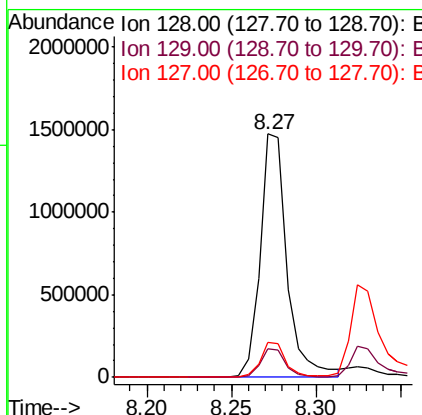
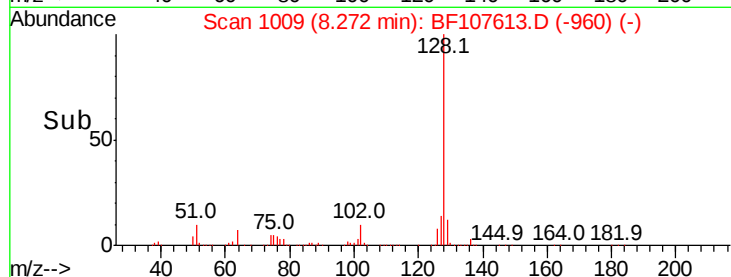
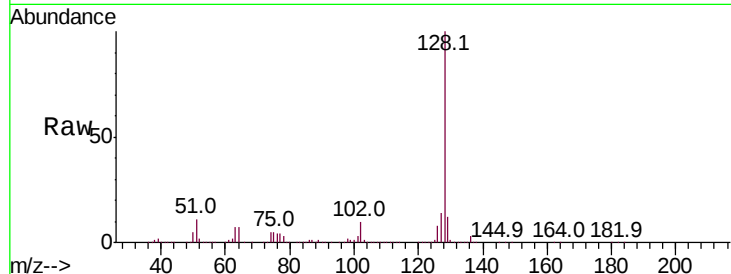
#31
Naphthalene
Concen: 37.425 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1629539
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.1 10.9 16.3

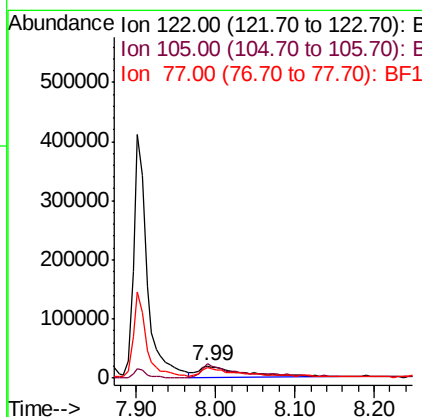
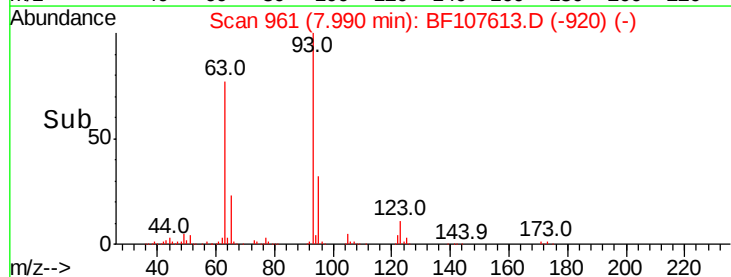
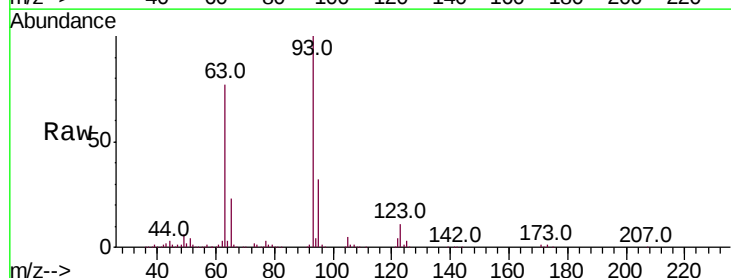
Manual Integrations
APPROVED

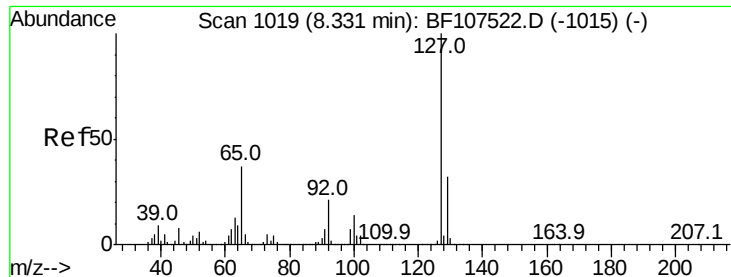
Sohil
7/25/2018 12:57:56 PM



#32
Benzoic acid
Concen: 14.420 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.06 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion:122 Resp: 73185
Ion Ratio Lower Upper
122 100
105 112.4 101.1 141.1
77 81.9 70.7 110.7





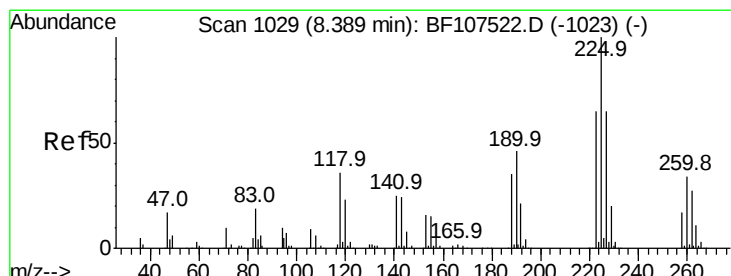
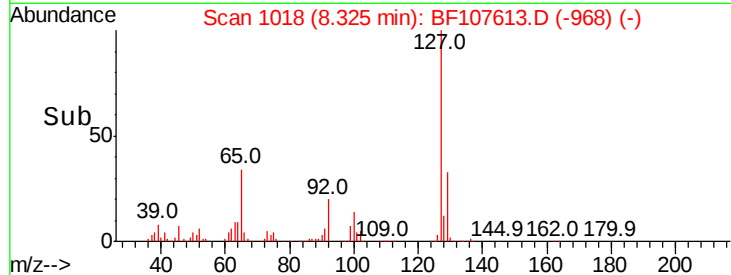
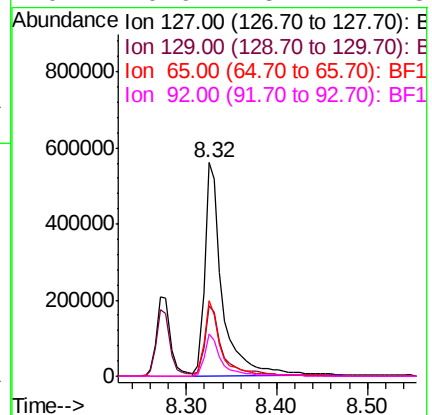
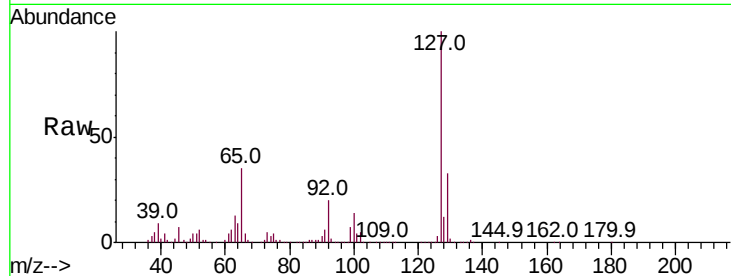
#33
4-Chloroaniline
Concen: 39.951 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.1	25.9	38.9
65	35.2	25.0	37.4
92	19.9	15.2	22.8

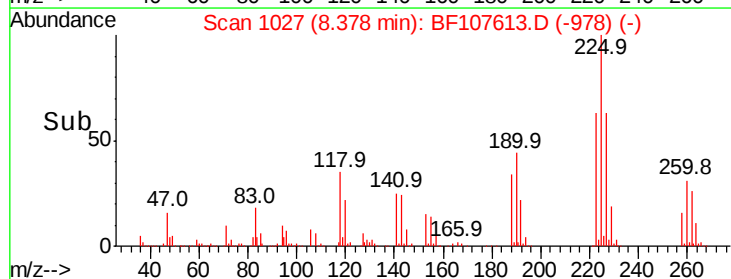
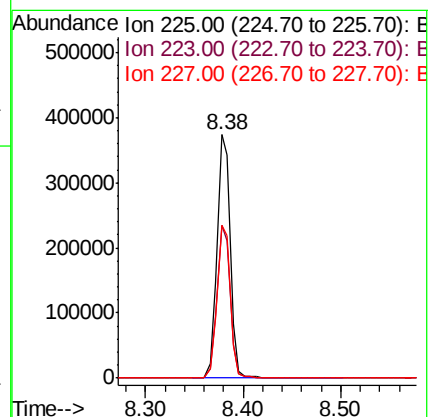
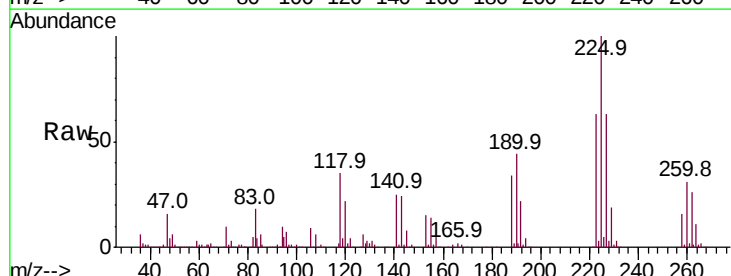
Manual Integrations
APPROVED

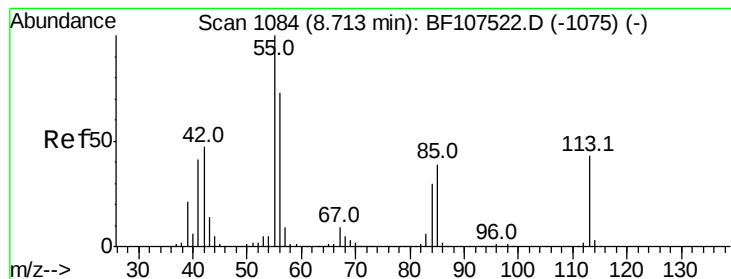
Sohil
7/25/2018 12:57:56 PM



#34
Hexachlorobutadiene
Concen: 38.583 ng
RT: 8.38 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.0	50.6	76.0
227	62.6	51.9	77.9





#35

Caprolactam

Concen: 37.305 ng

RT: 8.70 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Instrument :

BNA_F

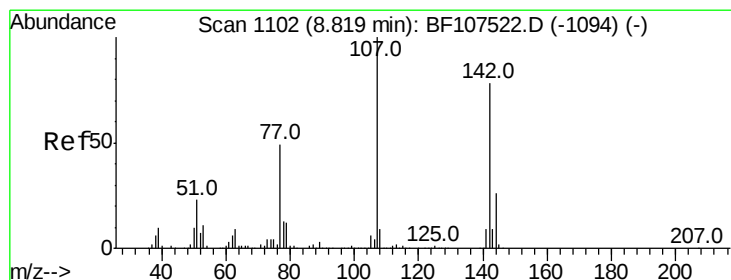
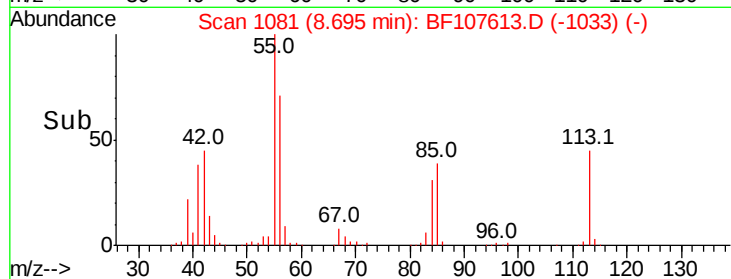
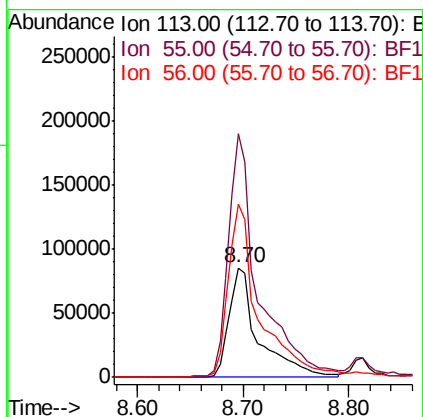
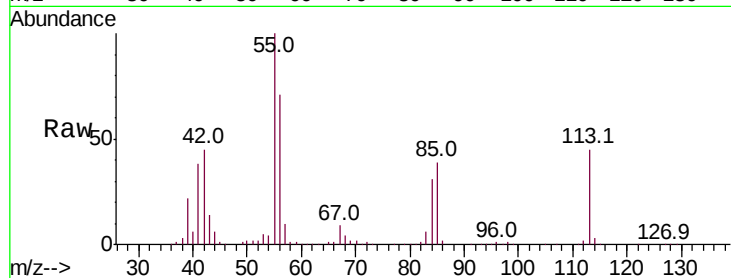
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	222.1	163.3	203.3#
56	158.0	115.7	155.7#

Manual Integrations
APPROVED

Sohil
7/25/2018 12:57:56 PM



#36

4-Chloro-3-methylphenol

Concen: 39.328 ng

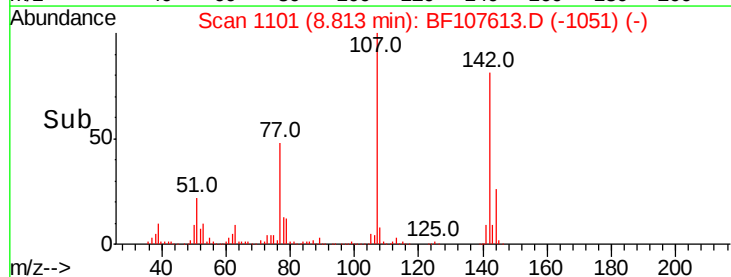
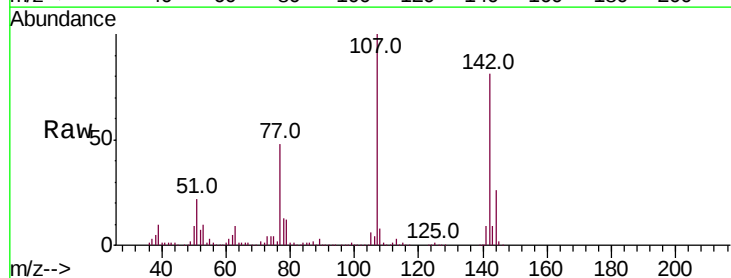
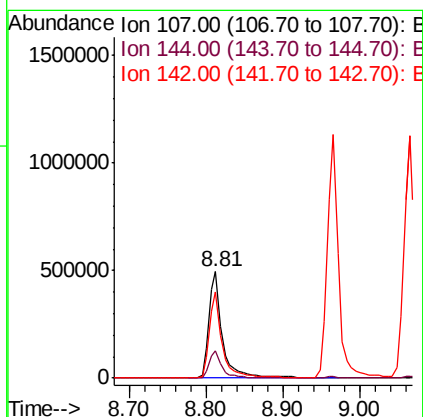
RT: 8.81 min Scan# 1101

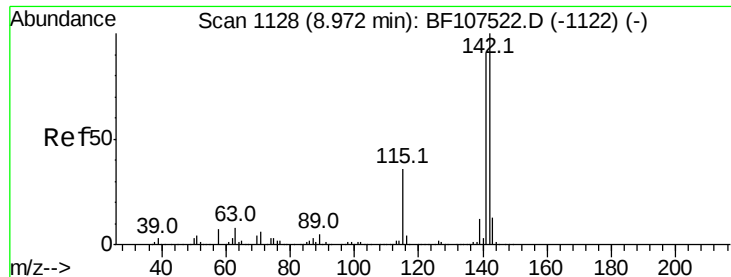
Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	80.7	62.0	93.0





#37

2-Methylnaphthalene

Concen: 38.028 ng

RT: 8.97 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF107613.D

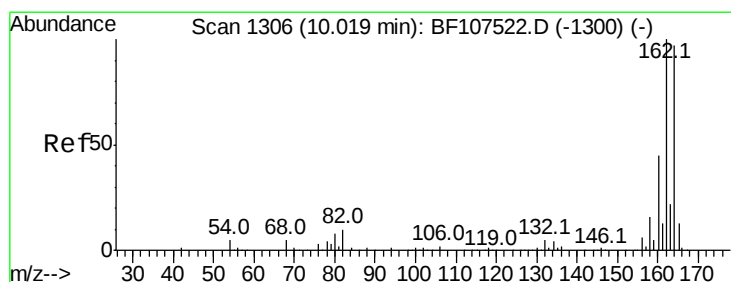
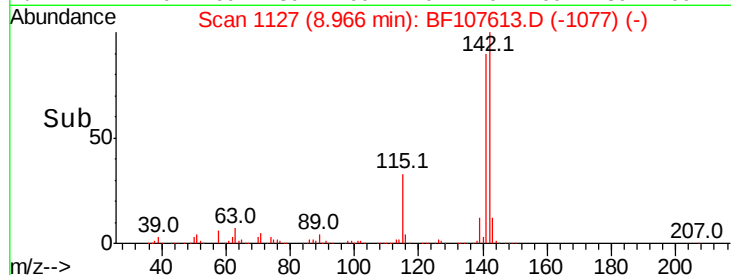
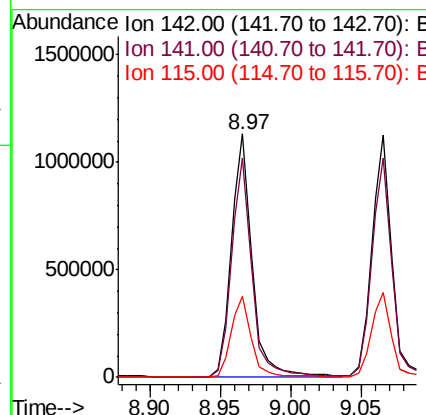
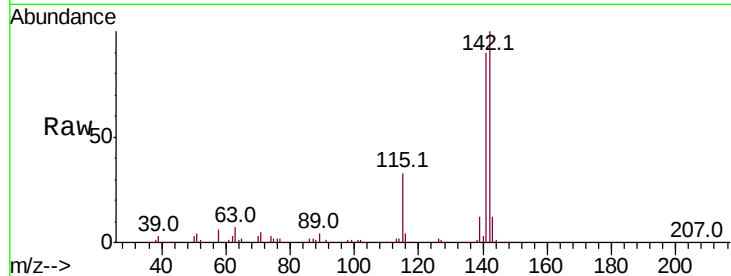
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	33.4	26.1	39.1

Manual Integrations
APPROVED

Sohil
7/25/2018 12:57:56 PM



#38

Acenaphthene-d10

Concen: 20.000 ng

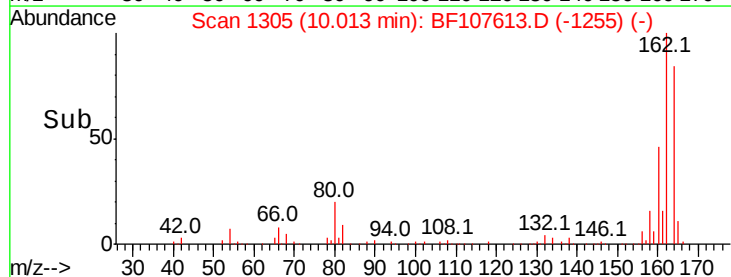
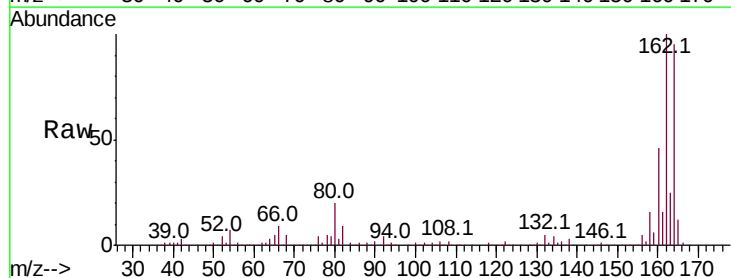
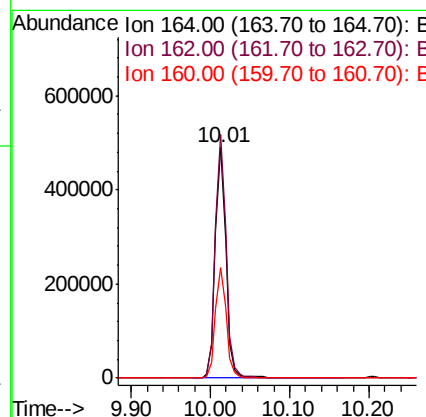
RT: 10.01 min Scan# 1305

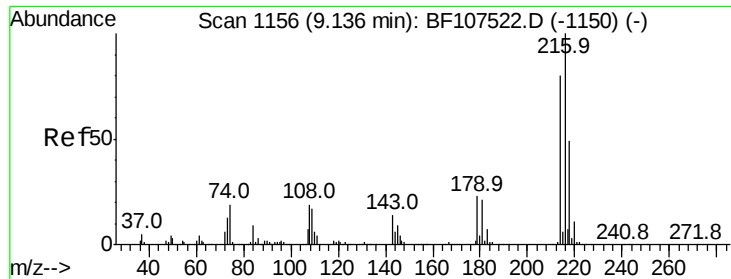
Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	48.1	38.3	57.5





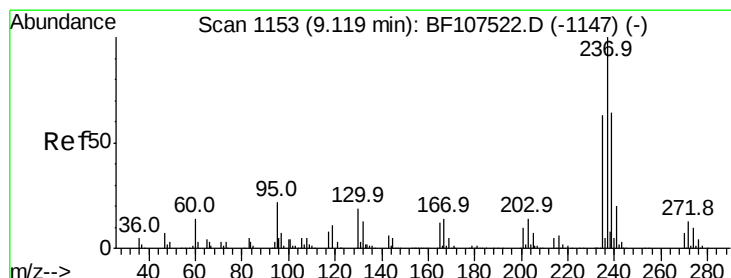
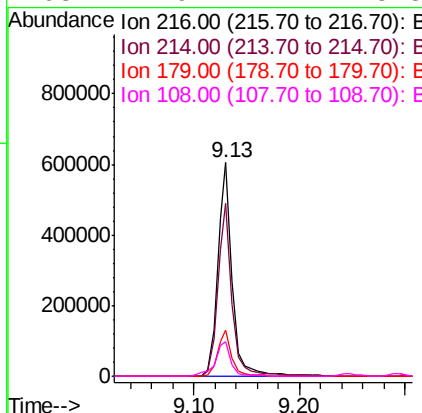
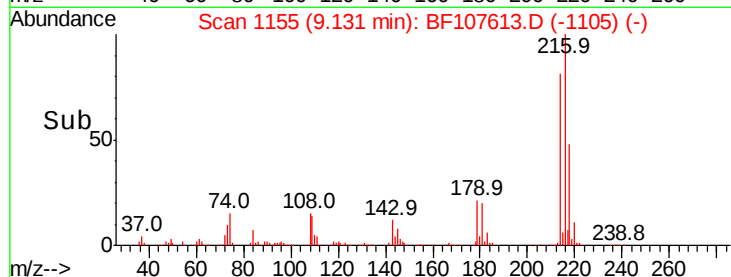
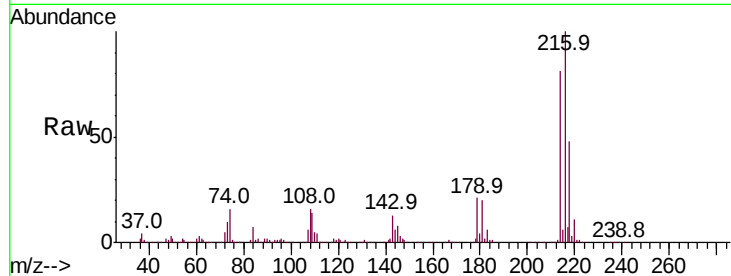
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.215 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.9	63.0	94.4
179	21.2	18.1	27.1
108	17.9	17.2	25.8

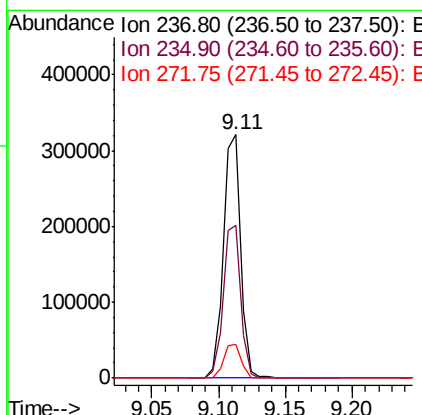
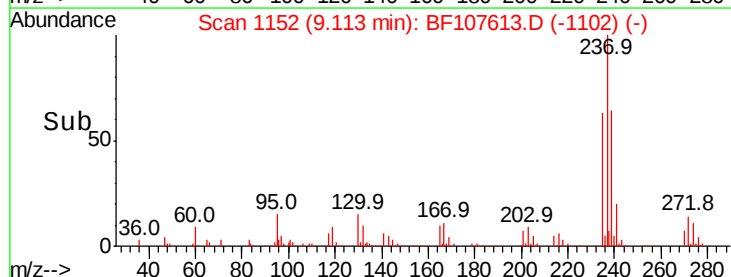
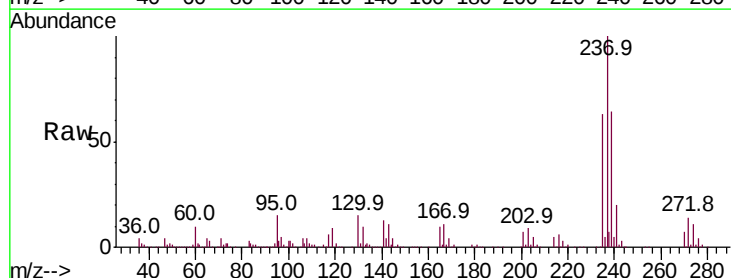
Manual Integrations
 APPROVED

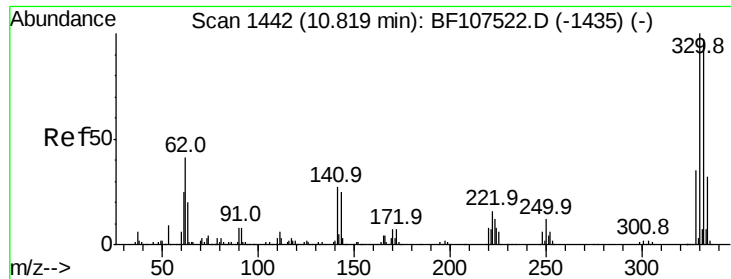
Sohil
 7/25/2018 12:57:56 PM



#40
 Hexachlorocyclopentadiene
 Concen: 37.900 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	44.8	84.8
272	13.7	0.0	33.3





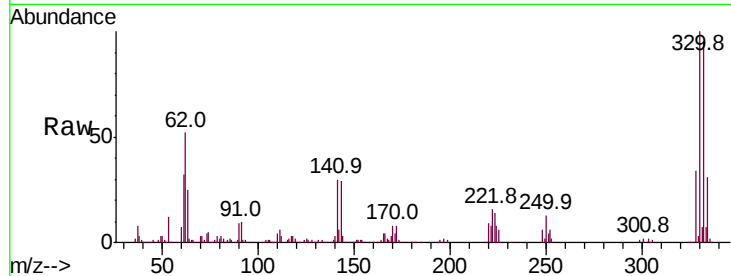
#41
 2,4,6-Tribromophenol
 Concen: 91.726 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.7	77.0	115.6	
141	28.4	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 7/25/2018 12:57:56 PM

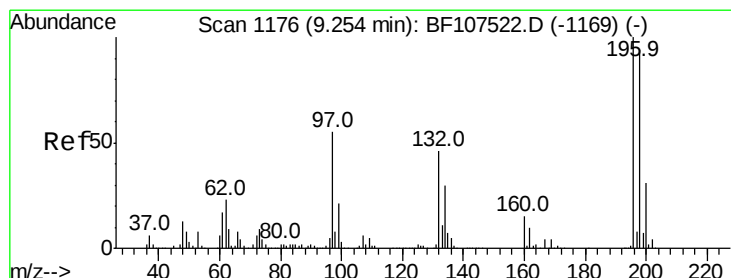
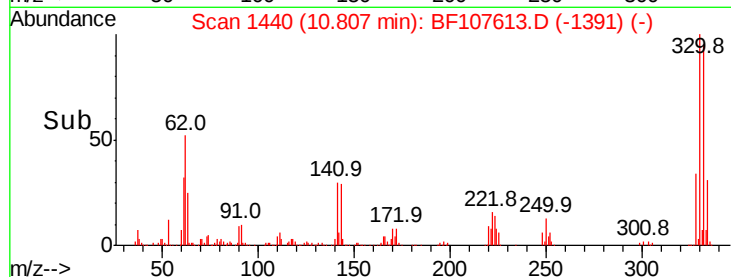
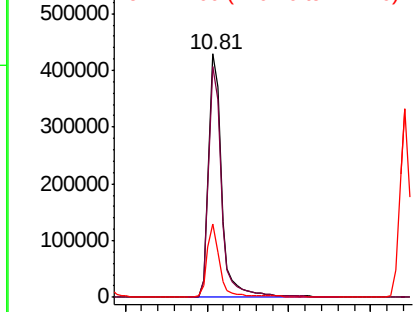


Abundance

Ion 329.80 (329.50 to 330.50): E

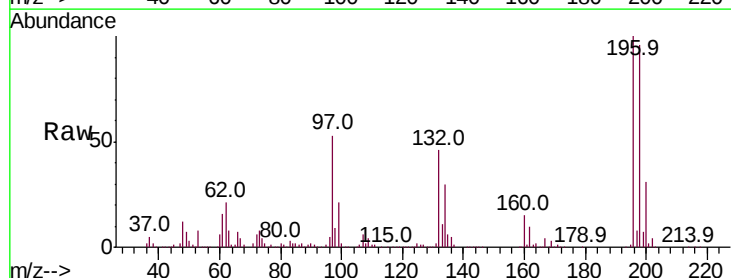
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.300 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.9	75.7	113.5	
200	31.3	24.5	36.7	

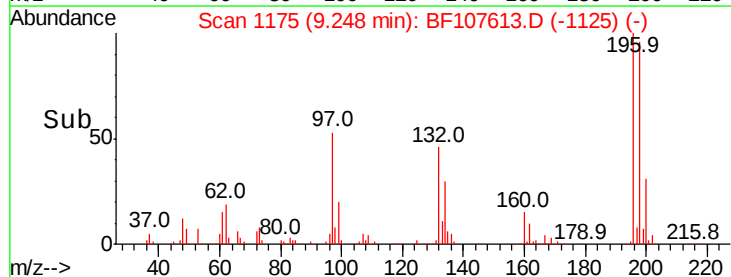
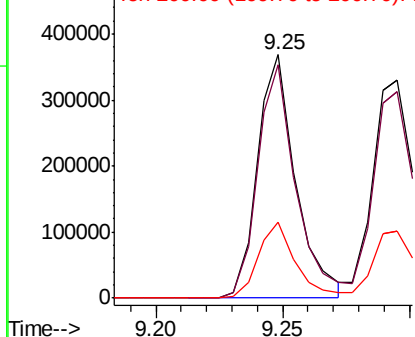


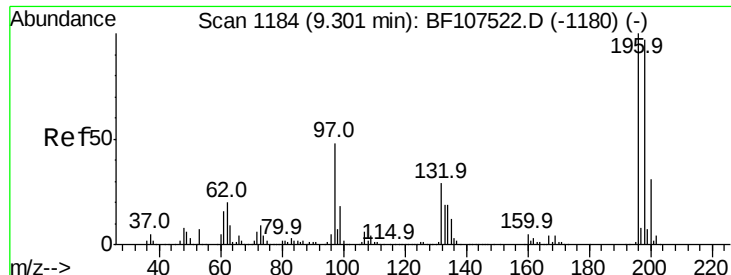
Abundance

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





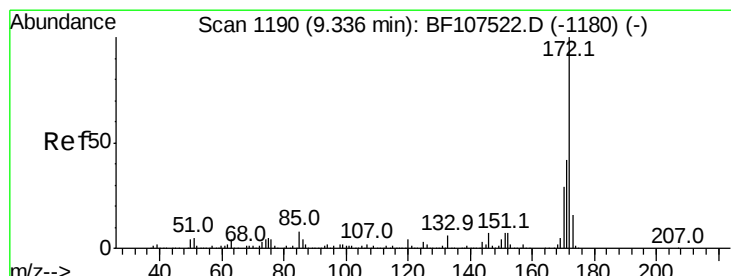
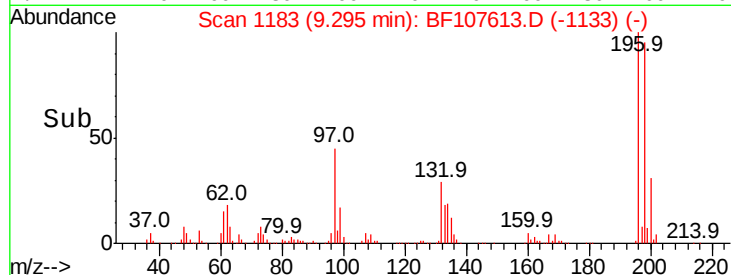
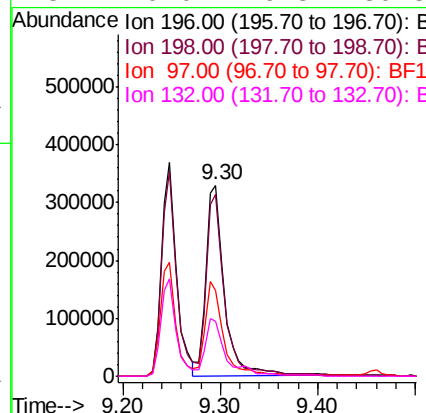
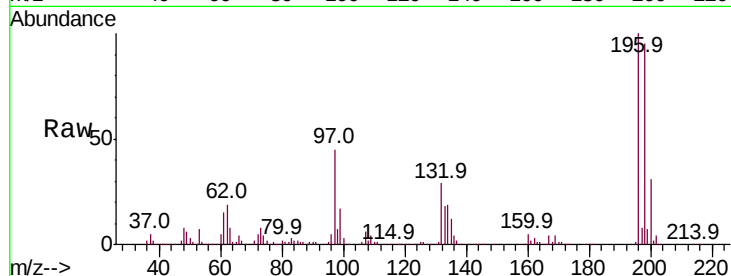
#43
2,4,5-Trichlorophenol
Concen: 42.045 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	432418		
198	95.0	74.6	112.0	
97	44.7	42.9	64.3	
132	29.0	26.3	39.5	

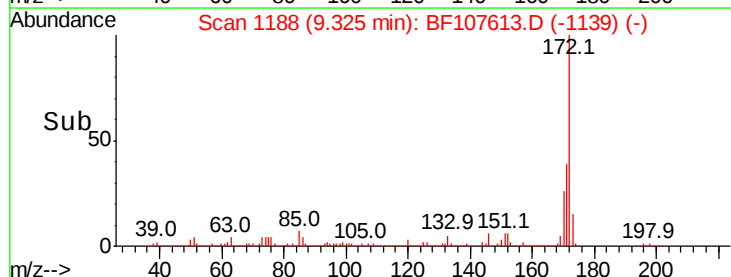
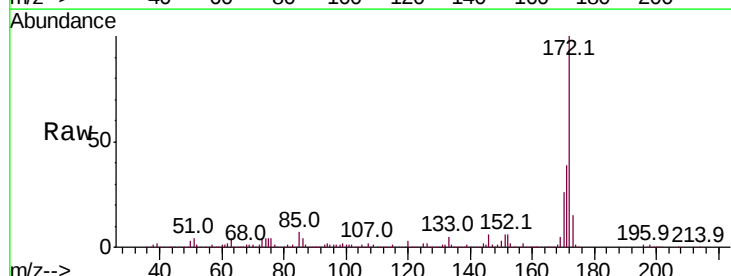
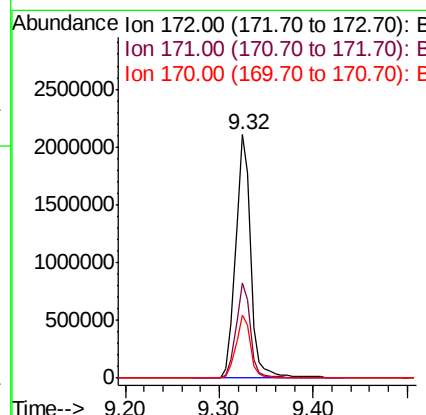
Manual Integrations
APPROVED

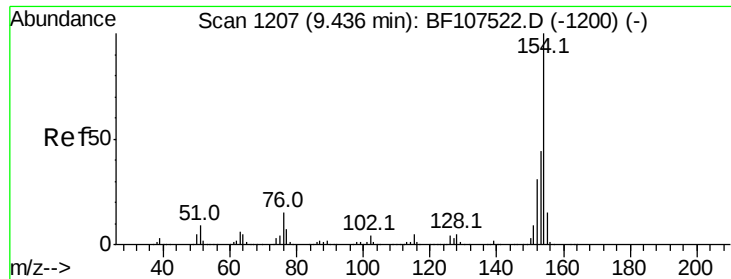
Sohil
7/25/2018 12:57:56 PM



#44
2-Fluorobiphenyl
Concen: 88.169 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2348952		
171	39.1	29.7	44.5	
170	26.0	19.6	29.4	





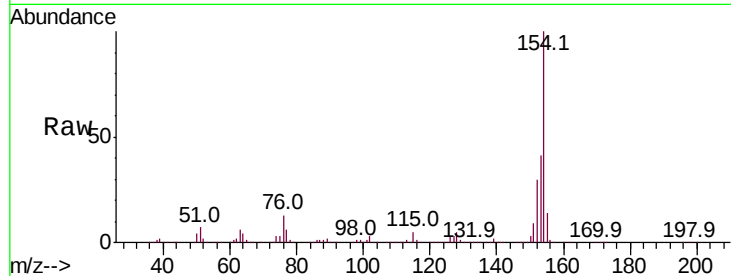
#45
 1,1'-Biphenyl
 Concen: 38.568 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

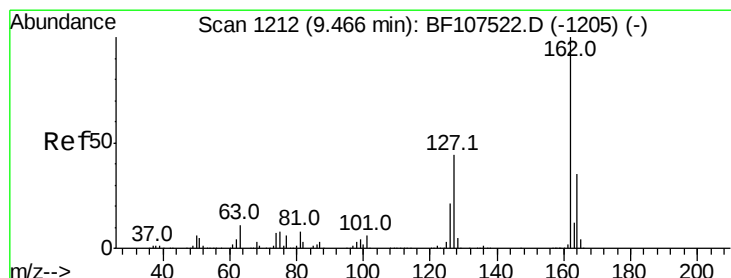
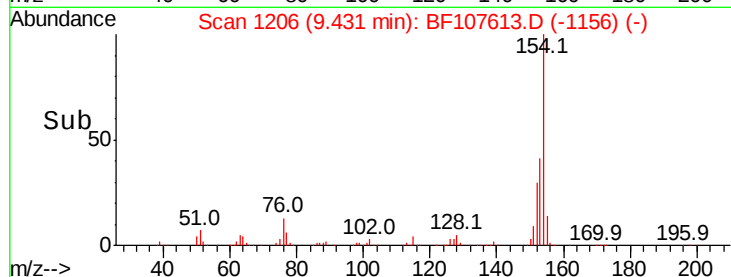
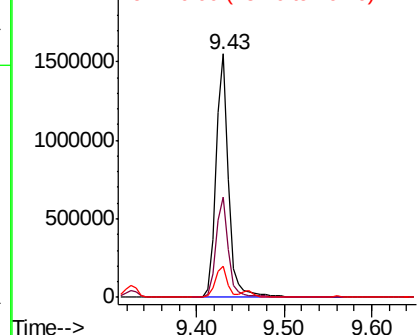
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	12.6	0.0	34.0

Manual Integrations
 APPROVED

Sohil
 7/25/2018 12:57:56 PM

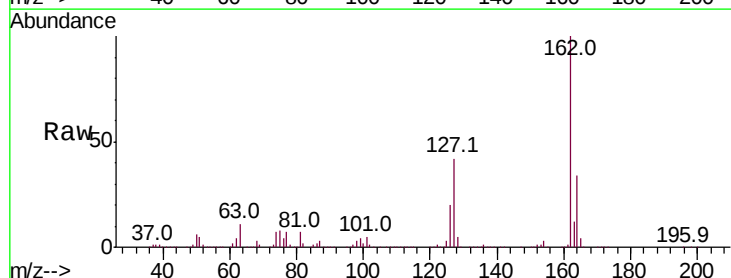


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

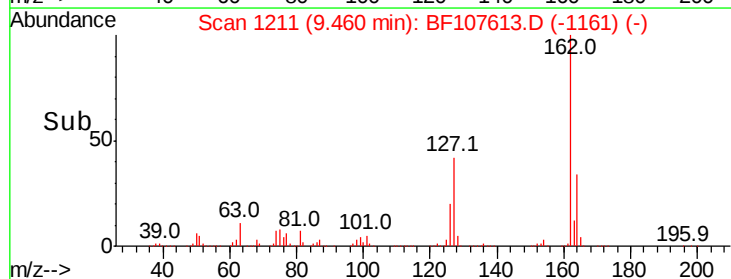
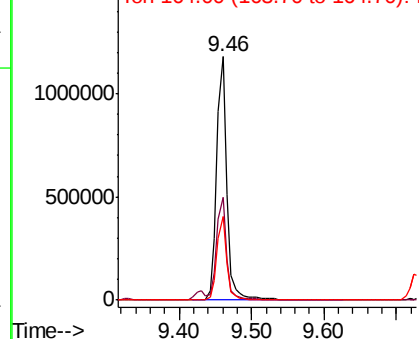


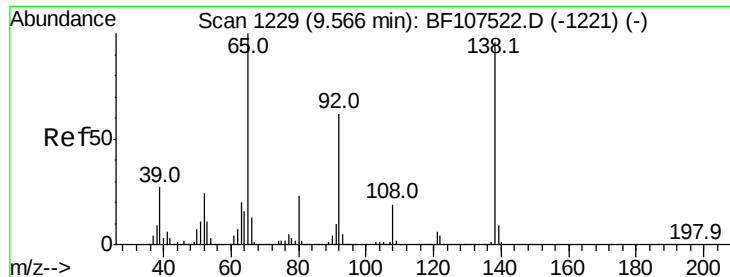
#46
 2-Chloronaphthalene
 Concen: 37.740 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.9	50.9
164	34.3	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





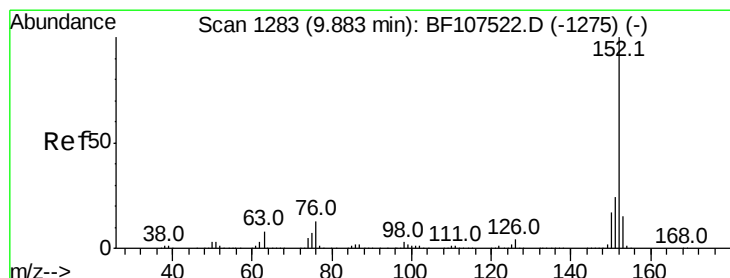
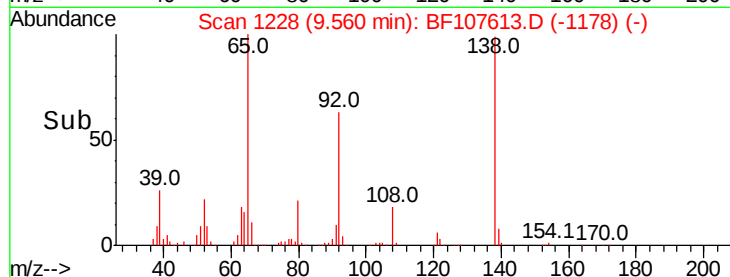
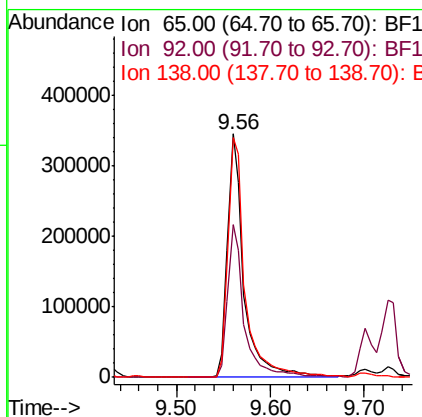
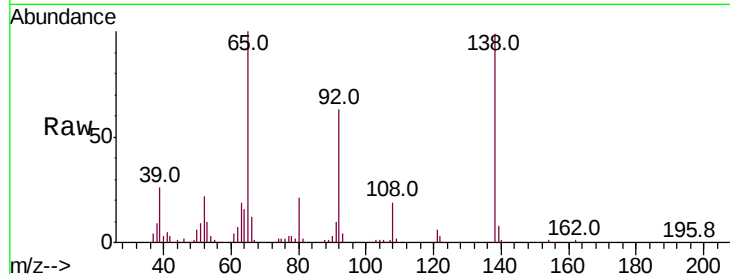
#47
2-Nitroaniline
Concen: 47.148 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.6	55.8	83.6
138	98.6	91.2	136.8

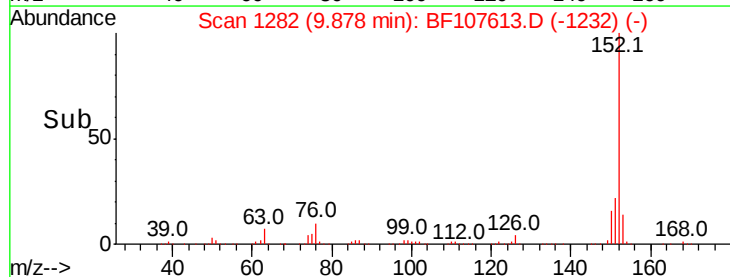
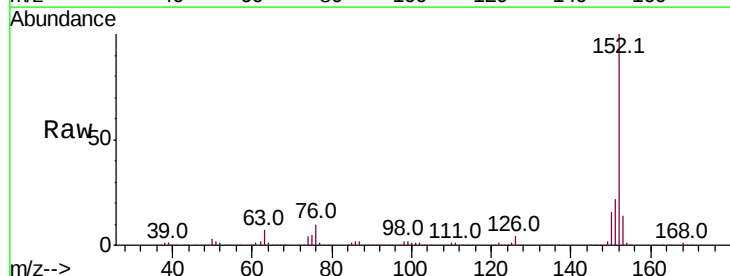
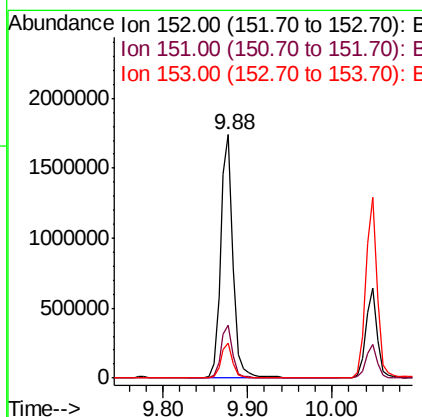
Manual Integrations
APPROVED

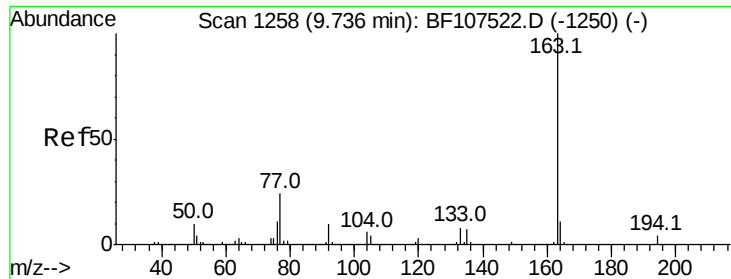
Sohil
7/25/2018 12:57:56 PM



#48
Acenaphthylene
Concen: 38.760 ng
RT: 9.88 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.3	24.5
153	14.2	10.7	16.1





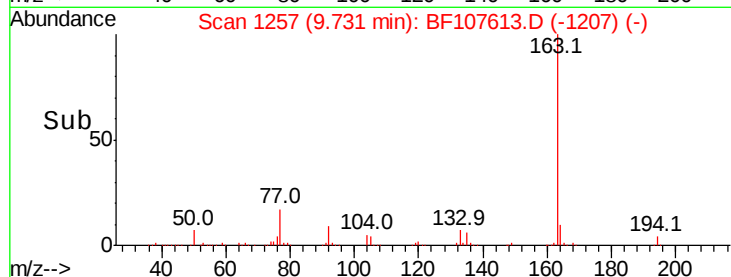
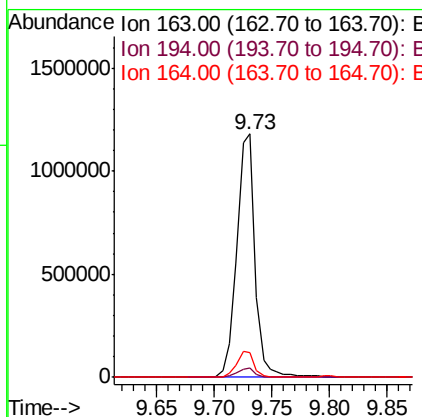
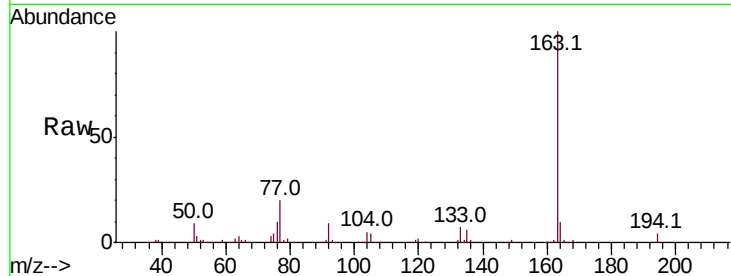
#49
Dimethylphthalate
Concen: 37.391 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.0	8.2	12.2

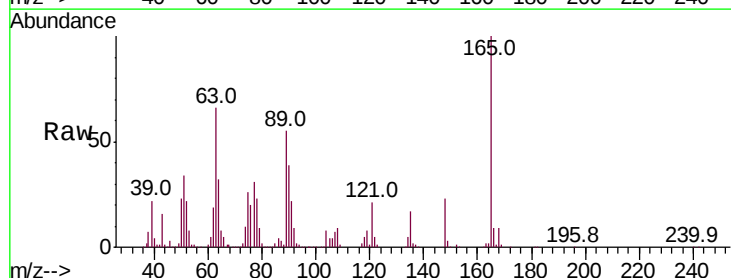
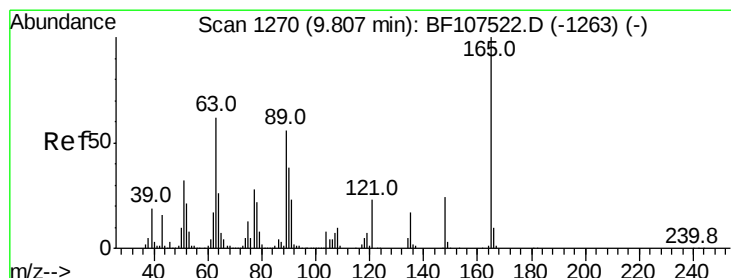
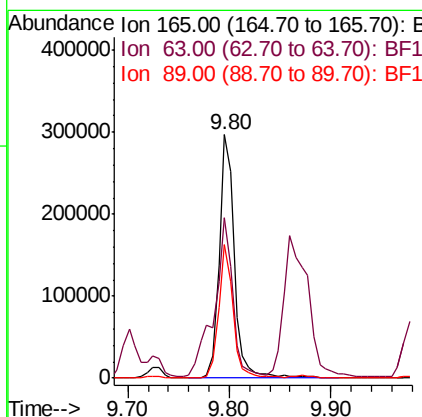
Manual Integrations
APPROVED

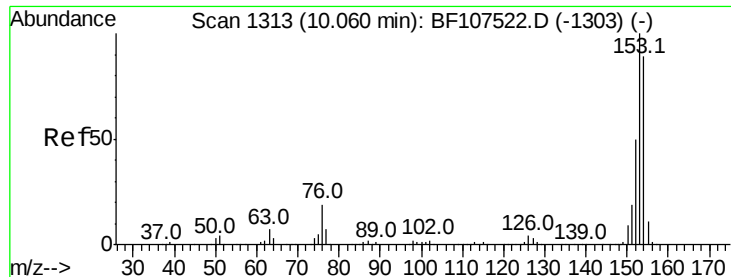
Sohil
7/25/2018 12:57:56 PM



#50
2,6-Dinitrotoluene
Concen: 44.545 ng
RT: 9.80 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.0	44.7	67.1
89	55.0	44.0	66.0





#51

Acenaphthene

Concen: 36.034 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1040910

Ion Ratio Lower Upper

154 100

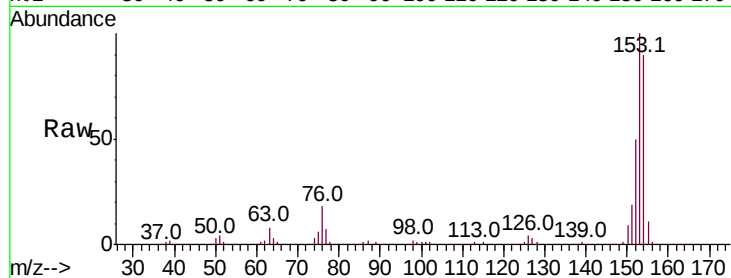
153 111.6 91.2 136.8

152 55.7 43.8 65.8

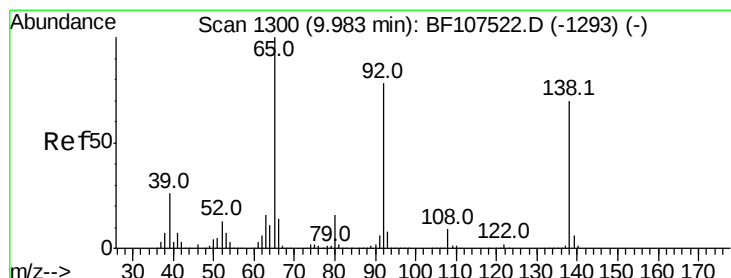
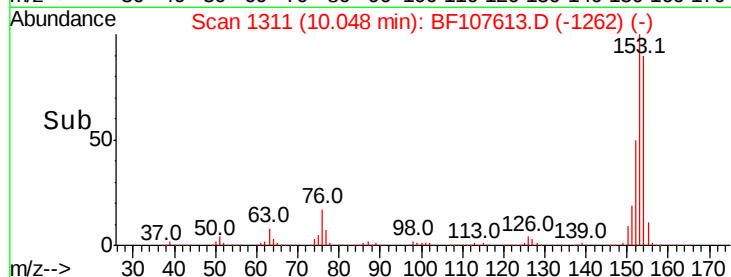
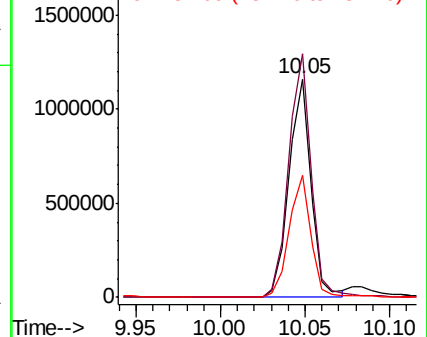
Manual Integrations
APPROVED

Sohil

7/25/2018 12:57:56 PM



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



#52

3-Nitroaniline

Concen: 44.573 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

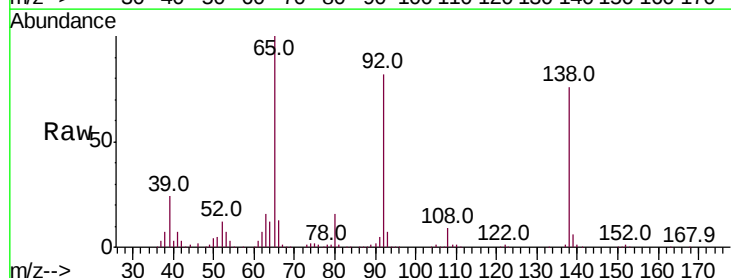
Tgt Ion:138 Resp: 373990

Ion Ratio Lower Upper

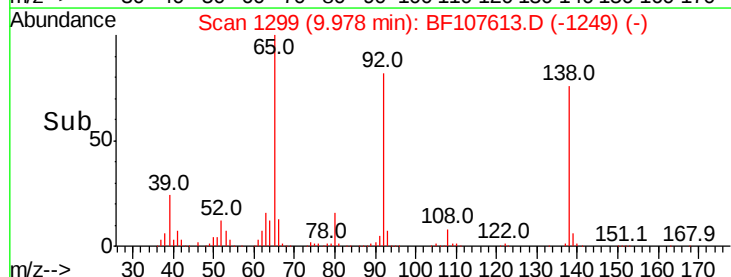
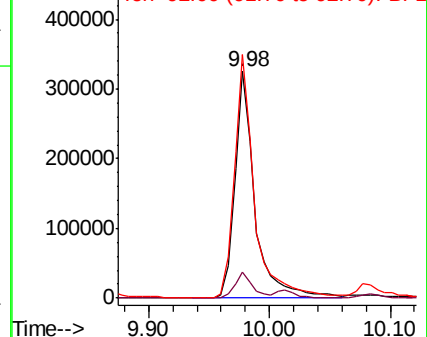
138 100

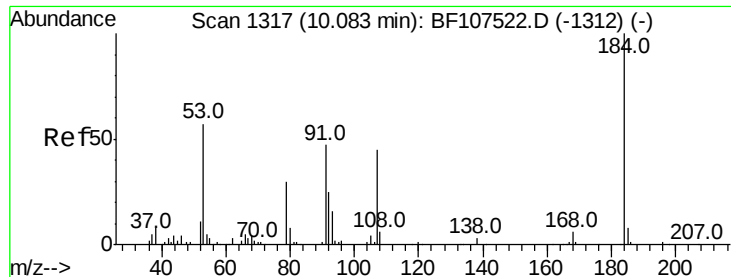
108 11.3 9.4 14.0

92 107.4 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





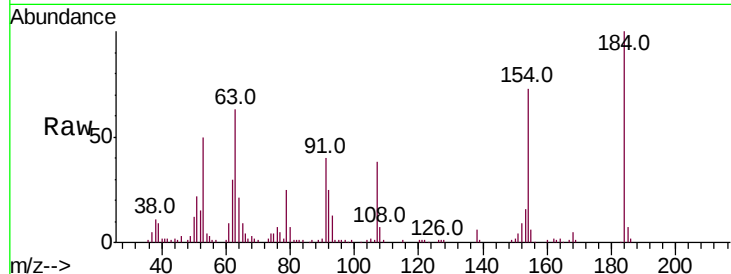
#53
2,4-Dinitrophenol
Concen: 49.261 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	126069		
63	63.1	54.2	81.2	
154	72.7	184.0	276.0	

Manual Integrations
APPROVED

Sohil
7/25/2018 12:57:56 PM

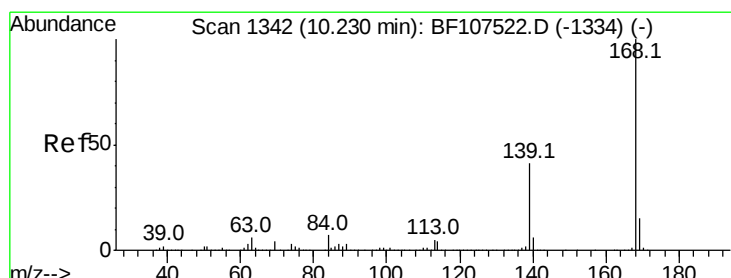
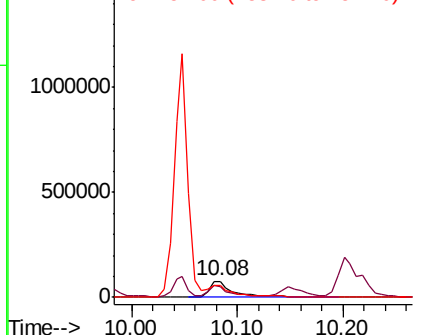
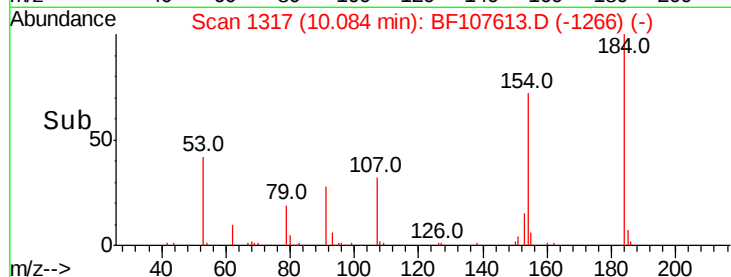


Abundance

Ion 184.00 (183.70 to 184.70): E

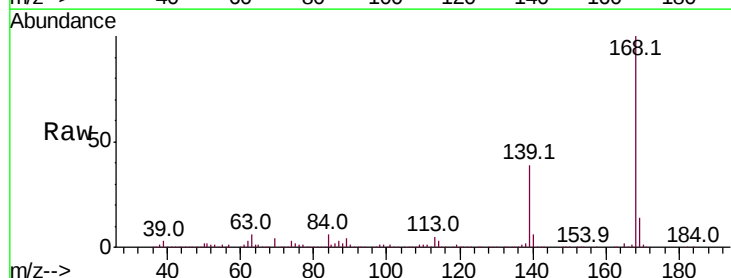
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 38.664 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1644283		
139	39.2	30.1	45.1	
169	14.0	10.9	16.3	

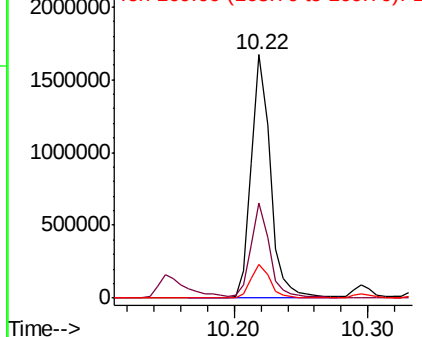
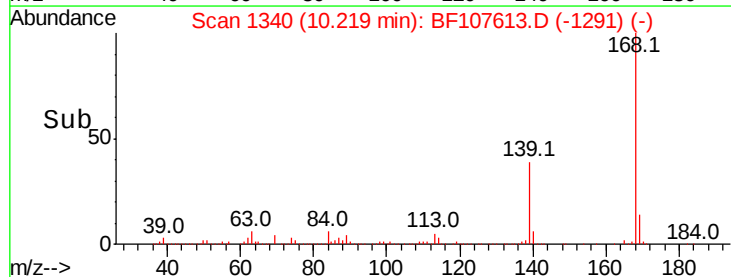


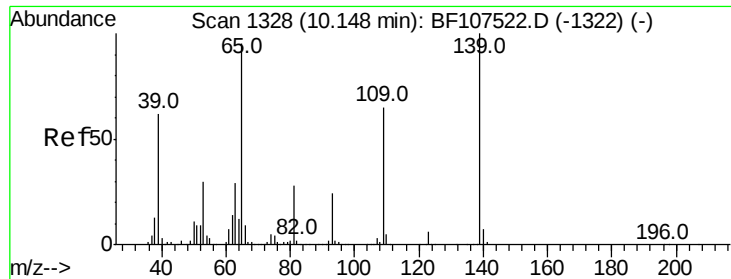
Abundance

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





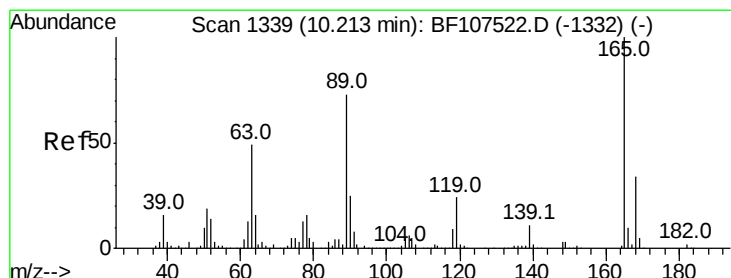
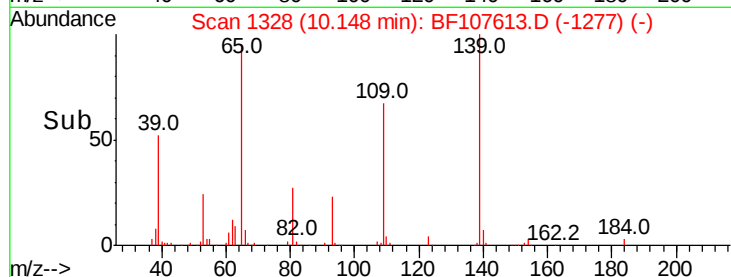
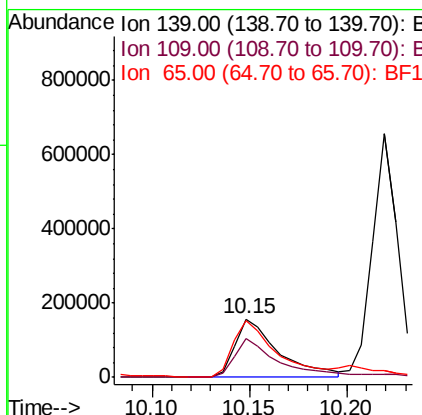
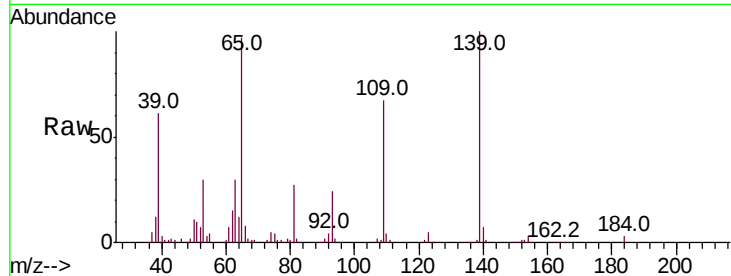
#55
4-Nitrophenol
Concen: 38.817 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.8	48.4	88.4	
65	97.0	72.6	112.6	

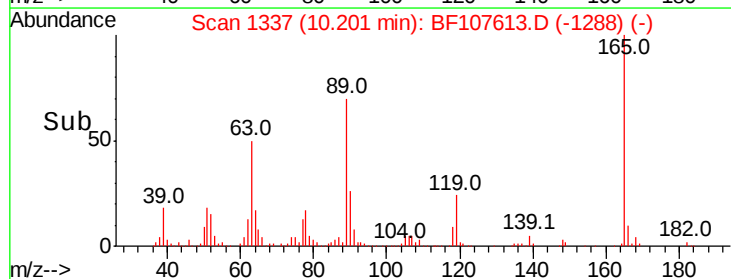
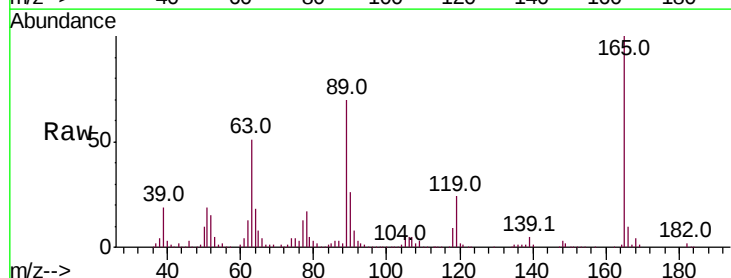
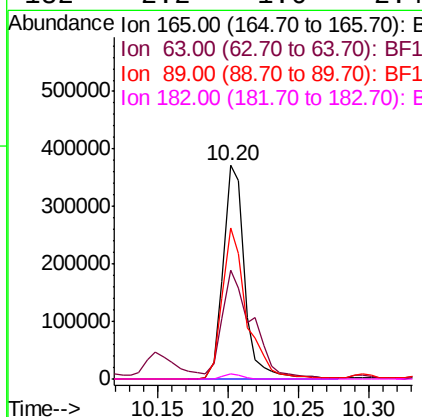
Manual Integrations
APPROVED

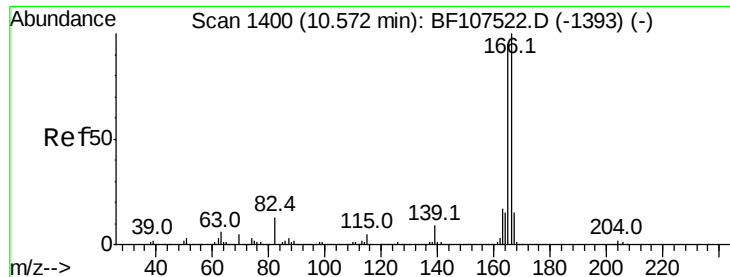
Sohil
7/25/2018 12:57:56 PM



#56
2,4-Dinitrotoluene
Concen: 47.732 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.1	36.4	54.6	
89	70.4	57.8	86.6	
182	2.2	1.6	2.4	





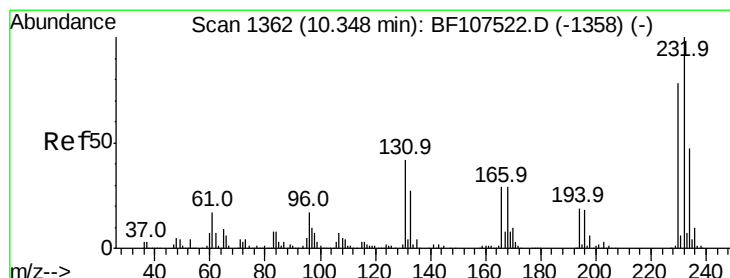
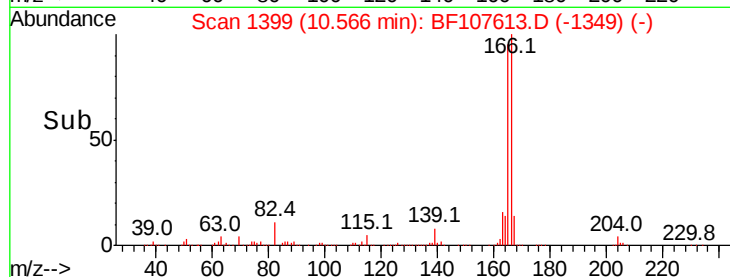
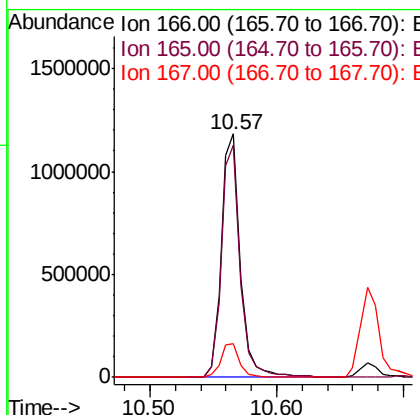
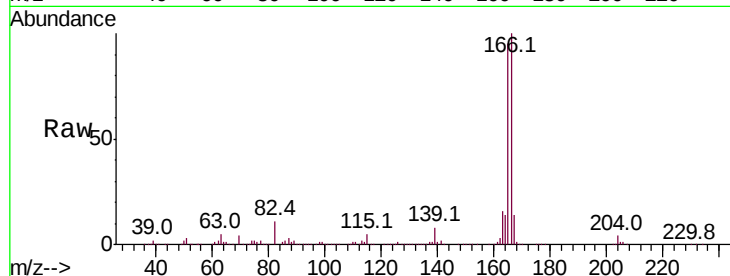
#57
 Fluorene
 Concen: 40.752 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.4	79.8	119.8
167	14.0	10.6	16.0

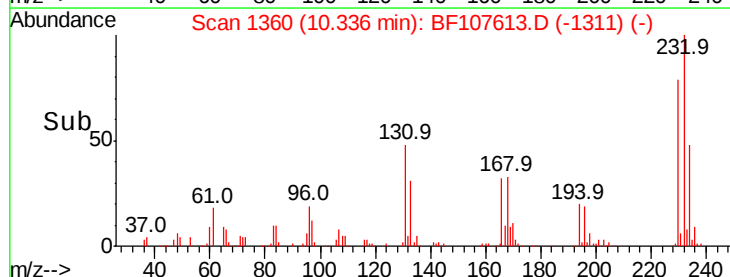
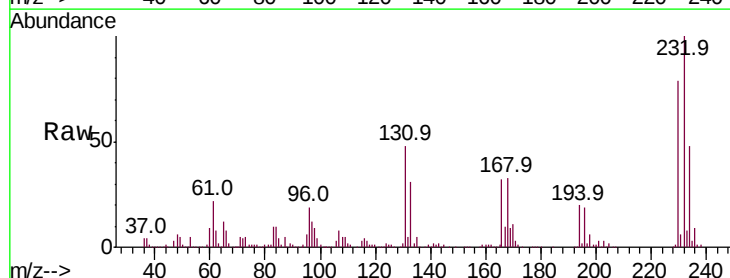
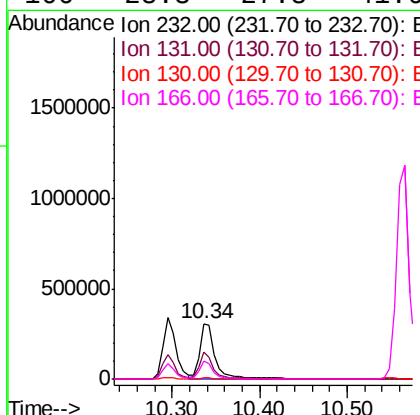
Manual Integrations
 APPROVED

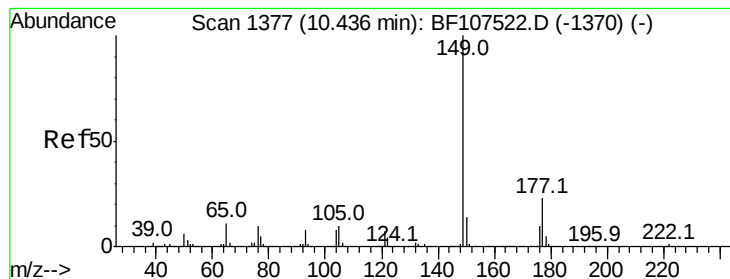
Sohil
 7/25/2018 12:57:56 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.518 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.1	43.8	65.8#
130	2.1	2.1	3.1#
166	28.3	27.8	41.6





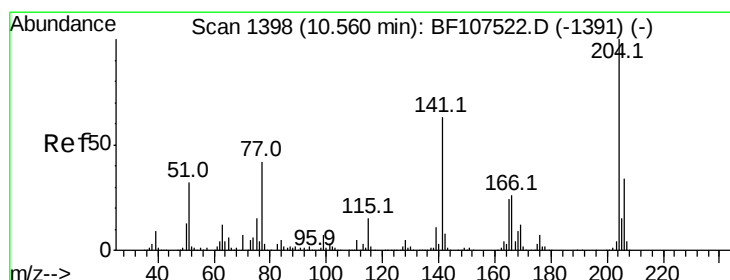
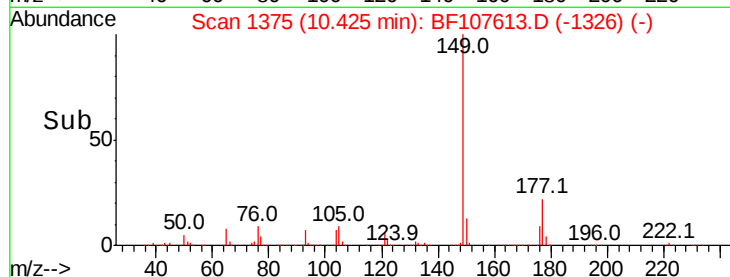
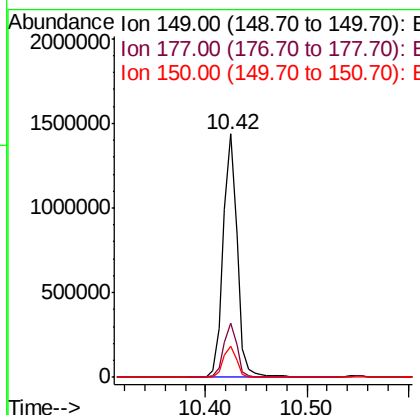
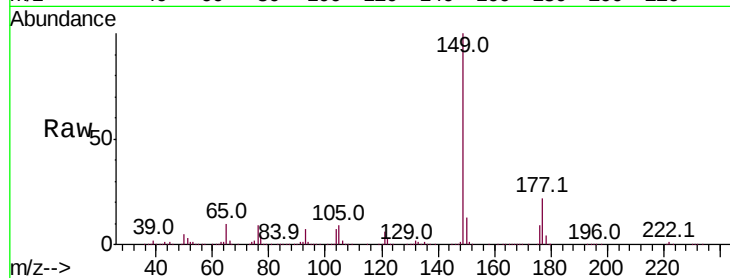
#59
Diethylphthalate
Concen: 38.248 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	149	Resp:	1387629
Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.1	24.1
150	13.0	10.1	15.1

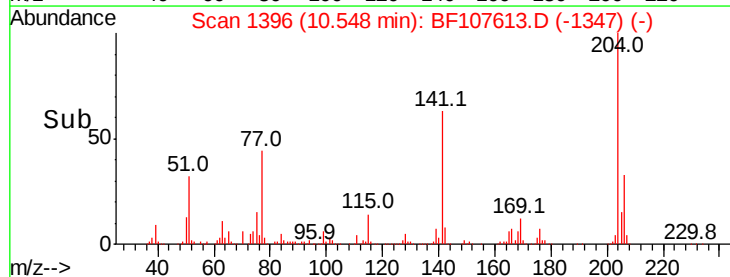
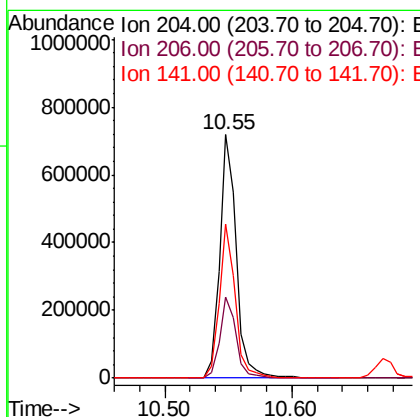
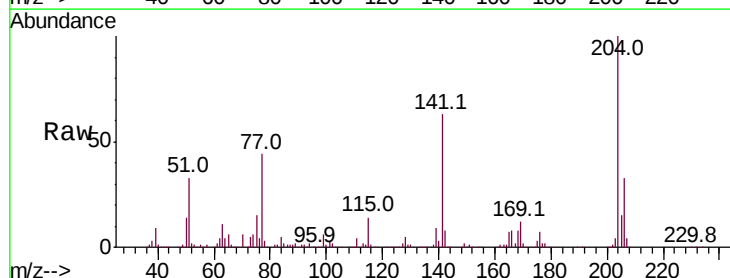
Manual Integrations
APPROVED

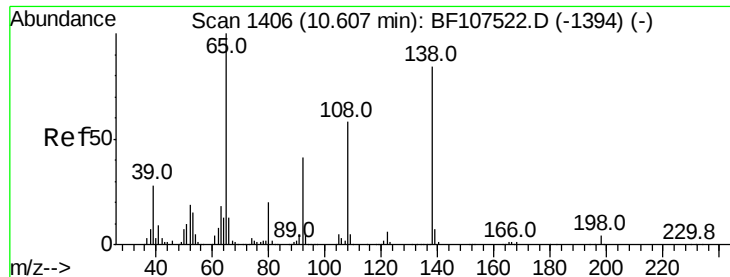
Sohil
7/25/2018 12:57:56 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.714 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion:	204	Resp:	664008
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	63.4	54.6	81.8





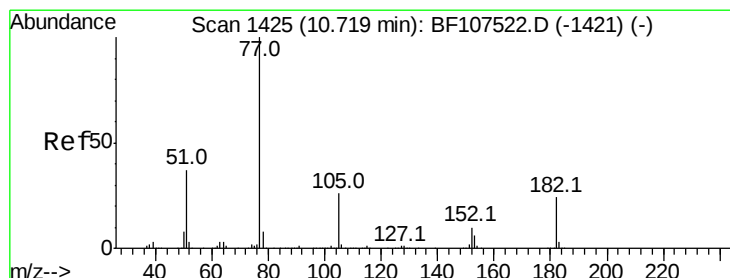
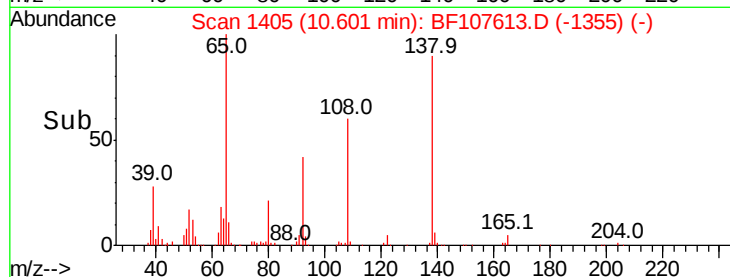
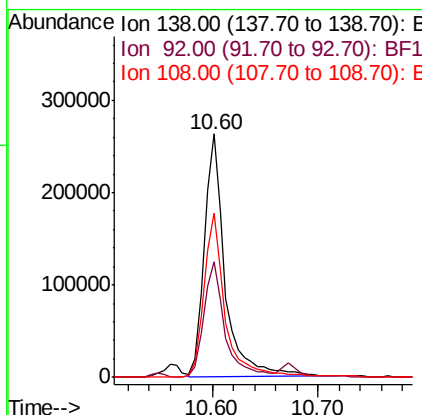
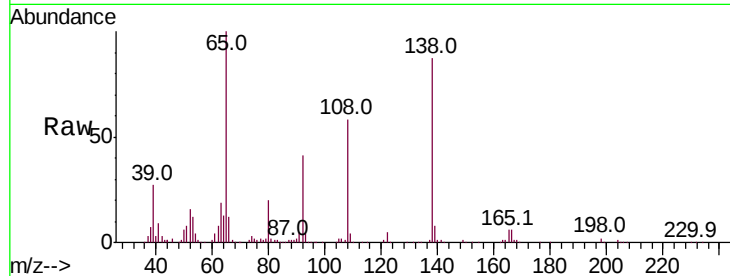
#61
4-Nitroaniline
Concen: 50.515 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.3	30.2	70.2
108	67.4	52.5	92.5

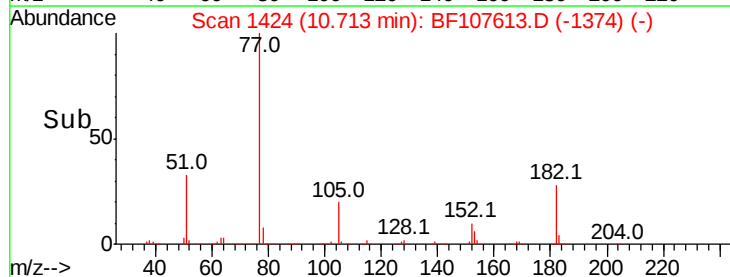
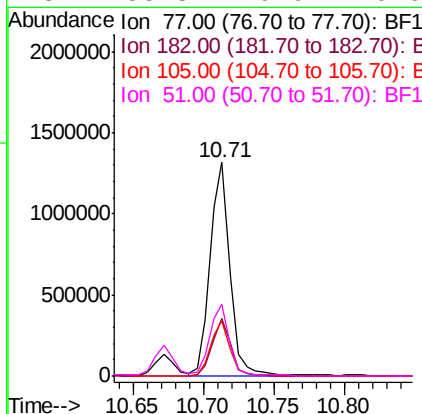
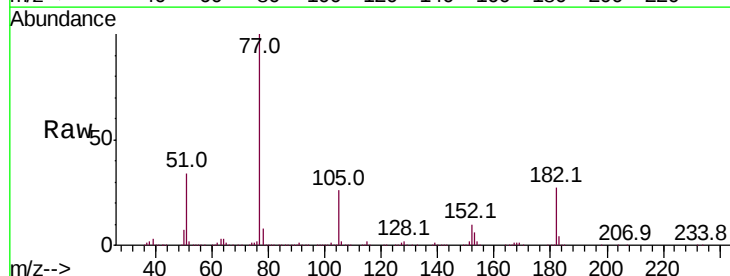
Manual Integrations
APPROVED

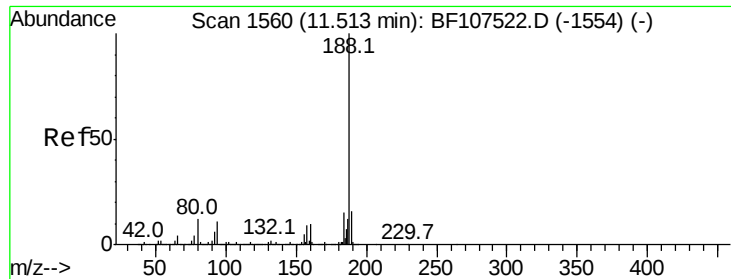
Sohil
7/25/2018 12:57:56 PM



#62
Azobenzene
Concen: 37.418 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	1.7	41.7
105	25.9	3.0	43.0
51	33.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Instrument :

BNA_F

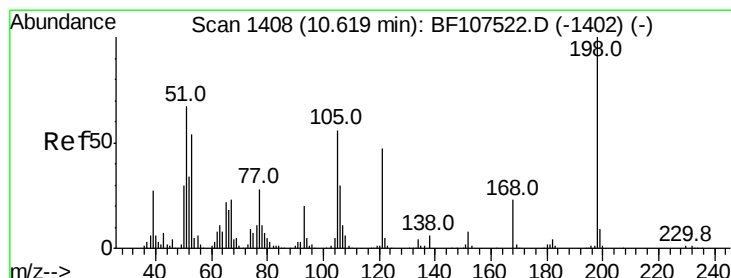
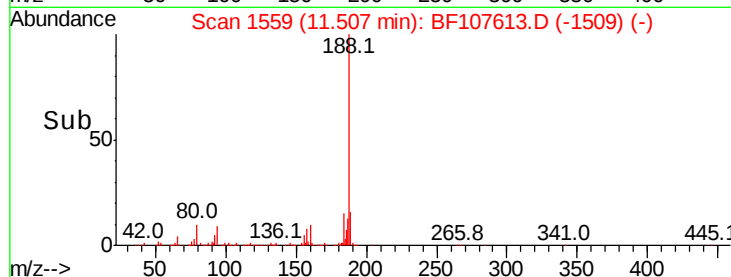
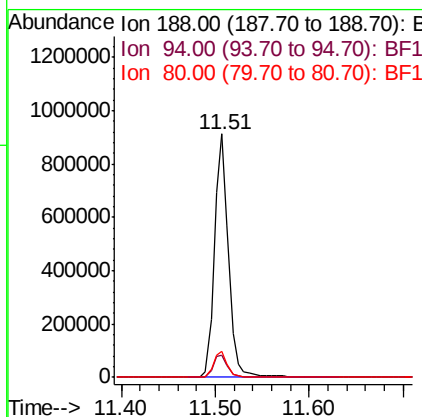
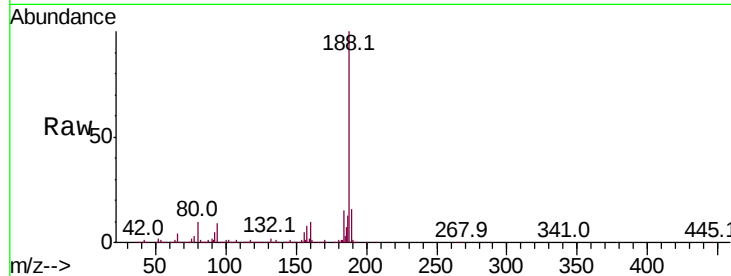
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.3	8.5	12.7	
80	10.5	9.2	13.8	

Manual Integrations
APPROVED

Sohil
7/25/2018 12:57:56 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 39.405 ng

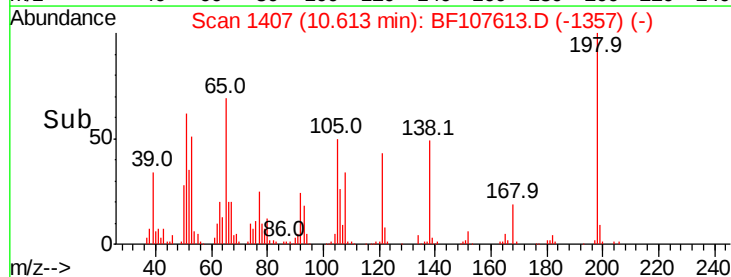
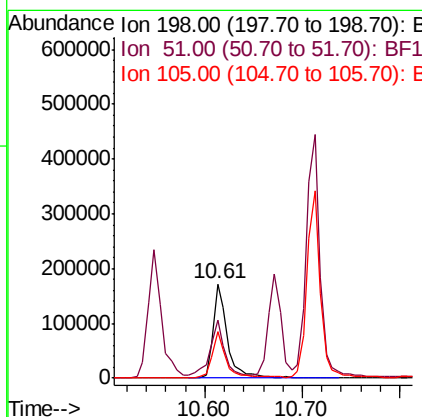
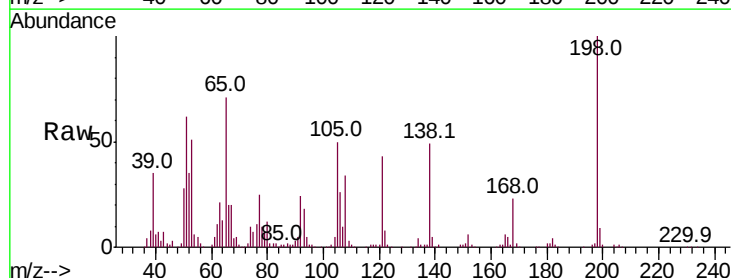
RT: 10.61 min Scan# 1407

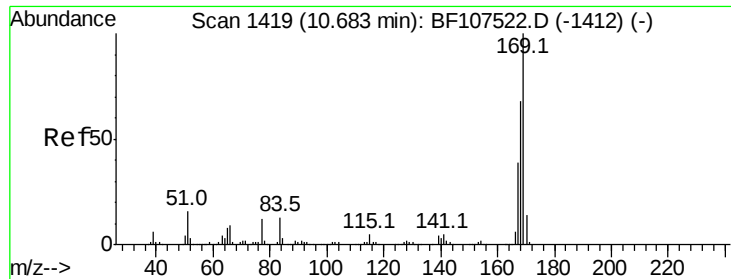
Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	61.5	37.7	77.7	
105	49.9	36.3	76.3	





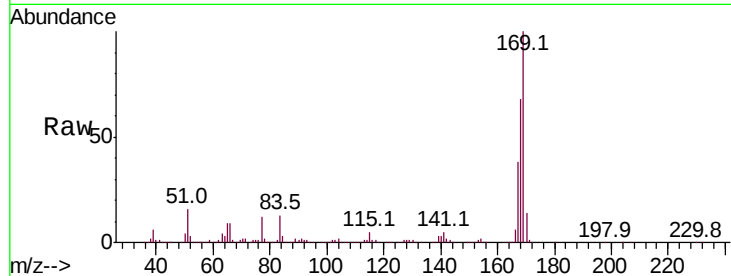
#65
n-Nitrosodiphenylamine
Concen: 36.389 ng
RT: 10.67 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.4	81.6
167	37.8	29.8	44.6

Manual Integrations
APPROVED

Sohil
7/25/2018 12:57:56 PM

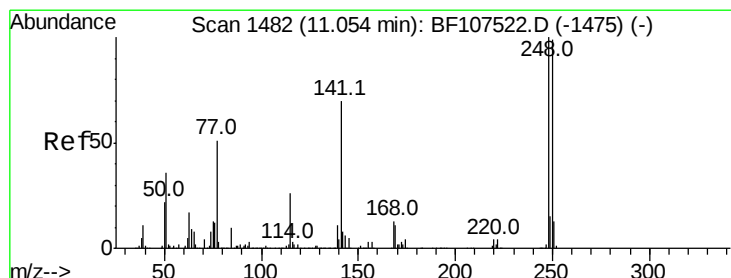
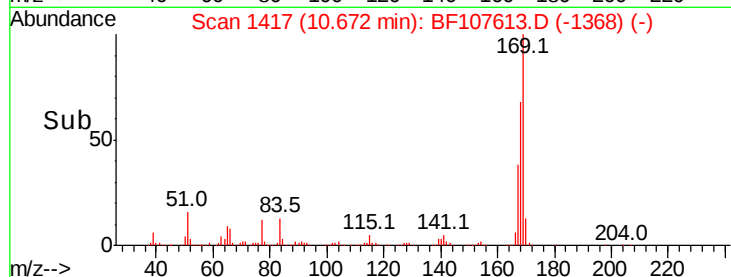
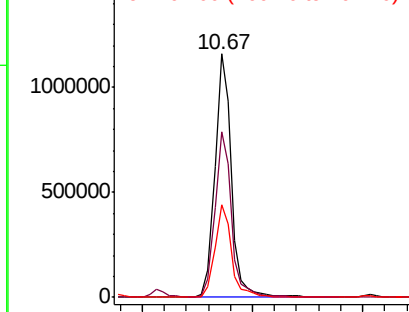


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 36.818 ng
RT: 11.04 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

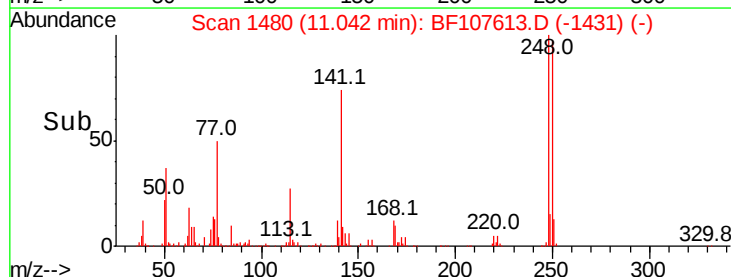
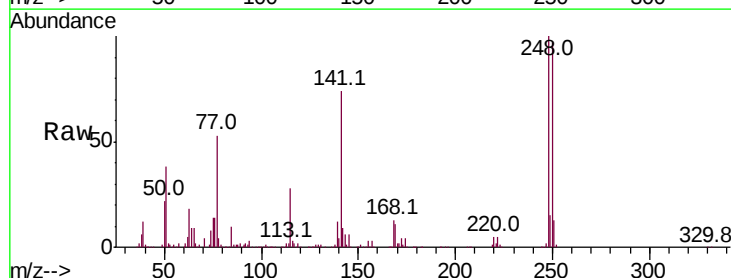
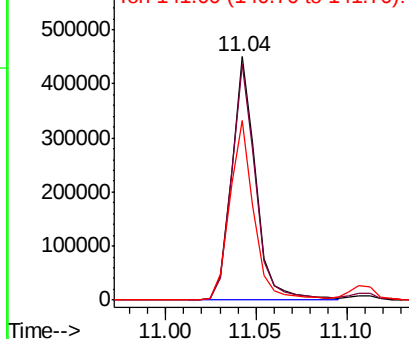
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.9	115.3
141	73.9	74.4	111.6#

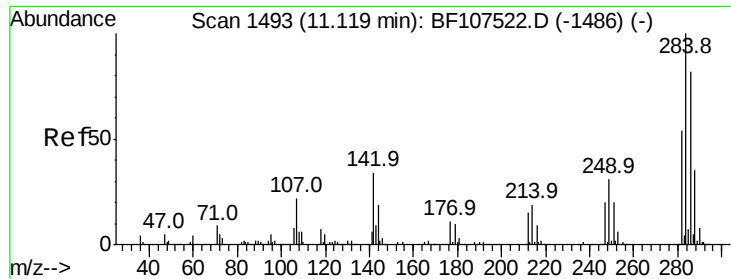
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





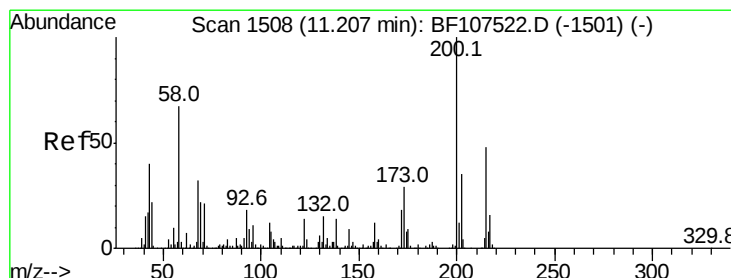
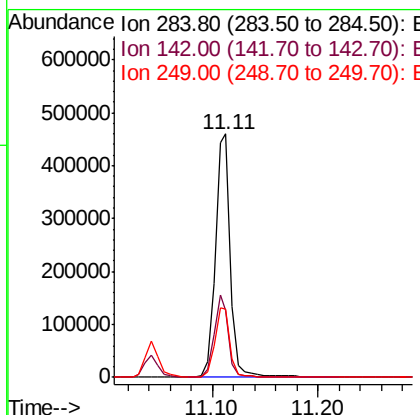
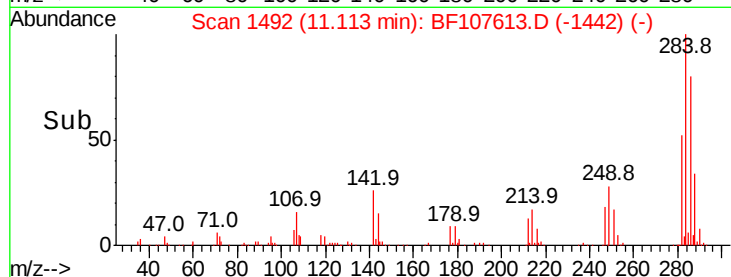
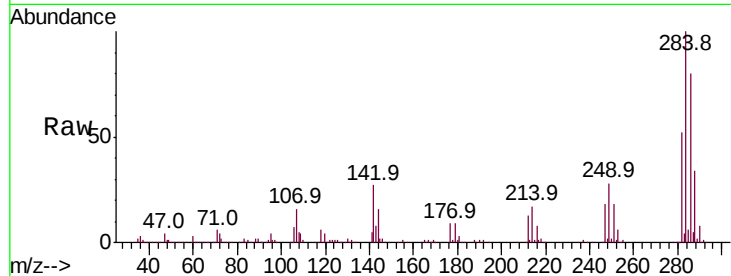
#67
Hexachlorobenzene
Concen: 37.306 ng
RT: 11.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	465572		
142	27.3	34.6	52.0	
249	28.2	24.8	37.2	

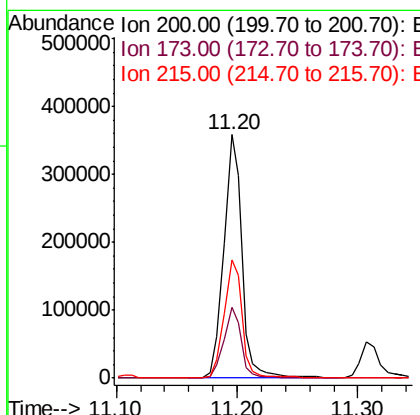
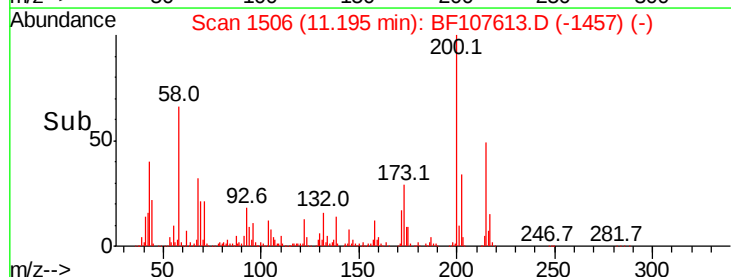
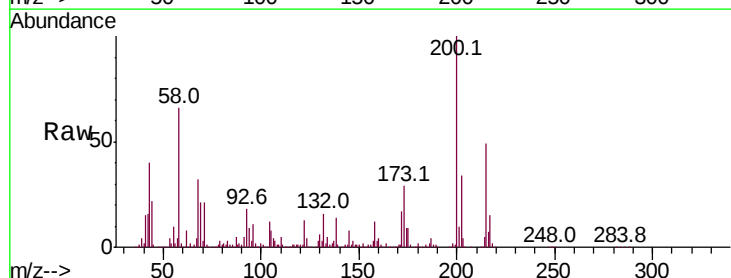
Manual Integrations
APPROVED

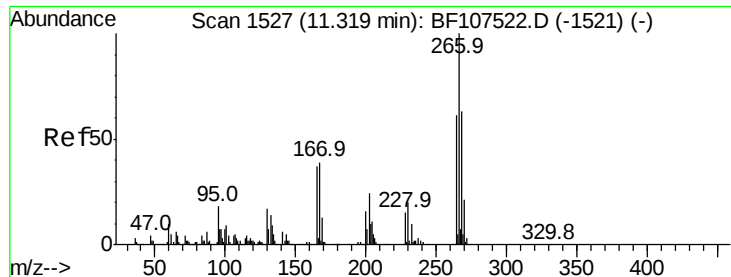
Sohil
7/25/2018 12:57:56 PM



#68
Atrazine
Concen: 37.375 ng
RT: 11.20 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	373419		
173	29.3	8.6	48.6	
215	48.6	25.1	65.1	





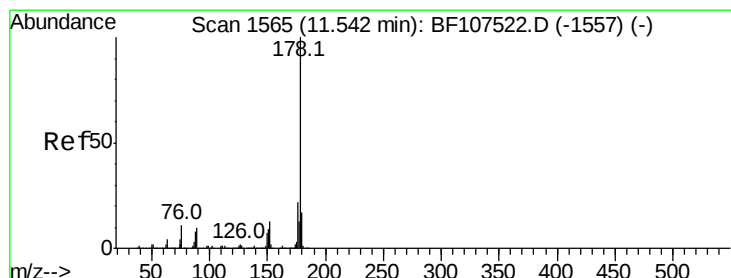
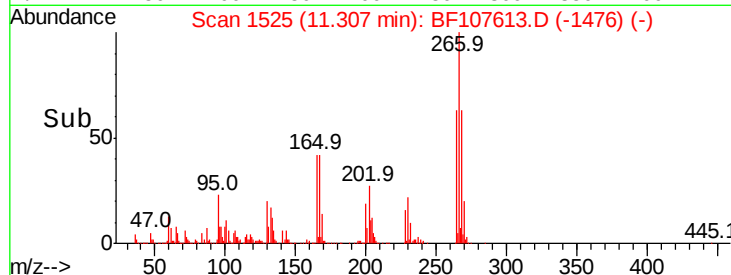
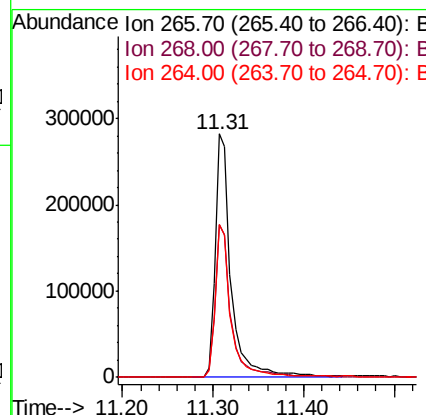
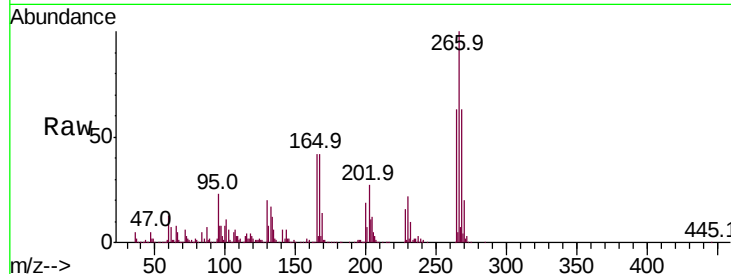
#69
 Pentachlorophenol
 Concen: 44.764 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.6	51.1	76.7	
264	62.8	49.5	74.3	

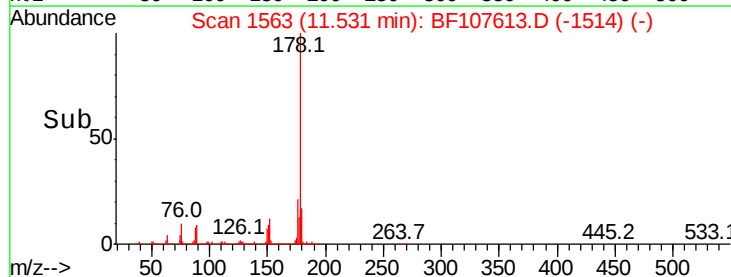
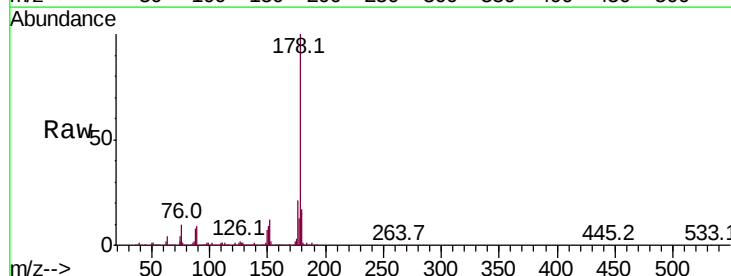
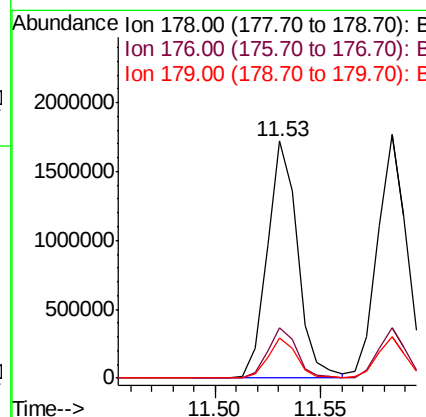
Manual Integrations
 APPROVED

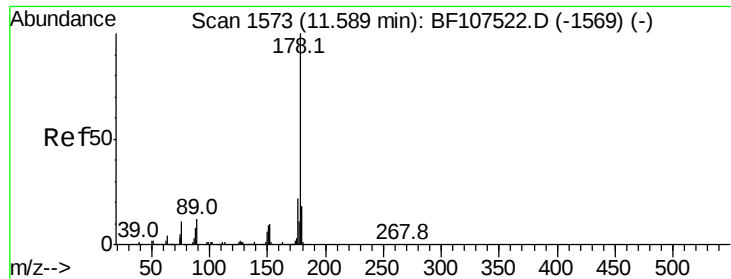
Sohil
 7/25/2018 12:57:56 PM



#70
 Phenanthrene
 Concen: 36.642 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	21.4	15.8	23.8	
179	16.8	13.0	19.6	





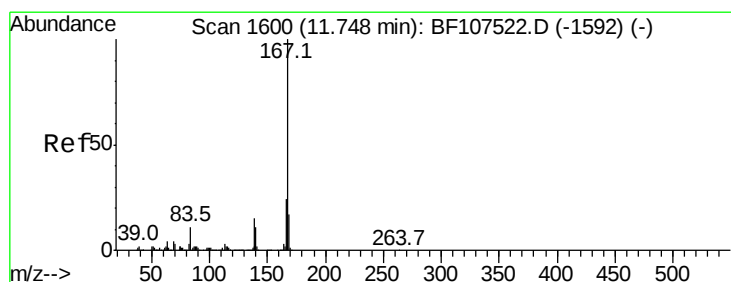
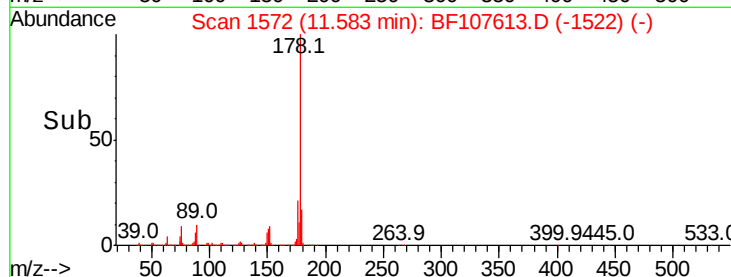
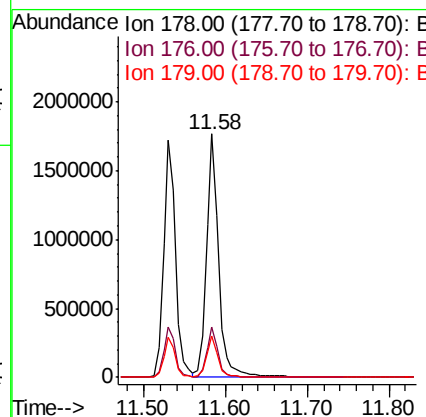
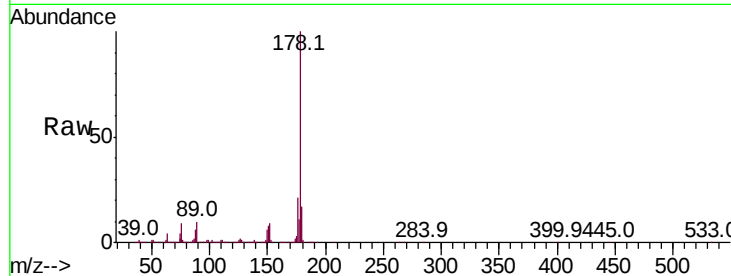
#71
 Anthracene
 Concen: 38.863 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	16.9	12.6	19.0

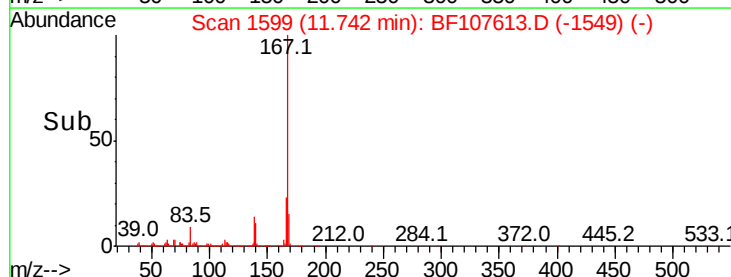
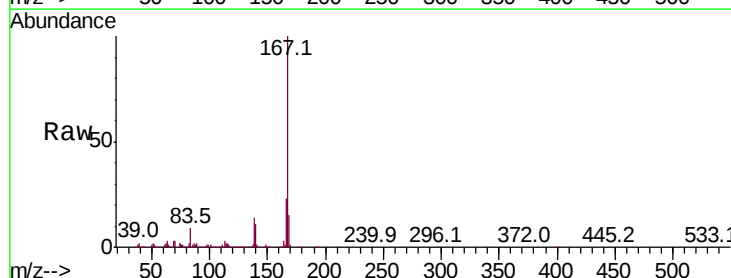
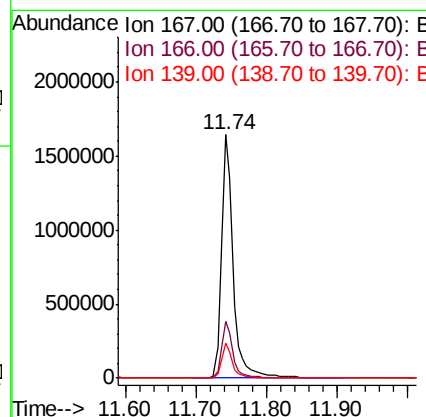
Manual Integrations
 APPROVED

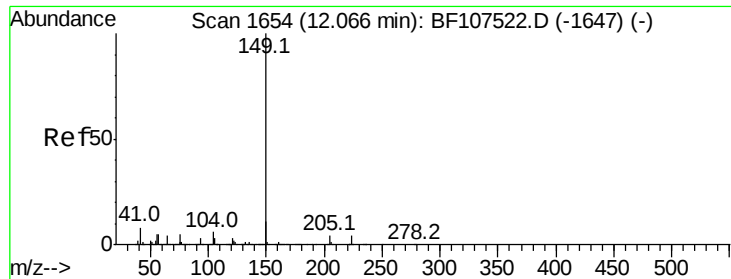
Sohil
 7/25/2018 12:57:56 PM



#72
 Carbazole
 Concen: 38.860 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.6	26.4
139	14.1	10.9	16.3





#73
Di-n-butylphthalate
Concen: 39.709 ng
RT: 12.05 min Scan# 1651
Delta R.T. -0.02 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

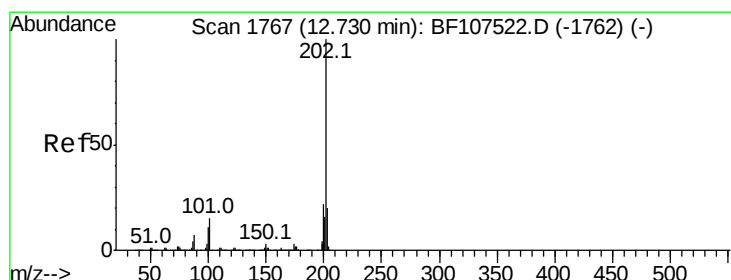
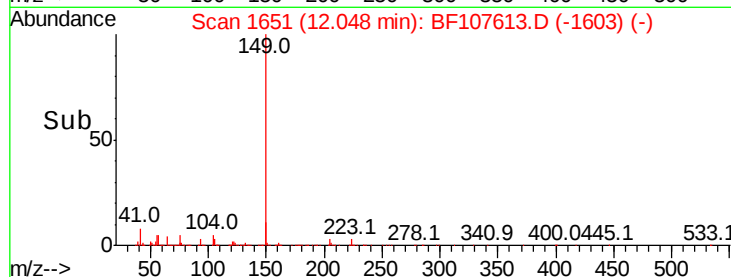
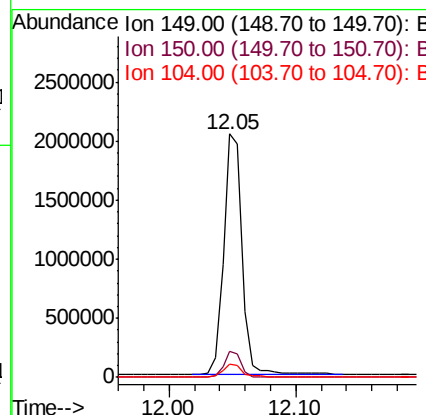
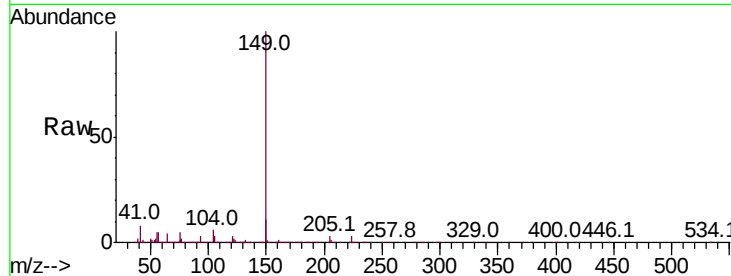
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 2079587

Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.8	11.6
104	5.6	3.8	5.8

Manual Integrations
APPROVED

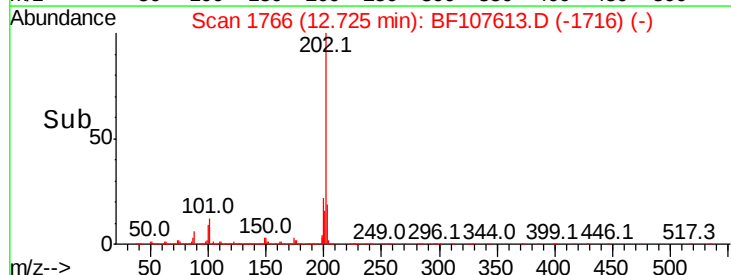
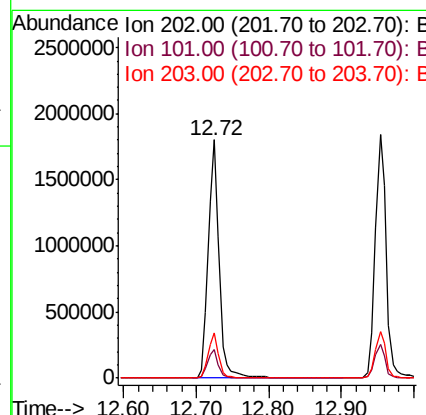
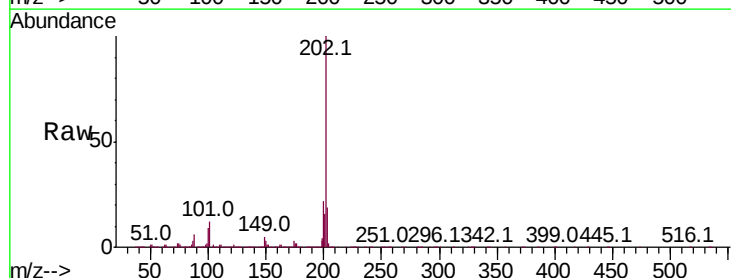
Sohil
7/25/2018 12:57:56 PM

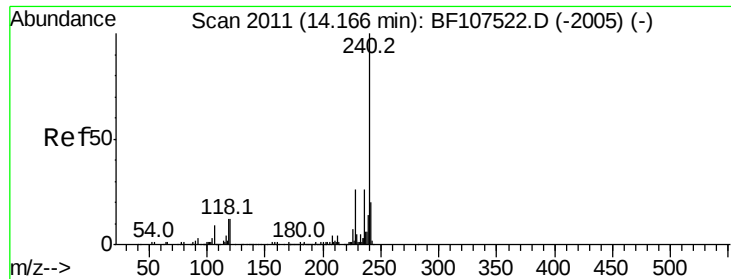


#74
Fluoranthene
Concen: 37.352 ng
RT: 12.72 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion:202 Resp: 1881904

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	19.1	0.0	38.1





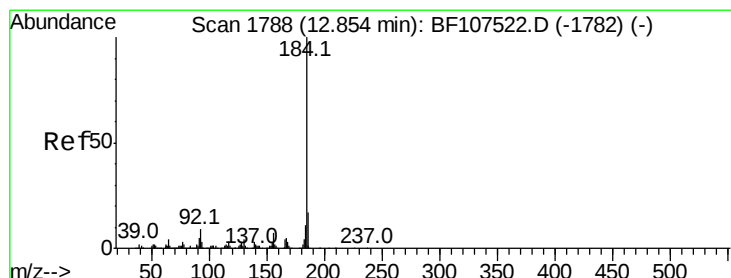
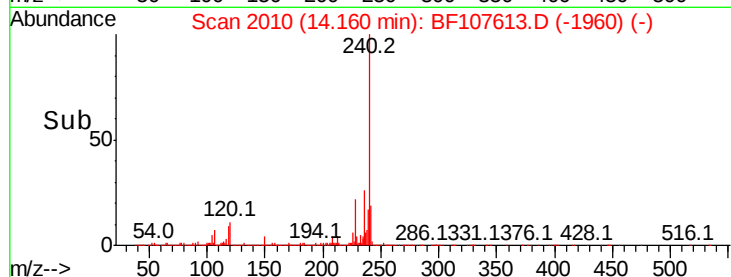
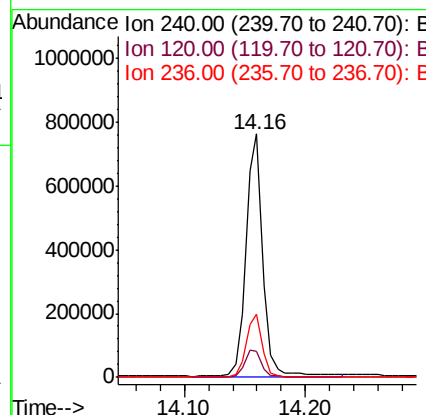
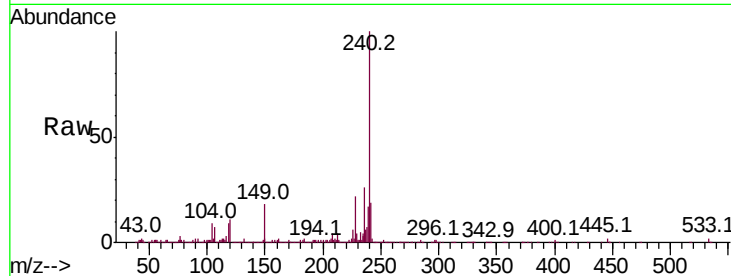
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	26.1	20.7	31.1

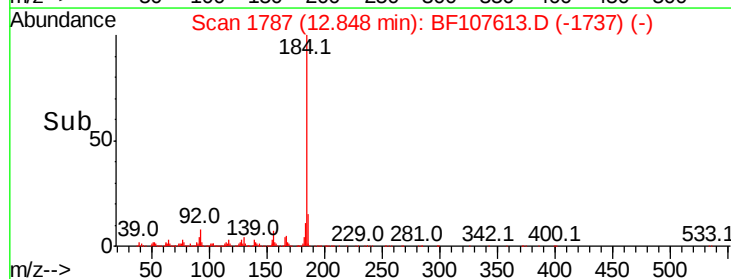
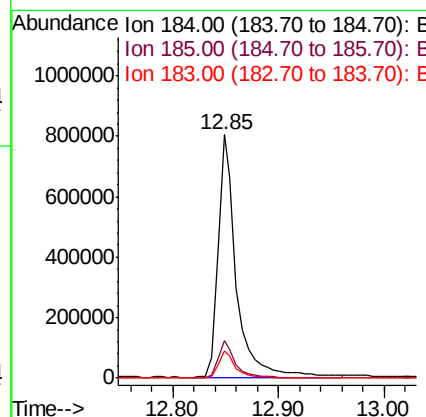
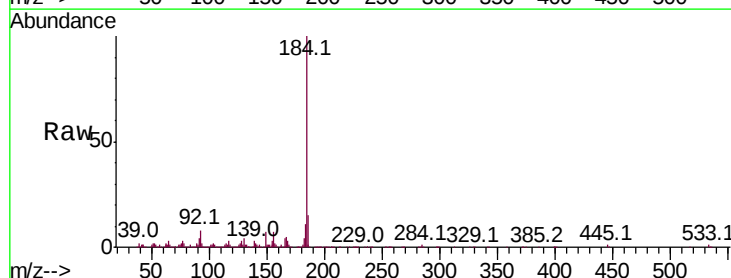
Manual Integrations
APPROVED

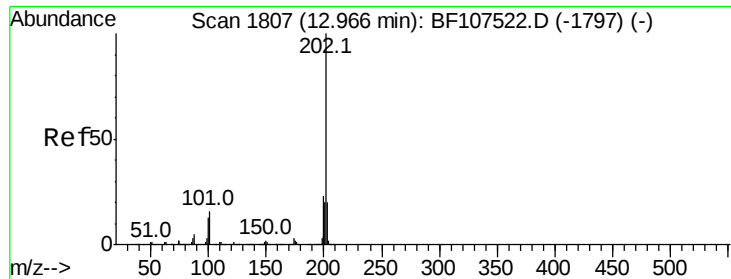
Sohil
7/25/2018 12:57:56 PM



#76
Benzidine
Concen: 45.966 ng
RT: 12.85 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.2	9.3	13.9





#77

Pvrene

Concen: 38.332 ng

RT: 12.95 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Instrument :

BNA_F

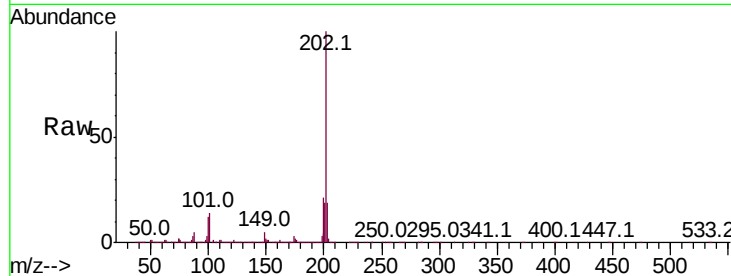
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1941070
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	19.2	14.3	21.5

Manual Integrations
APPROVED

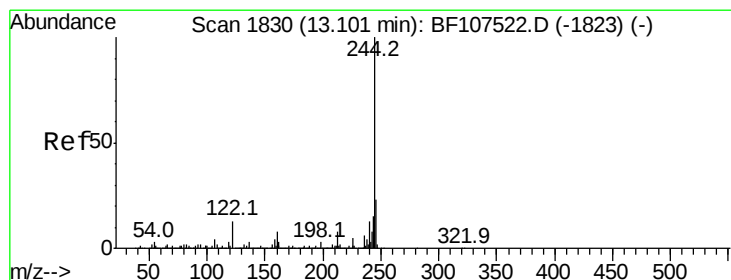
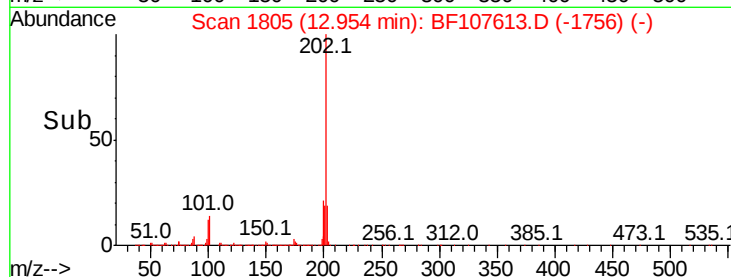
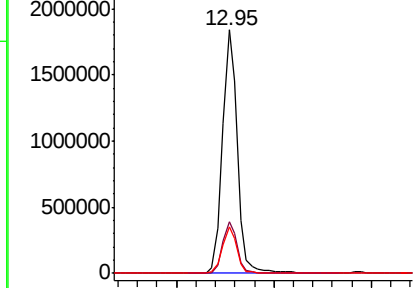
Sohil
7/25/2018 12:57:56 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.214 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107613.D

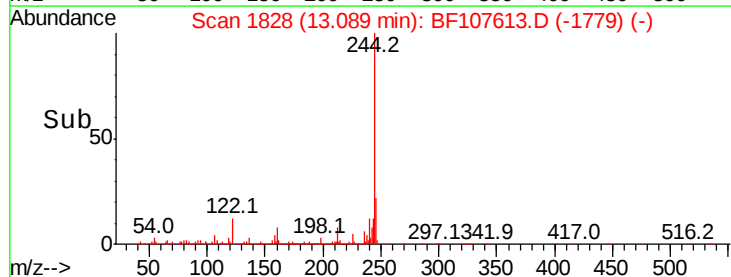
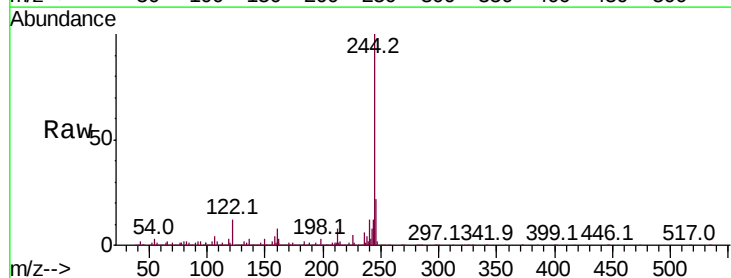
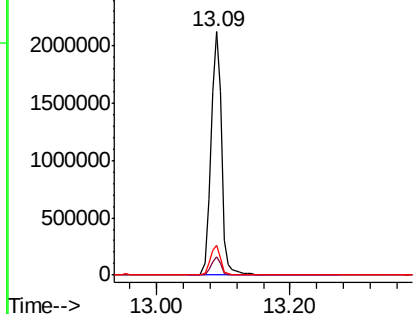
Acq: 24 Jul 2018 12:23

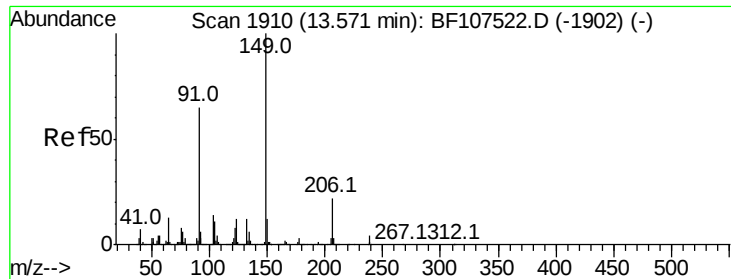
Tgt Ion:	244	Resp:	2377431
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	12.3	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





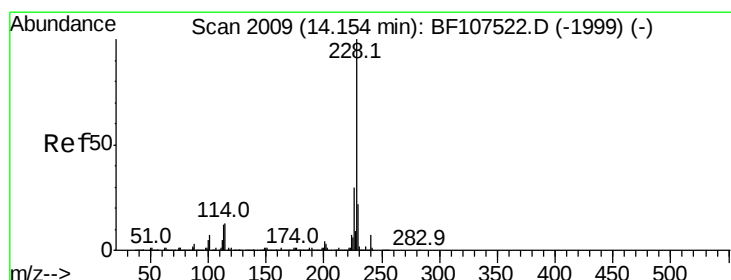
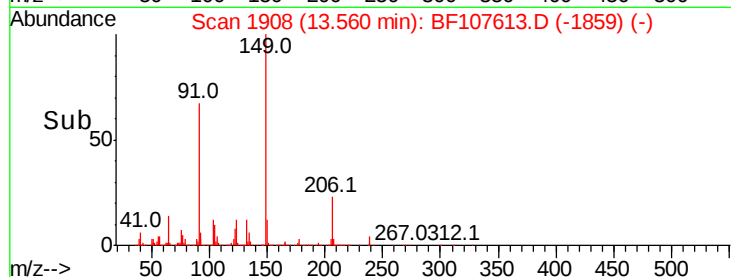
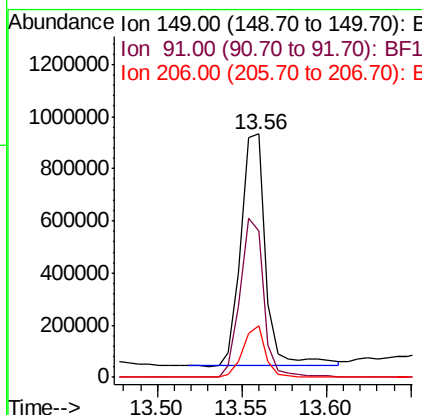
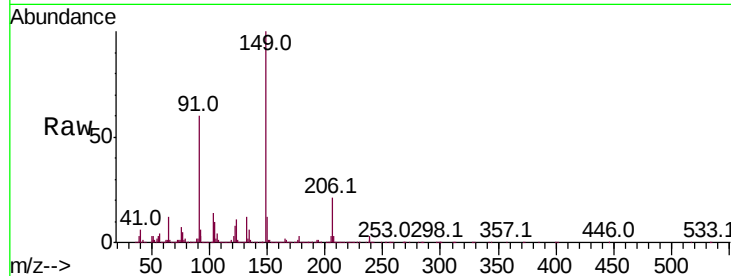
#79
Butylbenzylphthalate
Concen: 41.990 ng
RT: 13.56 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.1	56.8	85.2
206	21.0	14.1	21.1

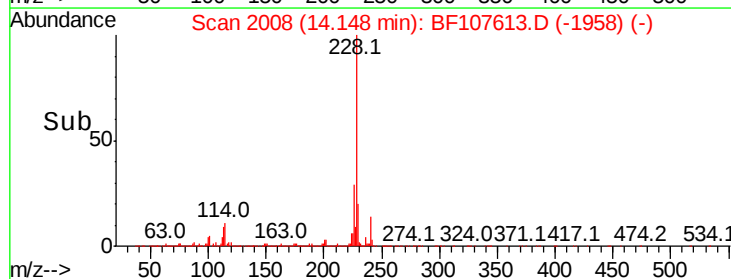
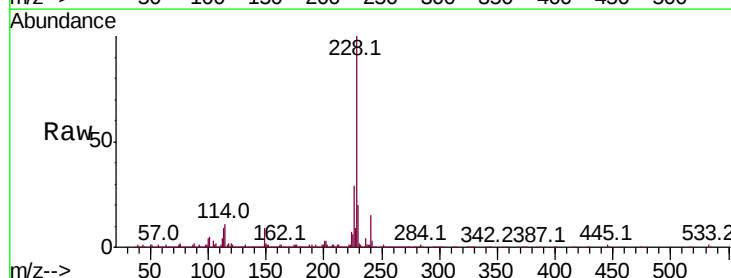
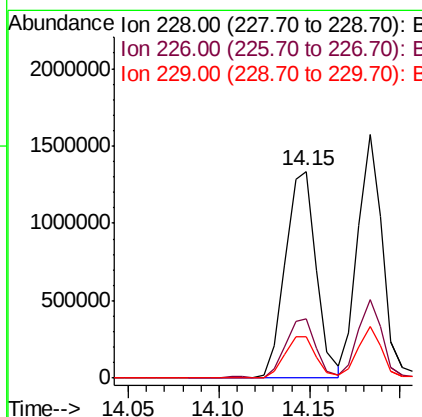
Manual Integrations
APPROVED

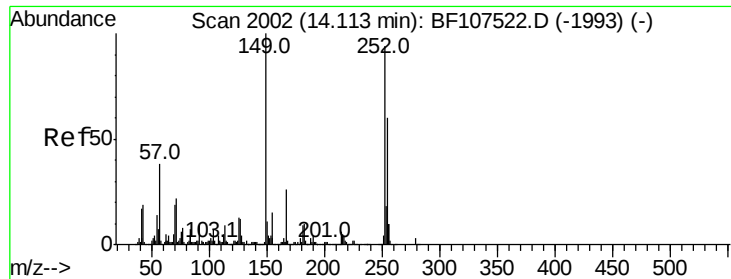
Sohil
7/25/2018 12:57:56 PM



#80
Benzo(a)anthracene
Concen: 36.772 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	19.9	15.8	23.6





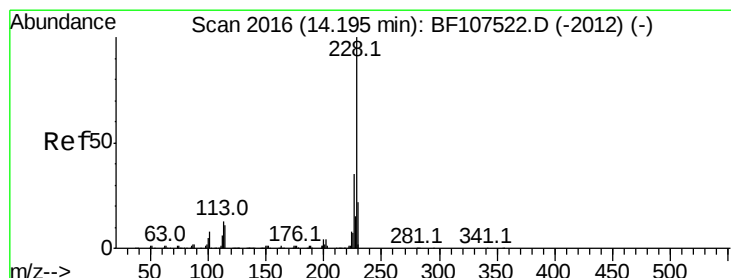
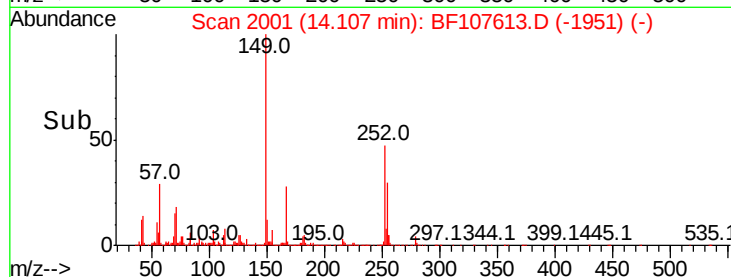
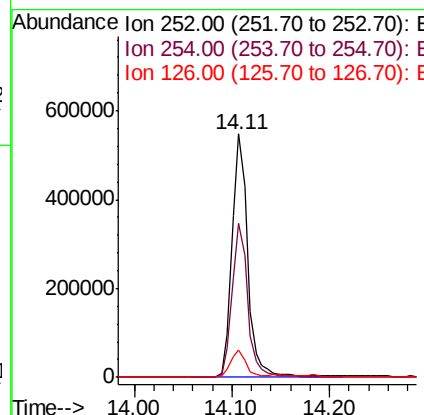
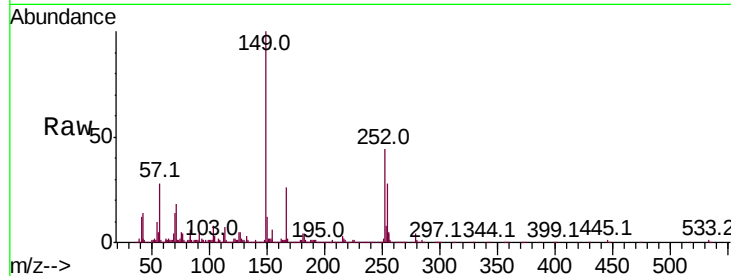
#81
 3,3'-Dichlorobenzidine
 Concen: 48.781 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.4	75.6
126	11.2	11.3	16.9#

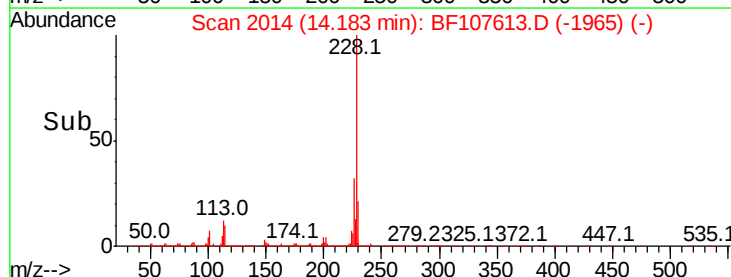
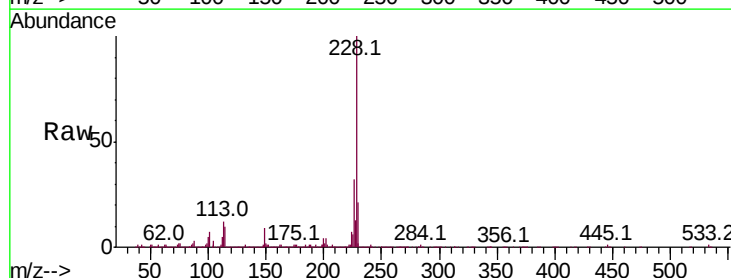
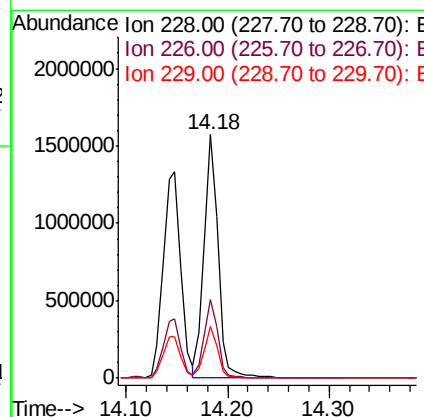
Manual Integrations
 APPROVED

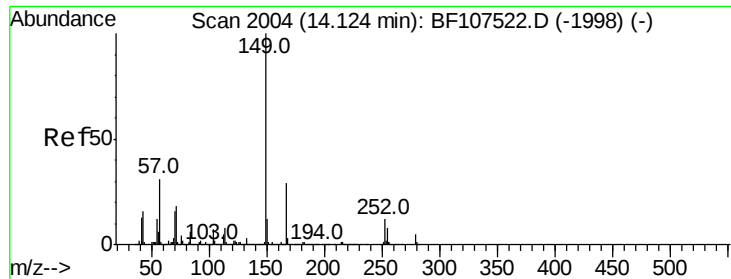
Sohil
 7/25/2018 12:57:56 PM



#82
 Chrysene
 Concen: 36.765 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.6
229	21.3	16.2	24.4





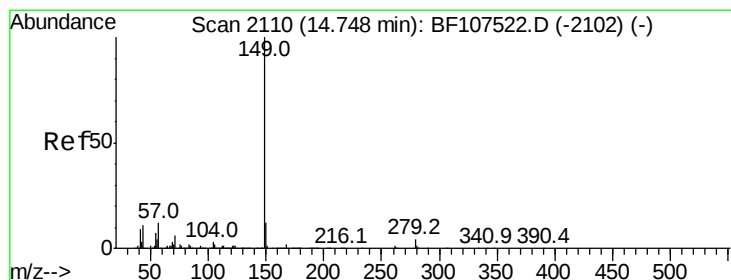
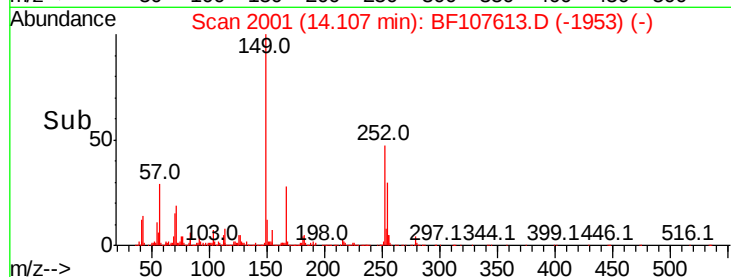
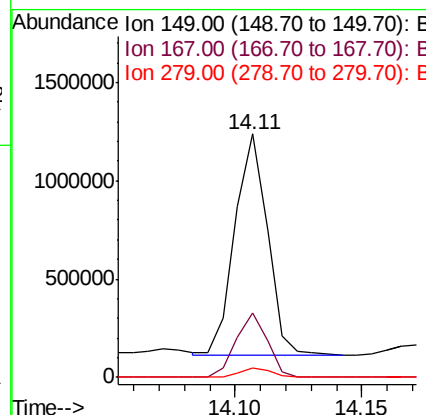
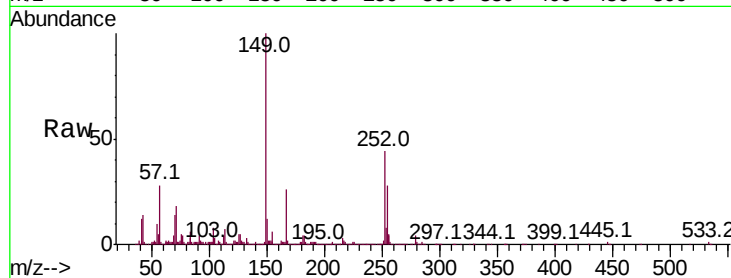
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.618 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1002273
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 3.9 3.0 4.4

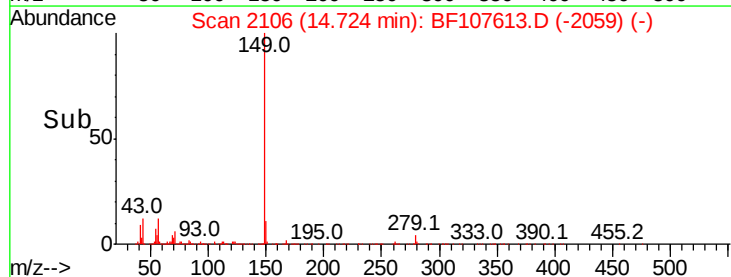
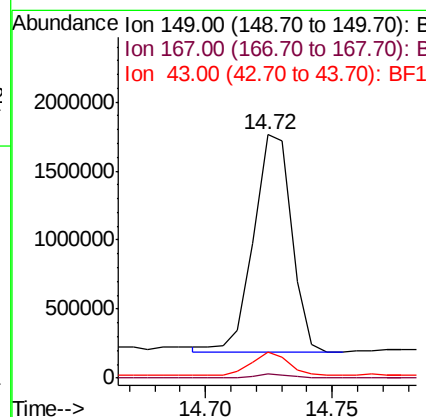
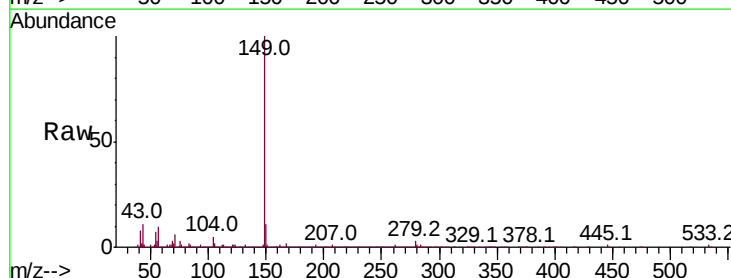
Manual Integrations
 APPROVED

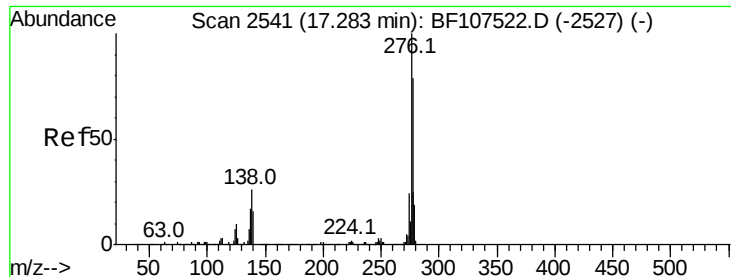
Sohil
 7/25/2018 12:57:56 PM



#84
 Di-n-octyl phthalate
 Concen: 35.036 ng
 RT: 14.72 min Scan# 2106
 Delta R.T. -0.02 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Tgt Ion:149 Resp: 1673390
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.2 8.4 12.6





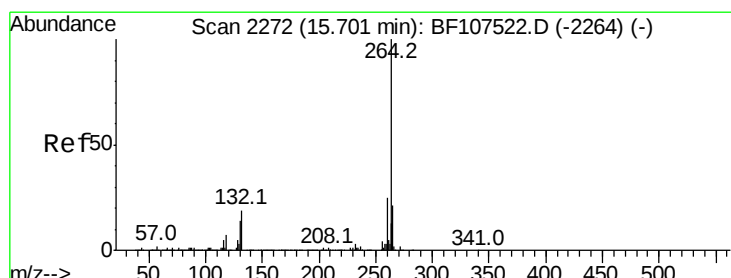
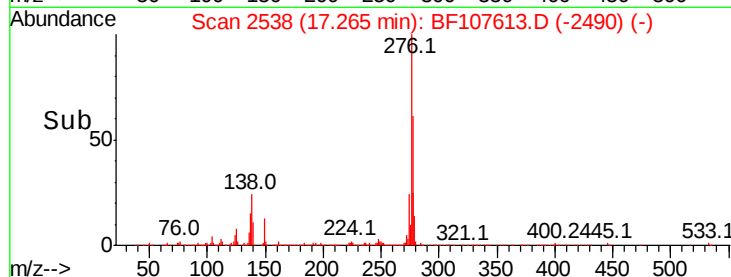
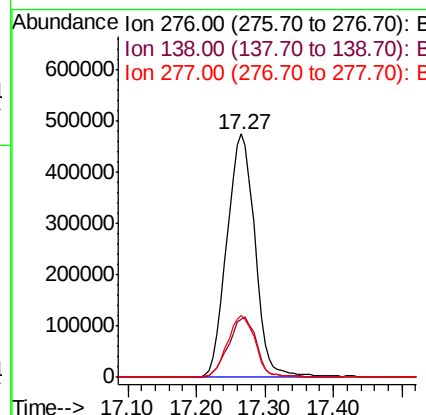
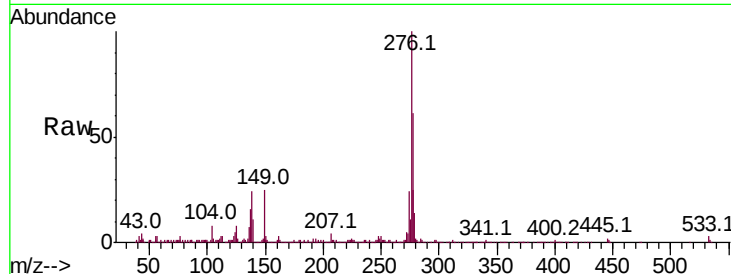
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.146 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:276 Resp: 1347346
Ion Ratio Lower Upper
276 100
138 24.5 25.0 37.6#
277 25.1 20.1 30.1

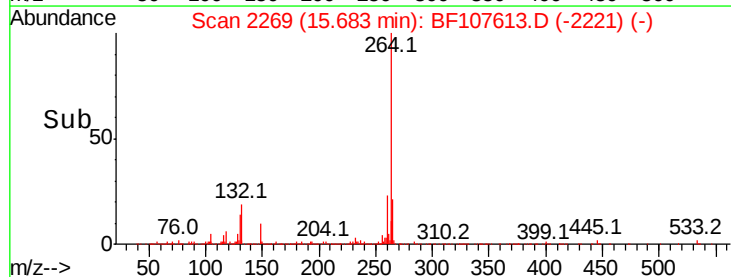
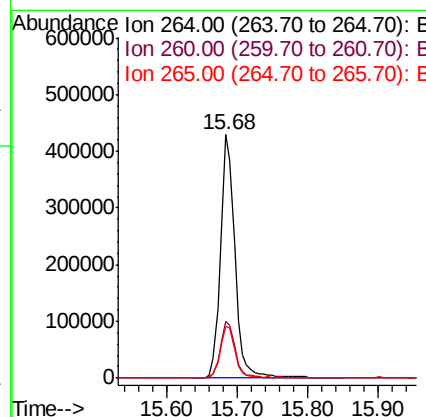
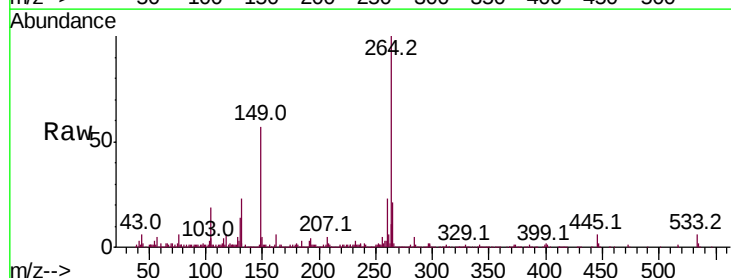
Manual Integrations
APPROVED

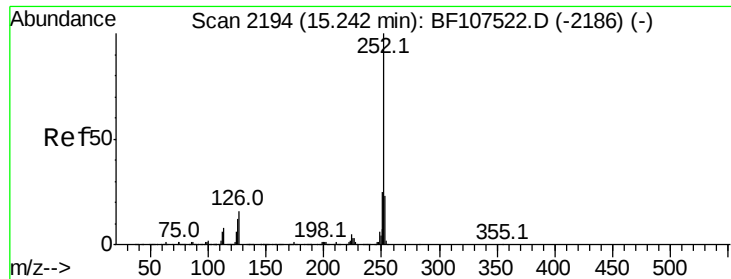
Sohil
7/25/2018 12:57:56 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107613.D
Acq: 24 Jul 2018 12:23

Tgt Ion:264 Resp: 610748
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.3 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 35.525 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

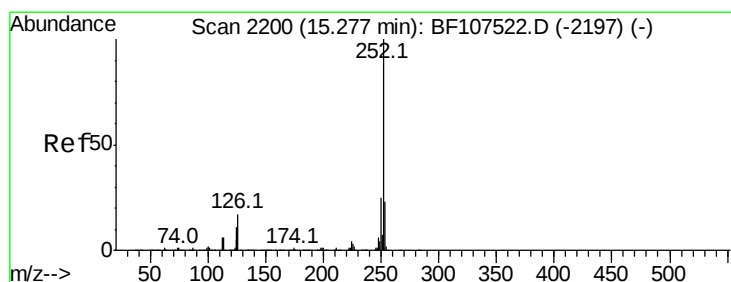
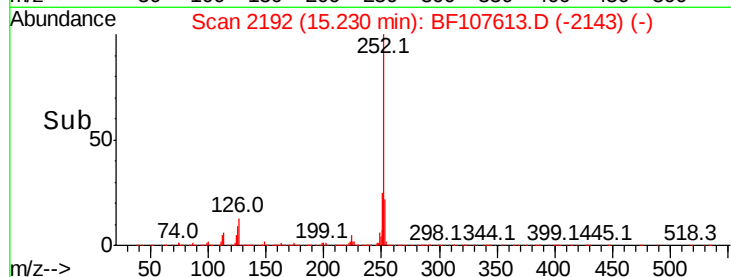
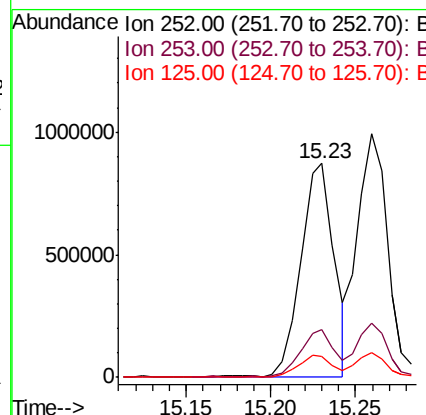
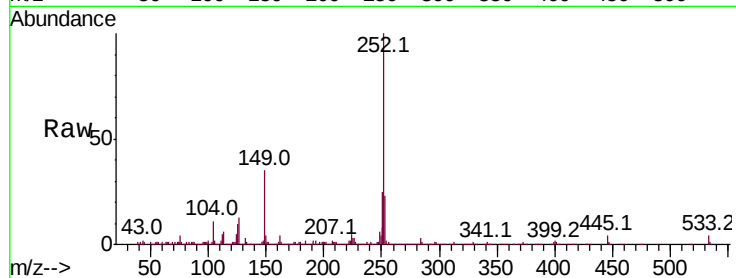
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1187444

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	9.5	9.0	13.6

Manual Integrations
APPROVED

Sohil
7/25/2018 12:57:56 PM



#88

Benzo(k)fluoranthene

Concen: 39.218 ng

RT: 15.26 min Scan# 2197

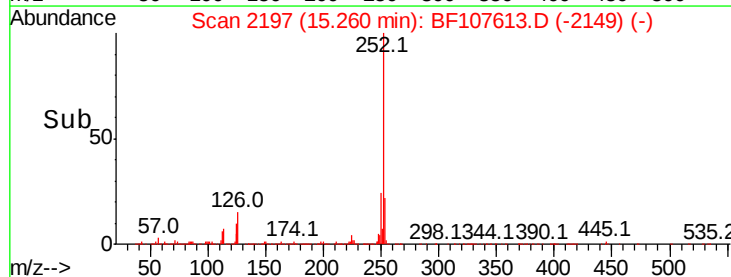
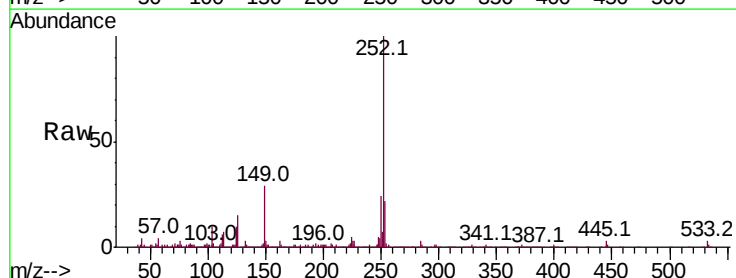
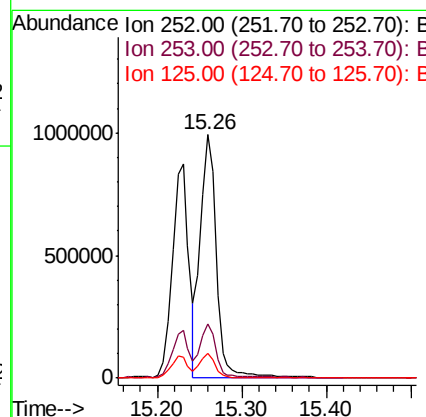
Delta R.T. -0.02 min

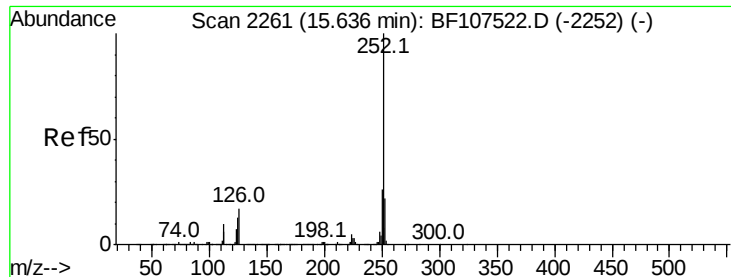
Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Tgt Ion:252 Resp: 1284291

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.2	10.2	15.2





#89

Benzo(a)pyrene

Concen: 37.682 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Instrument :

BNA_F

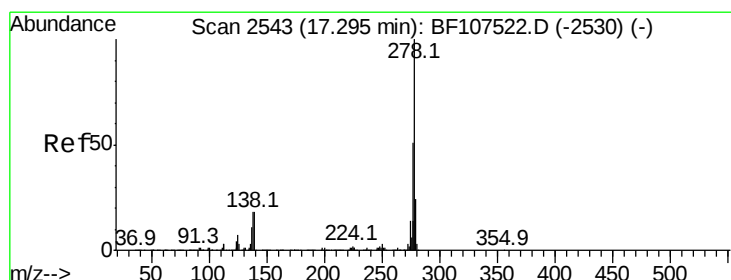
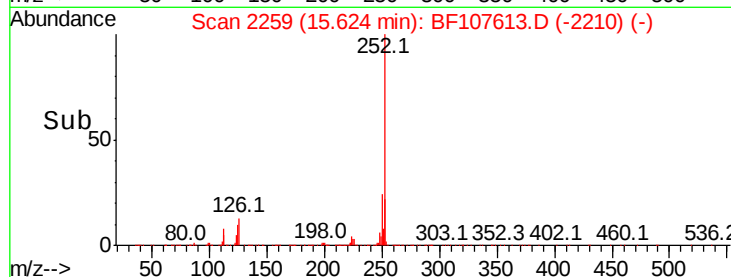
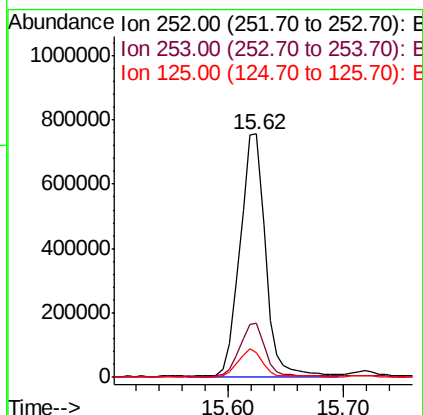
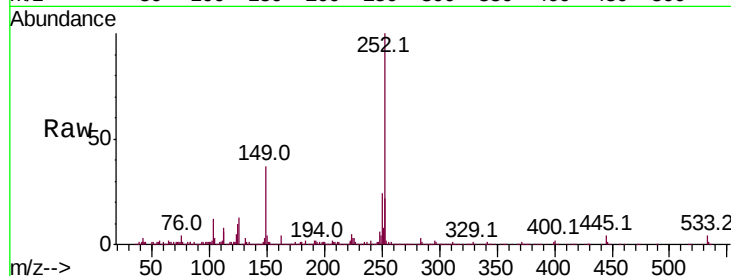
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	1152154
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	10.2	9.8	14.6

Manual Integrations
APPROVED

Sohil
7/25/2018 12:57:56 PM



#90

Dibenzo(a,h)anthracene

Concen: 42.361 ng

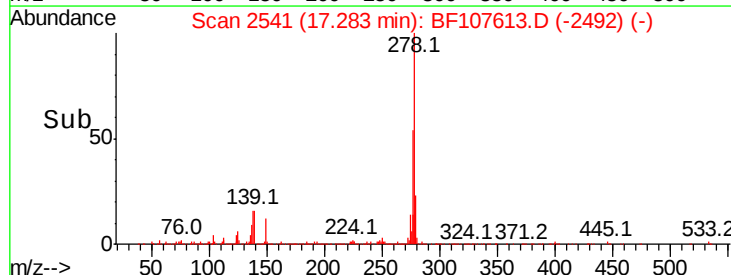
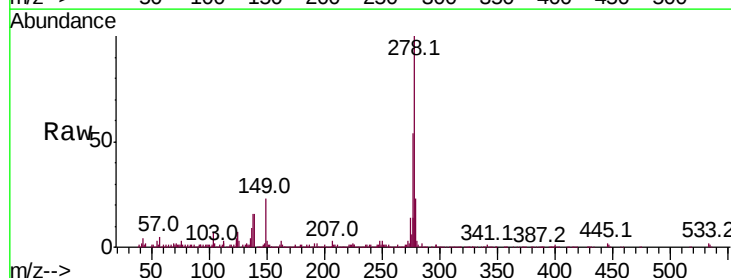
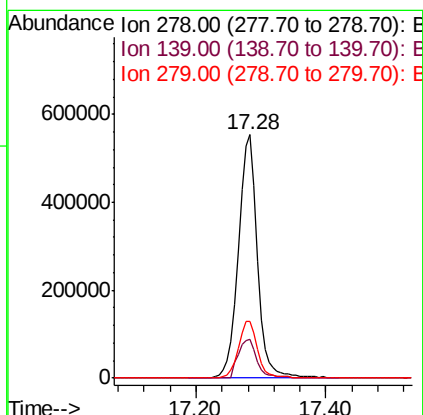
RT: 17.28 min Scan# 2541

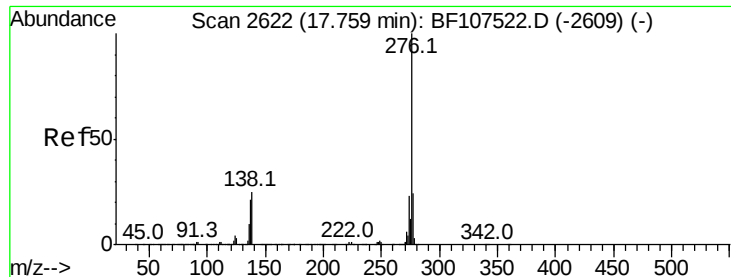
Delta R.T. -0.01 min

Lab File: BF107613.D

Acq: 24 Jul 2018 12:23

Tgt Ion:	278	Resp:	1119605
Ion	Ratio	Lower	Upper
278	100		
139	15.7	15.9	23.9#
279	23.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.652 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BF107613.D
 Acq: 24 Jul 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	21.5	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 7/25/2018 12:57:56 PM

