

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
 Data File : BF107194.D
 Acq On : 7 Jul 2018 9:47
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:07 PM

Quant Time: Jul 09 02:23:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	79739	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	329517	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	173573	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	343773	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	271315	20.00	ng	-0.02
86) Perylene-d12	15.68	264	229392	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	372613	79.13	ng	-0.01
7) Phenol-d6	6.60	99	469457	79.83	ng	-0.01
23) Nitrobenzene-d5	7.52	82	466510	78.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	161897	80.48	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	805133	77.15	ng	-0.02
78) Terphenyl-d14	13.07	244	907971	81.06	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	90183	37.251	ng	98
3) Pyridine	3.60	79	253112	38.550	ng	98
4) n-Nitrosodimethylamine	3.58	42	104062	37.316	ng	87
6) Aniline	6.62	93	314644	39.444	ng	# 82
8) 2-Chlorophenol	6.74	128	209604	40.582	ng	99
9) Benzaldehyde	6.51	77	148691	36.390	ng	97
10) Phenol	6.61	94	254365	37.901	ng	# 71
11) bis(2-Chloroethyl)ether	6.68	93	222535	40.165	ng	98
12) 1,3-Dichlorobenzene	6.89	146	246343	40.722	ng	99
13) 1,4-Dichlorobenzene	6.97	146	249244	40.754	ng	98
14) 1,2-Dichlorobenzene	7.12	146	225575	40.246	ng	99
15) Benzyl Alcohol	7.10	79	175481	37.163	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	267278	36.768	ng	# 34
17) 2-Methylphenol	7.21	107	197790	44.749	ng	# 93
18) Hexachloroethane	7.45	117	84768	39.414	ng	# 87
19) n-Nitroso-di-n-propylamine	7.37	70	151258	39.021	ng	91
20) 3+4-Methylphenols	7.37	107	212658	44.402	ng	# 74
22) Acetophenone	7.36	105	297587	40.367	ng	# 96
24) Nitrobenzene	7.54	77	232631	38.428	ng	97
25) Isophorone	7.77	82	417019	39.912	ng	98
26) 2-Nitrophenol	7.85	139	123415	43.186	ng	98
27) 2,4-Dimethylphenol	7.89	122	179834	40.713	ng	100
28) bis(2-Chloroethoxy)methane	7.97	93	280575	39.994	ng	99
29) 2,4-Dichlorophenol	8.10	162	195591	42.296	ng	93
30) 1,2,4-Trichlorobenzene	8.17	180	223196	43.813	ng	98
31) Naphthalene	8.25	128	619074	40.184	ng	99
32) Benzoic acid	8.04	122	105414	34.623	ng	98
33) 4-Chloroaniline	8.31	127	267884	41.441	ng	99
34) Hexachlorobutadiene	8.36	225	149089	44.914	ng	97
35) Caprolactam	8.70	113	62990m	41.787	ng	
36) 4-Chloro-3-methylphenol	8.80	107	202800	41.664	ng	97
37) 2-Methylnaphthalene	8.95	142	439411	43.031	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	233647	39.971	ng	# 95
40) Hexachlorocyclopentadiene	9.09	237	131342	43.672	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
 Data File : BF107194.D
 Acq On : 7 Jul 2018 9:47
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

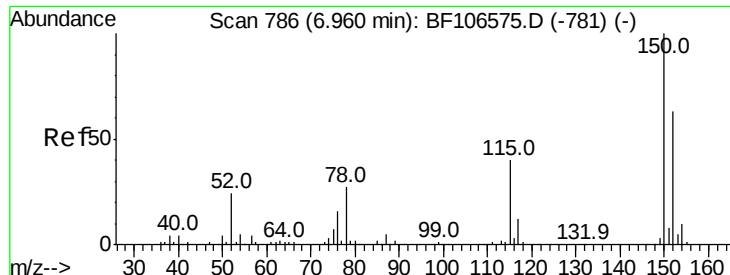
Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:07 PM

Quant Time: Jul 09 02:23:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	134783	34.688	nq	93
43) 2,4,5-Trichlorophenol	9.28	196	139074	34.302	nq	# 86
45) 1,1'-Biphenyl	9.41	154	541015	39.111	nq	98
46) 2-Chloronaphthalene	9.44	162	401297	36.855	nq	95
47) 2-Nitroaniline	9.54	65	132903	36.298	nq	94
48) Acenaphthylene	9.86	152	618695	35.990	nq	99
49) Dimethylphthalate	9.71	163	477669	36.692	nq	98
50) 2,6-Dinitrotoluene	9.78	165	110946	40.247	nq	93
51) Acenaphthene	10.03	154	393924	36.390	nq	97
52) 3-Nitroaniline	9.96	138	124114	39.126	nq	98
53) 2,4-Dinitrophenol	10.08	184	51936	39.165	nq	# 15
54) Dibenzofuran	10.20	168	562333	37.936	nq	97
55) 4-Nitrophenol	10.14	139	77501	35.002	nq	98
56) 2,4-Dinitrotoluene	10.20	165	133337	37.057	nq	94
57) Fluorene	10.55	166	461842	39.264	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	112927	35.039	nq	# 77
59) Diethylphthalate	10.41	149	448670	35.709	nq	# 93
60) 4-Chlorophenyl-phenylether	10.53	204	247075	40.145	nq	# 85
61) 4-Nitroaniline	10.58	138	122642	38.956	nq	95
62) Azobenzene	10.69	77	420695	34.001	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	81629	38.413	nq	# 68
65) n-Nitrosodiphenylamine	10.65	169	420725	36.386	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	166879	40.675	nq	# 83
67) Hexachlorobenzene	11.10	284	179546	41.812	nq	# 83
68) Atrazine	11.18	200	144194	39.227	nq	94
69) Pentachlorophenol	11.30	266	76926	35.903	nq	96
70) Phenanthrene	11.51	178	669118	40.355	nq	99
71) Anthracene	11.57	178	678768	40.106	nq	99
72) Carbazole	11.72	167	622509	39.287	nq	99
73) Di-n-butylphthalate	12.03	149	682692	36.572	nq	99
74) Fluoranthene	12.71	202	725083	39.675	nq	96
76) Benzidine	12.82	184	270914	35.061	nq	97
77) Pyrene	12.94	202	746605	41.730	nq	100
79) Butylbenzylphthalate	13.54	149	279587	38.008	nq	# 90
80) Benzo(a)anthracene	14.13	228	656381	39.694	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	206619	35.552	nq	# 96
82) Chrysene	14.17	228	601157	39.516	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	325902	34.654	nq	# 97
84) Di-n-octyl phthalate	14.71	149	566492	36.954	nq	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	535406	41.472	nq	# 90
87) Benzo(b)fluoranthene	15.22	252	567815	39.848	nq	# 96
88) Benzo(k)fluoranthene	15.25	252	511251	37.675	nq	# 95
89) Benzo(a)pyrene	15.61	252	496378	39.185	nq	# 96
90) Dibenzo(a,h)anthracene	17.28	278	448378	41.765	nq	# 93
91) Benzo(g,h,i)perylene	17.75	276	455447	43.404	nq	# 90

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



#1

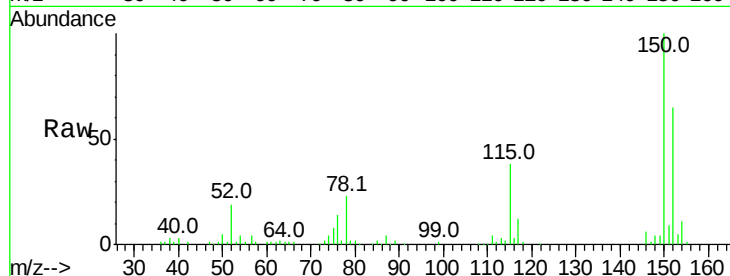
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

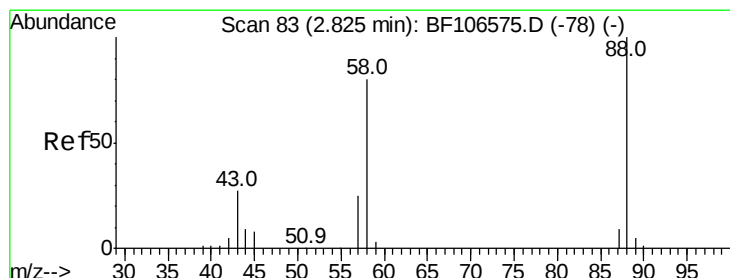
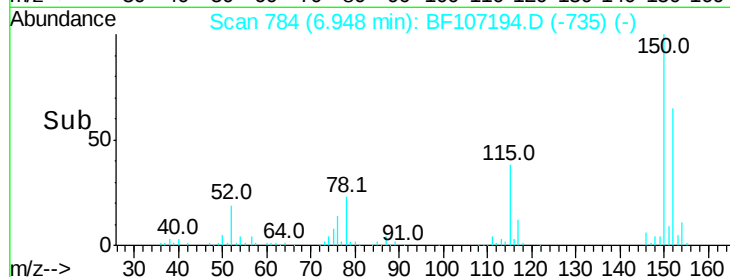
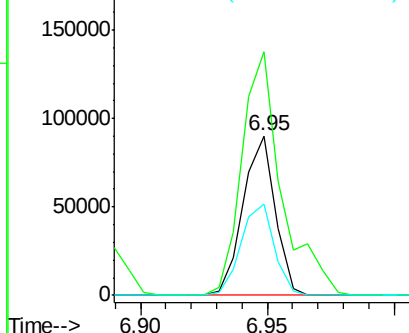
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	186.8
115	57.7	50.1	75.1

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



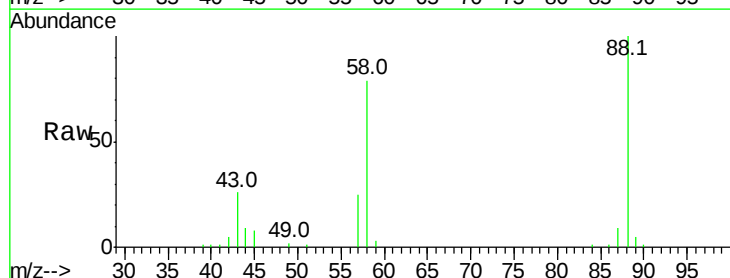
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



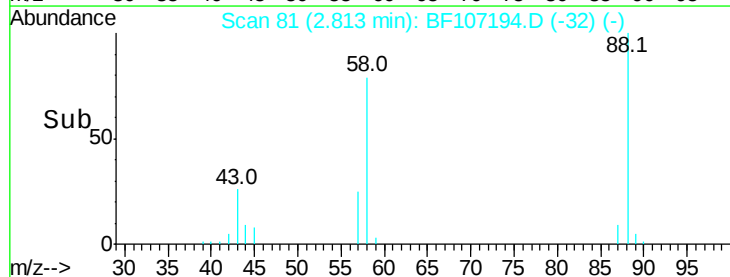
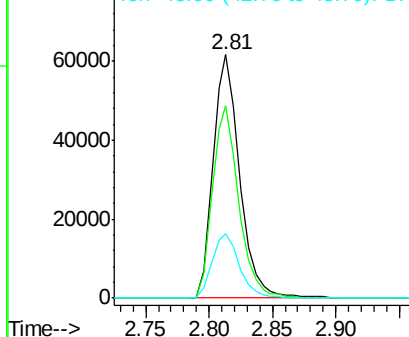
#2

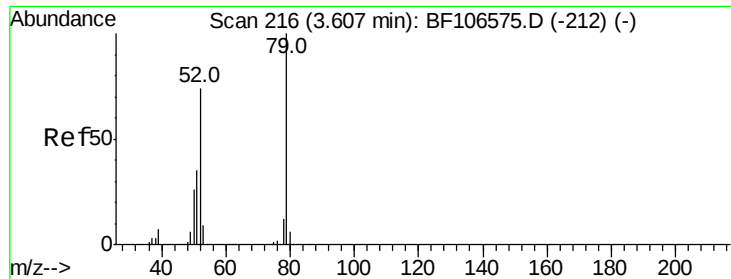
1,4-Dioxane
Concen: 37.251 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	62.6	93.8
43	27.0	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: 38.550 ng

RT: 3.60 min Scan# 214

Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

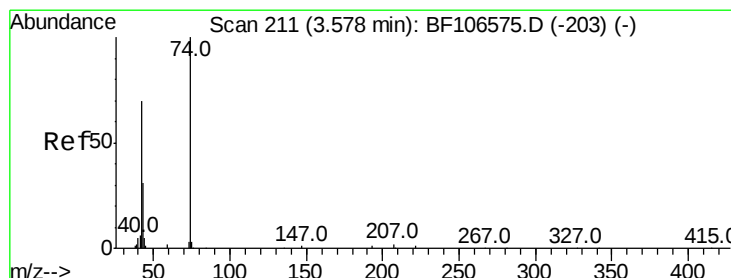
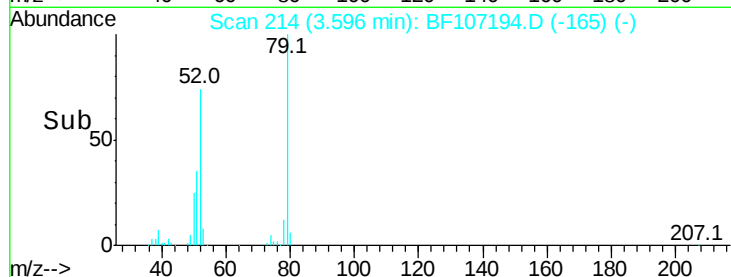
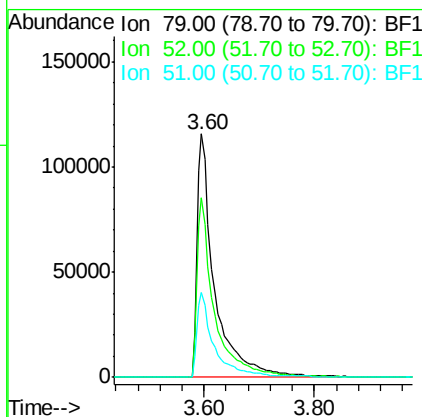
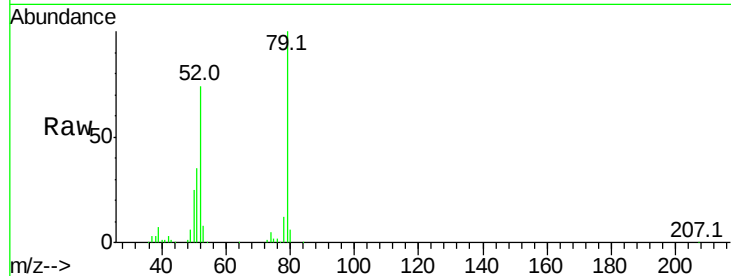
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	253112
Ion Ratio	Lower	Upper	
79	100		
52	74.0	59.8	89.6
51	34.8	29.8	44.8

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



#4

n-Nitrosodimethylamine

Concen: 37.316 ng

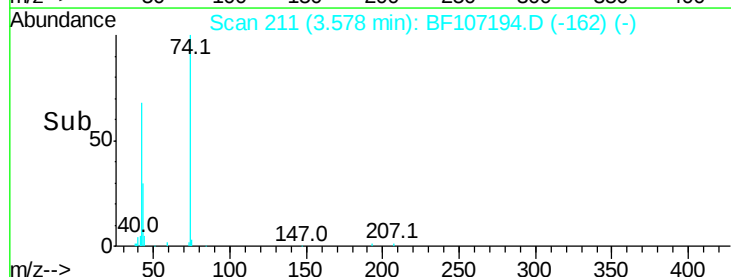
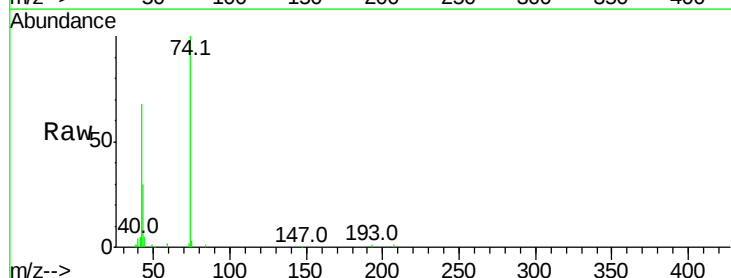
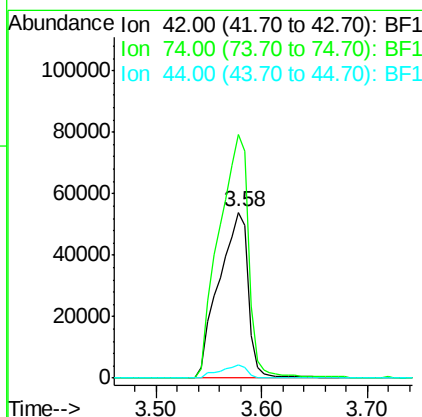
RT: 3.58 min Scan# 211

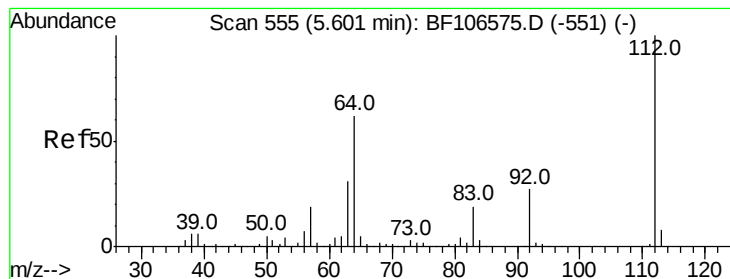
Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Tgt Ion:	42	Resp:	104062
Ion Ratio	Lower	Upper	
42	100		
74	146.7	104.9	157.3
44	7.9	6.9	10.3





#5

2-Fluorophenol

Concen: 79.127 ng

RT: 5.59 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

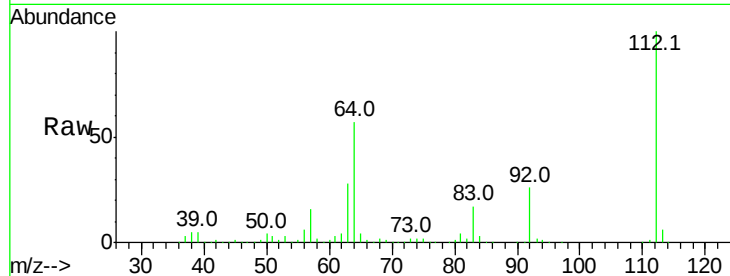
ClientSampleId :

SSTDCCC040

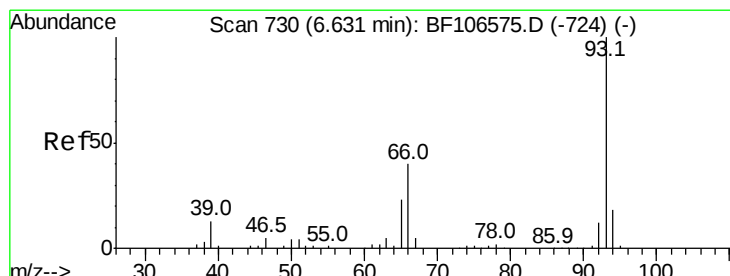
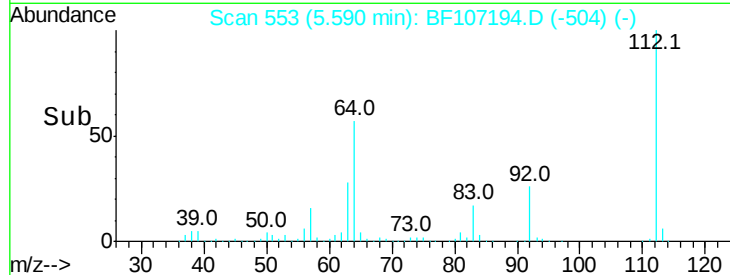
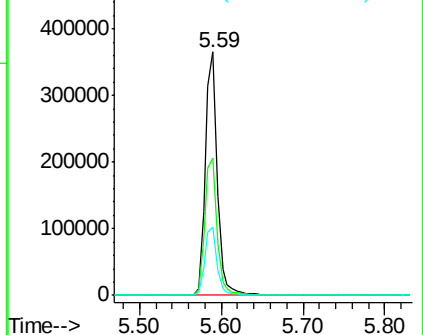
Tot Ion:	112	Resp:	372613
Ion Ratio	Lower	Upper	
112	100		
64	56.6	47.9	71.9
63	27.8	23.7	35.5

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 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: 39.444 ng

RT: 6.62 min Scan# 728

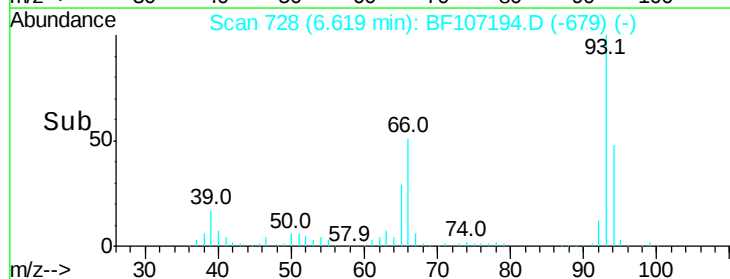
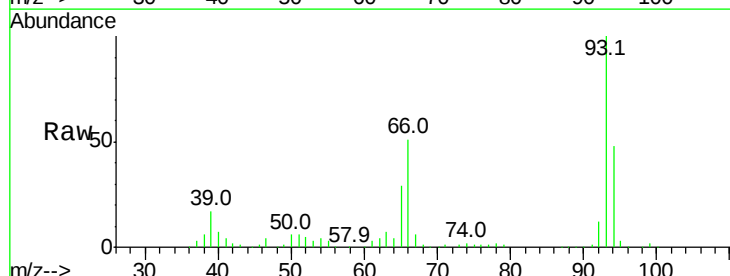
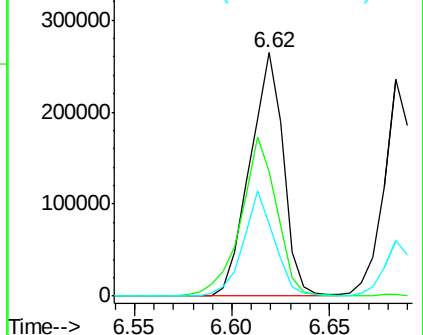
Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Tgt Ion:	93	Resp:	314644
Ion Ratio	Lower	Upper	
93	100		
66	50.9	32.2	48.2#
65	29.4	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: 79.830 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

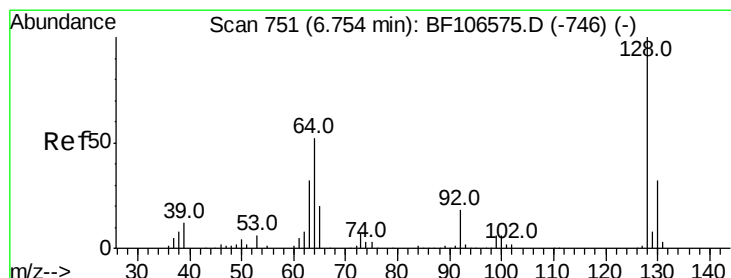
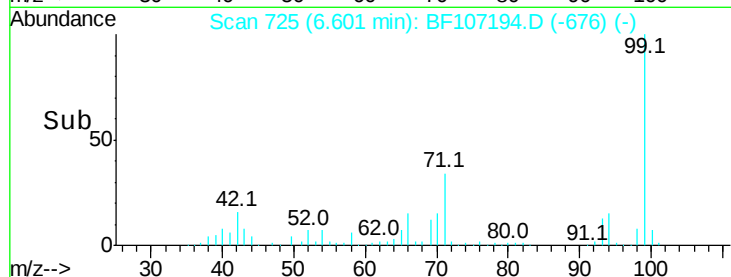
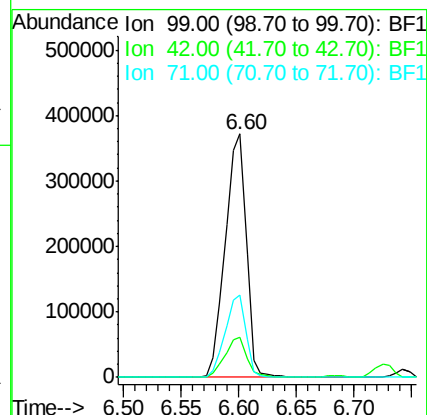
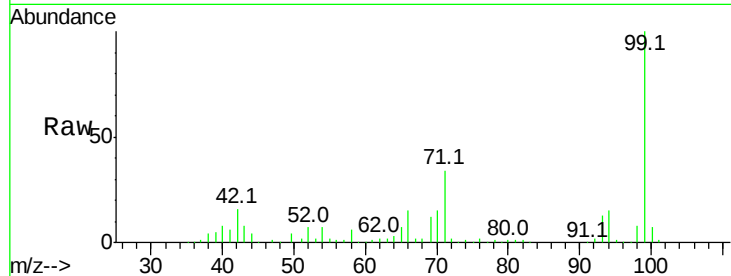
ClientSampled :

SSTDCCC040

Tot Ion:	99	Resp:	469457
Ion Ratio	Lower	Upper	
99	100		
42	16.2	14.5	21.7
71	33.7	25.4	38.0

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



#8

2-Chlorophenol

Concen: 40.582 ng

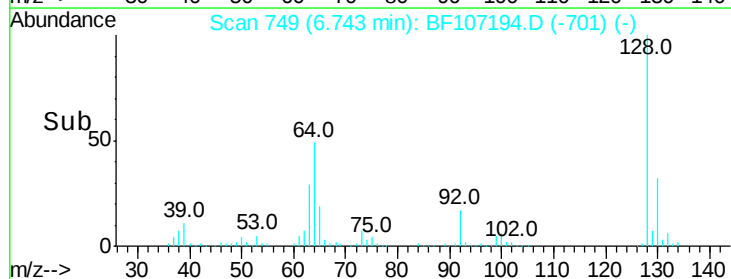
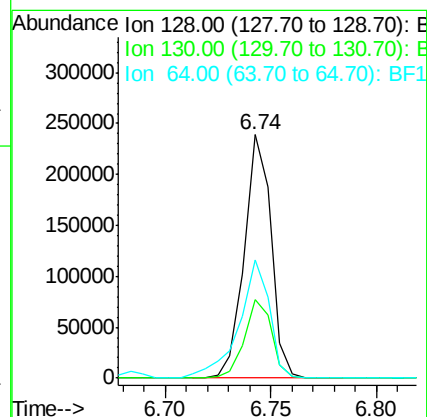
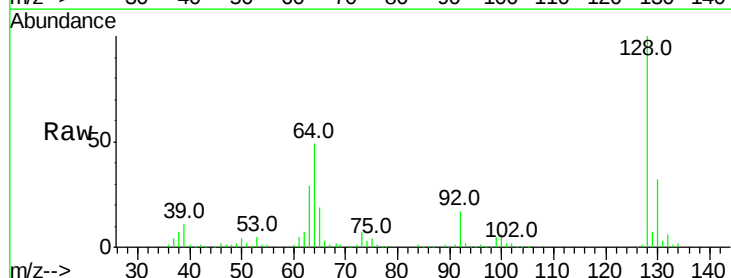
RT: 6.74 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Tgt Ion:	128	Resp:	209604
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.0	53.0
64	48.7	29.4	69.4





#9

Benzaldehyde

Concen: 36.390 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 148691

Ion Ratio Lower Upper

77 100

105 102.9 81.1 121.1

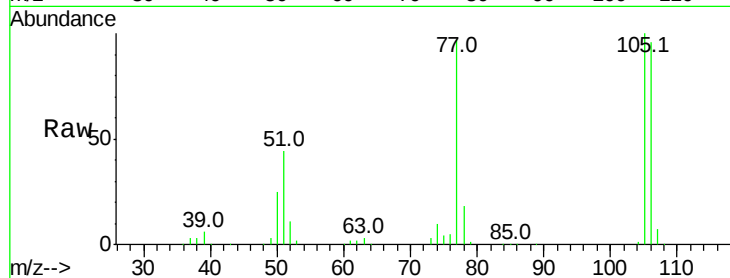
106 99.2 74.5 114.5

Manual Integrations

APPROVED

Sohil

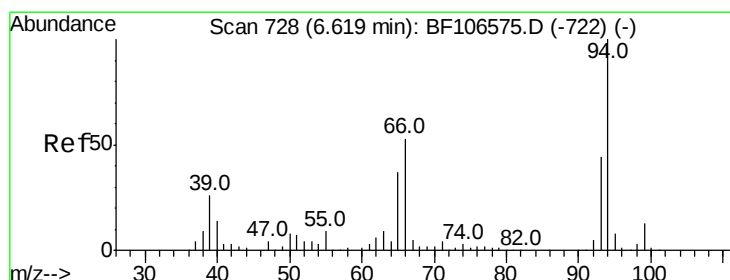
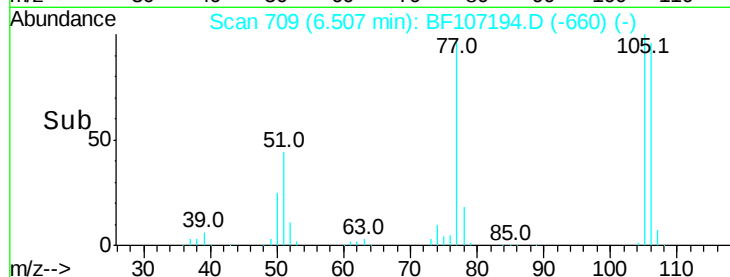
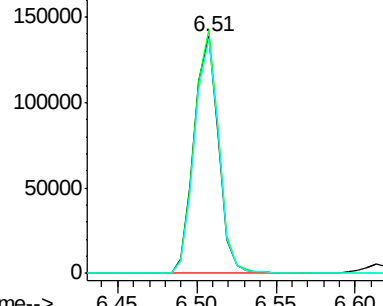
7/9/2018 2:06:07 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.901 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

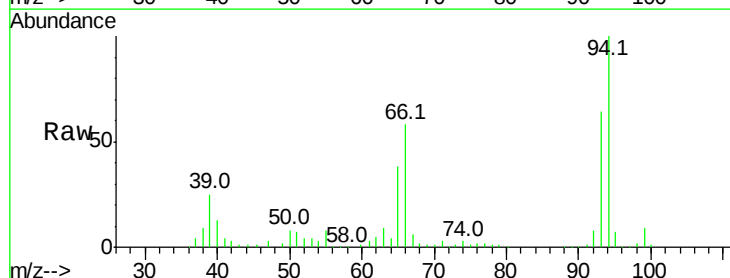
Tgt Ion: 94 Resp: 254365

Ion Ratio Lower Upper

94 100

65 38.4 7.9 47.9

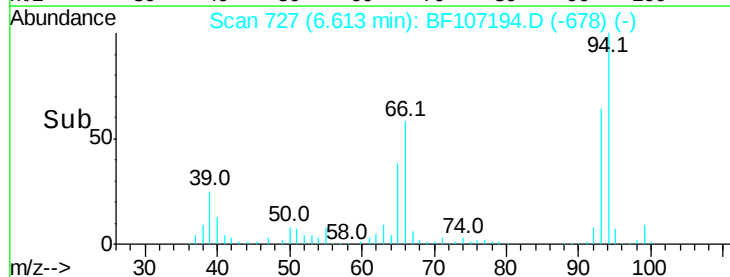
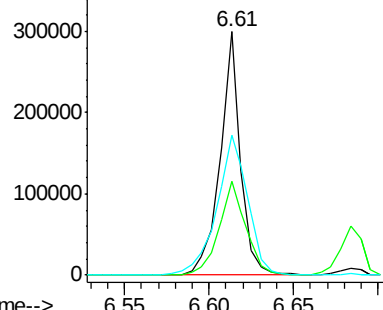
66 57.7 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





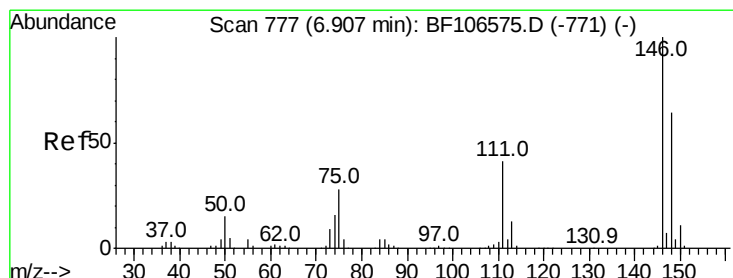
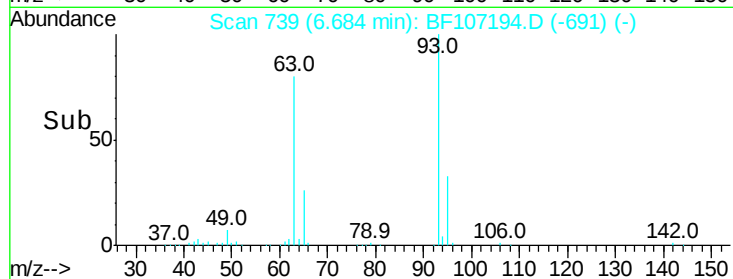
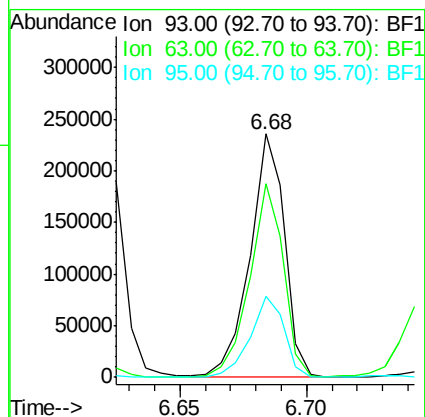
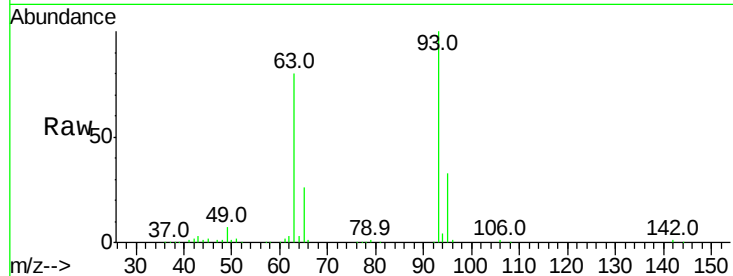
#11
bis(2-Chloroethyl)ether
Concen: 40.165 ng
RT: 6.68 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	222535
Ion Ratio	Lower	Upper	
93	100		
63	79.6	58.6	98.6
95	33.3	11.8	51.8

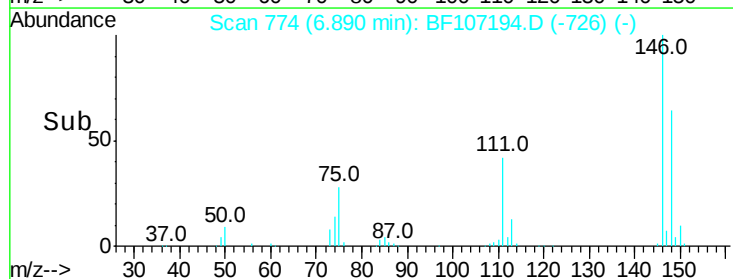
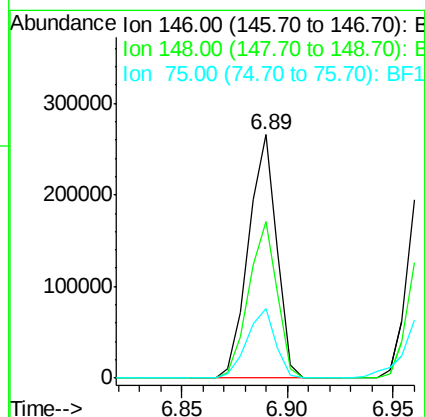
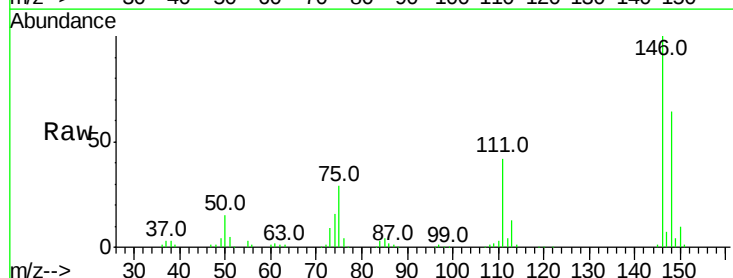
Manual Integrations
APPROVED

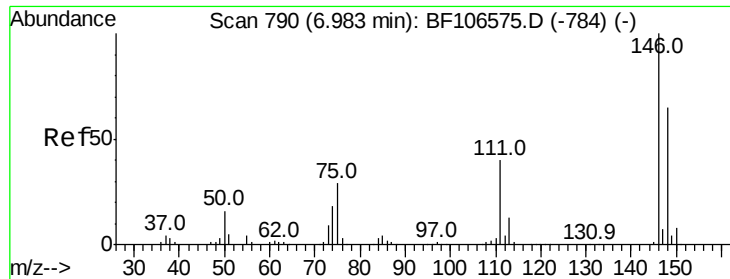
Sohil
7/9/2018 2:06:07 PM



#12
1,3-Dichlorobenzene
Concen: 40.722 ng
RT: 6.89 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion:	146	Resp:	246343
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.8
75	28.8	24.2	36.4





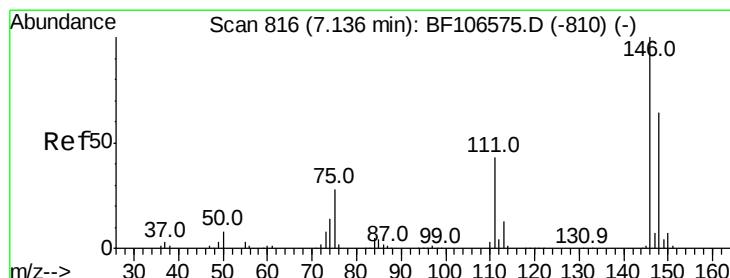
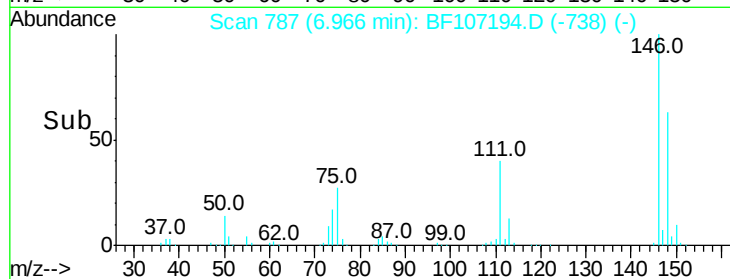
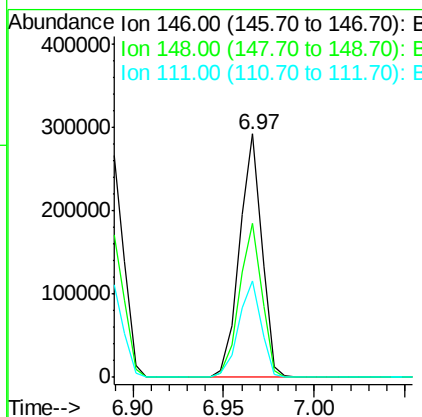
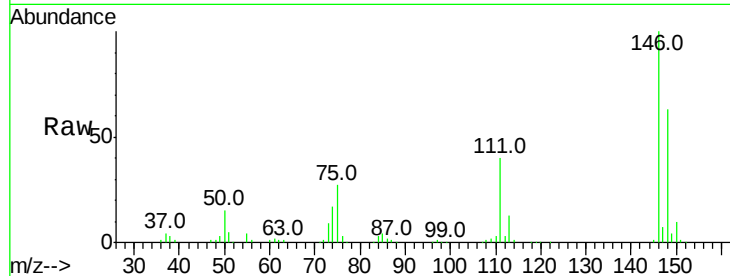
#13
 1,4-Dichlorobenzene
 Concen: 40.754 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	39.8	34.2	51.2

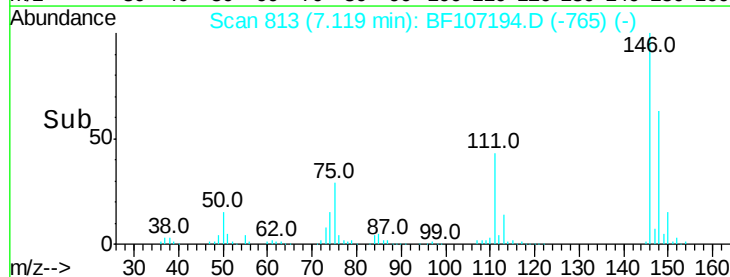
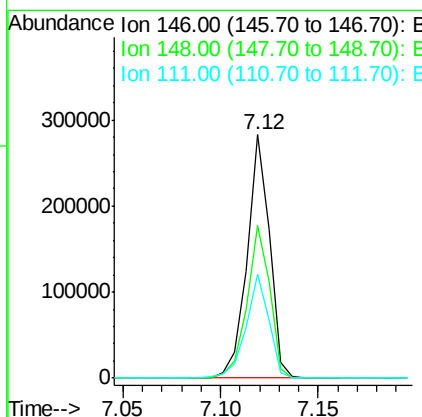
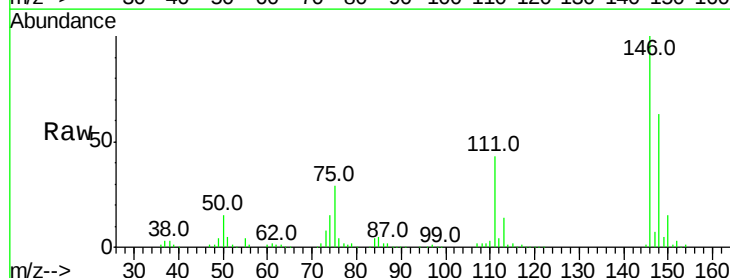
Manual Integrations
 APPROVED

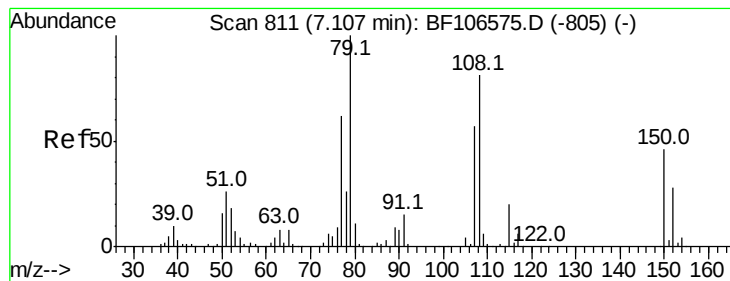
Sohil
 7/9/2018 2:06:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.246 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	43.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.163 ng

RT: 7.10 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

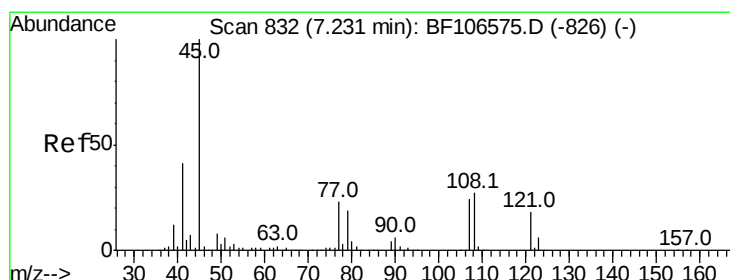
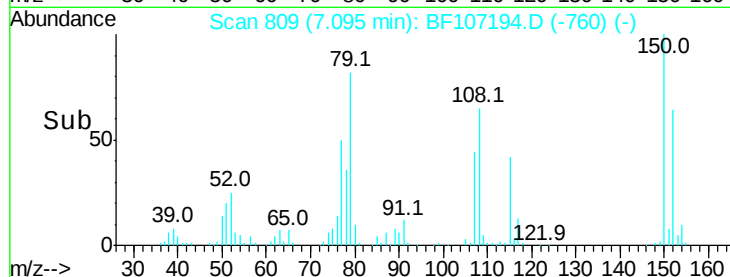
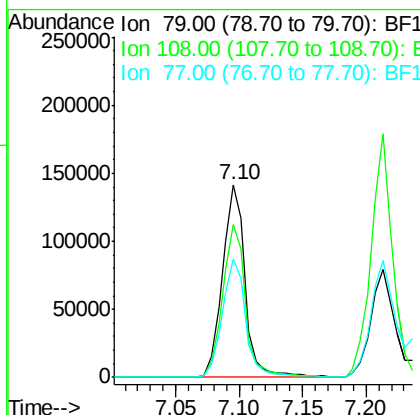
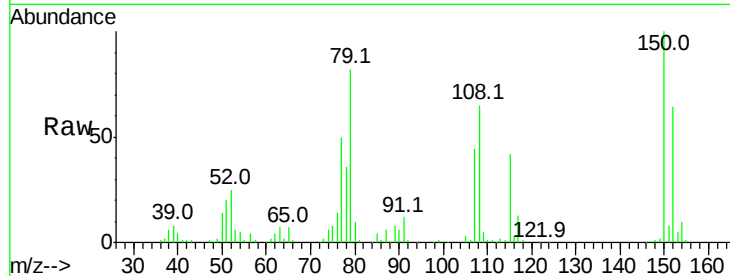
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	175481
Ion Ratio	Lower	Upper	
79	100		
108	79.4	65.1	97.7
77	61.6	50.6	75.8

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.768 ng

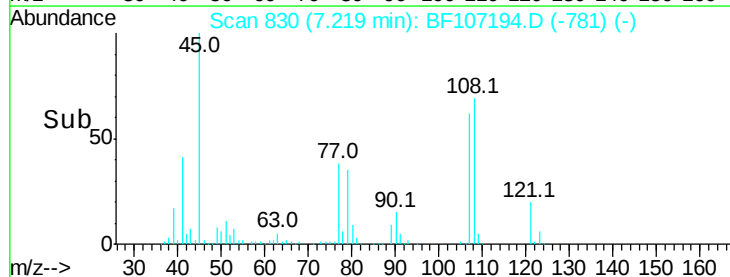
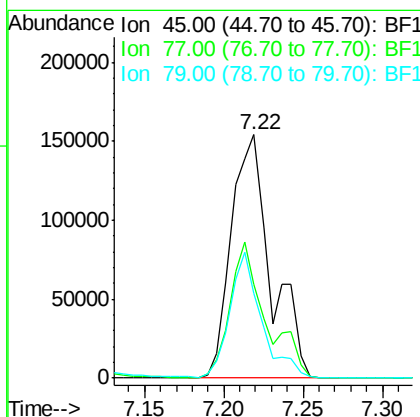
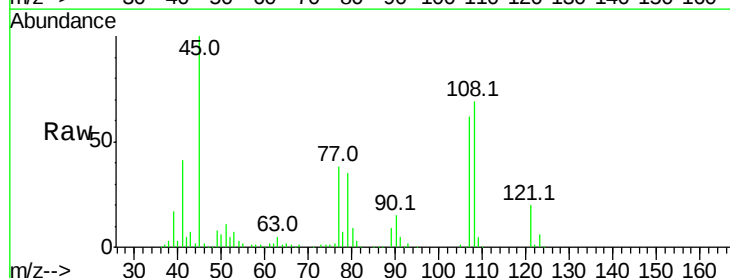
RT: 7.22 min Scan# 830

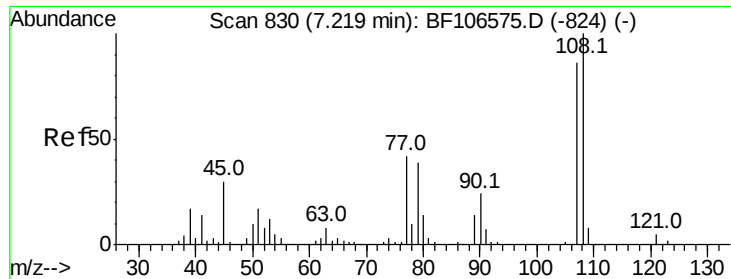
Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Tgt Ion:	45	Resp:	267278
Ion Ratio	Lower	Upper	
45	100		
77	38.4	0.0	32.9#
79	34.7	0.0	29.6#





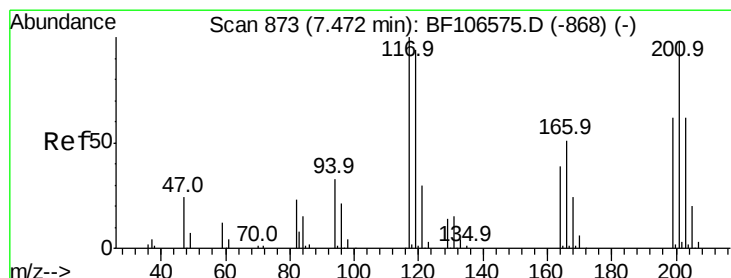
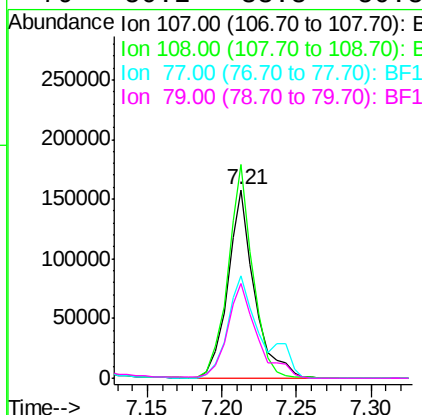
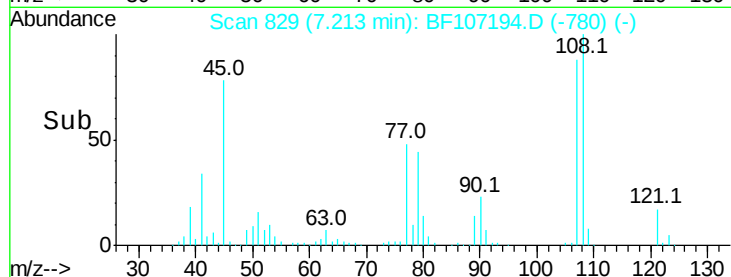
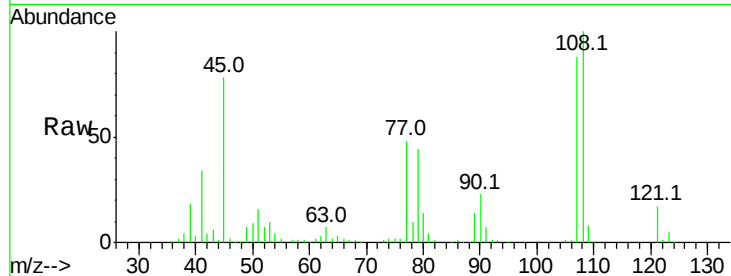
#17
2-Methylphenol
Concen: 44.749 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	91.7	137.5	
77	54.4	33.8	50.8#	
79	50.2	33.8	50.8	

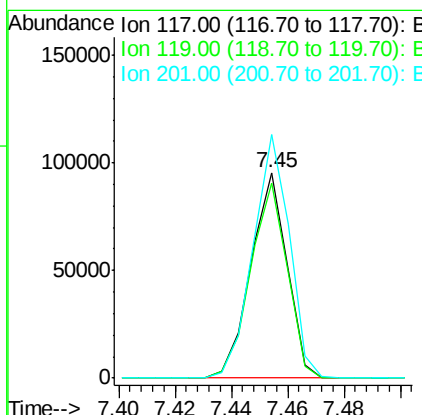
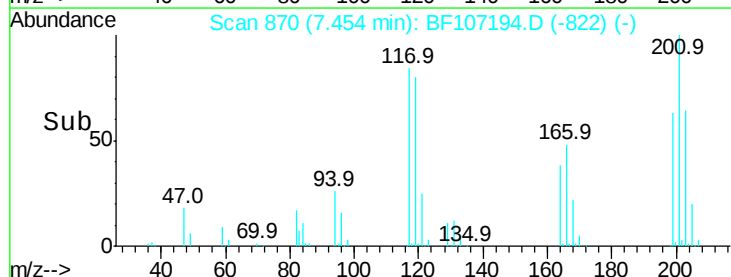
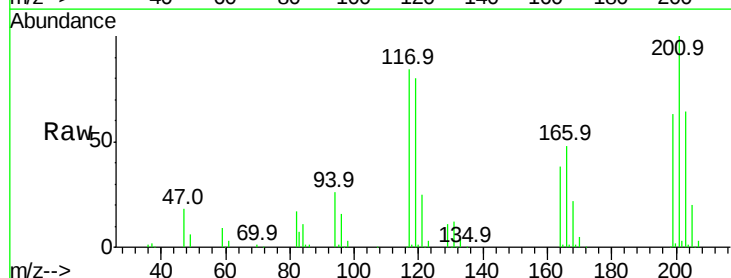
Manual Integrations
APPROVED

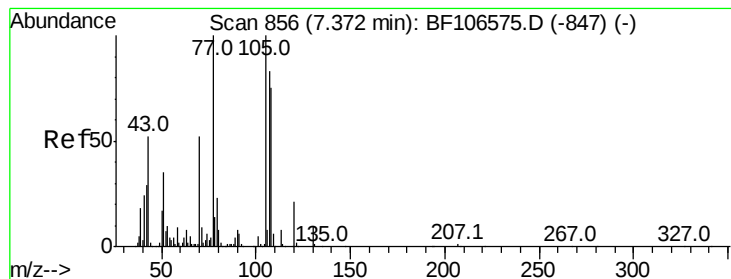
Sohil
7/9/2018 2:06:07 PM



#18
Hexachloroethane
Concen: 39.414 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	75.8	113.8	
201	118.6	75.7	113.5#	





#19

n-Nitroso-di-n-propylamine

Concen: 39.021 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 151258

Ion Ratio Lower Upper

70 100

42 50.6 47.5 71.3

101 10.1 7.4 11.2

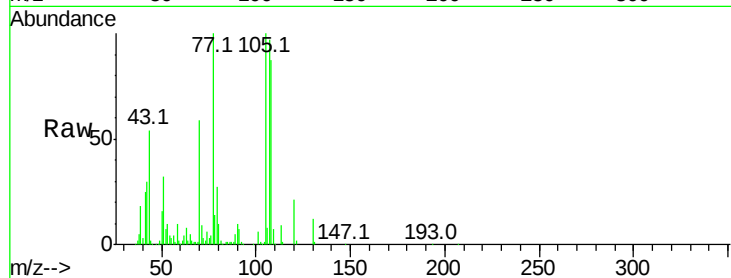
130 19.5 16.6 25.0

Manual Integrations

APPROVED

Sohil

7/9/2018 2:06:07 PM



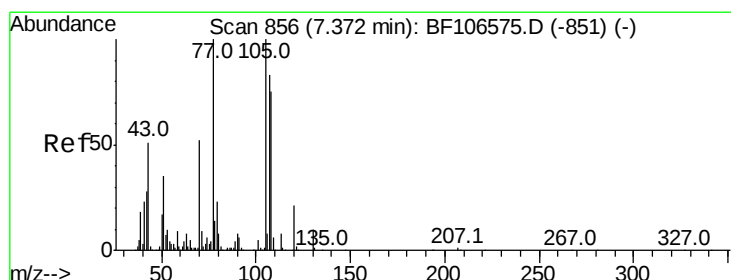
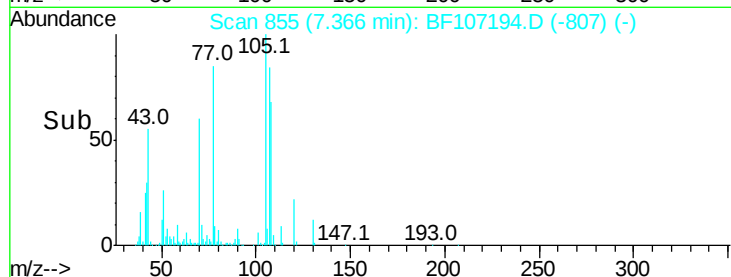
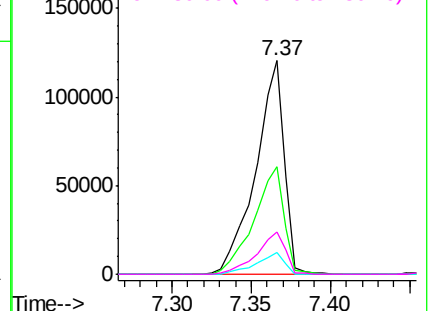
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 44.402 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Tgt Ion: 107 Resp: 212658

Ion Ratio Lower Upper

107 100

108 90.0 68.2 108.2

77 103.6 26.7 66.7#

79 28.0 6.3 46.3

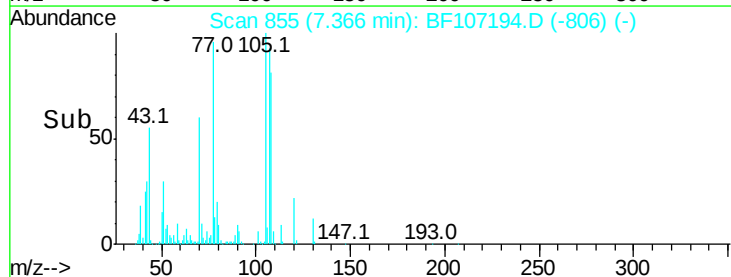
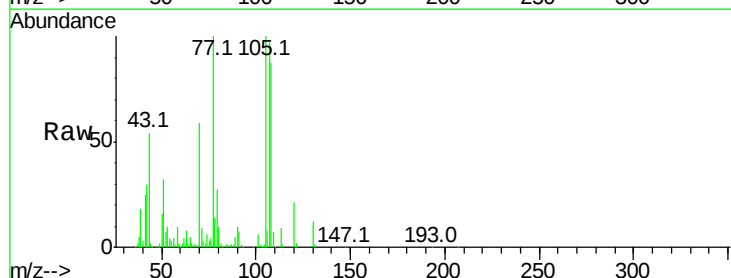
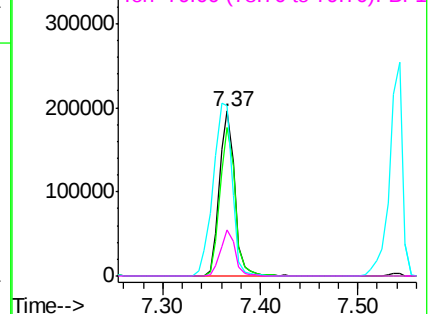
Abundance

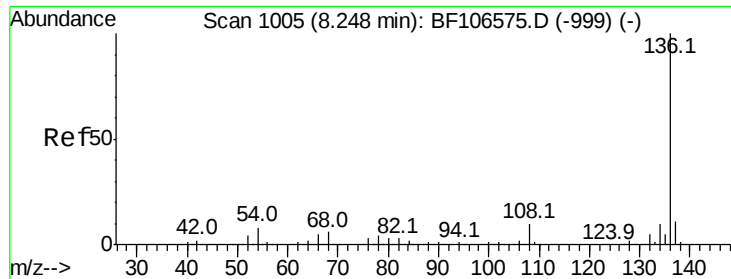
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





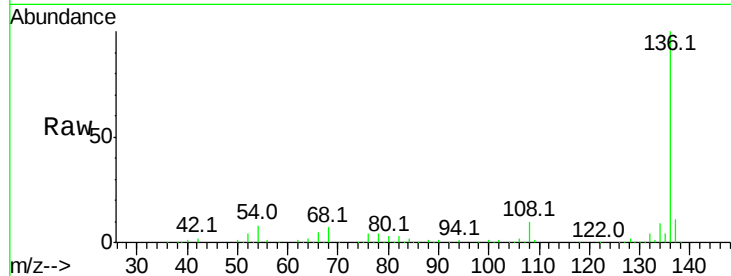
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	329517		
137	10.8		8.9	13.3
54	8.3		6.6	9.8
68	6.9		5.0	7.4

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



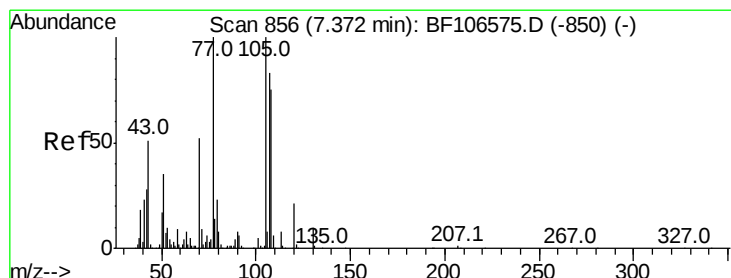
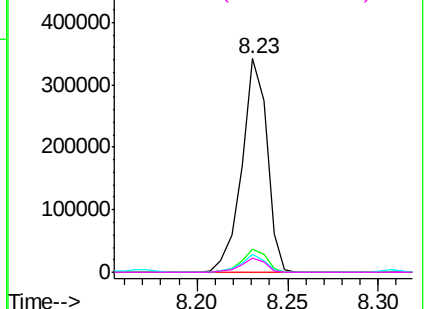
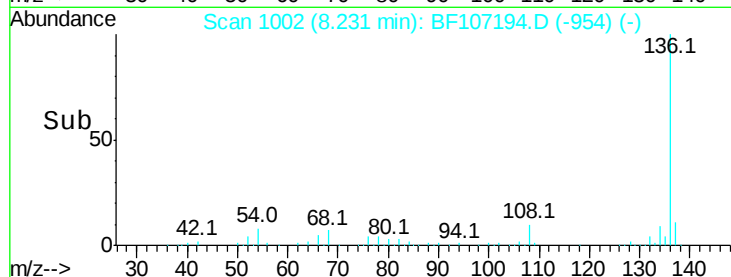
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

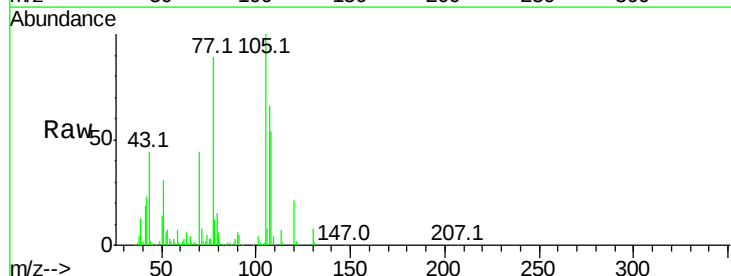
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.367 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	297587		
71	7.6		4.4	6.6#
51	30.6		22.3	33.5
120	20.7		16.9	25.3



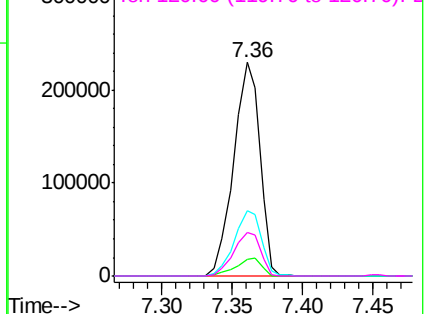
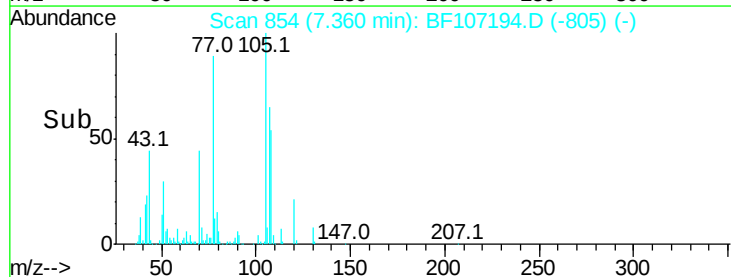
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





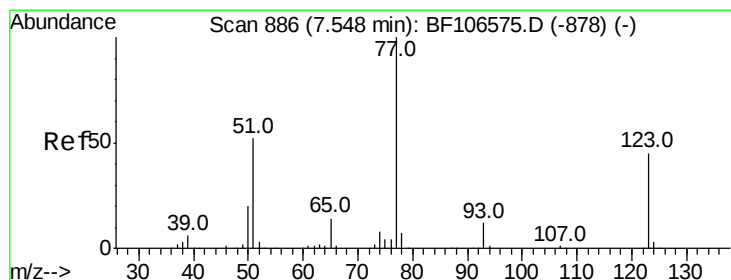
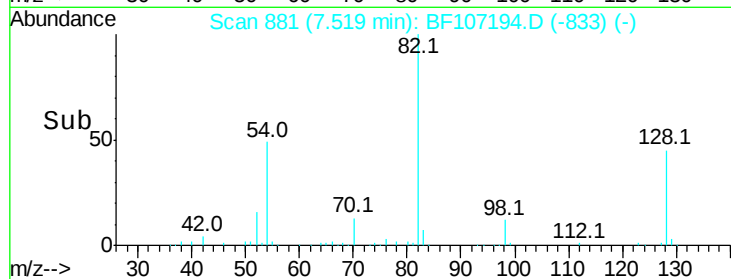
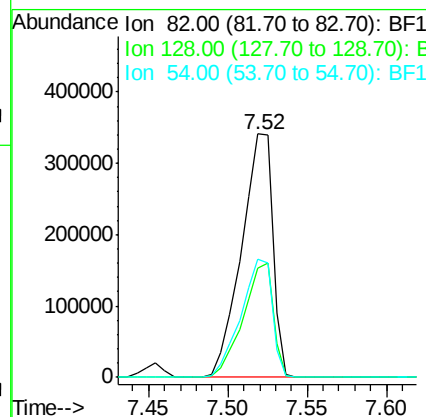
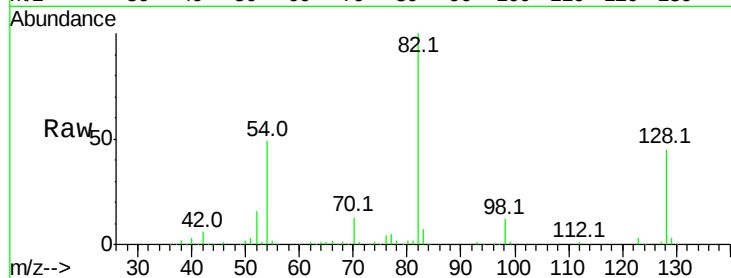
#23
Nitrobenzene-d5
Concen: 78.678 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	48.6	41.4	62.2

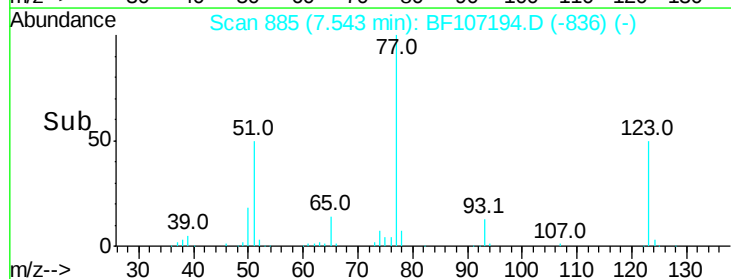
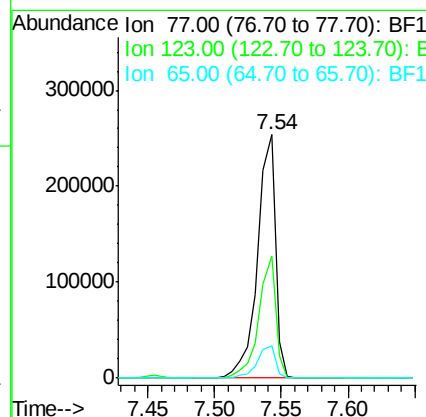
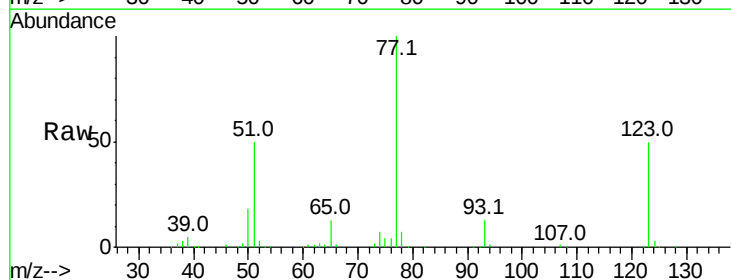
Manual Integrations
APPROVED

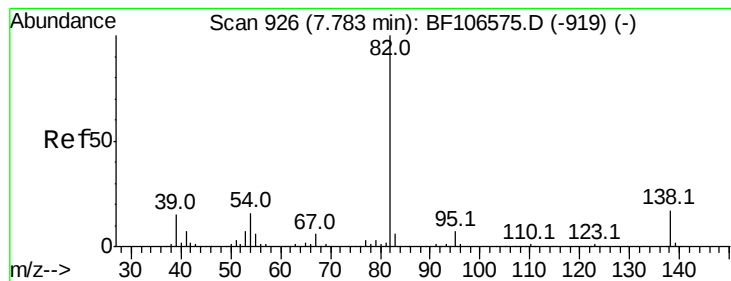
Sohil
7/9/2018 2:06:07 PM



#24
Nitrobenzene
Concen: 38.428 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 39.912 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

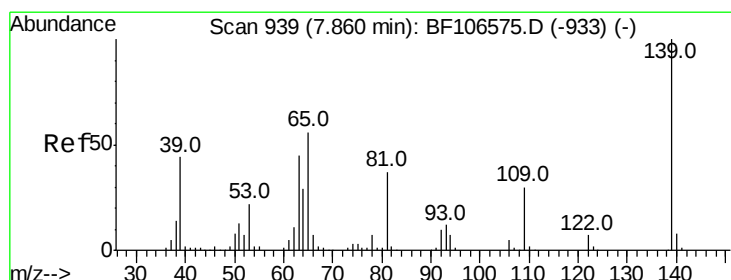
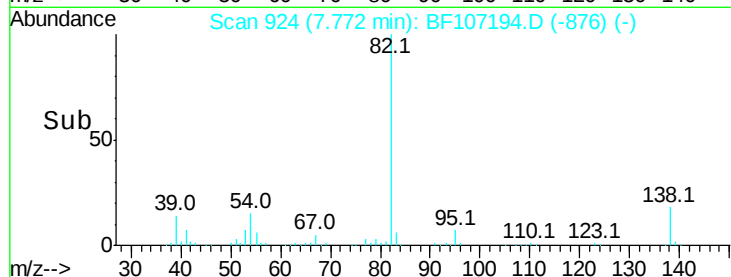
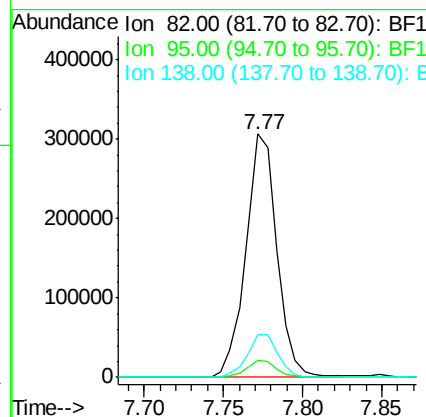
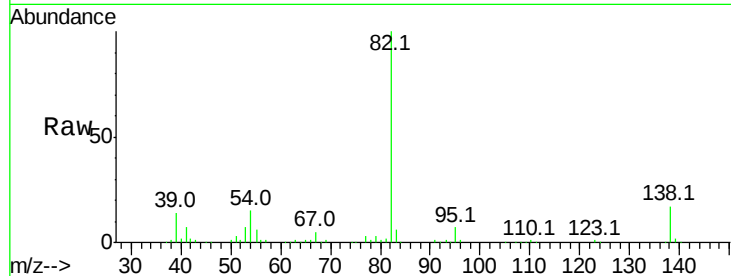
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	417019
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	17.4	14.9	22.3

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



#26

2-Nitrophenol

Concen: 43.186 ng

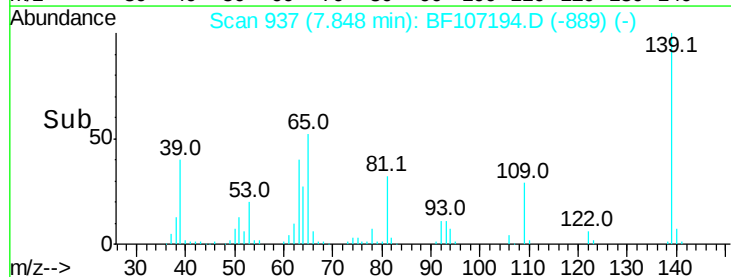
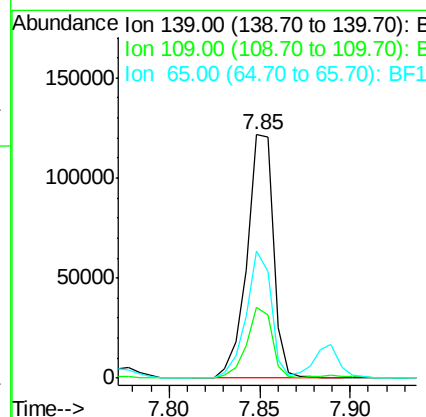
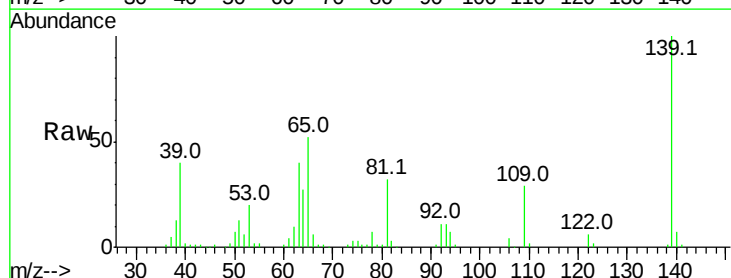
RT: 7.85 min Scan# 937

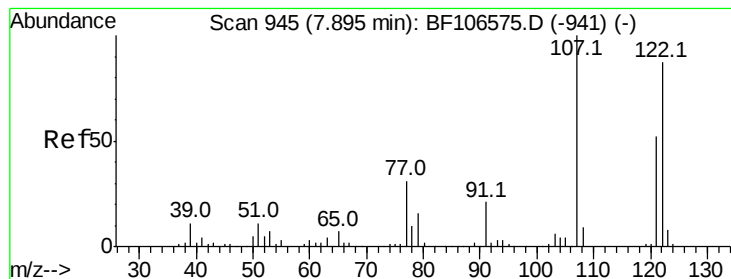
Delta R.T. -0.02 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Tgt Ion:	139	Resp:	123415
Ion Ratio	Lower	Upper	
139	100		
109	28.9	22.7	34.1
65	52.0	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 40.713 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

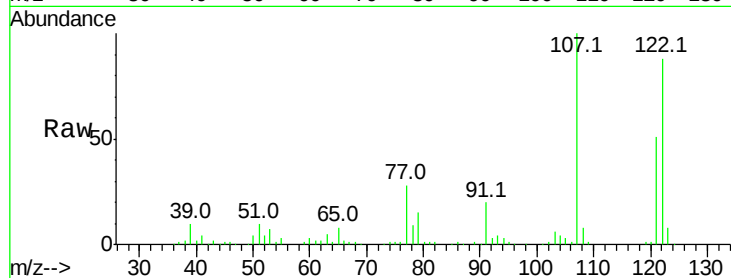
ClientSampleId :

SSTDCCC040

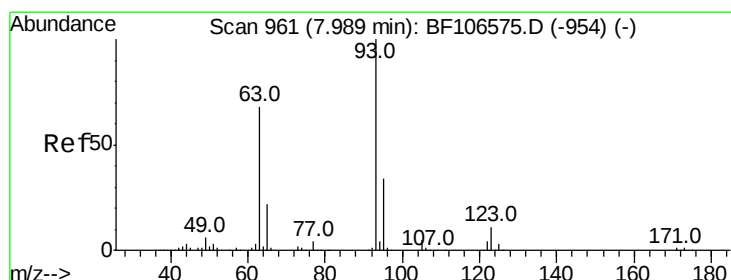
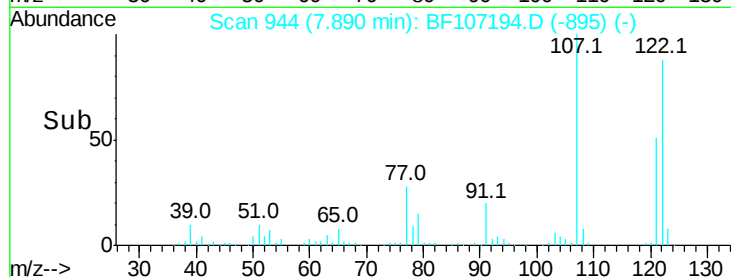
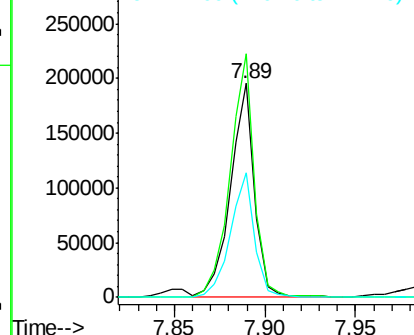
Tot Ion:	122	Resp:	179834
Ion Ratio	Lower	Upper	
122	100		
107	113.9	91.2	136.8
121	58.4	47.2	70.8

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.994 ng

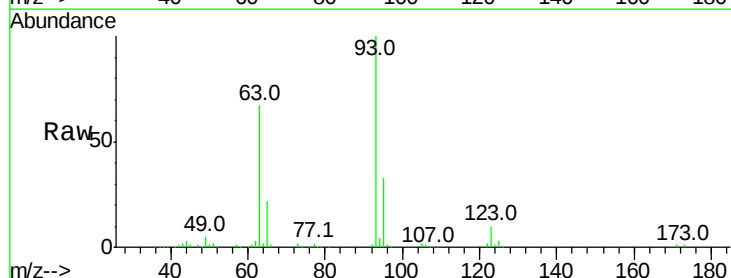
RT: 7.97 min Scan# 958

Delta R.T. -0.02 min

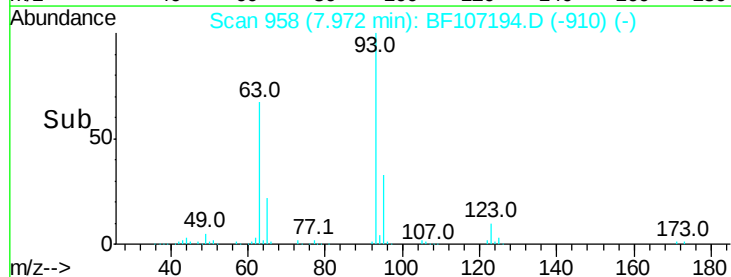
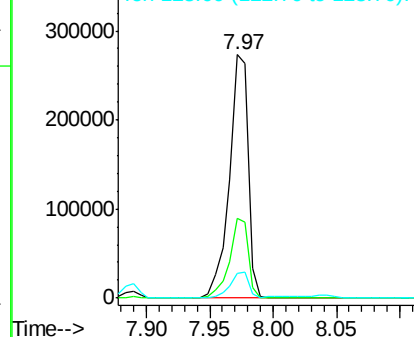
Lab File: BF107194.D

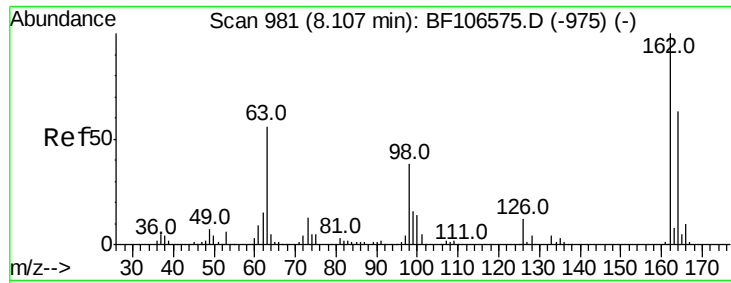
Acq: 7 Jul 2018 9:47

Tgt Ion:	93	Resp:	280575
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.3	39.5
123	10.3	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





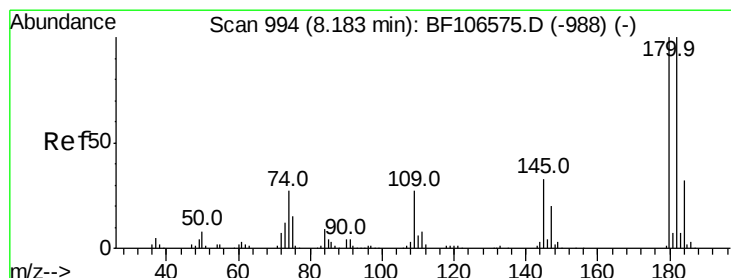
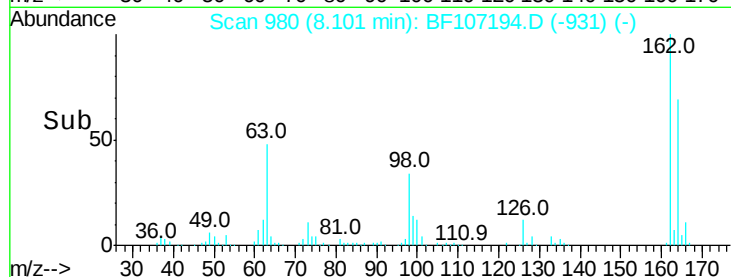
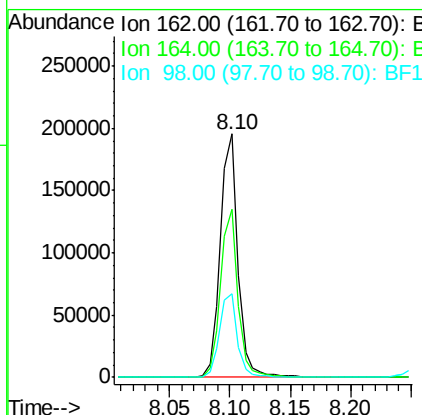
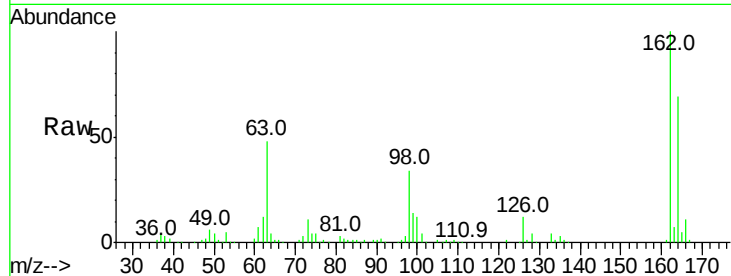
#29
 2,4-Dichlorophenol
 Concen: 42.296 ng
 RT: 8.10 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	68.9	42.7	82.7
98	34.3	18.1	58.1

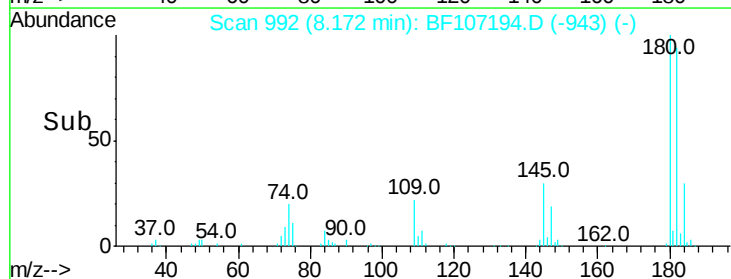
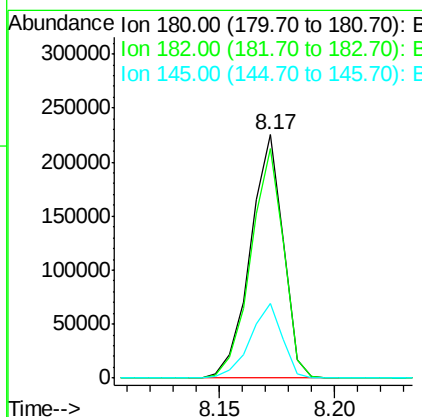
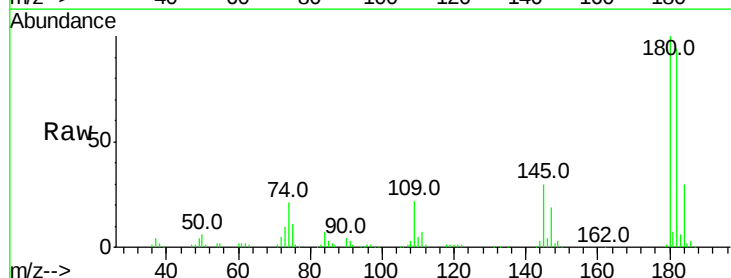
Manual Integrations
 APPROVED

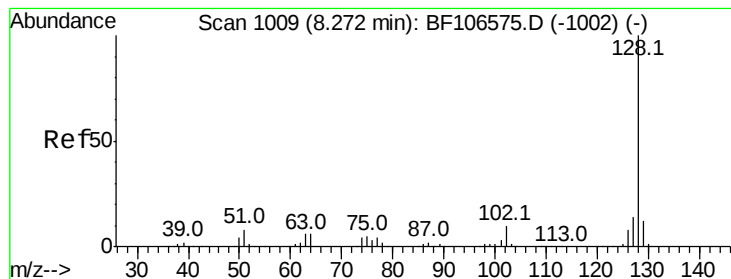
Sohil
 7/9/2018 2:06:07 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.813 ng
 RT: 8.17 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	76.8	115.2
145	30.5	26.5	39.7





#31

Naphthalene

Concen: 40.184 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

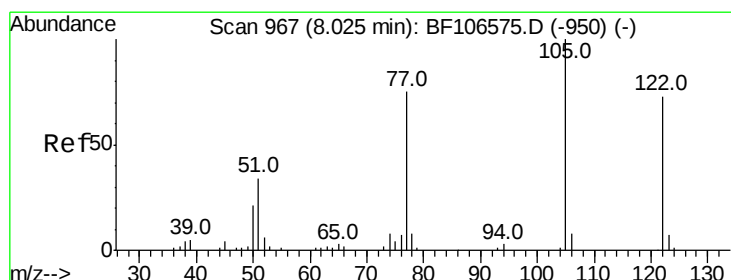
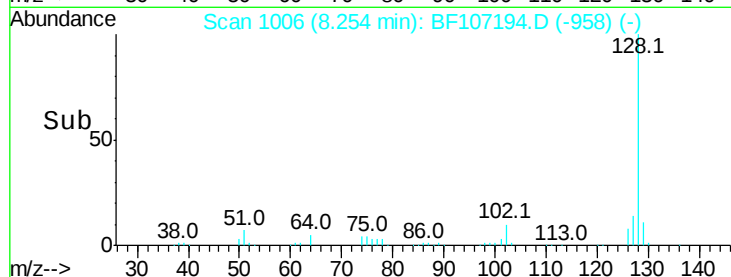
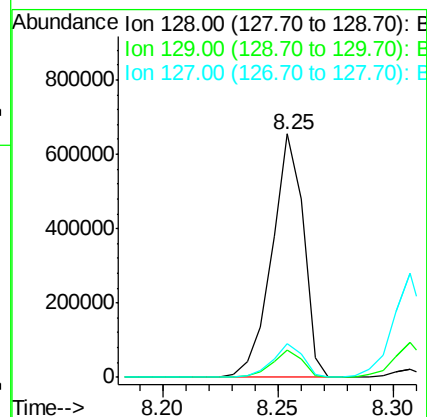
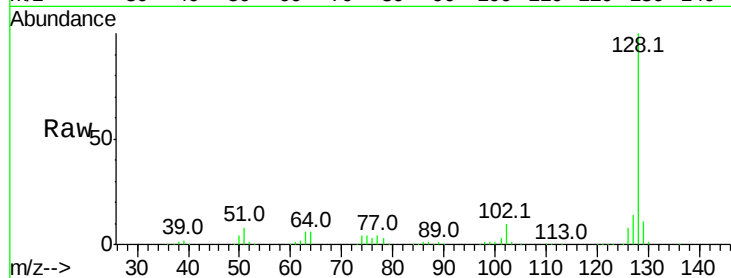
ClientSampleId :

SSTDCCC040

Tot Ion:	128	Resp:	619074
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.7	10.9	16.3

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



#32

Benzoic acid

Concen: 34.623 ng

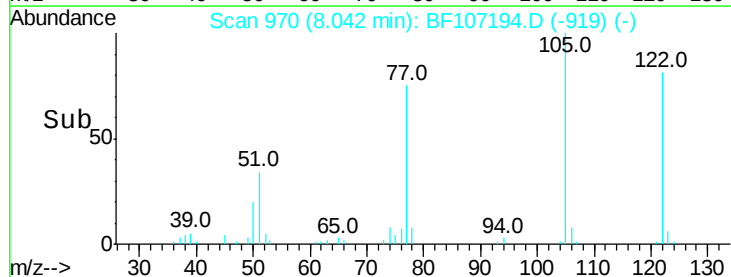
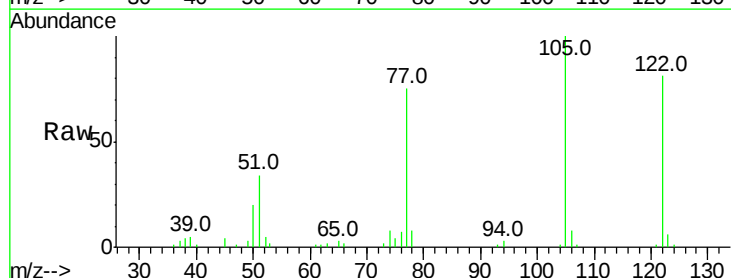
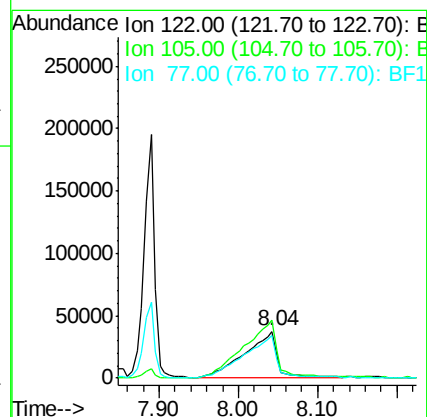
RT: 8.04 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Tgt Ion:	122	Resp:	105414
Ion Ratio	Lower	Upper	
122	100		
105	122.9	101.1	141.1
77	92.2	70.7	110.7





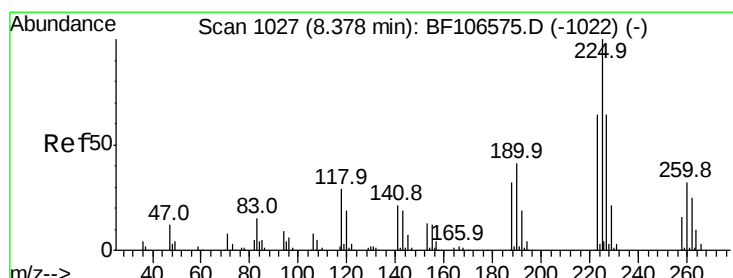
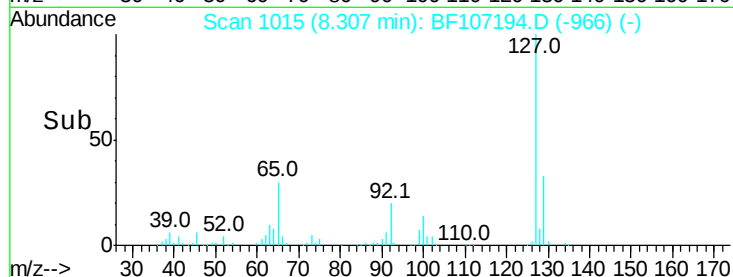
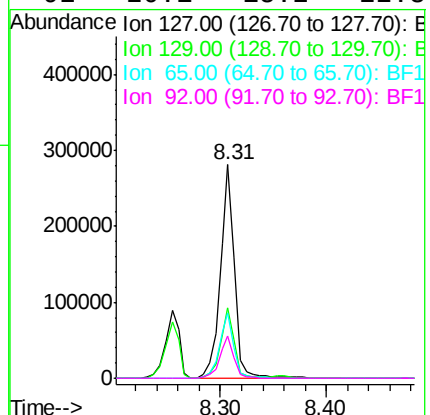
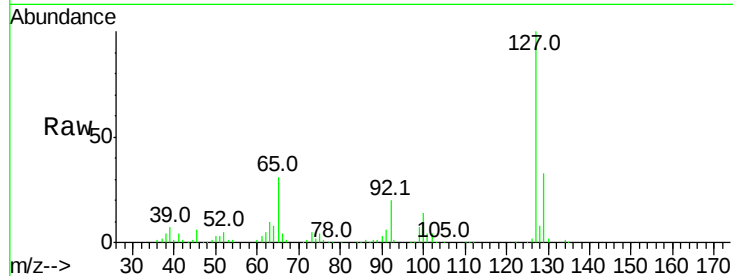
#33
4-Chloroaniline
Concen: 41.441 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	25.9	38.9		
65	30.8	25.0	37.4		
92	20.1	15.2	22.8		

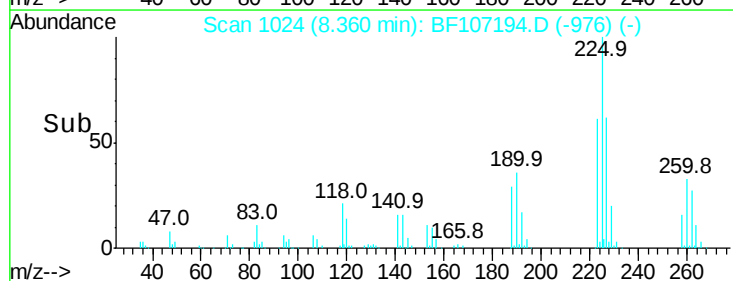
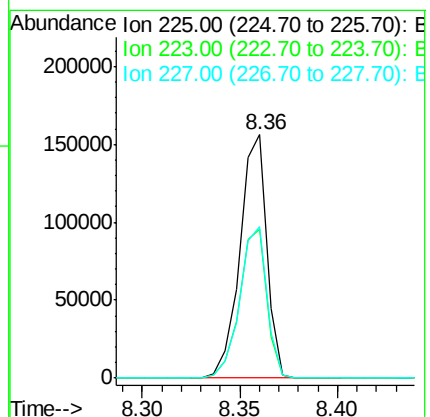
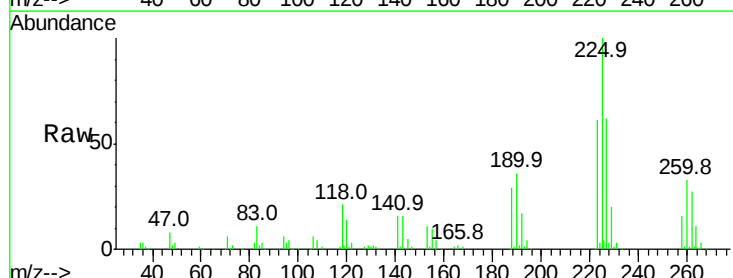
Manual Integrations
APPROVED

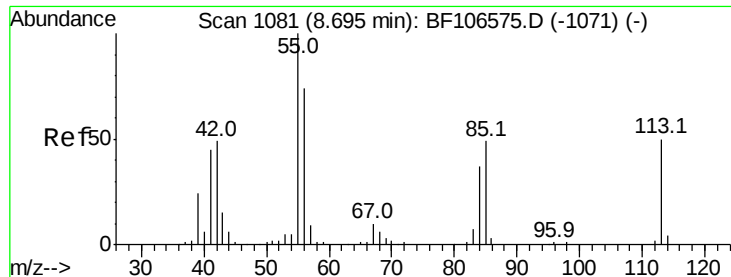
Sohil
7/9/2018 2:06:07 PM



#34
Hexachlorobutadiene
Concen: 44.914 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	50.6	76.0		
227	62.3	51.9	77.9		





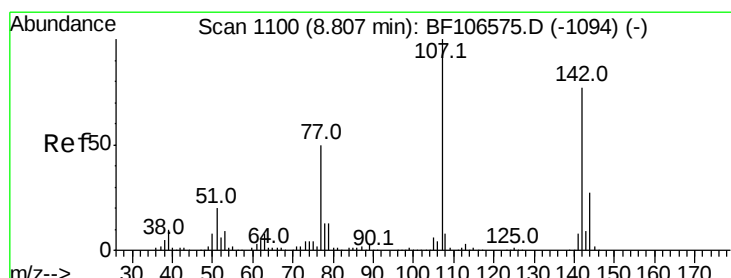
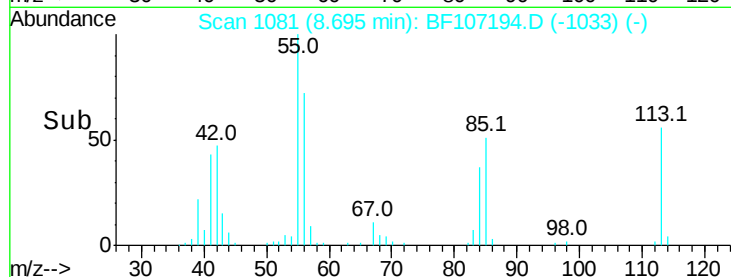
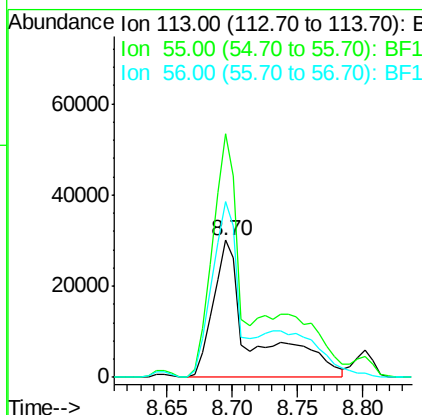
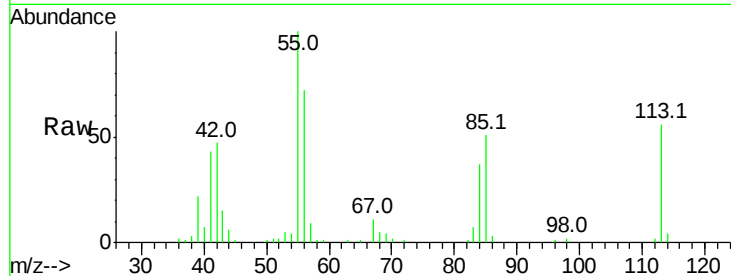
#35
 Caprolactam
 Concen: 41.787 ng/ml
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 62990
 Ion Ratio Lower Upper
 113 100
 55 177.5 163.3 203.3
 56 127.7 115.7 155.7

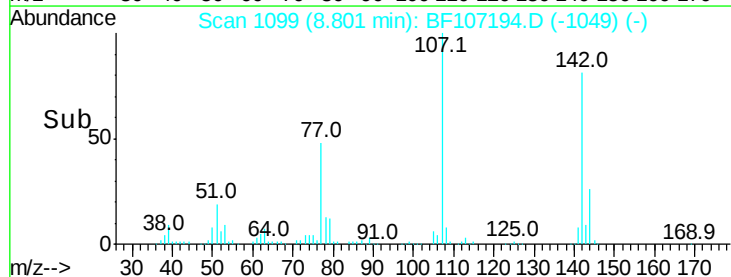
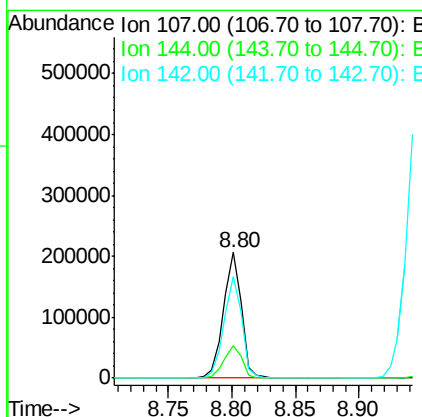
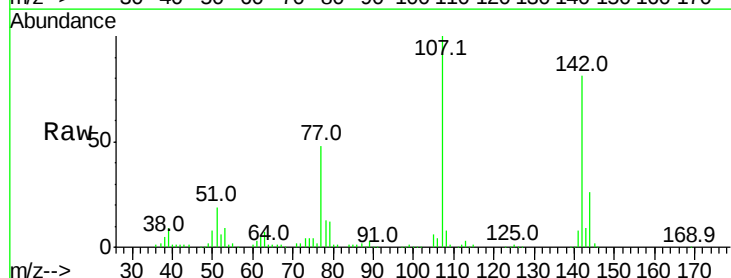
Manual Integrations
 APPROVED

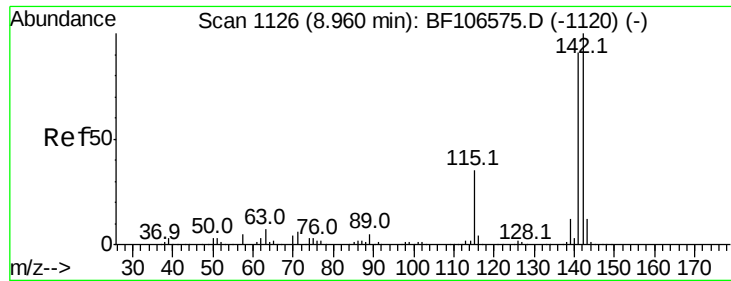
Sohil
 7/9/2018 2:06:07 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.664 ng/ml
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Tgt Ion:107 Resp: 202800
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 80.9 62.0 93.0





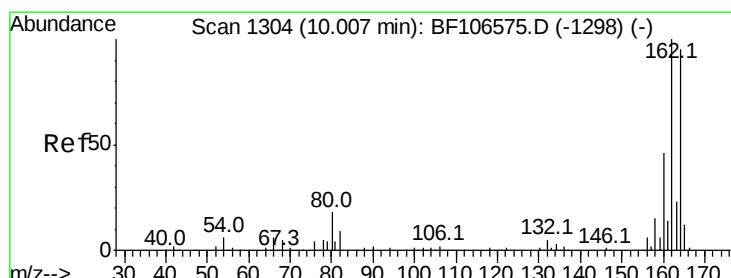
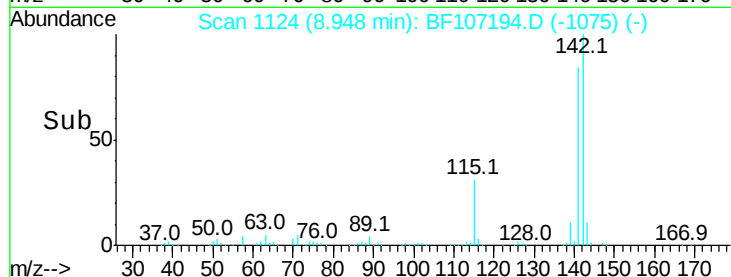
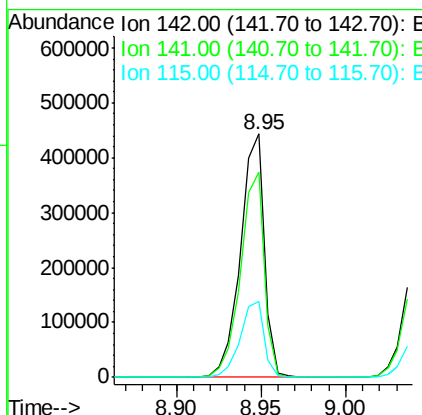
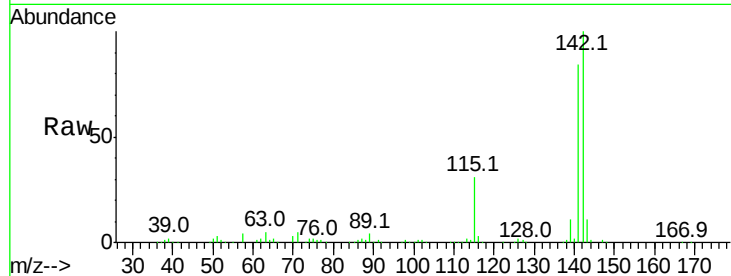
#37
2-Methylnaphthalene
Concen: 43.031 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.4	70.8	106.2
115	31.1	26.1	39.1

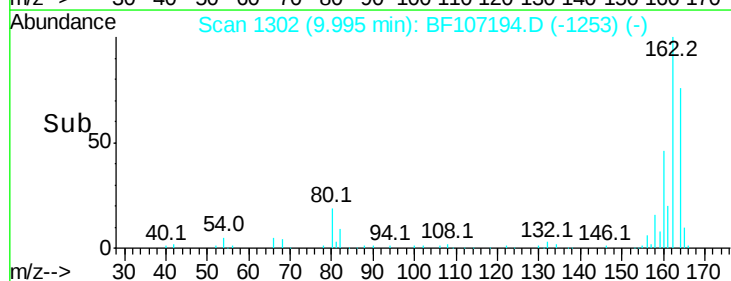
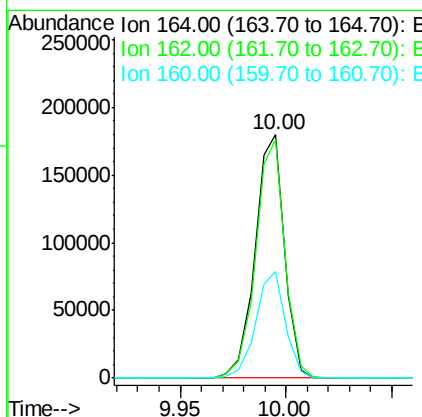
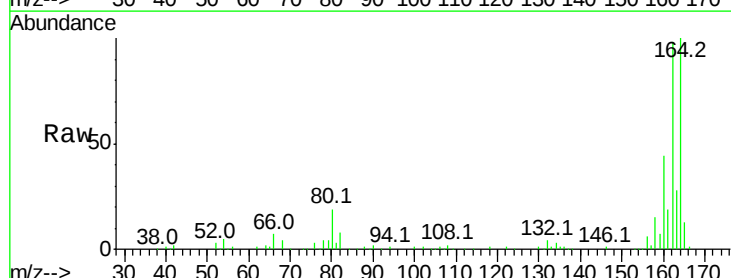
Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	86.1	129.1
160	44.0	38.3	57.5





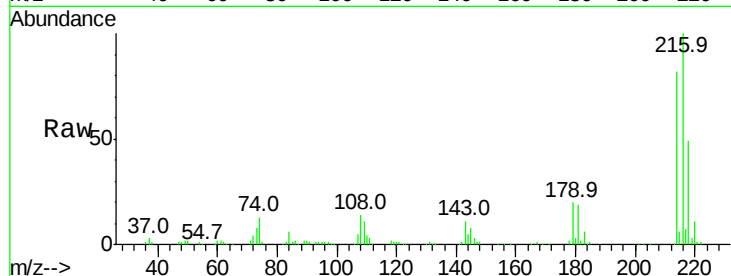
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.971 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

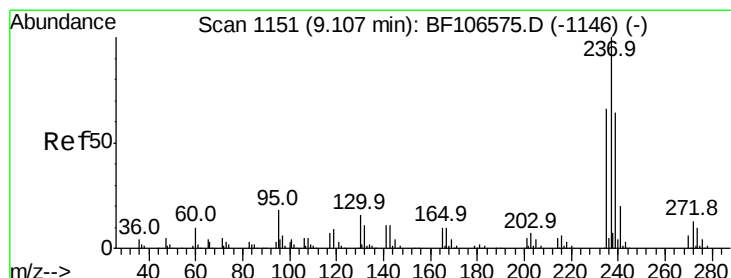
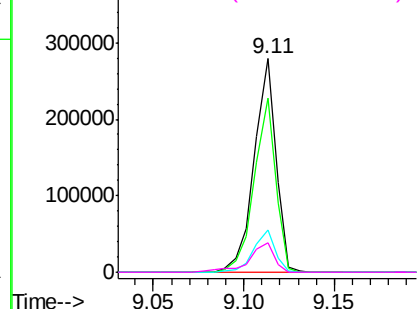
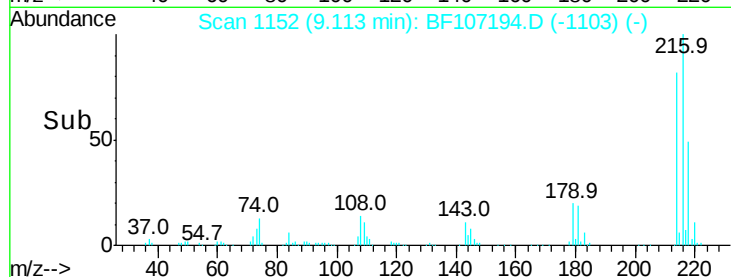
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.9	63.0	94.4
179	19.5	18.1	27.1
108	15.6	17.2	25.8

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:07 PM

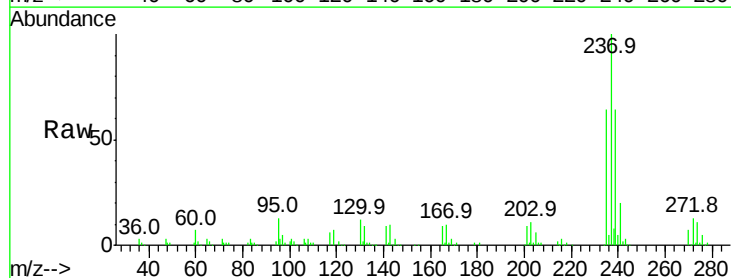


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

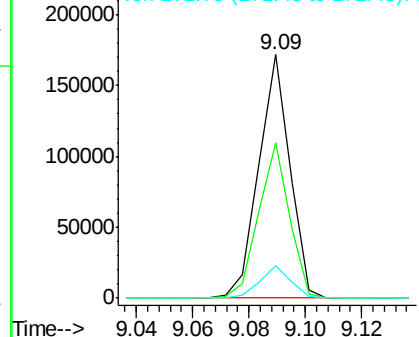
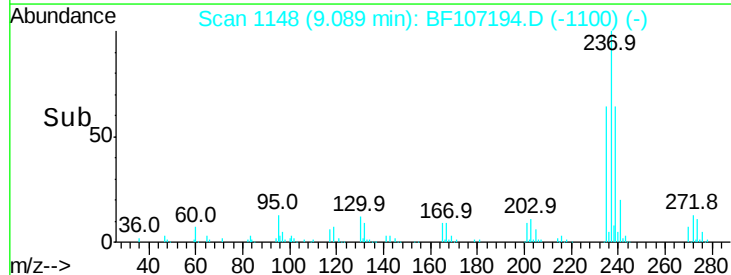


#40
 Hexachlorocyclopentadiene
 Concen: 43.672 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	44.8	84.8
272	13.2	0.0	33.3



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





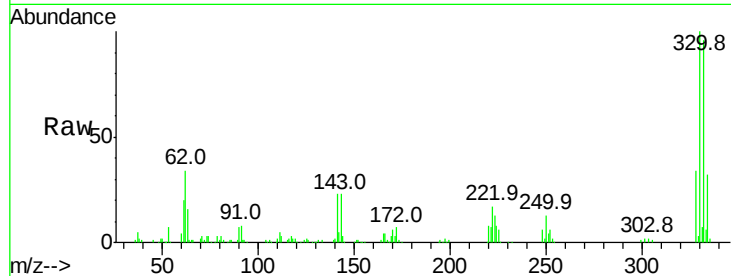
#41
 2,4,6-Tribromophenol
 Concen: 80.475 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

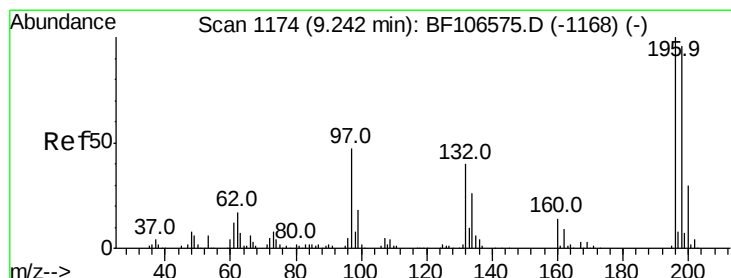
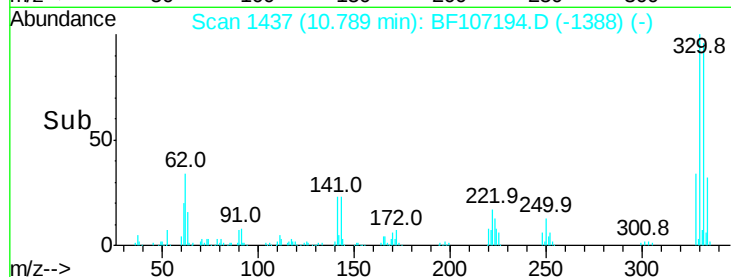
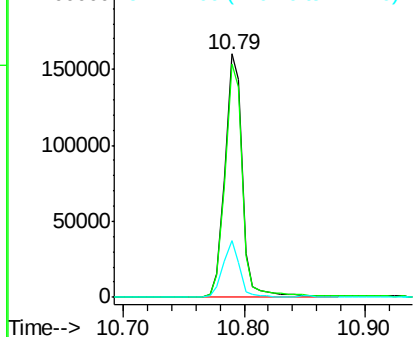
Tot Ion	Ratio	Resp	Lower	Upper
330	100	161897		
332	98.3	77.0	115.6	
141	22.1	29.9	44.9#	

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:07 PM



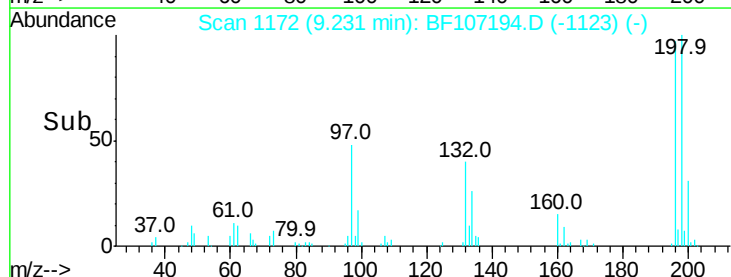
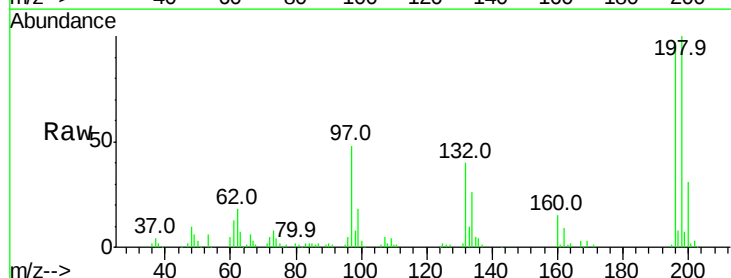
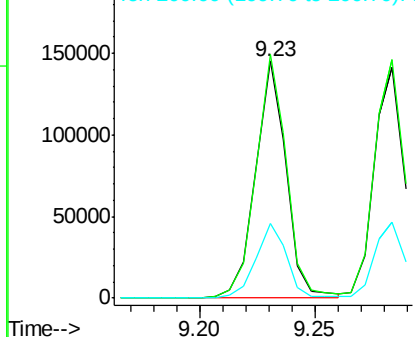
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 34.688 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	134783		
198	102.8	75.7	113.5	
200	31.7	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





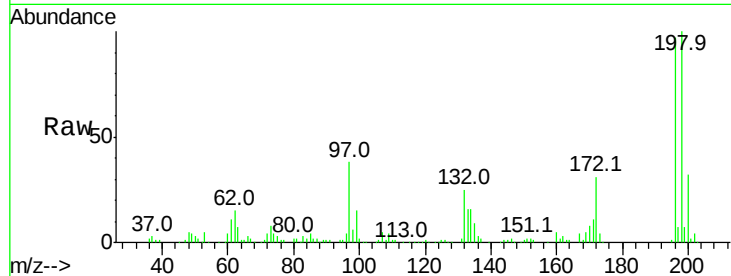
#43
 2,4,5-Trichlorophenol
 Concen: 34.302 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	139074		
198	103.3	74.6	112.0	
97	39.5	42.9	64.3	#
132	25.5	26.3	39.5	#

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:07 PM



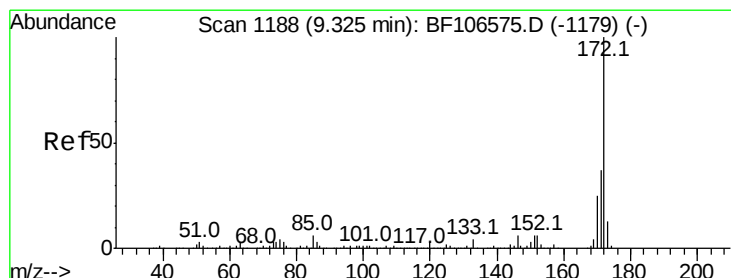
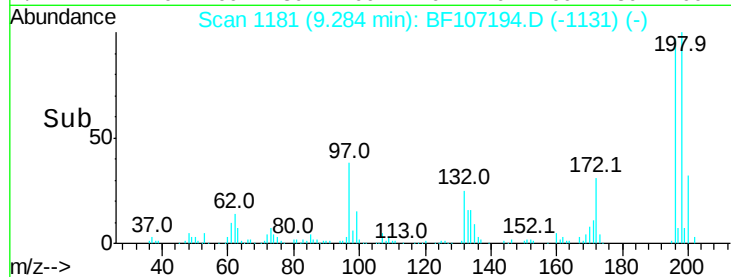
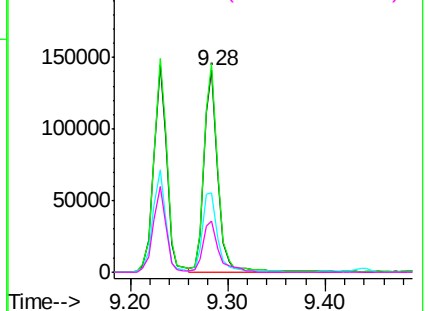
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.152 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

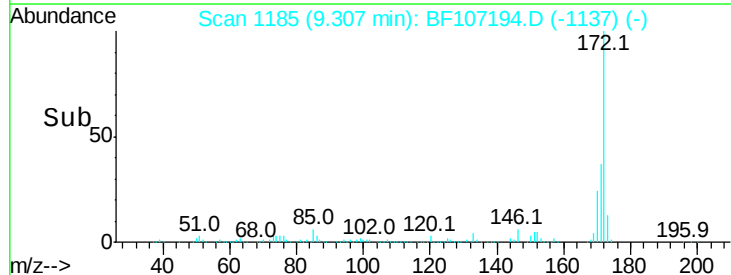
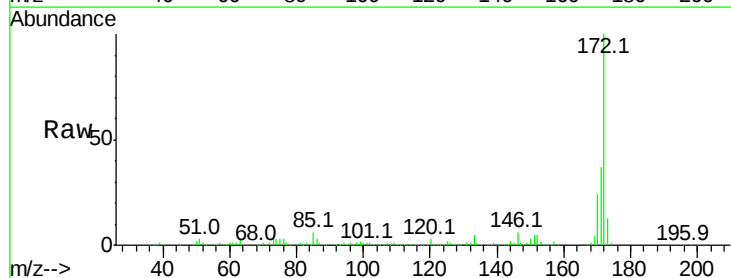
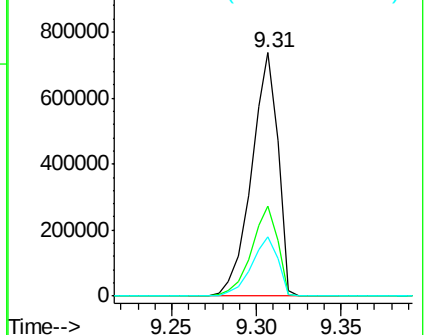
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	805133		
171	36.9	29.7	44.5	
170	24.4	19.6	29.4	

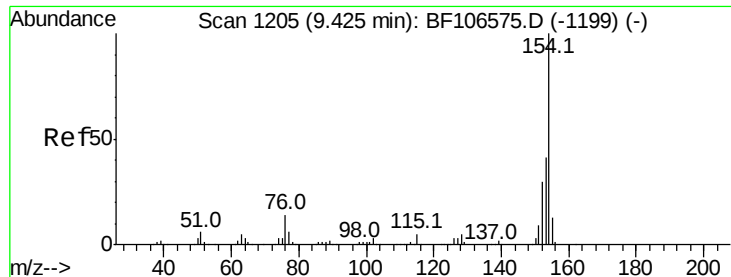
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





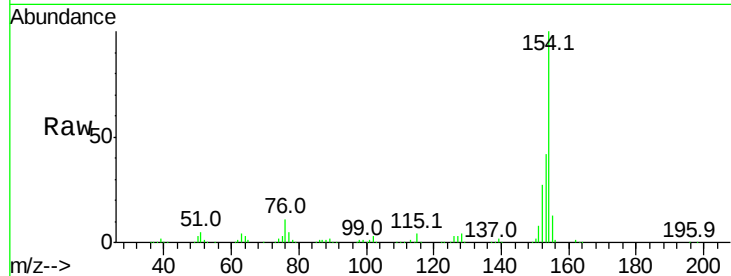
#45
 1,1'-Biphenyl
 Concen: 39.111 ng
 RT: 9.41 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

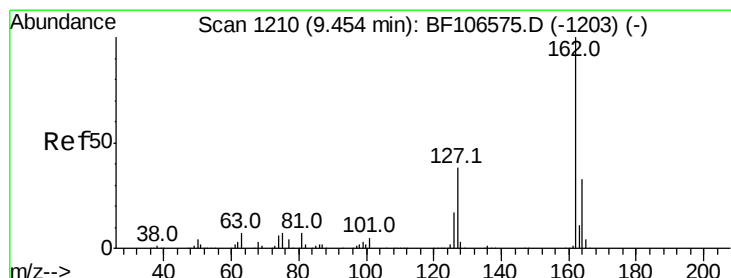
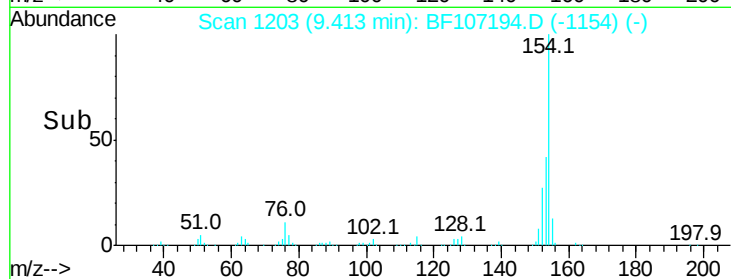
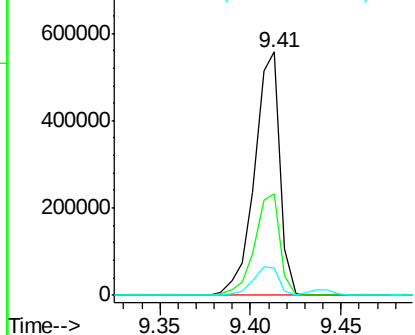
Tot Ion:	154	Resp:	541015
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.3	61.3
76	11.0	0.0	34.0

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:07 PM

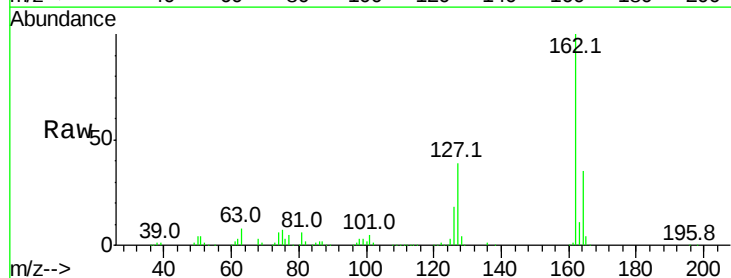


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

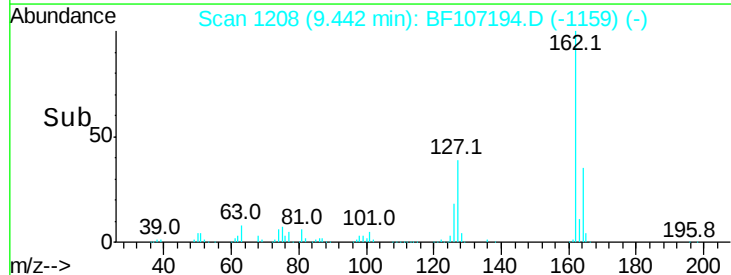
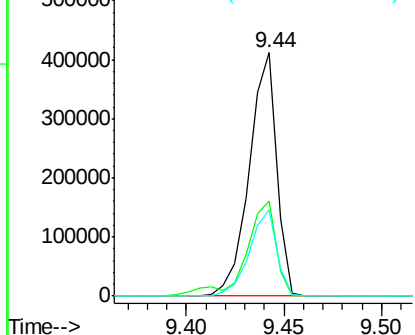


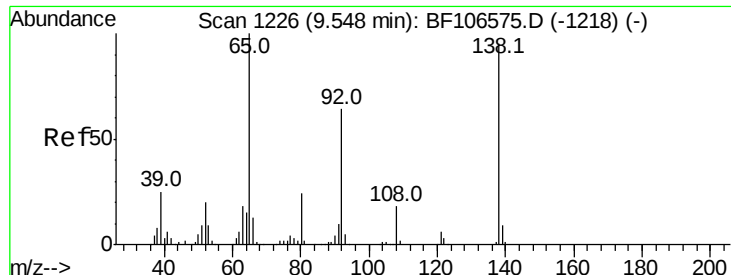
#46
 2-Chloronaphthalene
 Concen: 36.855 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Tgt Ion:	162	Resp:	401297
Ion Ratio	Lower	Upper	
162	100		
127	39.0	33.9	50.9
164	35.5	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





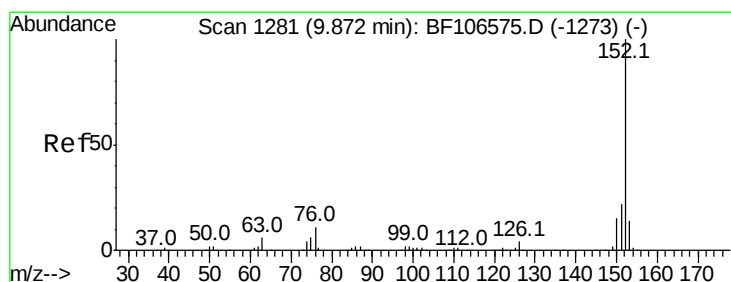
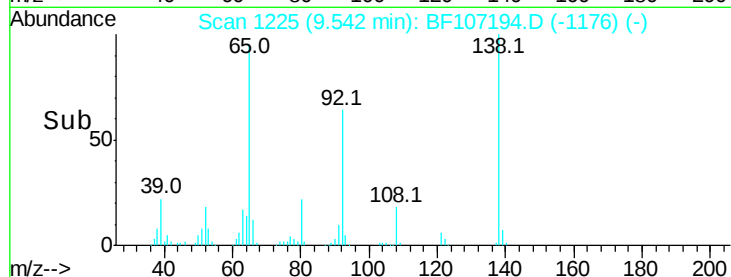
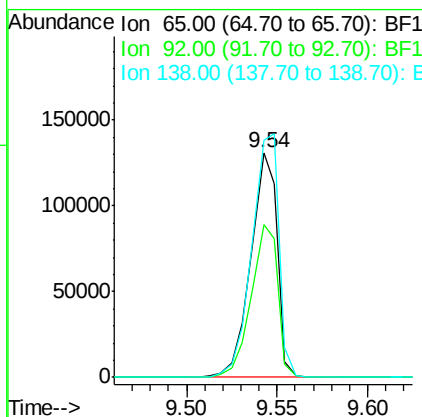
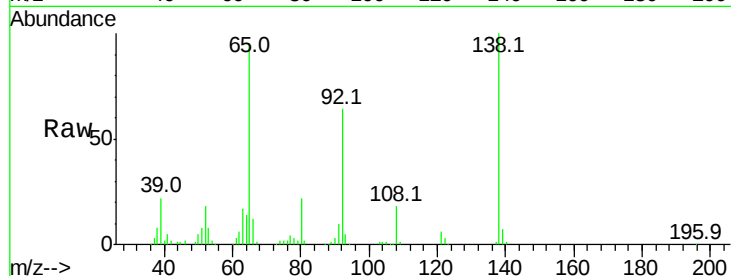
#47
2-Nitroaniline
Concen: 36.298 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	55.8	83.6
138	105.8	91.2	136.8

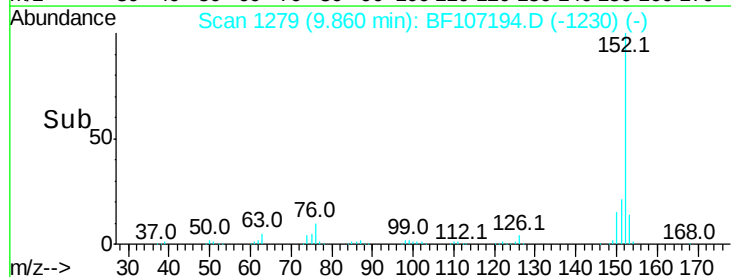
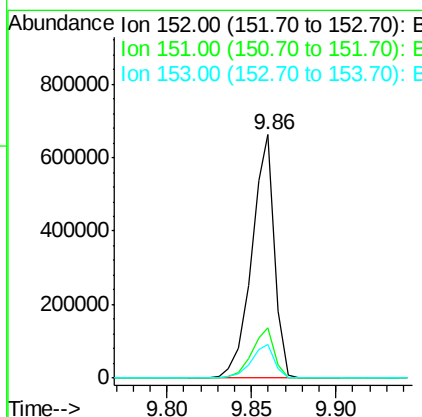
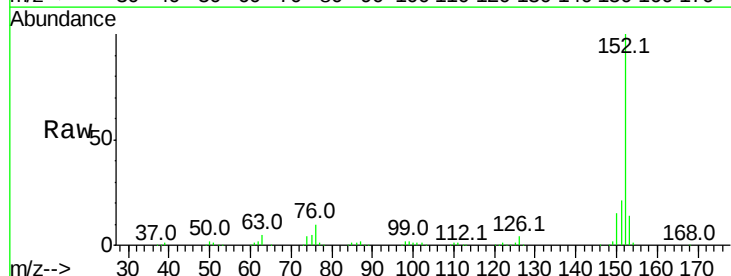
Manual Integrations
APPROVED

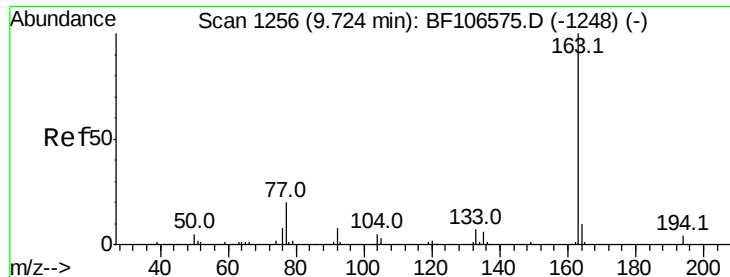
Sohil
7/9/2018 2:06:07 PM



#48
Acenaphthylene
Concen: 35.990 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.0	10.7	16.1





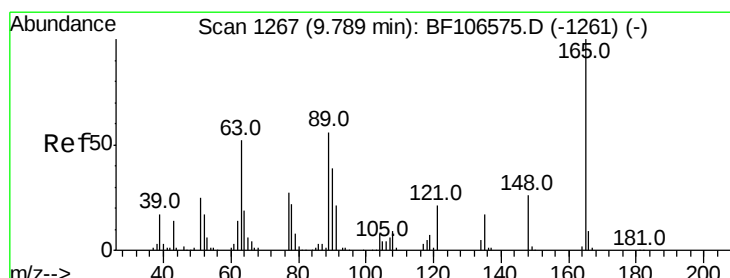
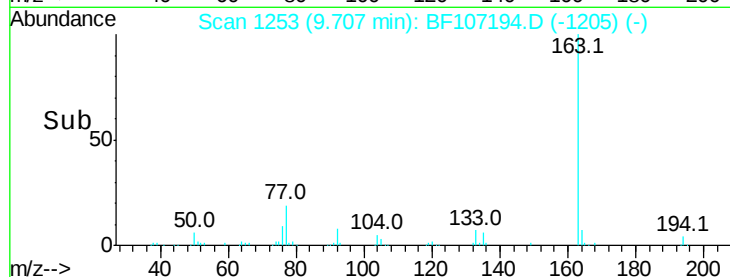
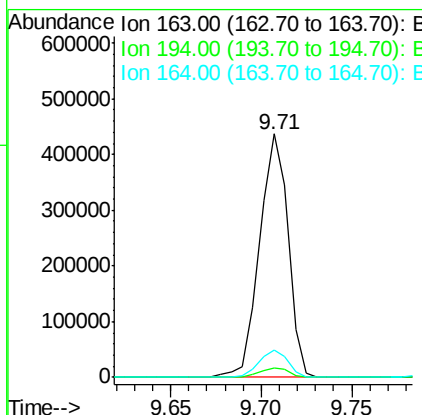
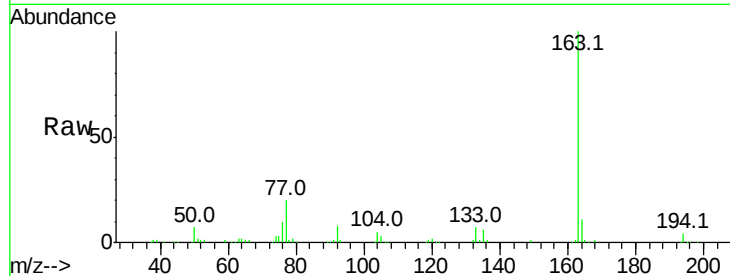
#49
 Dimethylphthalate
 Concen: 36.692 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	477669		
194	3.9		2.7	4.1
164	11.1		8.2	12.2

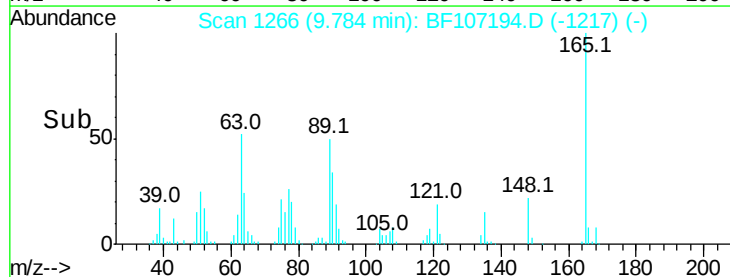
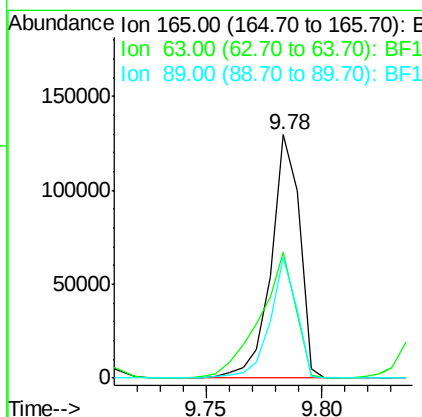
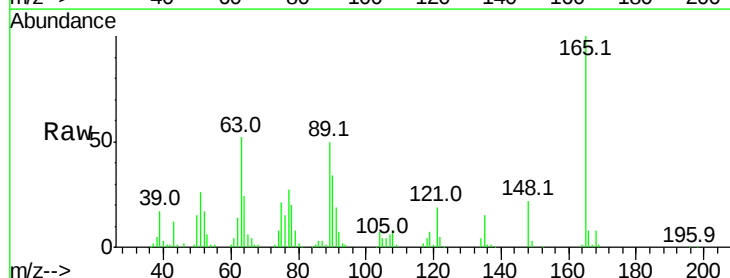
Manual Integrations
 APPROVED

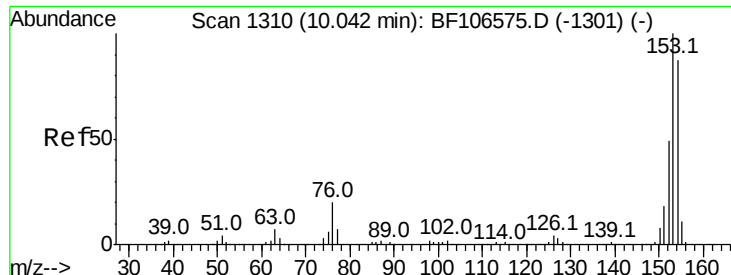
Sohil
 7/9/2018 2:06:07 PM



#50
 2,6-Dinitrotoluene
 Concen: 40.247 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	110946		
63	51.6		44.7	67.1
89	49.6		44.0	66.0





#51

Acenaphthene

Concen: 36.390 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

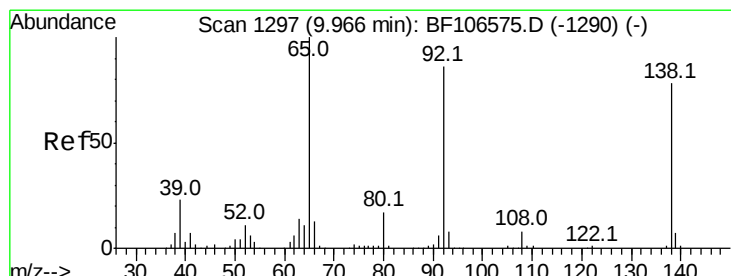
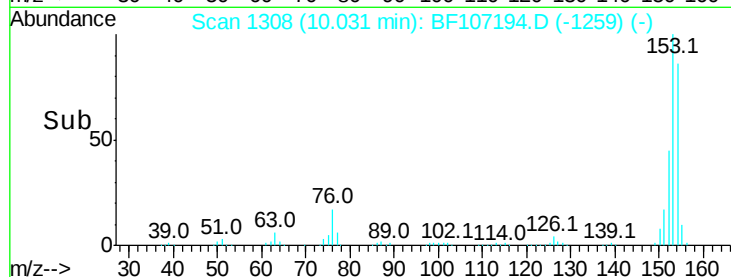
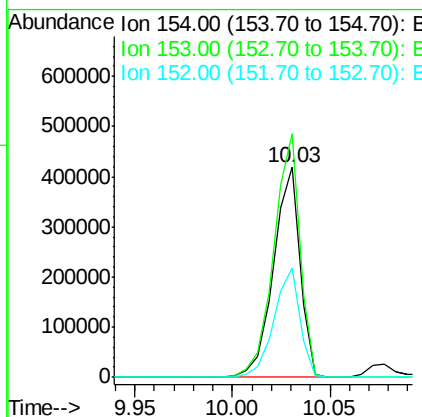
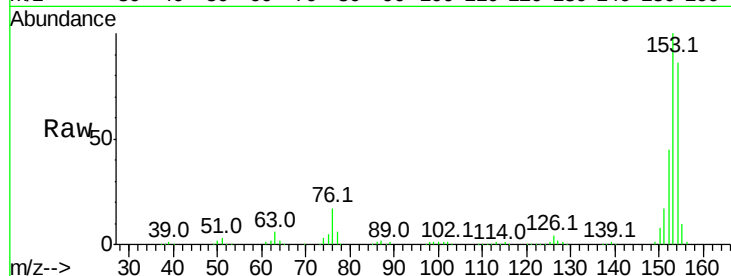
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	393924
Ion Ratio	Lower	Upper	
154	100		
153	116.0	91.2	136.8
152	51.8	43.8	65.8

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



#52

3-Nitroaniline

Concen: 39.126 ng

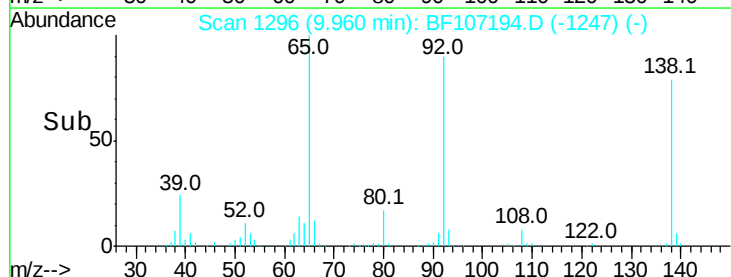
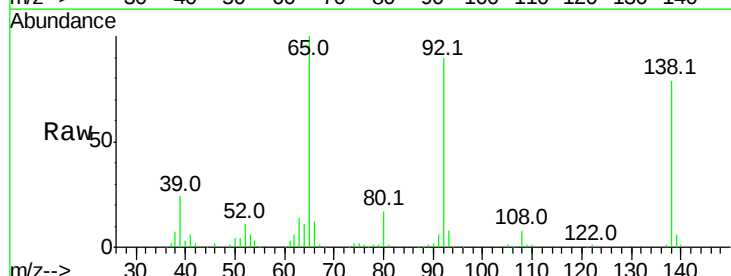
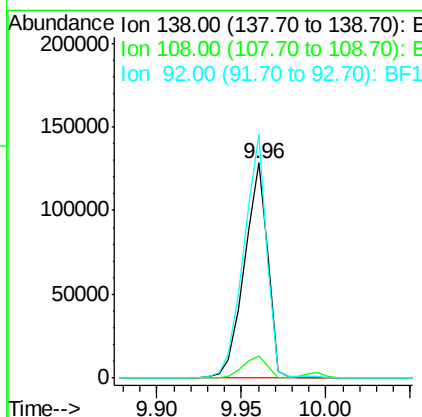
RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Tgt Ion:	138	Resp:	124114
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	113.3	89.4	134.2





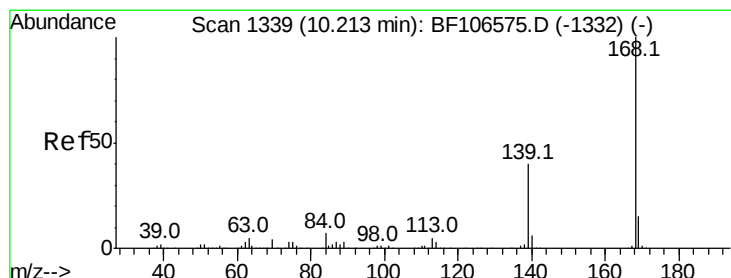
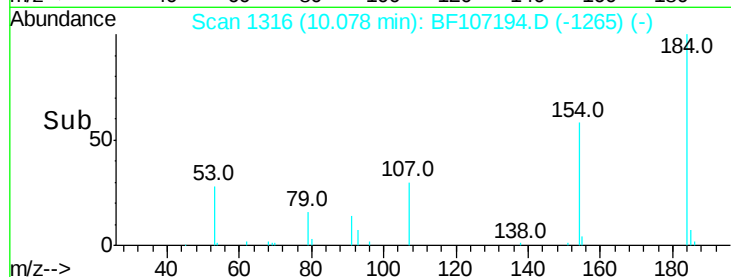
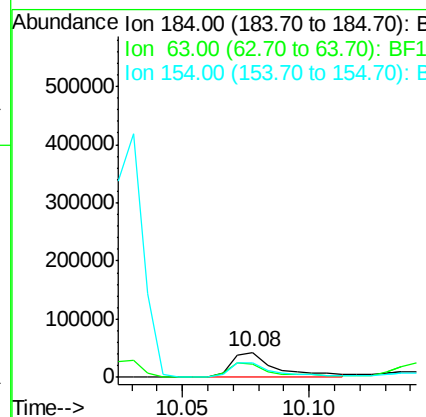
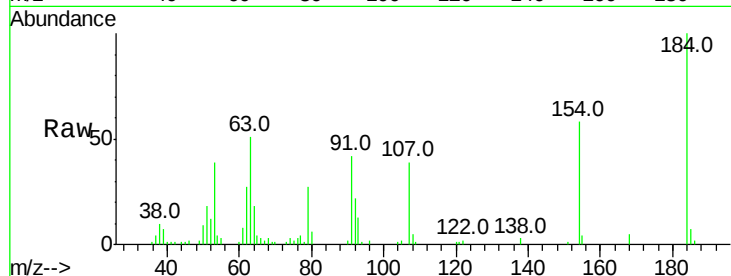
#53
 2,4-Dinitrophenol
 Concen: 39.165 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.1	54.2	81.2#
154	58.5	184.0	276.0#

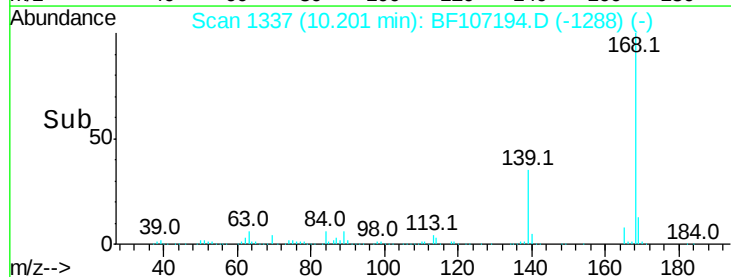
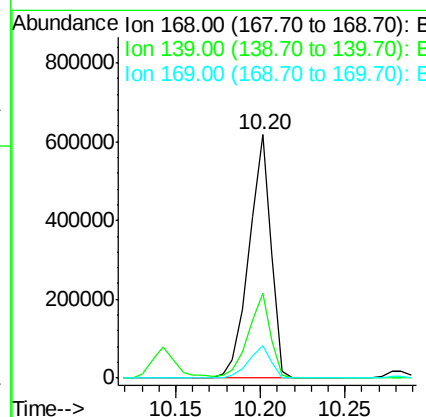
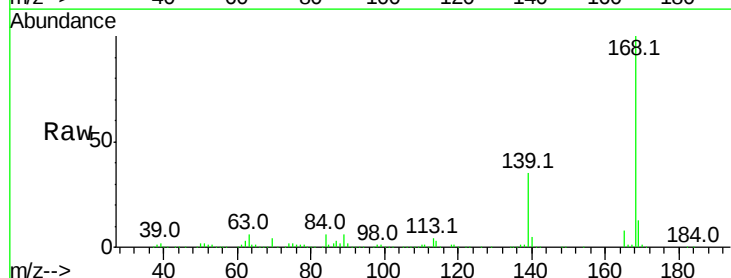
Manual Integrations
 APPROVED

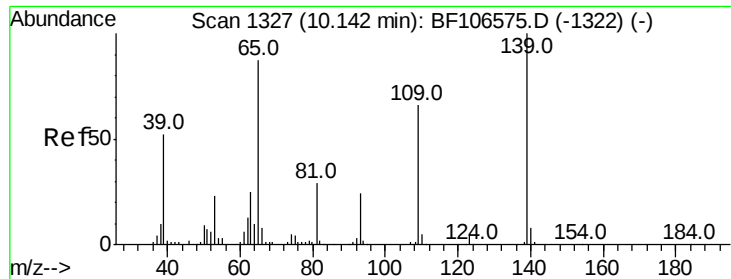
Sohil
 7/9/2018 2:06:07 PM



#54
 Dibenzofuran
 Concen: 37.936 ng
 RT: 10.20 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.1	45.1
169	13.3	10.9	16.3





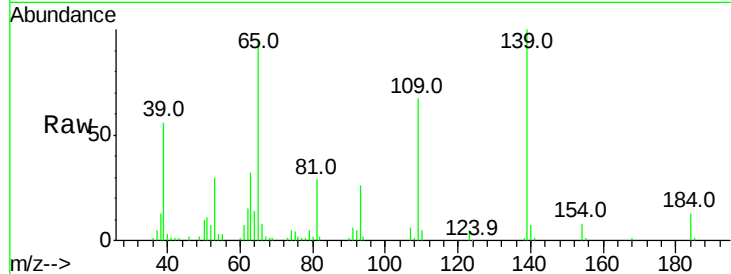
#55
4-Nitrophenol
Concen: 35.002 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.6	48.4	88.4
65	94.9	72.6	112.6

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM

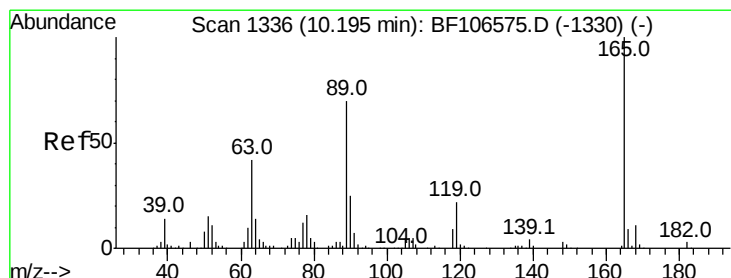
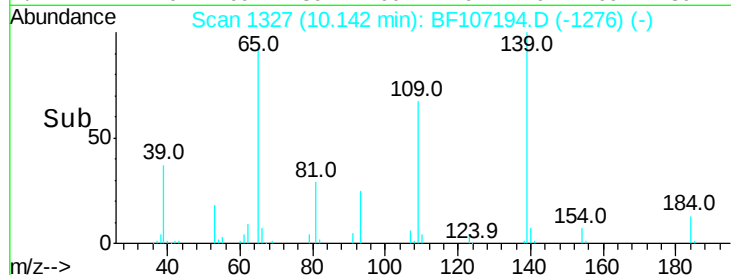
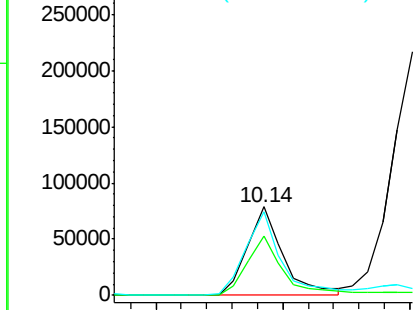


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 37.057 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.7	36.4	54.6
89	65.4	57.8	86.6
182	2.2	1.6	2.4

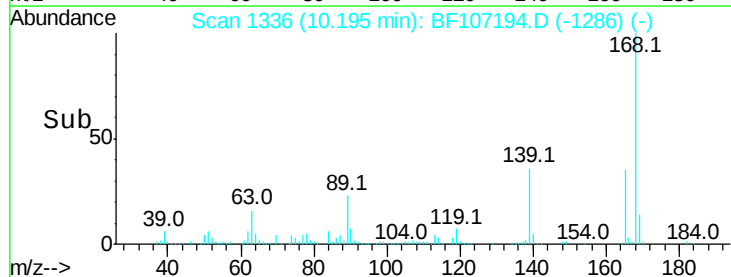
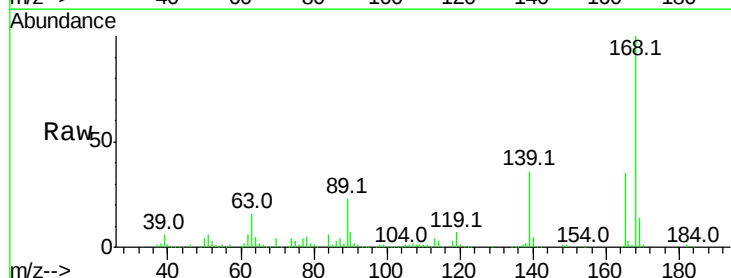
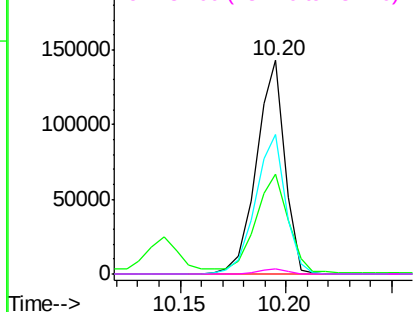
Abundance

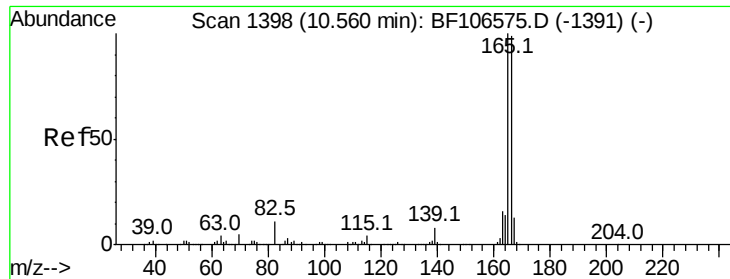
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.264 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

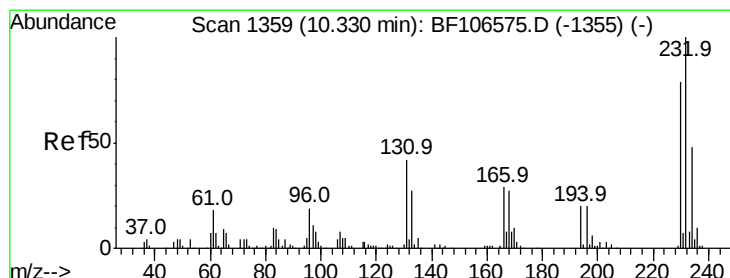
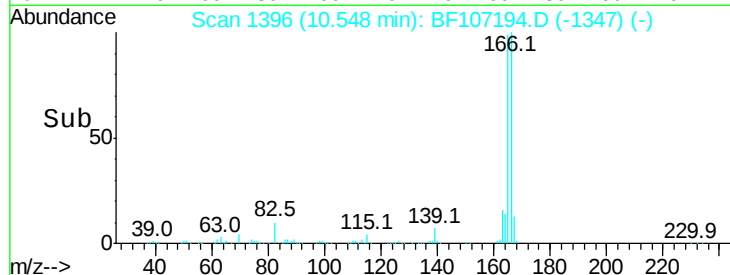
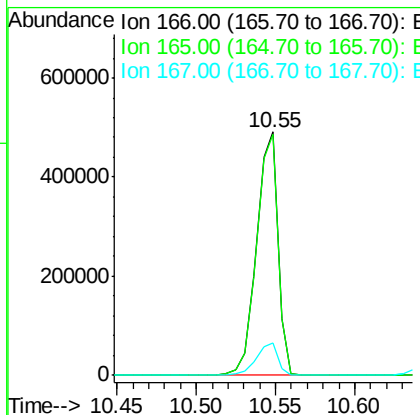
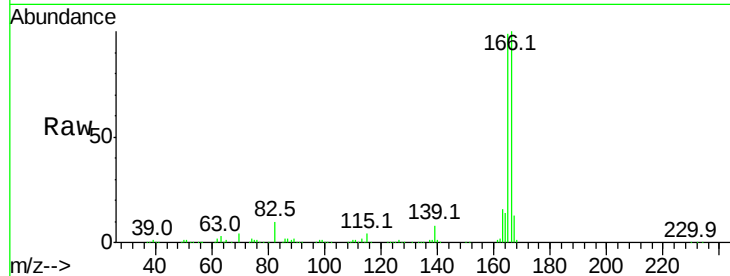
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.3	10.6	16.0

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.039 ng

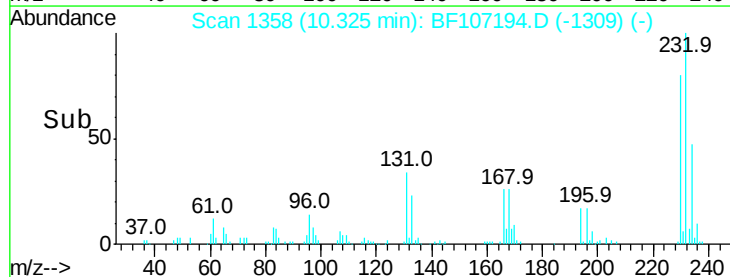
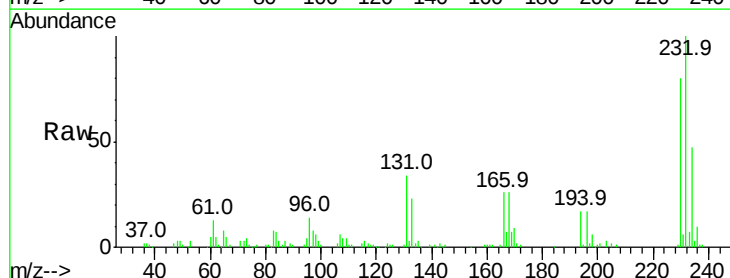
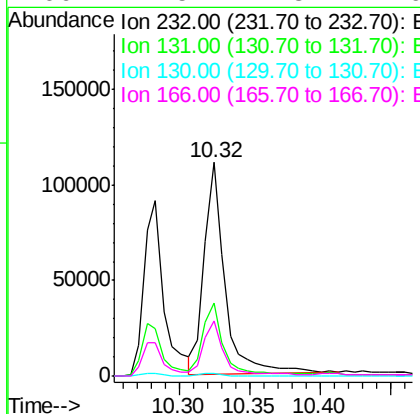
RT: 10.32 min Scan# 1358

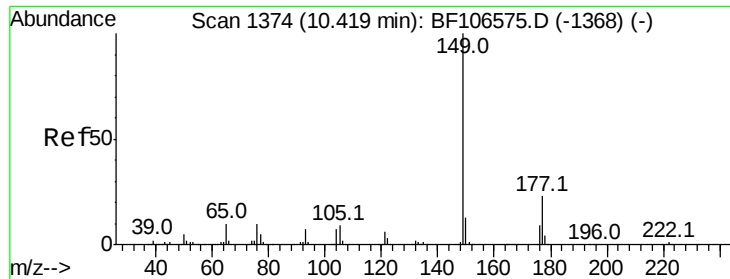
Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.2	43.8	65.8#
130	1.4	2.1	3.1#
166	24.5	27.8	41.6#





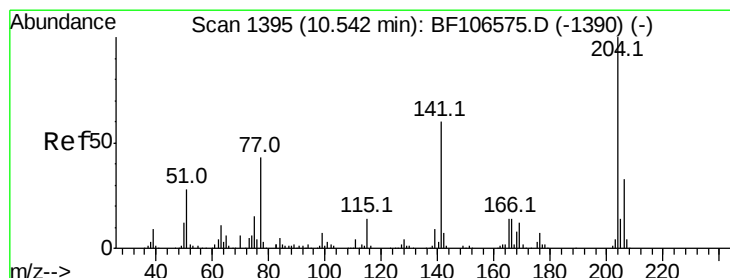
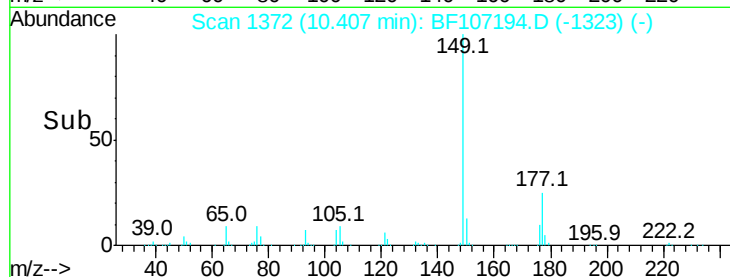
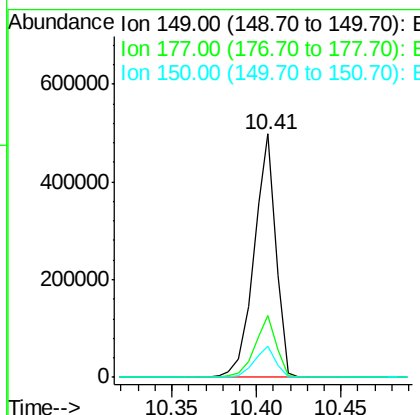
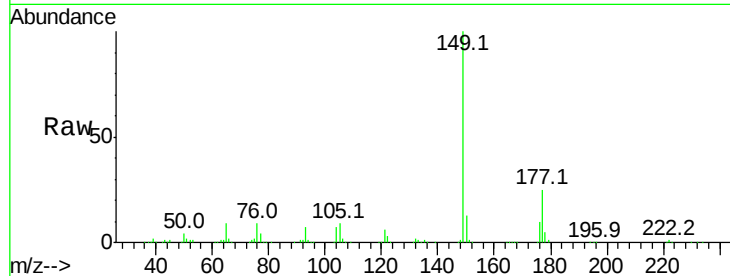
#59
Diethylphthalate
Concen: 35.709 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	448670		
177	25.3	16.1	24.1#	
150	12.9	10.1	15.1	

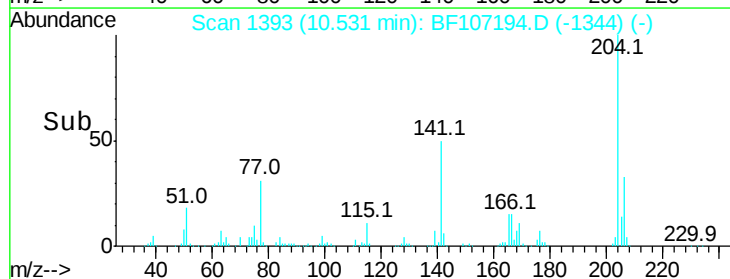
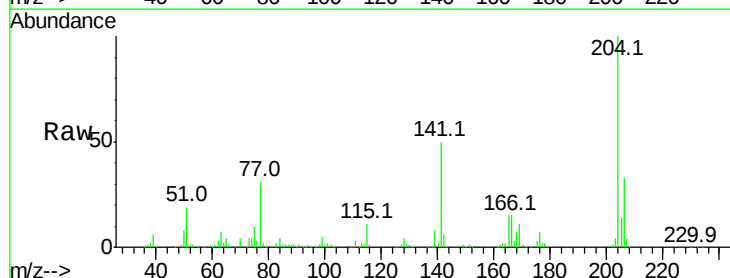
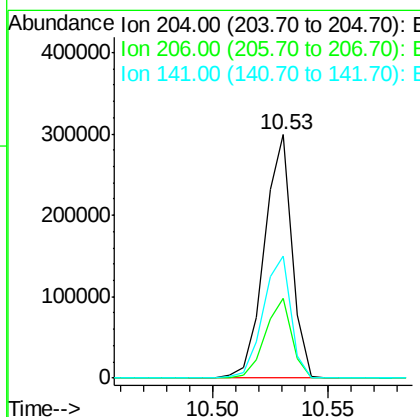
Manual Integrations
APPROVED

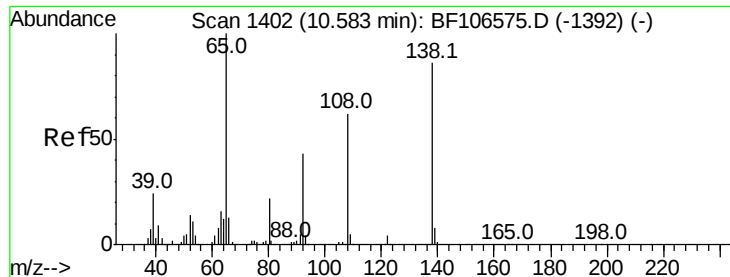
Sohil
7/9/2018 2:06:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.145 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	247075		
206	32.9	26.5	39.7	
141	50.1	54.6	81.8#	





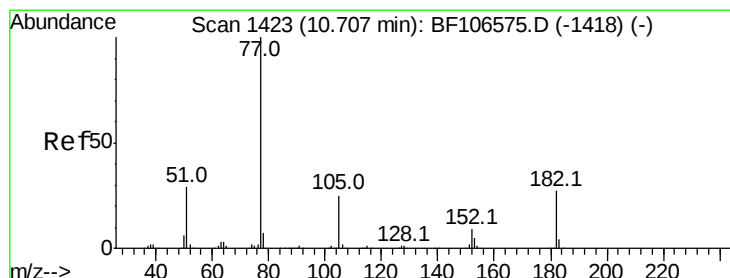
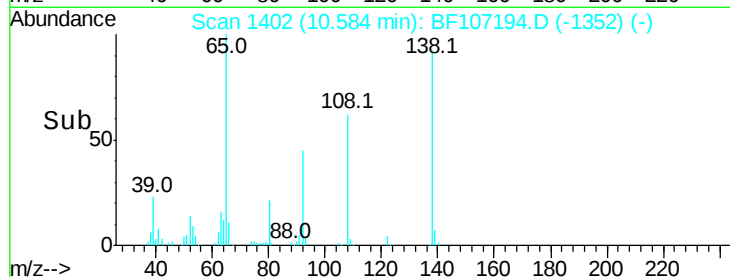
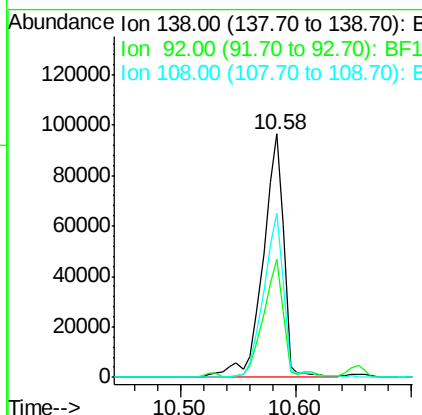
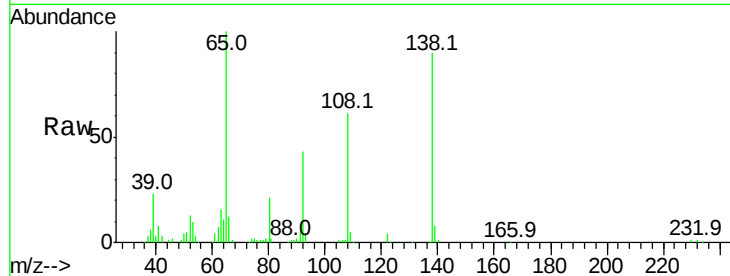
#61
4-Nitroaniline
Concen: 38.956 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.5	30.2	70.2
108	67.5	52.5	92.5

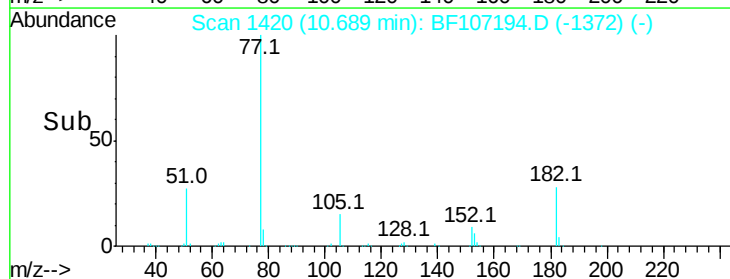
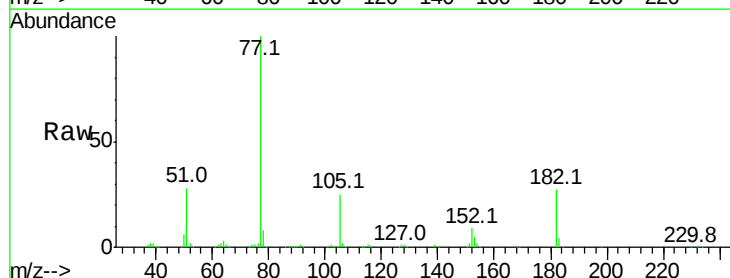
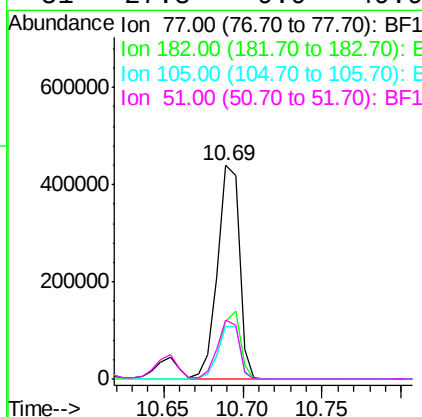
Manual Integrations
APPROVED

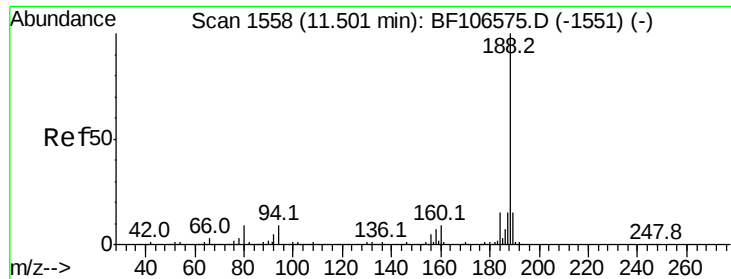
Sohil
7/9/2018 2:06:07 PM



#62
Azobenzene
Concen: 34.001 ng
RT: 10.69 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	1.7	41.7
105	24.6	3.0	43.0
51	27.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

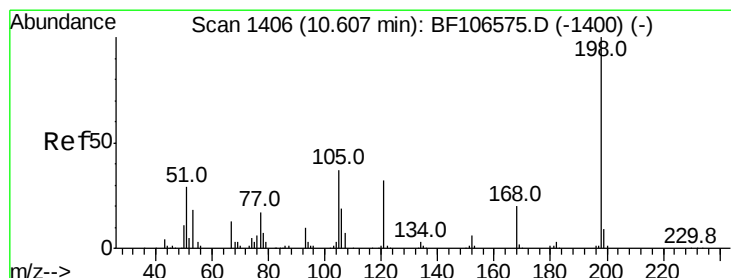
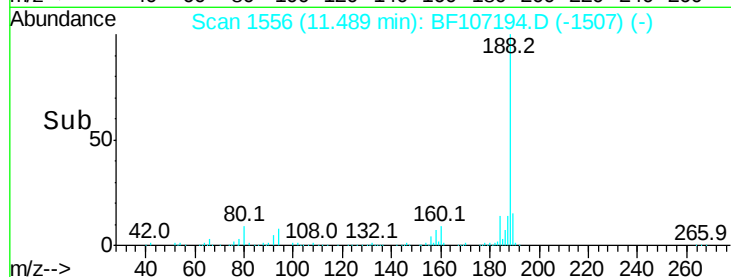
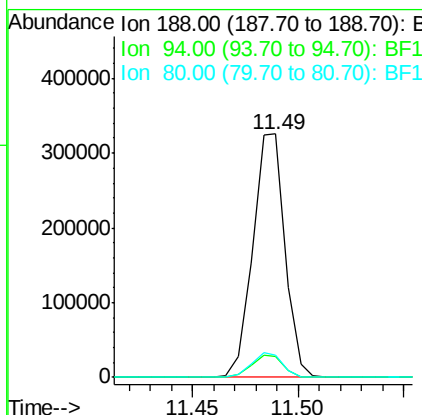
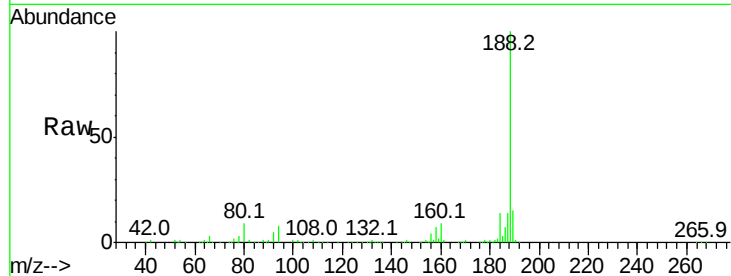
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	343773
Ion Ratio	Lower	Upper	
188	100		
94	8.3	8.5	12.7#
80	8.9	9.2	13.8#

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 38.413 ng

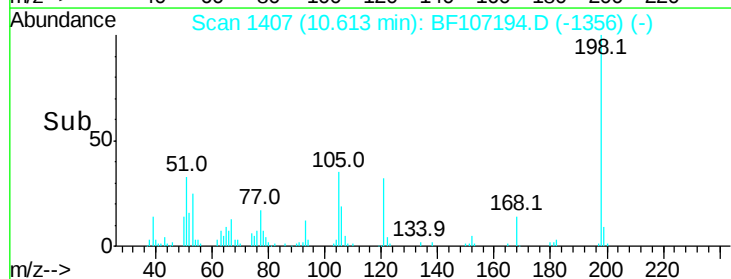
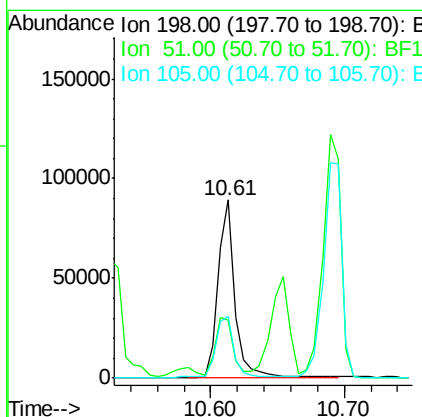
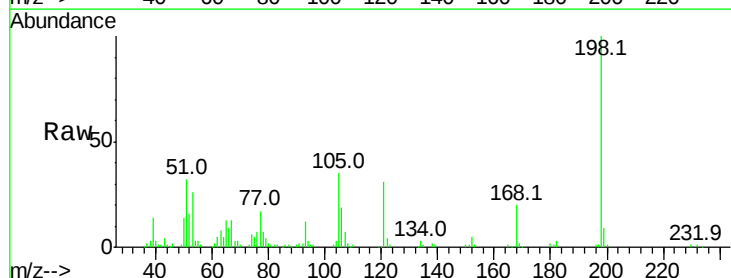
RT: 10.61 min Scan# 1407

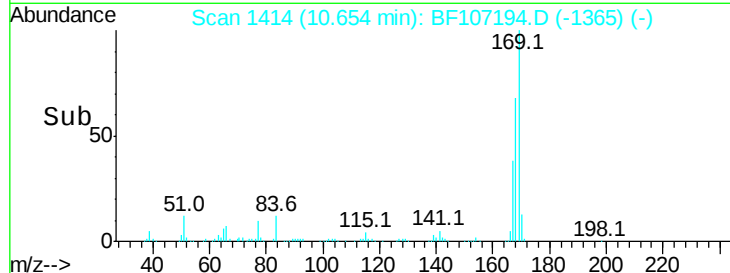
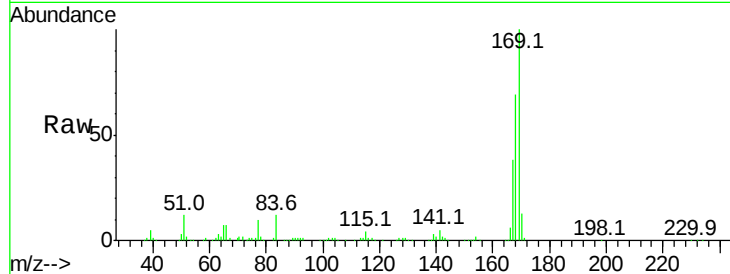
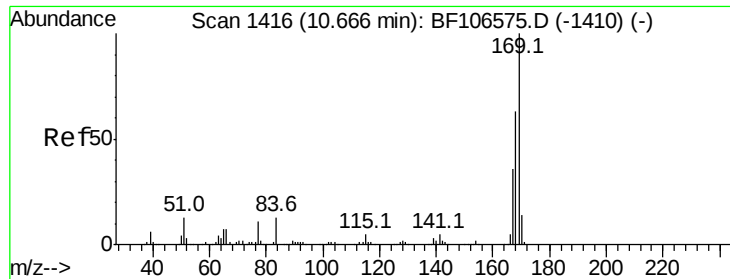
Delta R.T. 0.00 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Tgt Ion:	198	Resp:	81629
Ion Ratio	Lower	Upper	
198	100		
51	32.4	37.7	77.7#
105	35.0	36.3	76.3#





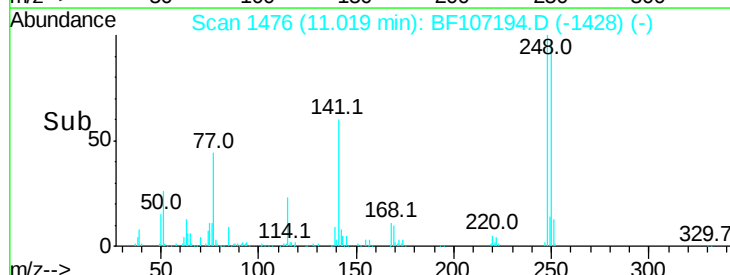
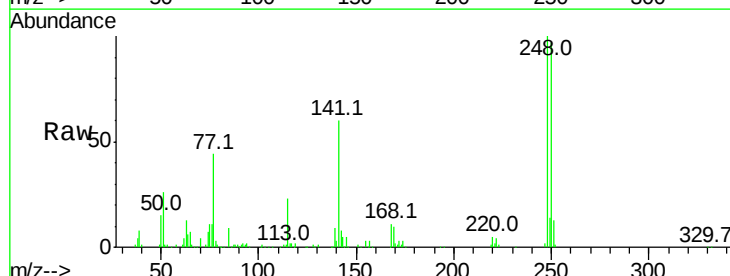
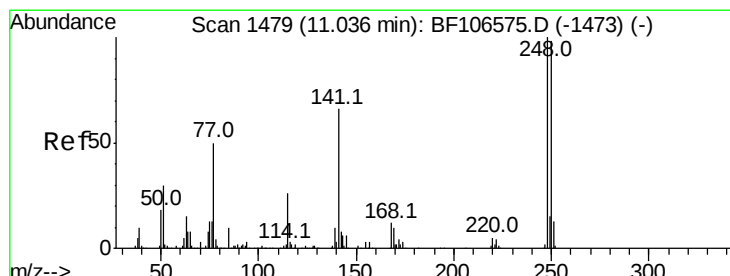
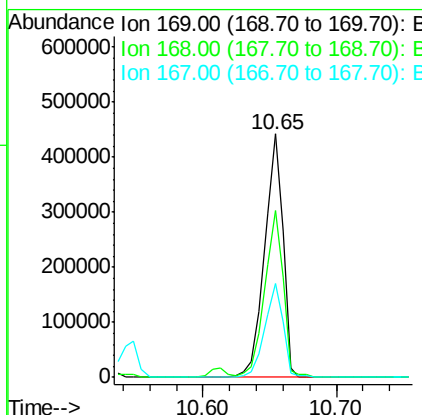
#65
n-Nitrosodiphenylamine
Concen: 36.386 ng
RT: 10.65 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.7	54.4	81.6	
167	38.3	29.8	44.6	

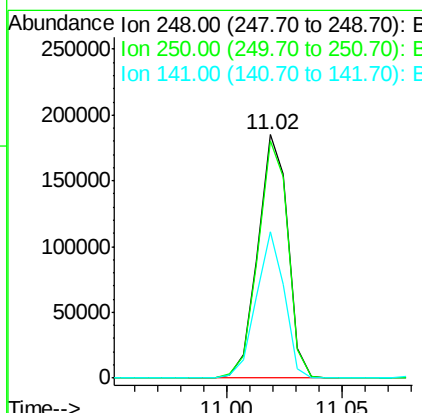
Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



#66
4-Bromophenyl-phenylether
Concen: 40.675 ng
RT: 11.02 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.2	76.9	115.3	
141	60.0	74.4	111.6	





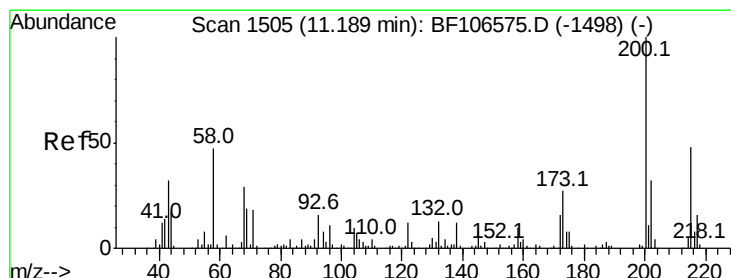
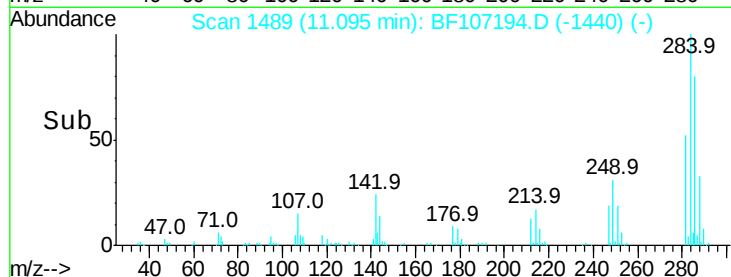
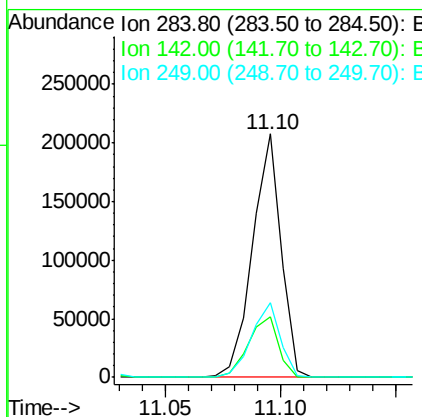
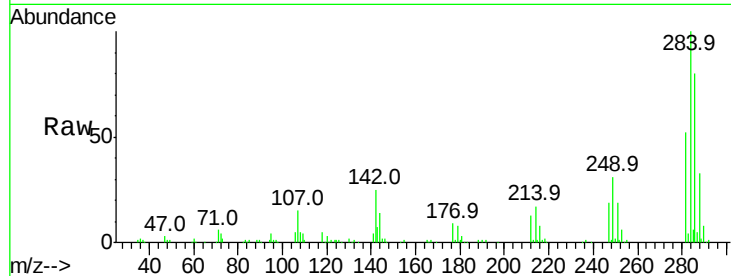
#67
Hexachlorobenzene
Concen: 41.812 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	179546		
142	24.6	34.6	52.0#	
249	30.6	24.8	37.2	

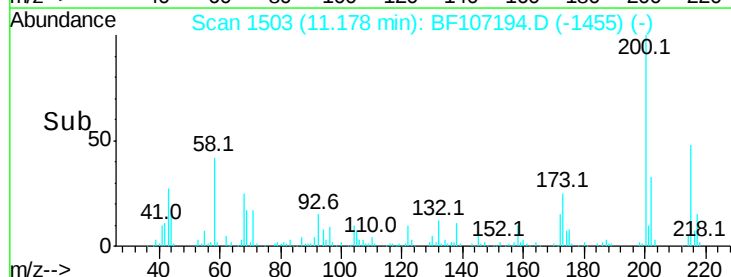
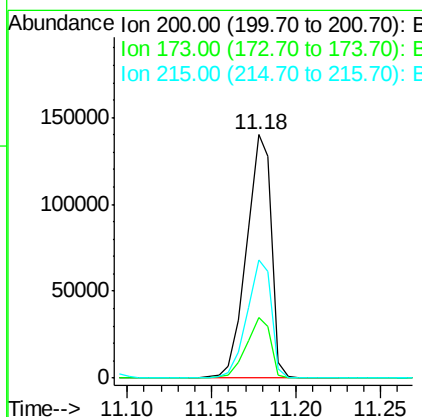
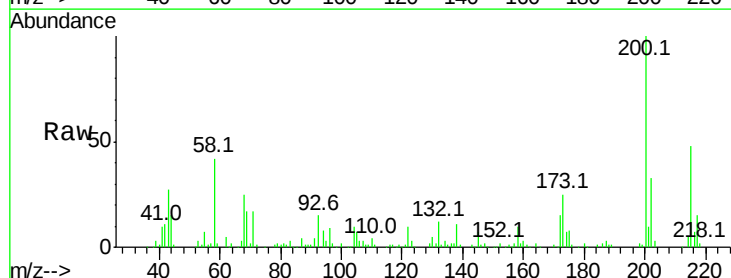
Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



#68
Atrazine
Concen: 39.227 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	144194		
173	24.7	8.6	48.6	
215	48.5	25.1	65.1	





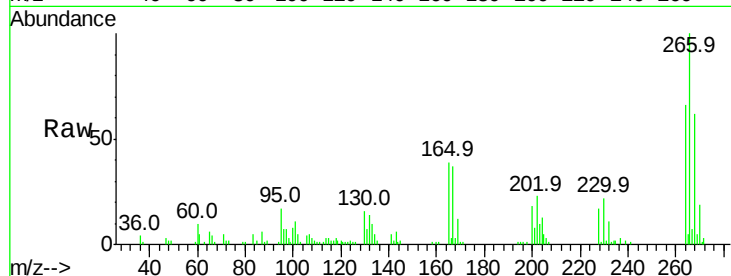
#69
 Pentachlorophenol
 Concen: 35.903 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

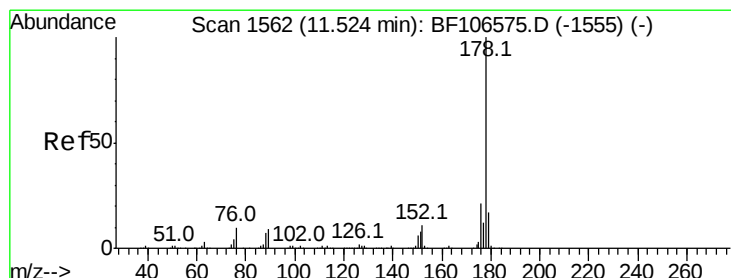
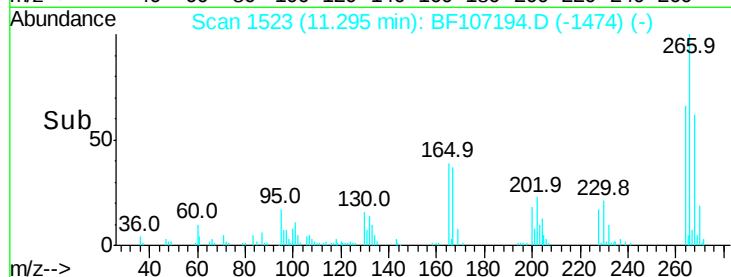
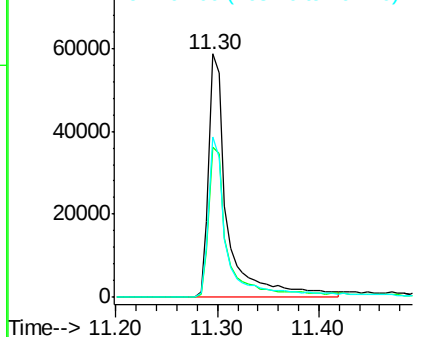
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	61.9	51.1	76.7	
264	66.1	49.5	74.3	

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:07 PM



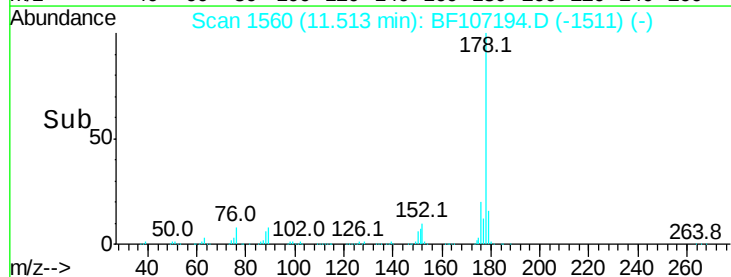
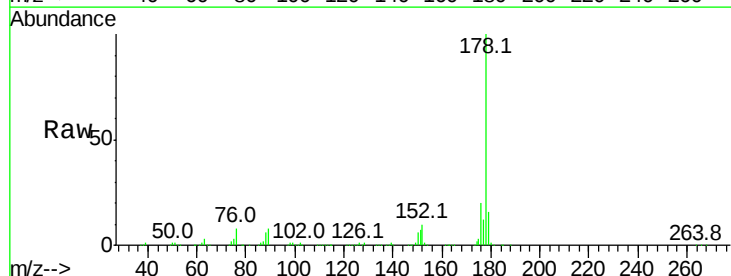
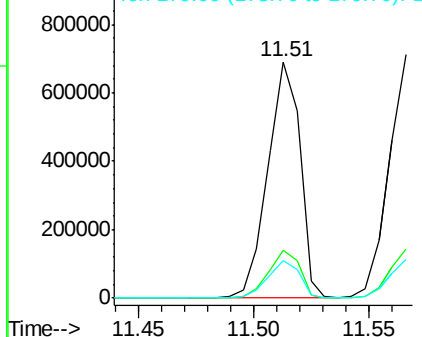
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

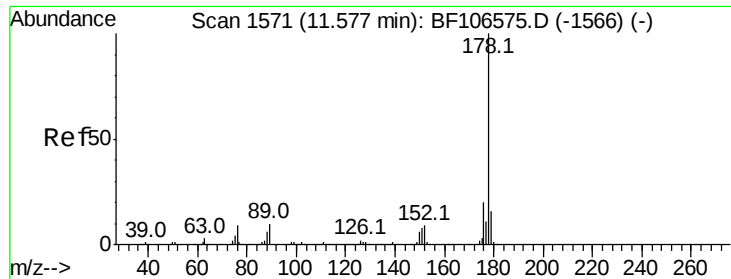


#70
 Phenanthrene
 Concen: 40.355 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.1	15.8	23.8	
179	15.8	13.0	19.6	

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





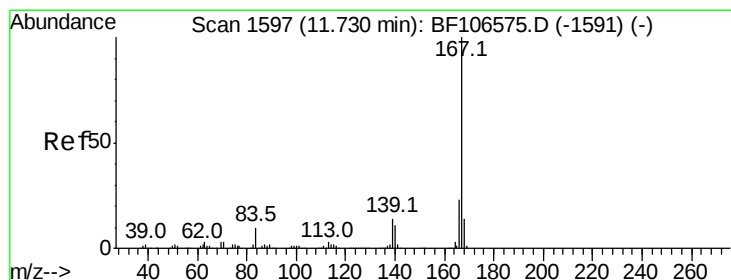
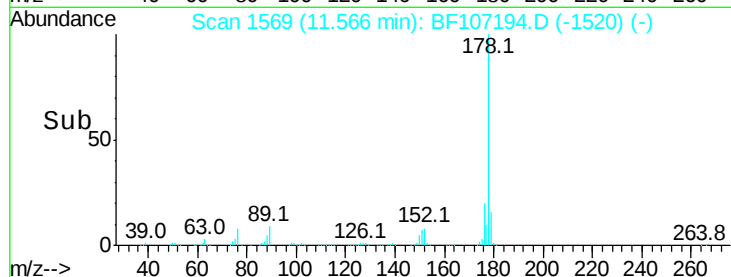
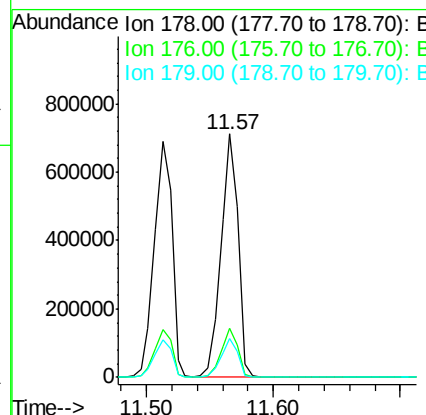
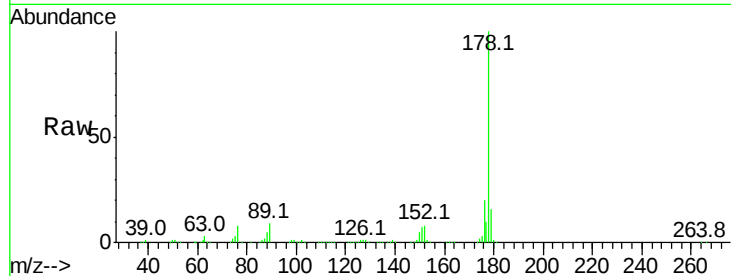
#71
 Anthracene
 Concen: 40.106 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	15.8	12.6	19.0

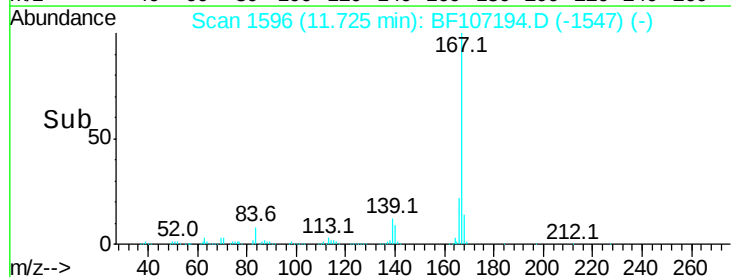
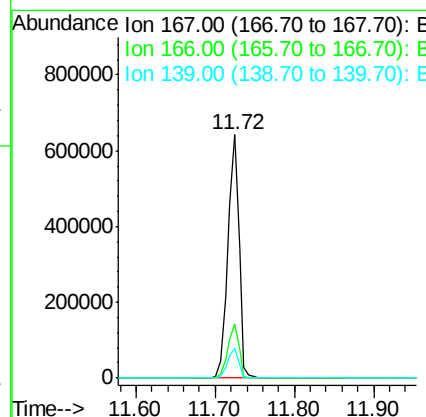
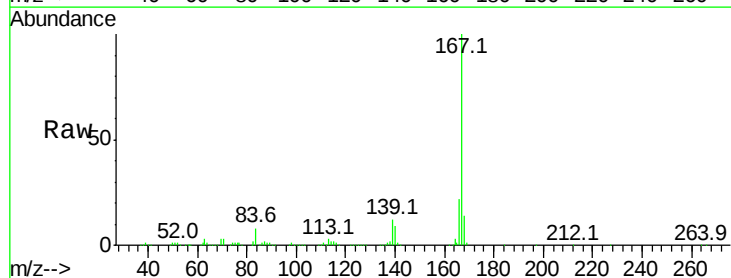
Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:07 PM



#72
 Carbazole
 Concen: 39.287 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.4	10.9	16.3





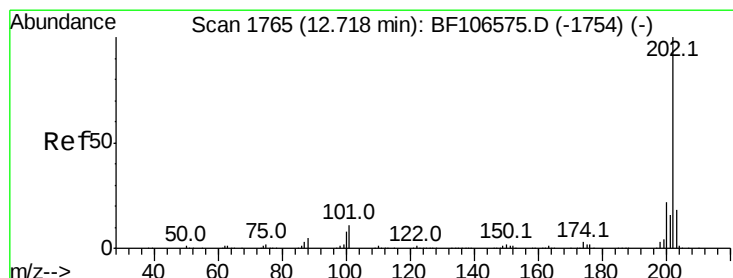
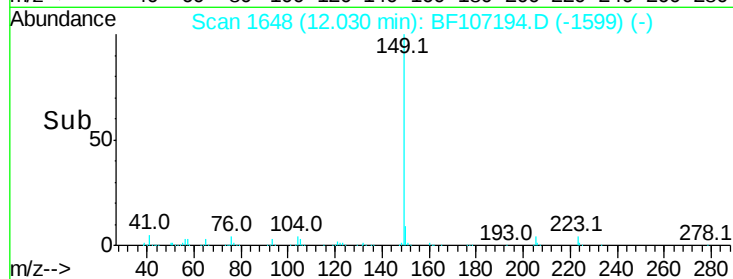
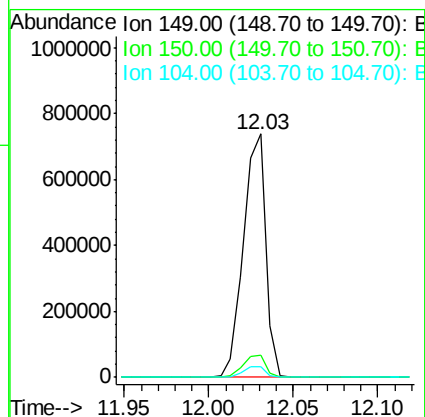
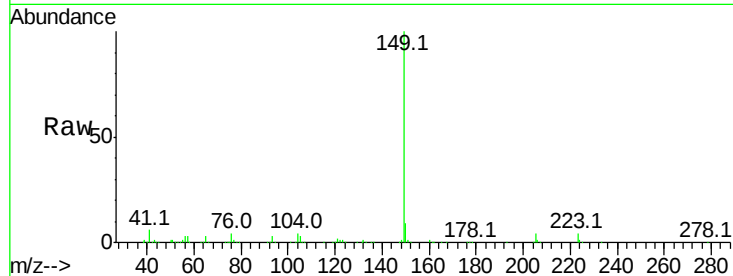
#73
Di-n-butylphthalate
Concen: 36.572 ng
RT: 12.03 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.8	11.6	
104	4.5	3.8	5.8	

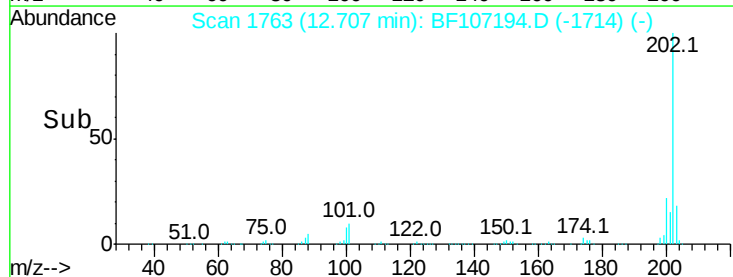
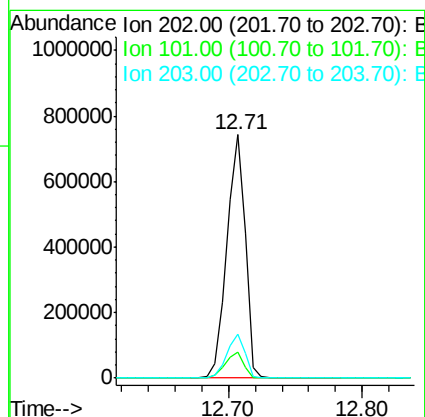
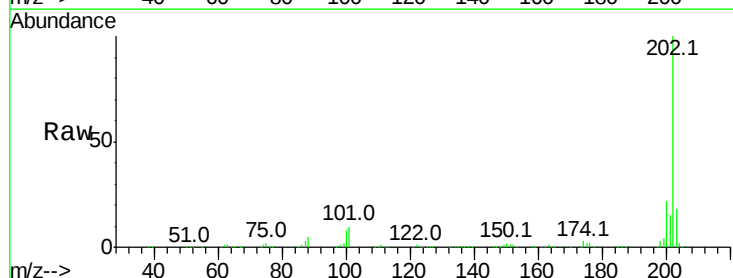
Manual Integrations
APPROVED

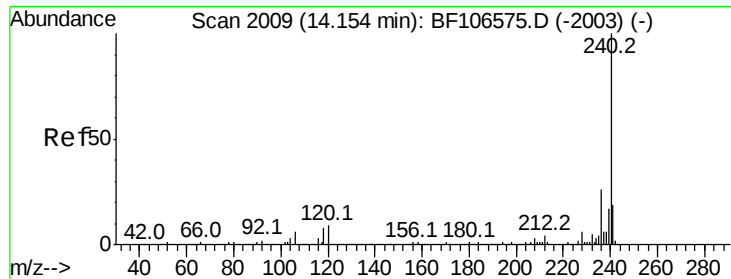
Sohil
7/9/2018 2:06:07 PM



#74
Fluoranthene
Concen: 39.675 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.5	0.0	34.1	
203	18.1	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

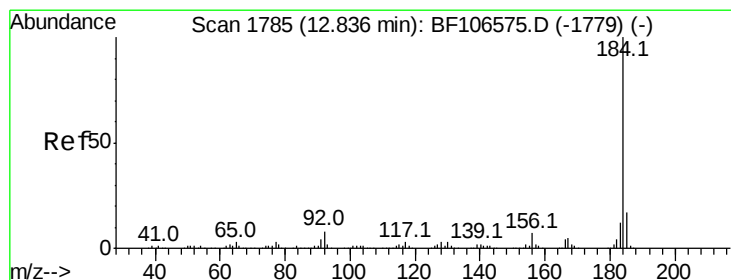
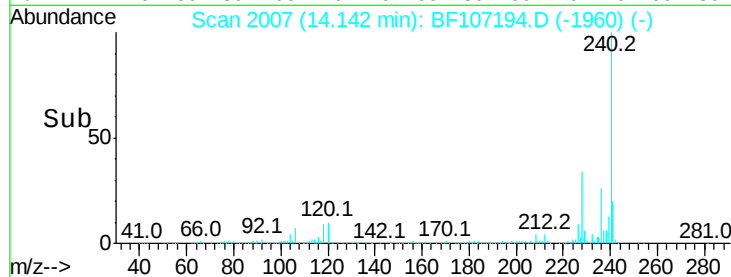
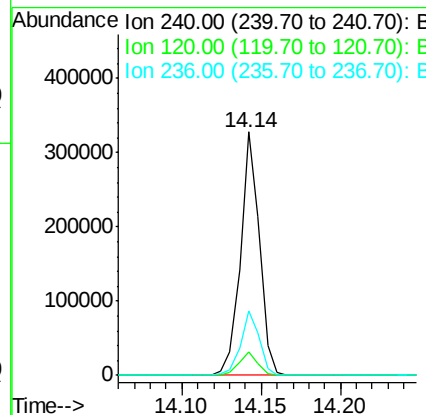
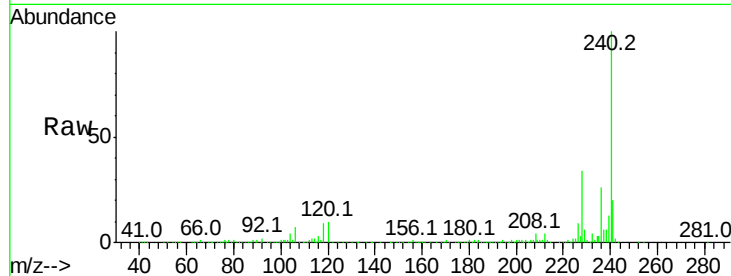
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	271315
Ion Ratio	Lower	Upper	
240	100		
120	9.7	9.5	14.3
236	26.4	20.7	31.1

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



#76

Benzidine

Concen: 35.061 ng

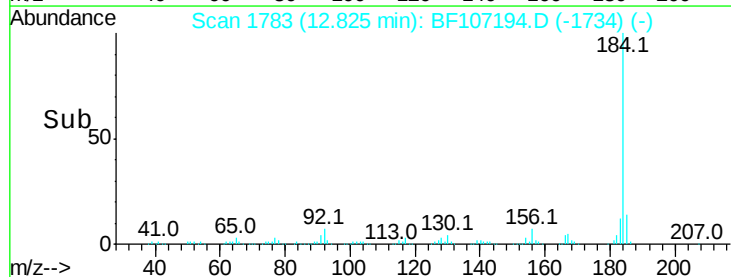
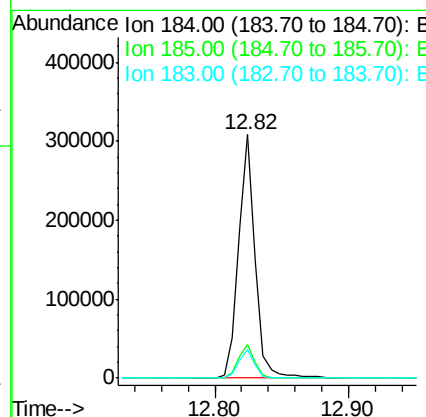
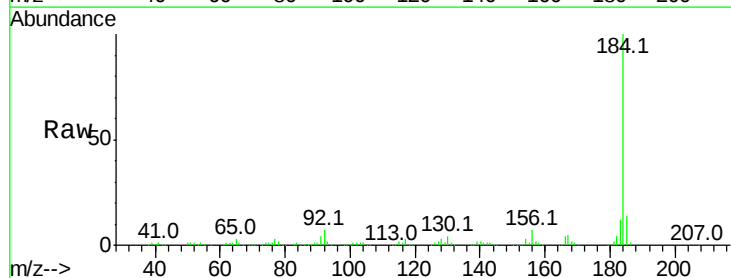
RT: 12.82 min Scan# 1783

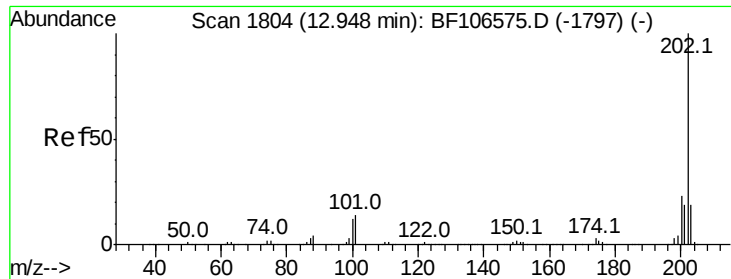
Delta R.T. -0.01 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Tgt Ion:	184	Resp:	270914
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.6	18.8
183	12.0	9.3	13.9





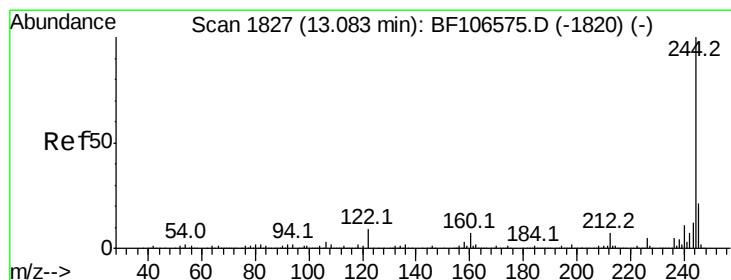
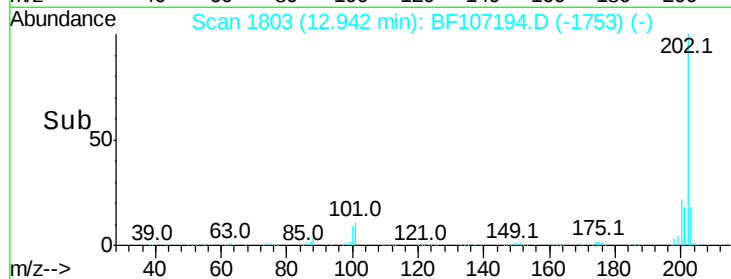
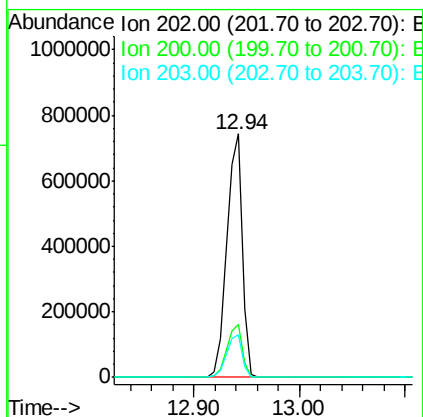
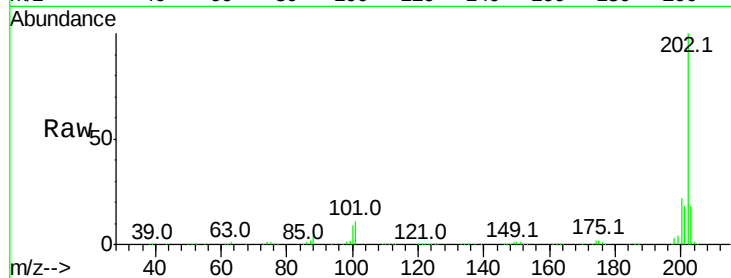
#77
Pvrene
Concen: 41.730 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.8	14.3	21.5

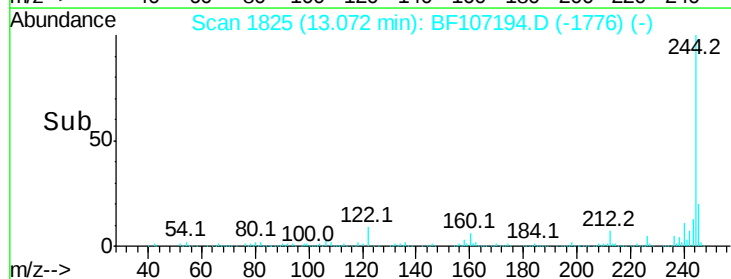
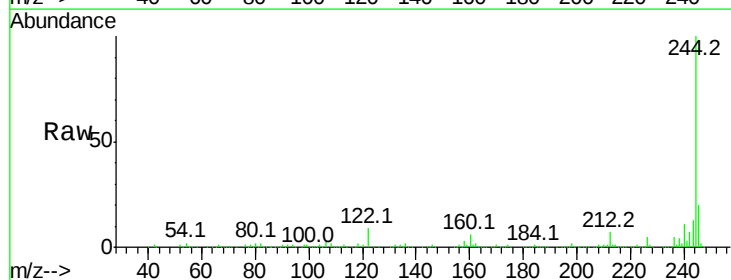
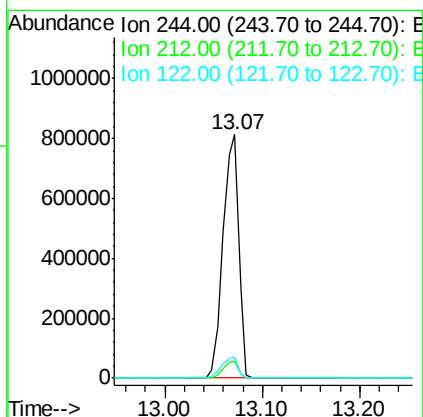
Manual Integrations
APPROVED

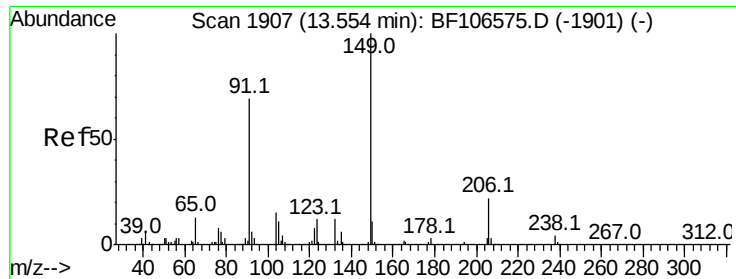
Sohil
7/9/2018 2:06:07 PM



#78
Terphenyl-d14
Concen: 81.064 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	8.6	11.0	16.4#





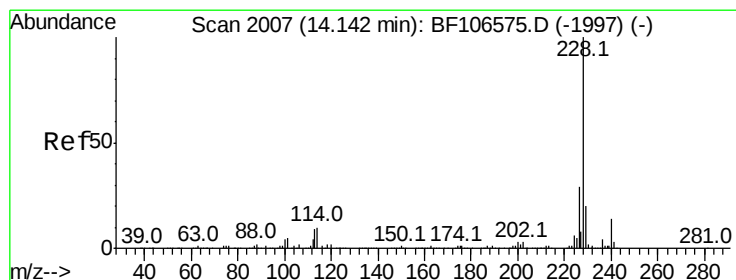
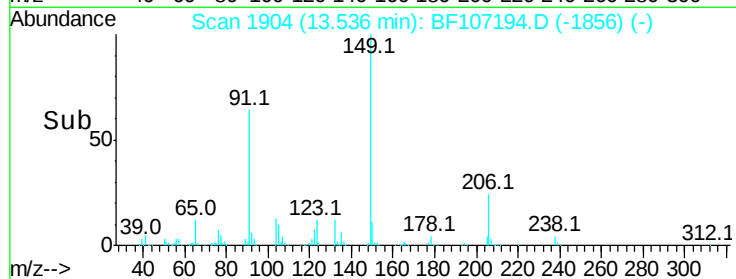
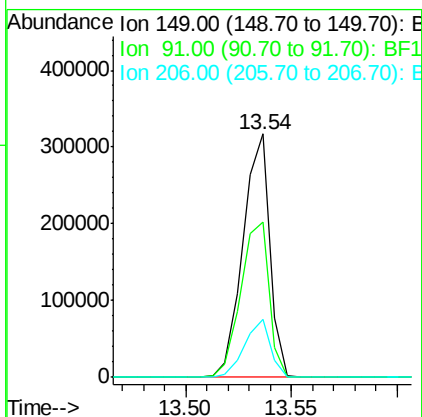
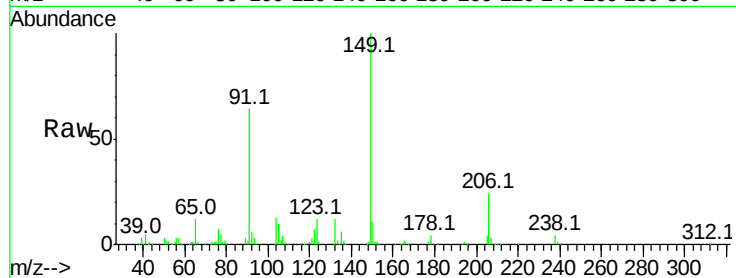
#79
Butylbenzylphthalate
Concen: 38.008 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.0	56.8	85.2
206	23.9	14.1	21.1

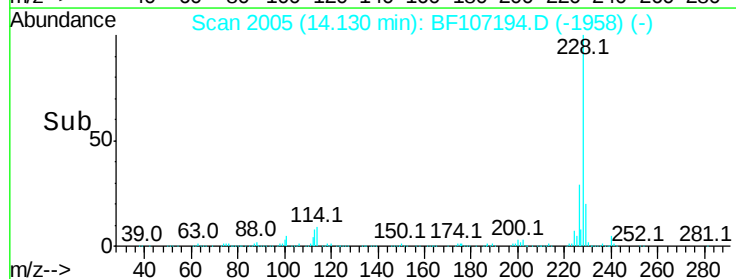
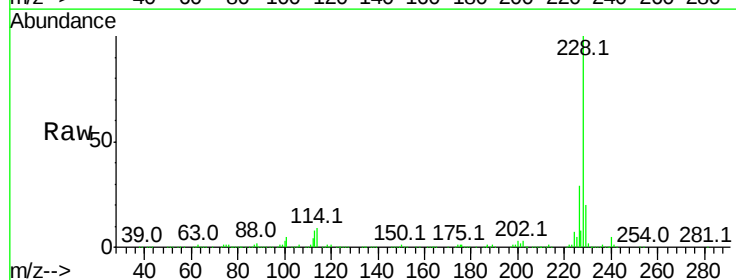
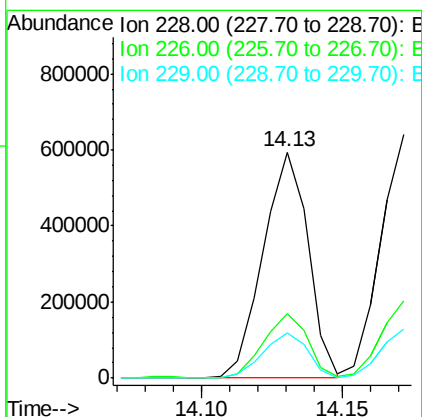
Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



#80
Benzo(a)anthracene
Concen: 39.694 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.1	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 35.552 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

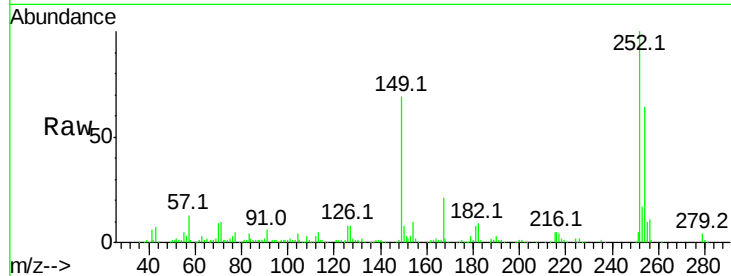
ClientSampleId :

SSTDCCC040

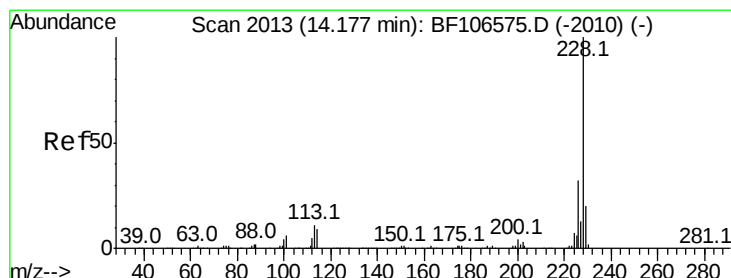
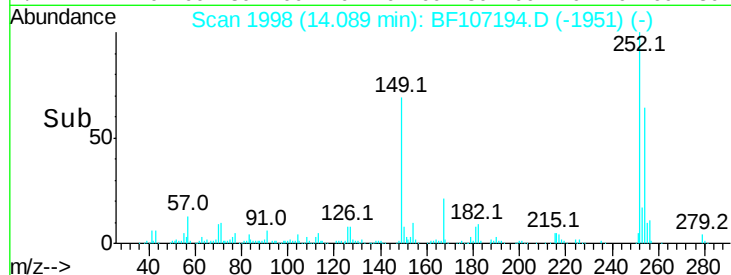
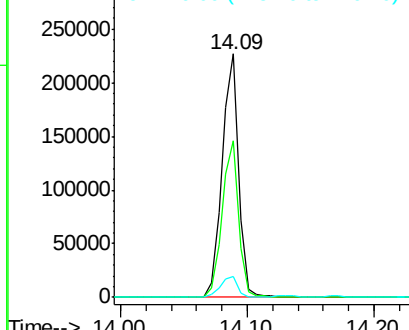
Tot Ion:	252	Resp:	206619
Ion Ratio		Lower	Upper
252	100		
254	64.4	50.4	75.6
126	8.3	11.3	16.9#

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:07 PM



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



#82

Chrysene

Concen: 39.516 ng

RT: 14.17 min Scan# 2012

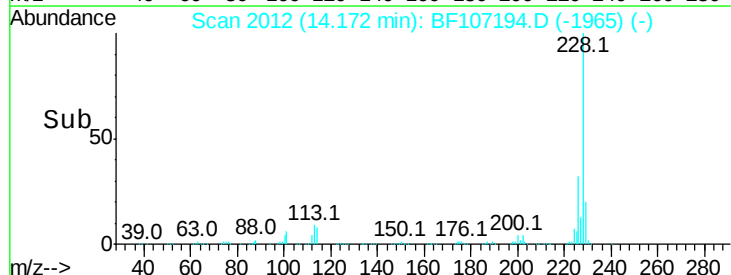
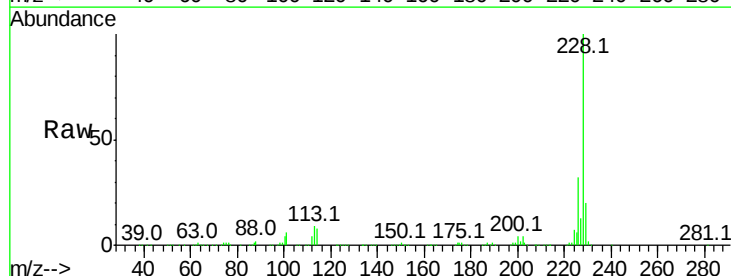
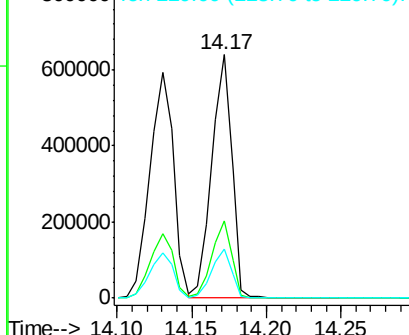
Delta R.T. -0.02 min

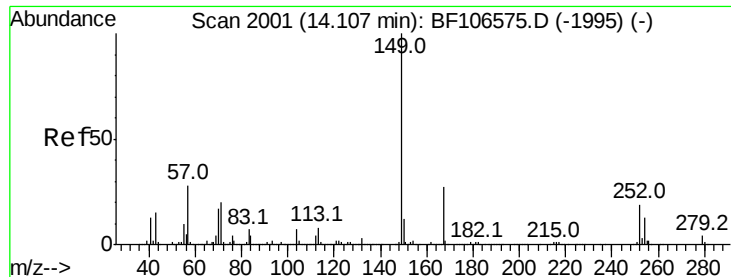
Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Tgt Ion:	228	Resp:	601157
Ion Ratio		Lower	Upper
228	100		
226	31.8	25.0	37.6
229	20.4	16.2	24.4

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.654 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107194.D

Acq: 7 Jul 2018 9:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 325902
Ion Ratio Lower Upper

149 100

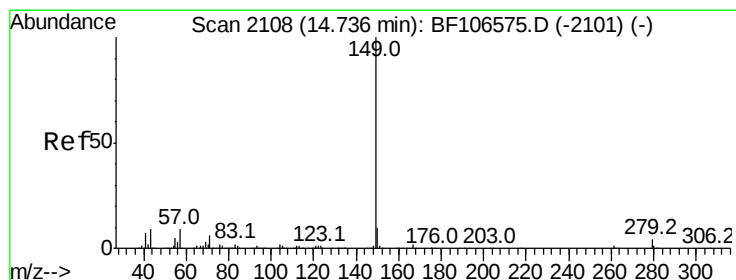
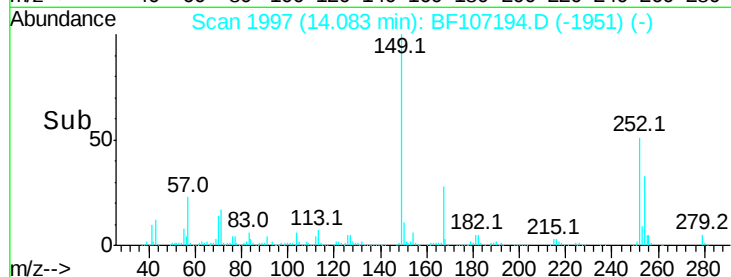
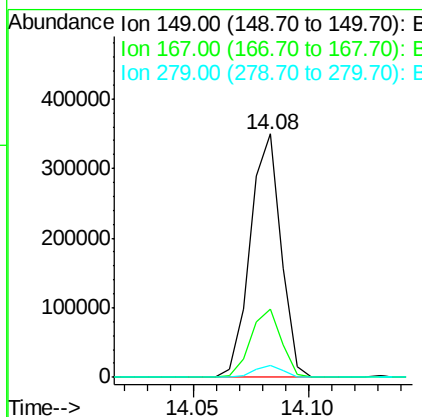
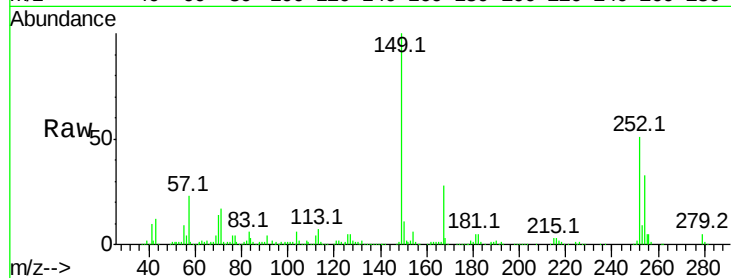
167 28.2 21.3 31.9

279 5.1 3.0 4.4#

Manual Integrations
APPROVED

Sohil

7/9/2018 2:06:07 PM



#84

Di-n-octyl phthalate

Concen: 36.954 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.06 min

Lab File: BF107194.D

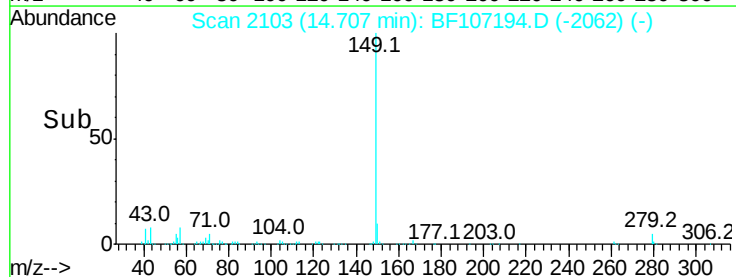
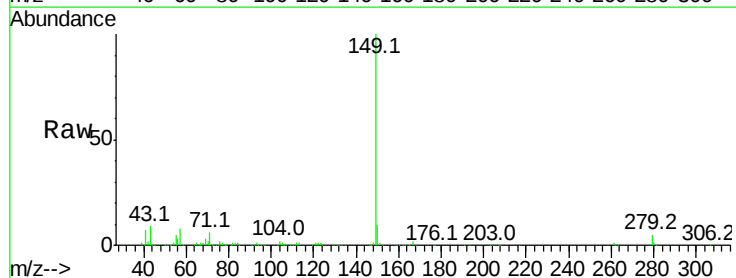
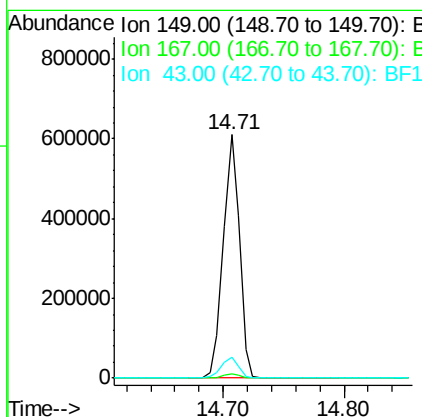
Acq: 7 Jul 2018 9:47

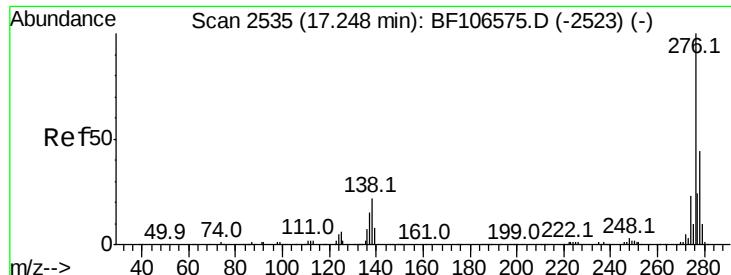
Tgt Ion:149 Resp: 566492
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 8.6 8.4 12.6





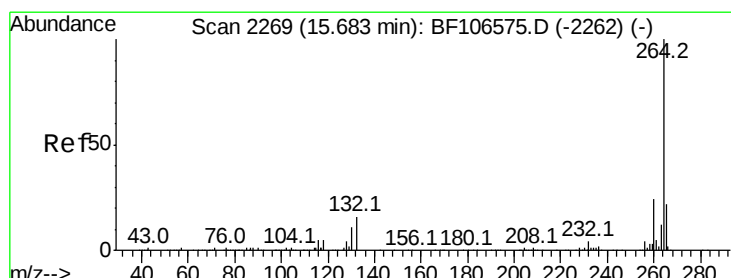
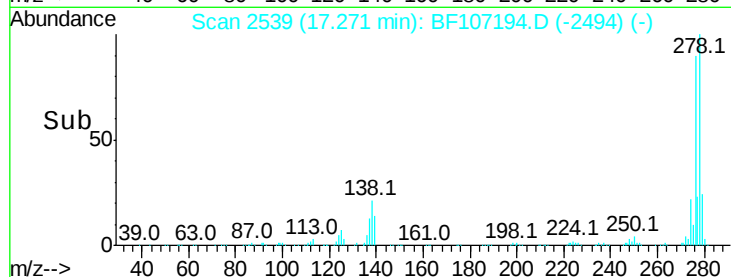
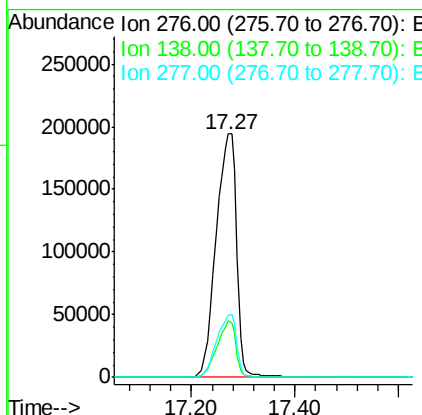
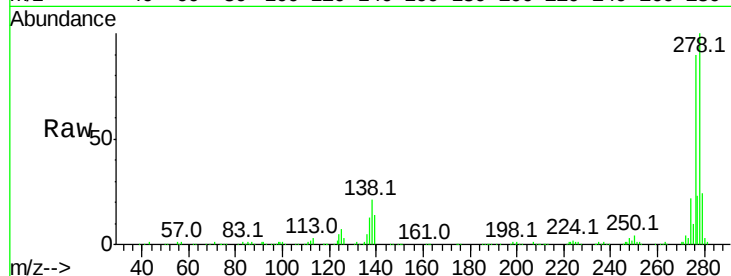
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.472 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

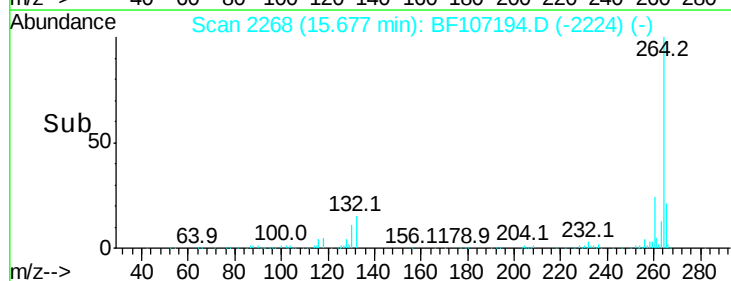
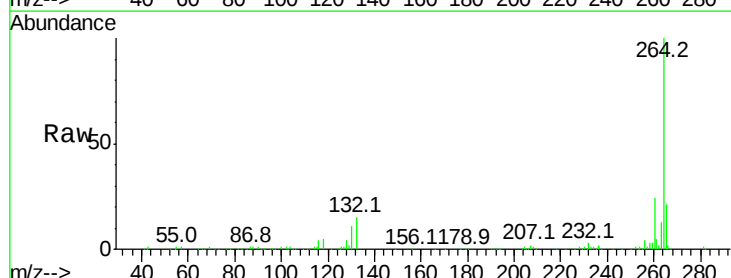
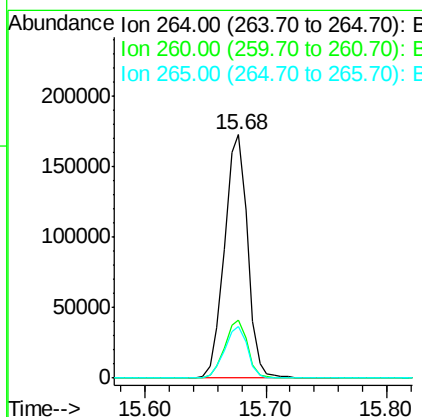
Manual Integrations
APPROVED

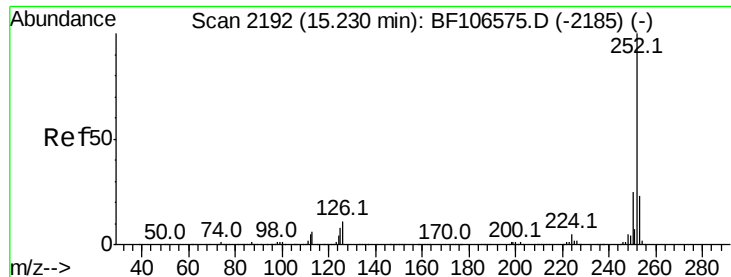
Sohil
7/9/2018 2:06:07 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3





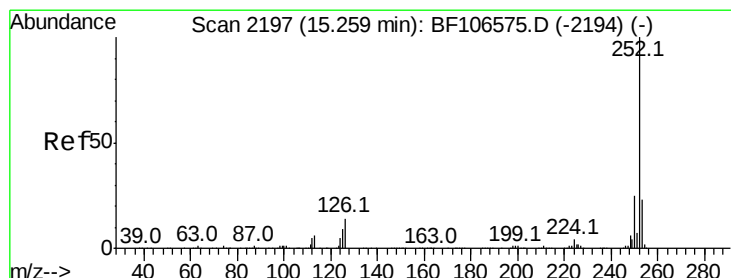
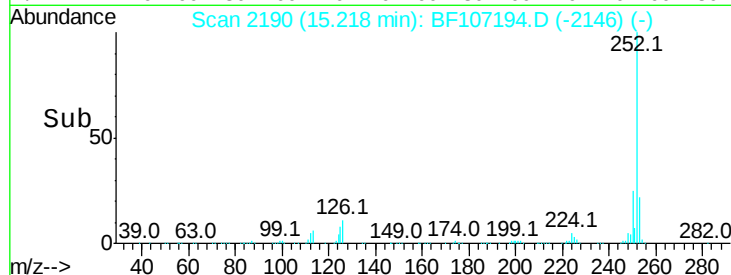
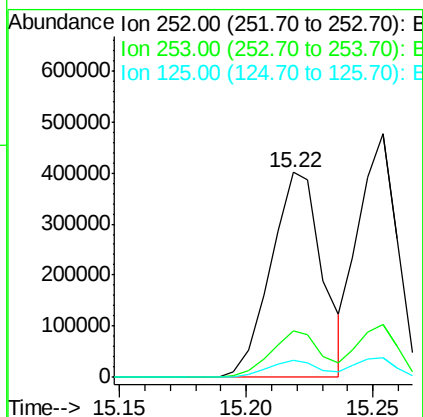
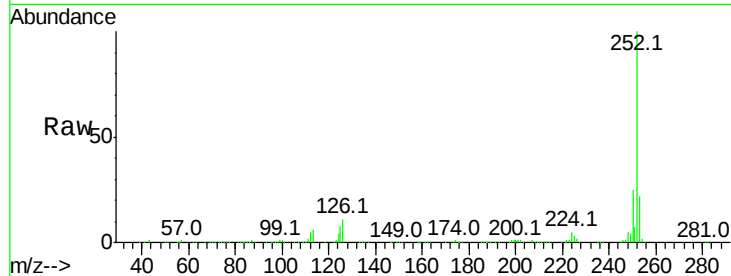
#87
Benzo(b)fluoranthene
Concen: 39.848 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	8.5	9.0	13.6#

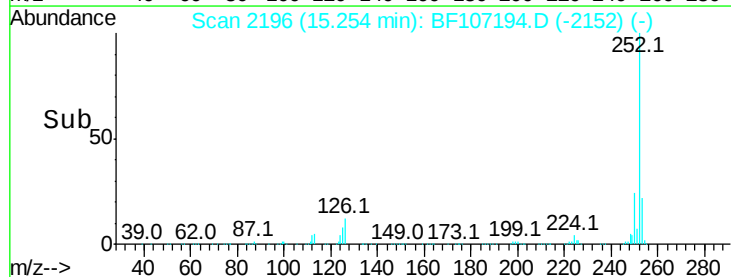
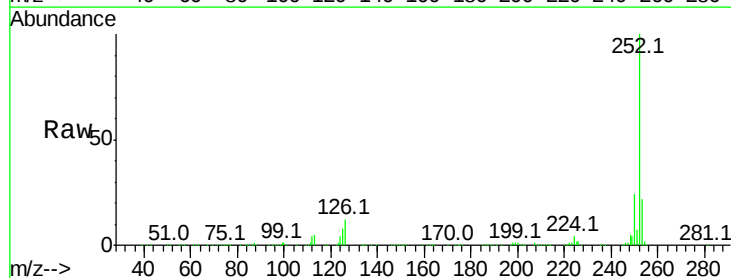
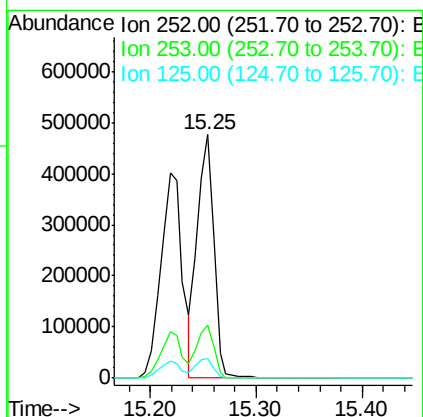
Manual Integrations
APPROVED

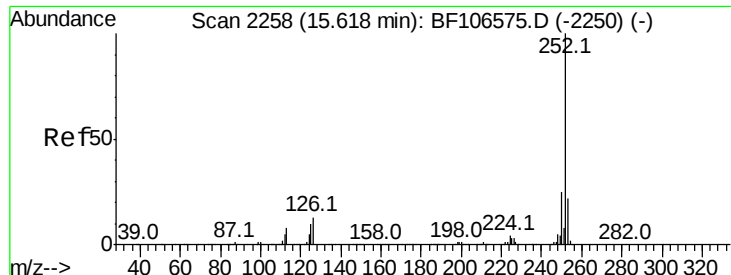
Sohil
7/9/2018 2:06:07 PM



#88
Benzo(k)fluoranthene
Concen: 37.675 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	7.8	10.2	15.2#





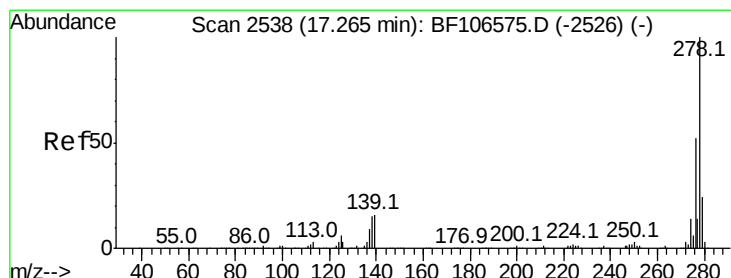
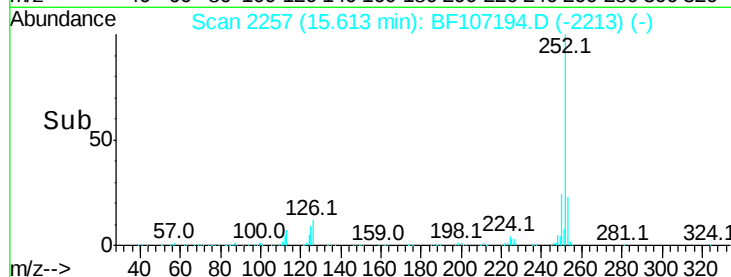
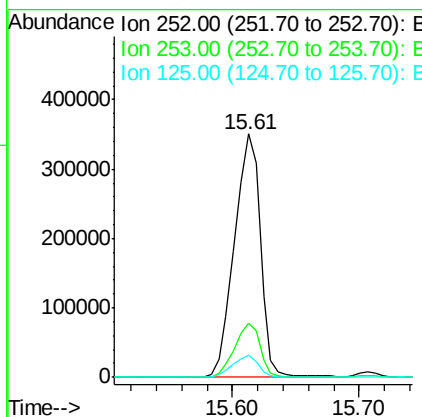
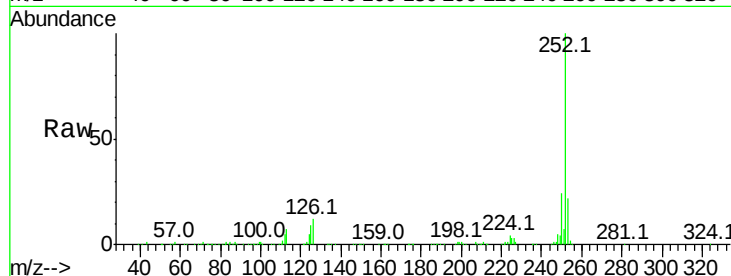
#89
Benzo(a)pyrene
Concen: 39.185 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	9.3	9.8	14.6

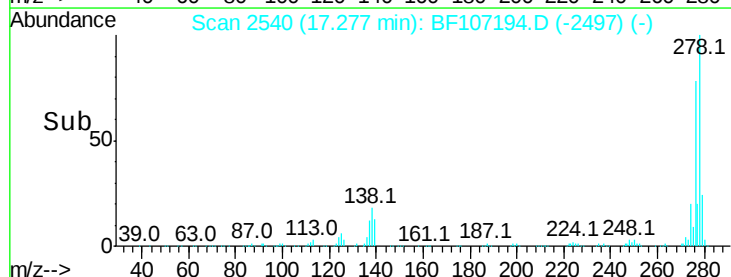
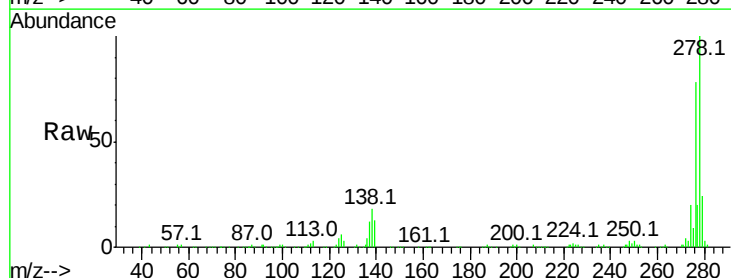
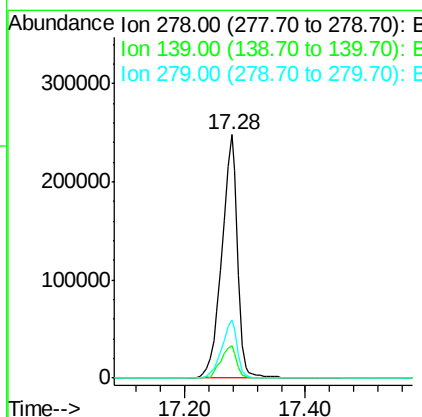
Manual Integrations
APPROVED

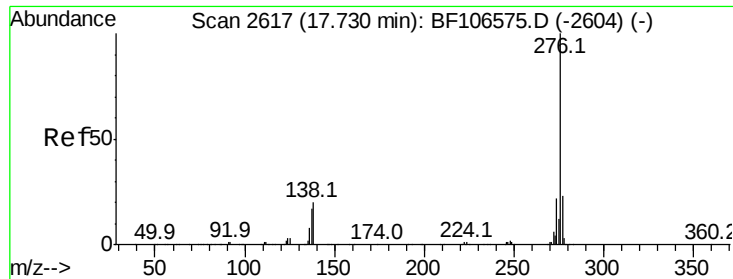
Sohil
7/9/2018 2:06:07 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.765 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.05 min
Lab File: BF107194.D
Acq: 7 Jul 2018 9:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.404 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.04 min
 Lab File: BF107194.D
 Acq: 7 Jul 2018 9:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	19.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:07 PM

