

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042886.D
 Acq On : 18 Sep 2019 9:18
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

Jagrut
 9/19/2019 10:48:02 AM

Quant Time: Sep 19 02:18:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54186	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	221253	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	165807	20.00	ng	-0.02
64) Phenanthrene-d10	17.46	188	398075	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	348333	20.00	ng	-0.02
87) Perylene-d12	25.00	264	368196	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	246690	79.15	ng	0.01
7) Phenol-d6	7.29	99	369490	82.59	ng	0.03
23) Nitrobenzene-d5	9.27	82	391241	92.06	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	214721	97.34	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	932493	89.02	ng	-0.02
79) Terphenyl-d14	20.07	244	1572579	100.06	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	55320	38.892	ng	# 93
3) Pyridine	4.02	79	139813	32.646	ng	85
4) n-Nitrosodimethylamine	3.91	42	85174	40.872	ng	# 77
6) Aniline	7.44	93	231981	38.435	ng	95
8) 2-Chlorophenol	7.68	128	138659	41.157	ng	96
9) Benzaldehyde	7.25	77	104075	35.750	ng	97
10) Phenol	7.32	94	185741	40.486	ng	92
11) bis(2-Chloroethyl)ether	7.53	93	136691	38.822	ng	96
12) 1,3-Dichlorobenzene	7.99	146	169885	41.343	ng	98
13) 1,4-Dichlorobenzene	8.14	146	173122	42.081	ng	98
14) 1,2-Dichlorobenzene	8.46	146	163626	41.783	ng	97
15) Benzyl Alcohol	8.36	79	159012	41.419	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.64	45	317602	41.076	ng	98
17) 2-Methylphenol	8.56	107	129577	42.217	ng	98
18) Hexachloroethane	9.19	117	64652	42.566	ng	90
19) n-Nitroso-di-n-propylamine	8.92	70	130543	39.602	ng	# 94
20) 3+4-Methylphenols	8.89	107	181228	42.834	ng	96
22) Acetophenone	8.94	105	228191	40.837	ng	96
24) Nitrobenzene	9.32	77	200867	45.030	ng	99
25) Isophorone	9.86	82	357942	40.408	ng	97
26) 2-Nitrophenol	10.02	139	86878	49.529	ng	95
27) 2,4-Dimethylphenol	10.09	122	131612	42.417	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	196555	39.788	ng	97
29) 2,4-Dichlorophenol	10.57	162	163186	45.258	ng	97
30) 1,2,4-Trichlorobenzene	10.77	180	199714	45.367	ng	98
31) Naphthalene	10.96	128	479591	43.902	ng	100
32) Benzoic acid	10.27	122	111401	44.838	ng	95
33) 4-Chloroaniline	11.07	127	220245	43.136	ng	99
34) Hexachlorobutadiene	11.25	225	145330	47.118	ng	99
35) Caprolactam	11.92	113	55124	41.112	ng	# 90
36) 4-Chloro-3-methylphenol	12.21	107	174677	44.618	ng	96
37) 2-Methylnaphthalene	12.56	142	370804	45.314	ng	97
38) 1-Methylnaphthalene	12.78	142	347658m	45.298	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	245838	44.869	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042886.D
 Acq On : 18 Sep 2019 9:18
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Jagrut
 9/19/2019 10:48:02 AM

Quant Time: Sep 19 02:18:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	164040	52.262	nq	98
43) 2,4,6-Trichlorophenol	13.17	196	166798	45.727	nq	99
44) 2,4,5-Trichlorophenol	13.25	196	170178	45.548	nq	97
46) 1,1'-Biphenyl	13.56	154	502884	43.324	nq	100
47) 2-Chloronaphthalene	13.60	162	414456	43.163	nq	97
48) 2-Nitroaniline	13.81	65	156136	46.875	nq	96
49) Acenaphthylene	14.44	152	638548	43.517	nq	99
50) Dimethylphthalate	14.19	163	542763	43.697	nq	99
51) 2,6-Dinitrotoluene	14.30	165	117312	46.029	nq	97
52) Acenaphthene	14.79	154	395866	41.295	nq	95
53) 3-Nitroaniline	14.63	138	124809	43.633	nq	99
54) 2,4-Dinitrophenol	14.83	184	71480	56.971	nq	# 71
55) Dibenzofuran	15.12	168	635545	44.603	nq	98
56) 4-Nitrophenol	14.96	139	86343	39.040	nq	93
57) 2,4-Dinitrotoluene	15.08	165	172990	50.922	nq	97
58) Fluorene	15.77	166	542310	45.924	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	171055	47.228	nq	99
60) Diethylphthalate	15.54	149	548742	43.522	nq	99
61) 4-Chlorophenyl-phenylether	15.76	204	326583	46.774	nq	99
62) 4-Nitroaniline	15.80	138	133852	43.412	nq	85
63) Azobenzene	16.05	77	518316	42.690	nq	96
65) 4,6-Dinitro-2-methylphenol	15.84	198	99664	58.512	nq	91
66) n-Nitrosodiphenylamine	15.97	169	471353	44.003	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	214894	44.601	nq	99
68) Hexachlorobenzene	16.77	284	235238	45.691	nq	96
69) Atrazine	16.93	200	132237	35.450	nq	97
70) Pentachlorophenol	17.12	266	130243	42.644	nq	96
71) Phenanthrene	17.51	178	841560	44.205	nq	98
72) Anthracene	17.60	178	830603	43.671	nq	100
73) Carbazole	17.87	167	748246	41.392	nq	98
74) Di-n-butylphthalate	18.43	149	887618	40.990	nq	99
75) Fluoranthene	19.52	202	1018625	41.285	nq	98
77) Benzidine	19.69	184	320758	32.959	nq	100
78) Pyrene	19.87	202	1007379	46.193	nq	99
80) Butylbenzylphthalate	20.76	149	366893	41.570	nq	99
81) Benzo(a)anthracene	21.72	228	951791	42.975	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	358816	41.689	nq	99
83) Chrysene	21.79	228	919176	43.815	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	479075	39.726	nq	# 97
85) Di-n-octyl phthalate	22.87	149	762403	37.085	nq	98
86) Indeno(1,2,3-cd)pyrene	28.73	276	970665	37.363	nq	# 87
88) Benzo(b)fluoranthene	23.97	252	907607	41.981	nq	98
89) Benzo(k)fluoranthene	24.04	252	897153m	43.930	nq	
90) Benzo(a)pyrene	24.86	252	860129	42.488	nq	# 98
91) Dibenzo(a,h)anthracene	28.80	278	832317	41.802	nq	# 96
92) Benzo(g,h,i)perylene	29.89	276	748439	38.538	nq	# 93

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

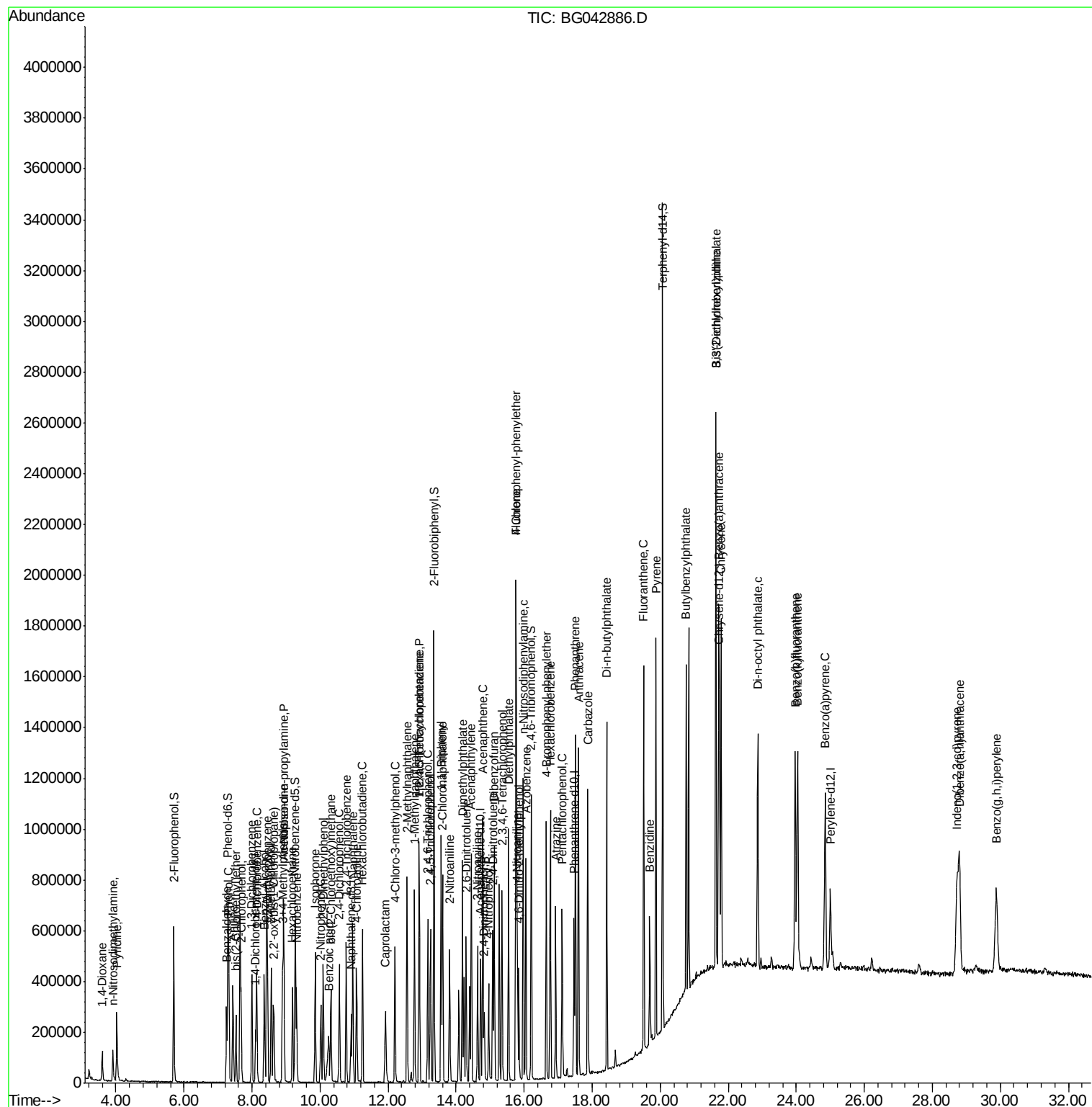
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
Data File : BG042886.D
Acq On : 18 Sep 2019 9:18
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

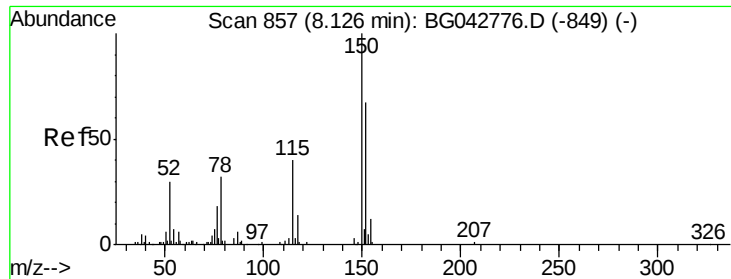
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM

Quant Time: Sep 19 02:18:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration





#1

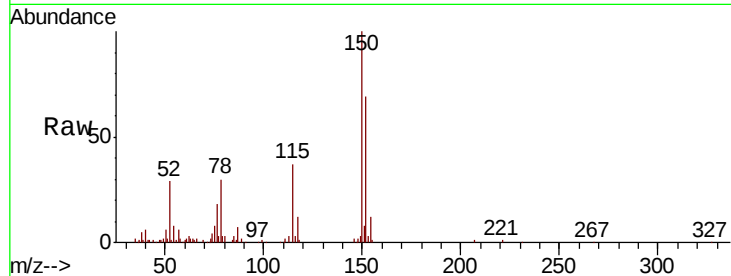
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.1	118.9	178.3
115	53.6	47.4	71.2

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM

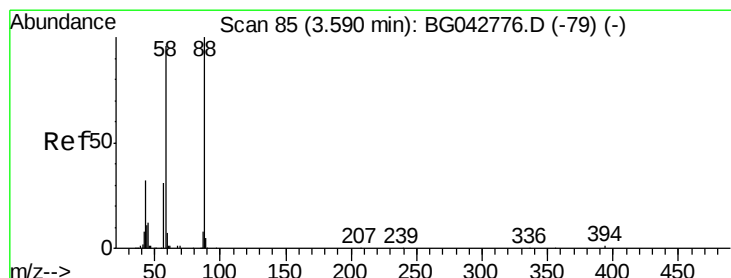
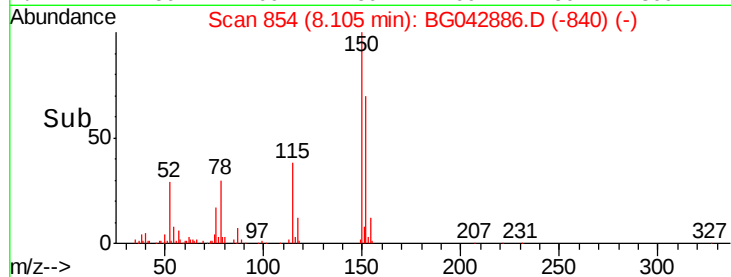
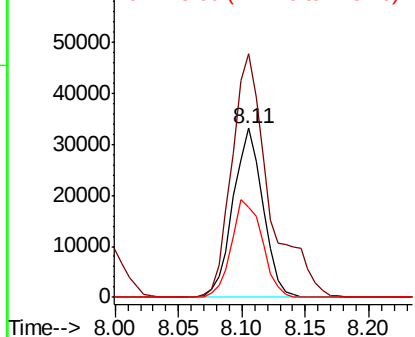


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

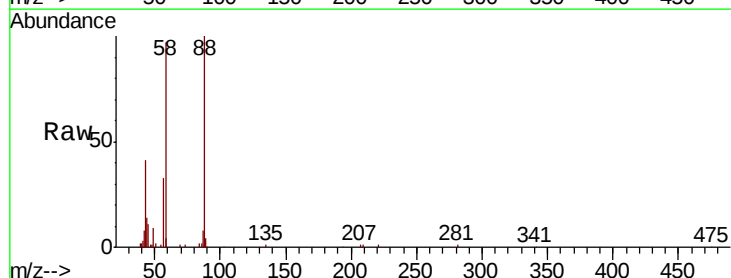
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.892 ng
RT: 3.60 min Scan# 87
Delta R.T. 0.01 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.2	79.1	118.7
43	46.0	30.4	45.6

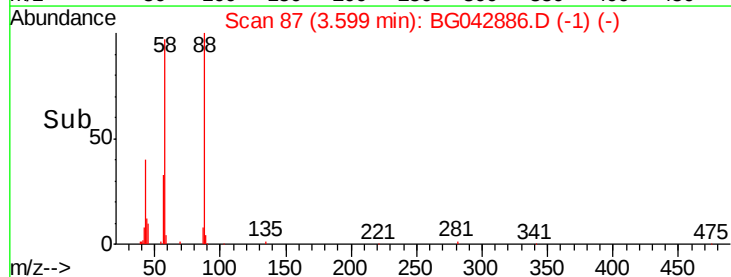
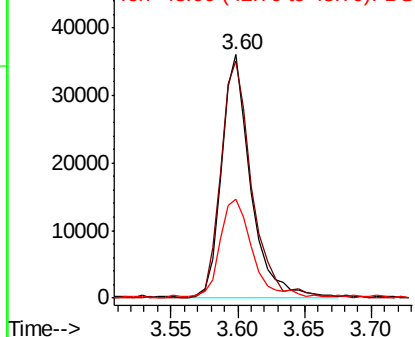


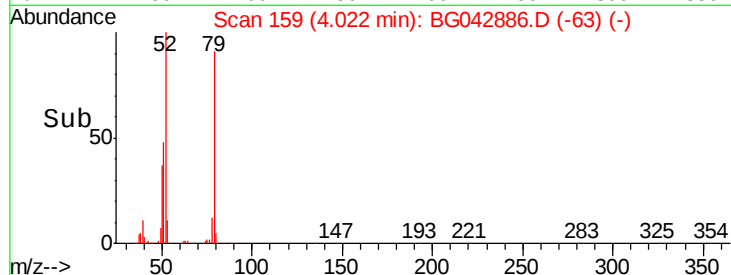
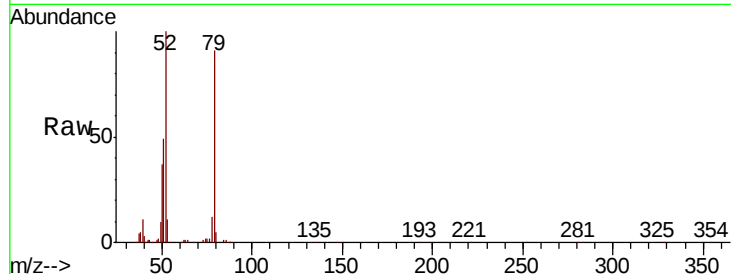
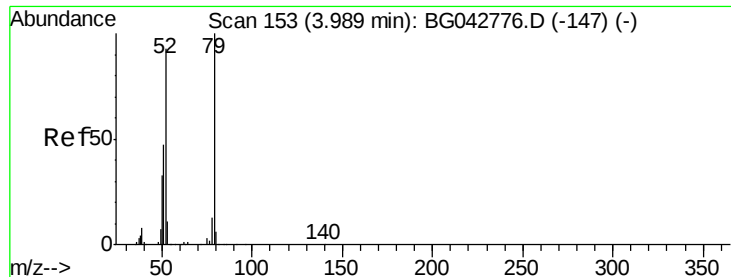
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





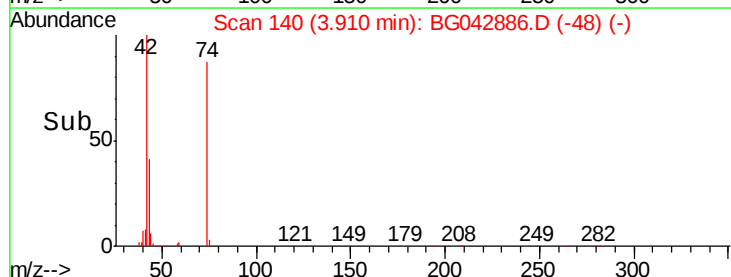
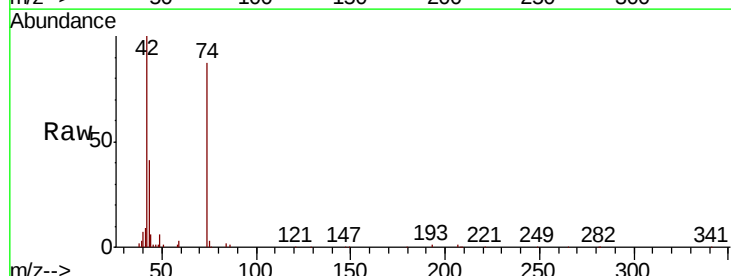
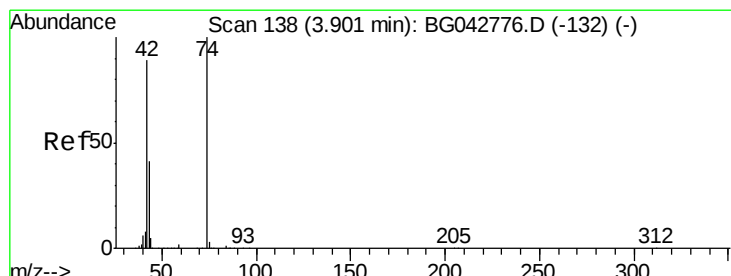
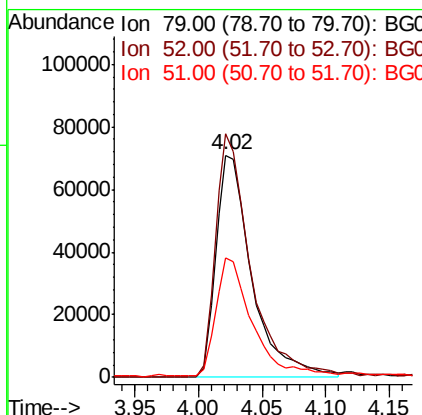
#3
 Pvridine
 Concen: 32.646 ng
 RT: 4.02 min Scan# 159
 Delta R.T. 0.03 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	109.8	74.0	111.0		
51	53.9	37.5	56.3		

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

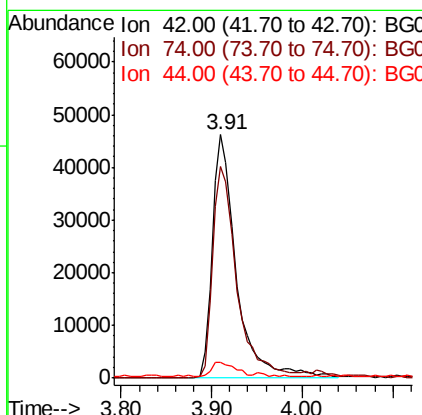
Manual Integrations
 APPROVED

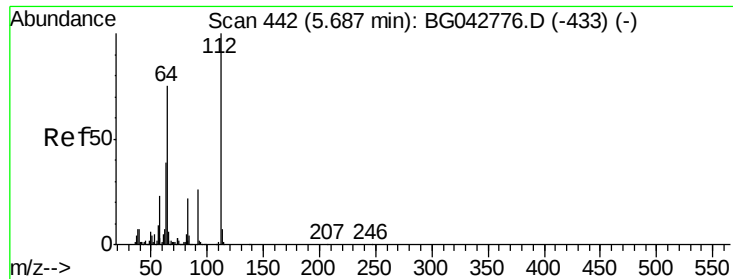
Jagrut
 9/19/2019 10:48:02 AM



#4
 n-Nitrosodimethylamine
 Concen: 40.872 ng
 RT: 3.91 min Scan# 140
 Delta R.T. 0.01 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	86.9	90.2	135.2#		
44	6.4	6.6	9.8#		





#5

2-Fluorophenol

Concen: 79.150 ng

RT: 5.70 min Scan# 445

Delta R.T. 0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

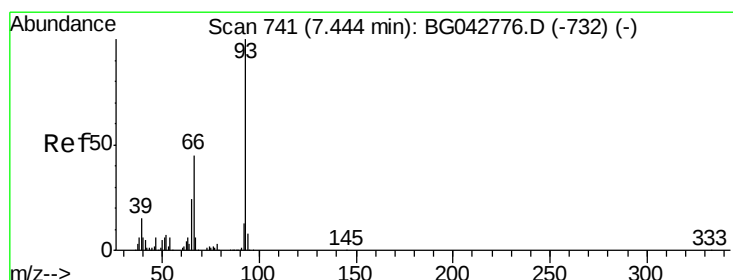
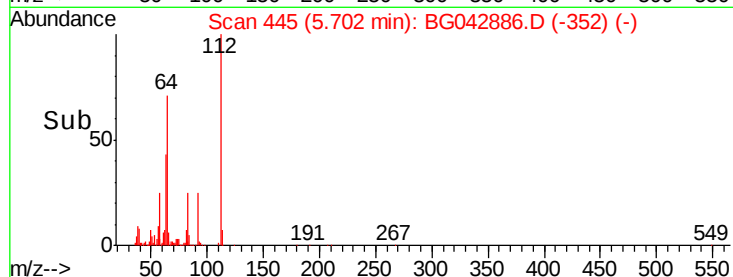
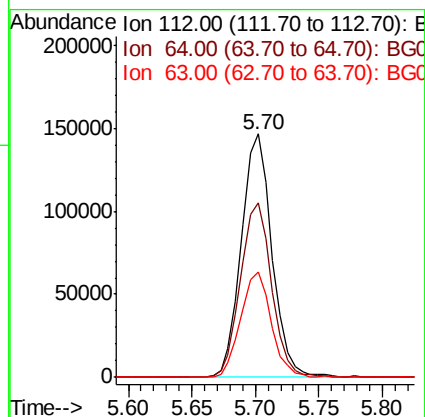
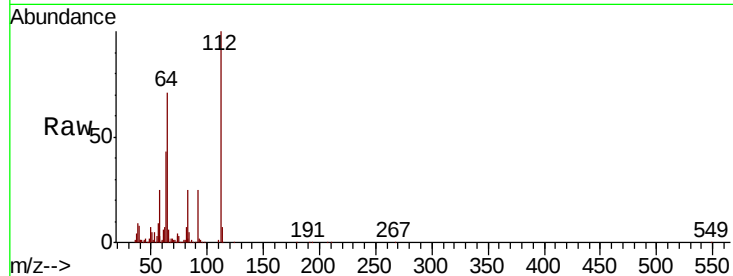
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	246690
Ion Ratio	Lower	Upper	
112	100		
64	71.4	60.2	90.2
63	43.3	31.2	46.8

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



#6

Aniline

Concen: 38.435 ng

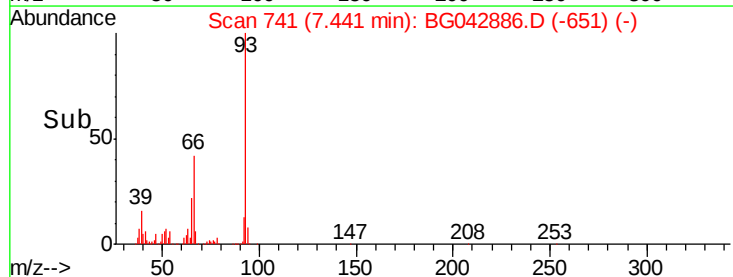
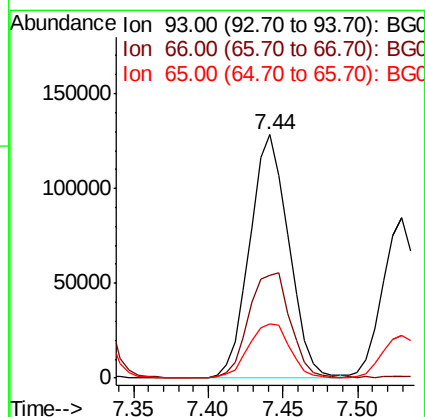
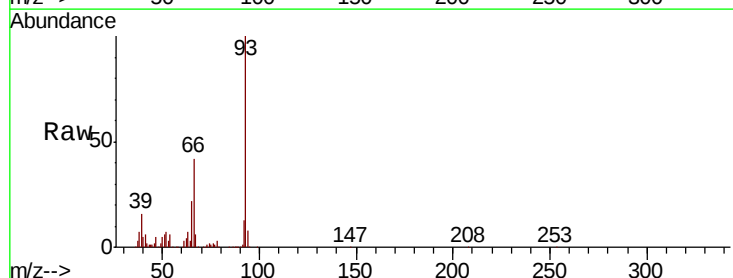
RT: 7.44 min Scan# 741

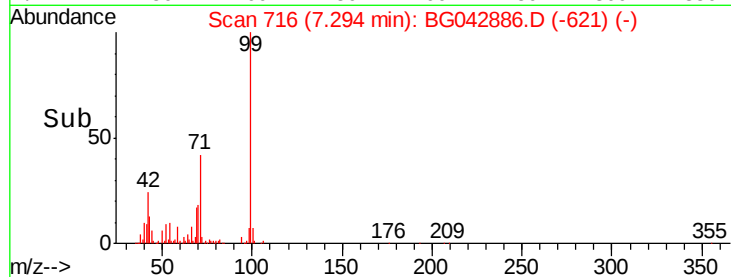
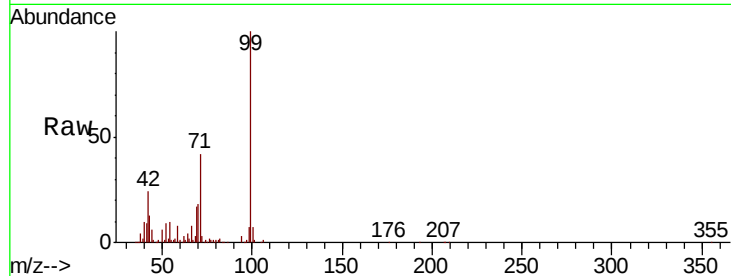
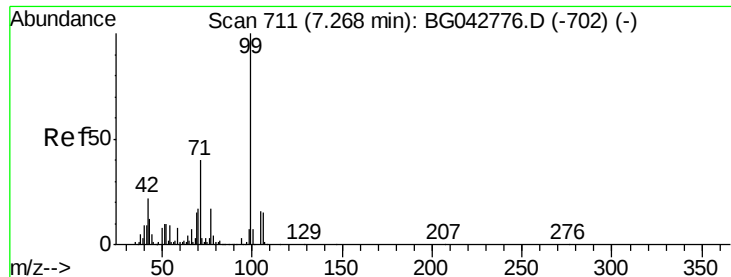
Delta R.T. -0.00 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tgt Ion:	93	Resp:	231981
Ion Ratio	Lower	Upper	
93	100		
66	42.2	36.3	54.5
65	22.0	19.3	28.9





#7

Phenol-d6

Concen: 82.594 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.03 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tot Ion:	99	Resp:	369490
Ion Ratio	Lower	Upper	
99	100		
42	23.8	17.5	26.3
71	42.1	32.0	48.0

Instrument :

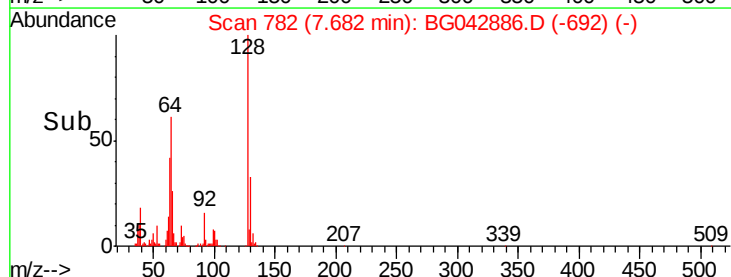
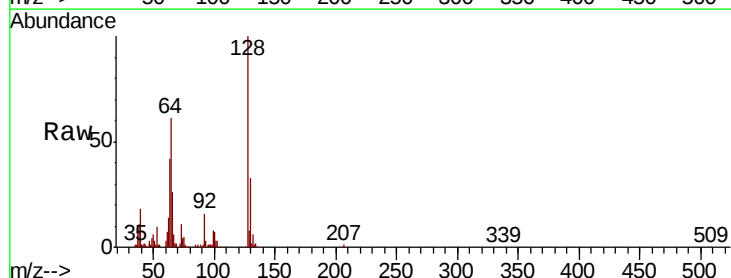
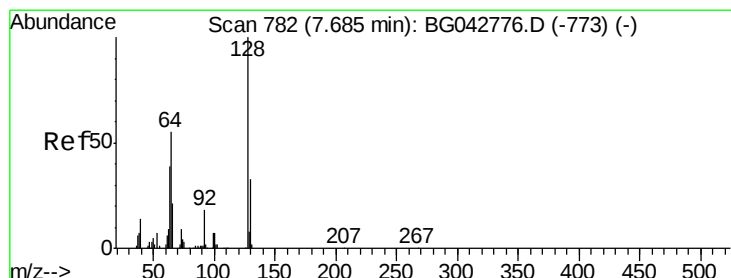
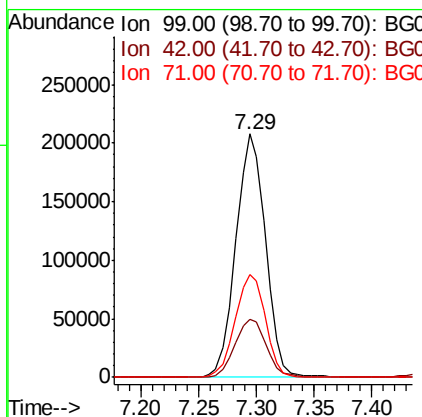
BNA_G

ClientSampled :

SSTDCCC040

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



#8

2-Chlorophenol

Concen: 41.157 ng

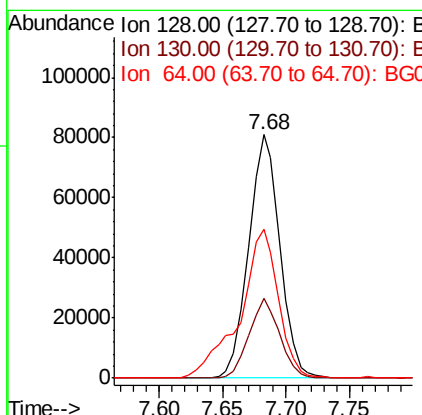
RT: 7.68 min Scan# 782

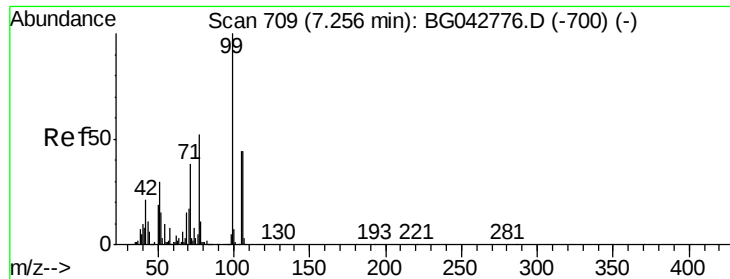
Delta R.T. -0.00 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tgt Ion:	128	Resp:	138659
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.8	52.8
64	61.2	36.8	76.8





#9

Benzaldehyde

Concen: 35.750 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

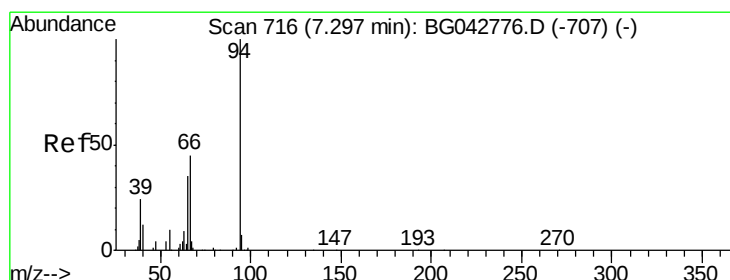
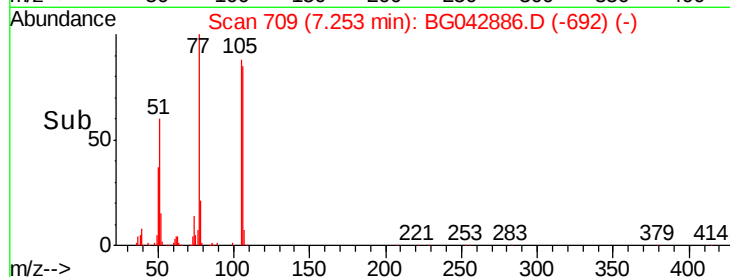
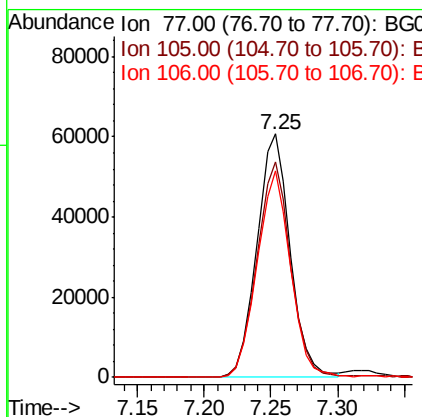
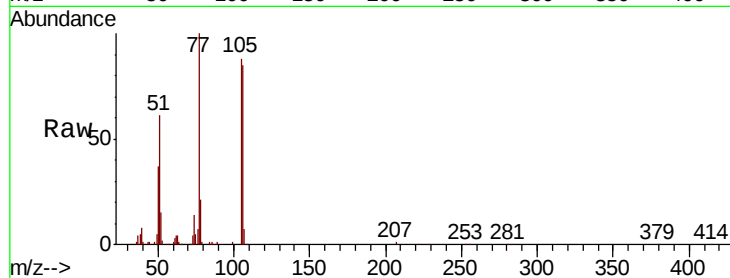
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	104075
Ion Ratio	Lower	Upper	
77	100		
105	88.4	64.5	104.5
106	85.1	63.4	103.4

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



#10

Phenol

Concen: 40.486 ng

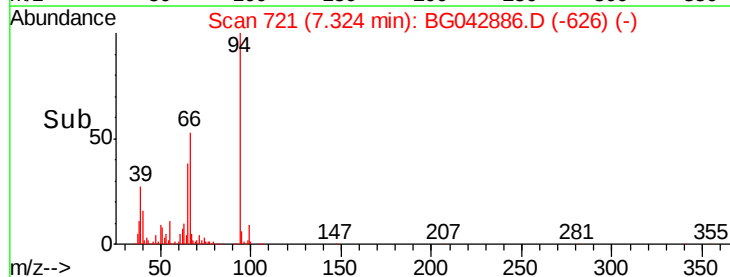
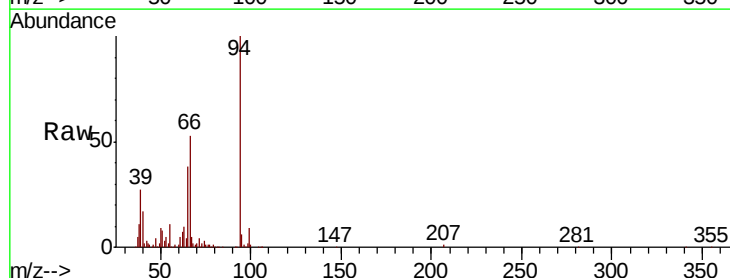
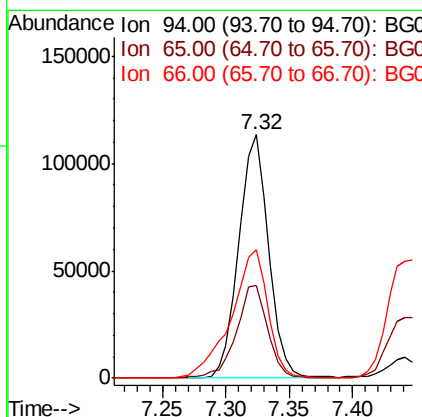
RT: 7.32 min Scan# 721

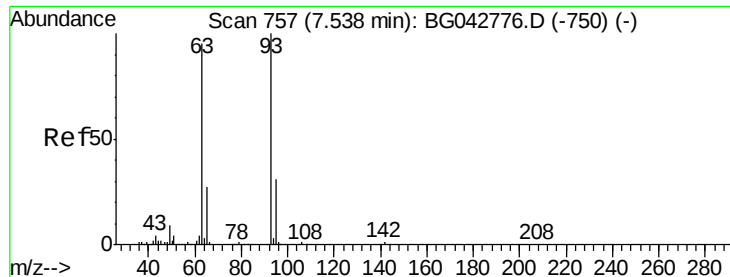
Delta R.T. 0.03 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tgt Ion:	94	Resp:	185741
Ion Ratio	Lower	Upper	
94	100		
65	37.9	15.0	55.0
66	52.8	26.1	66.1





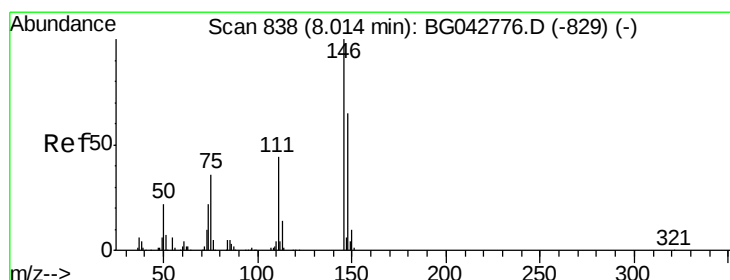
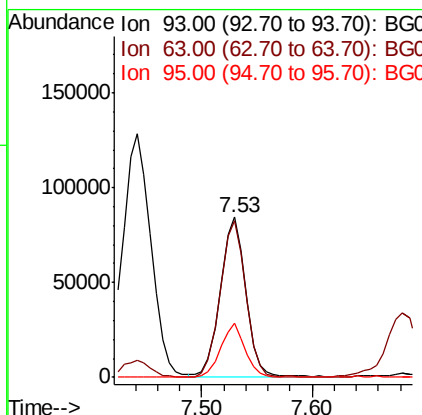
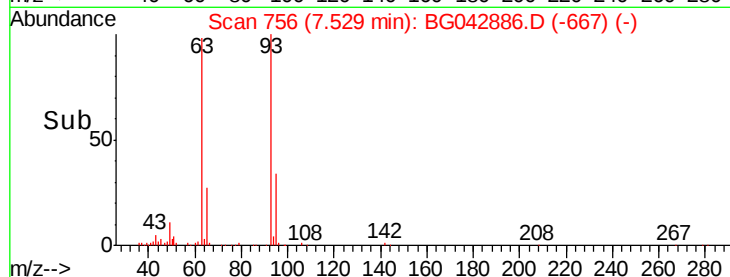
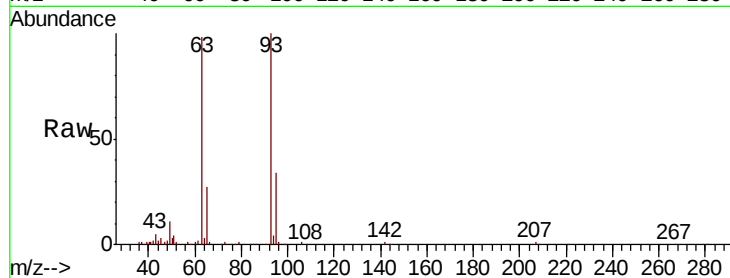
#11
bis(2-Chloroethyl)ether
Concen: 38.822 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	136691
Ion	Ratio	Lower	Upper
93	100		
63	97.7	74.7	114.7
95	34.3	11.1	51.1

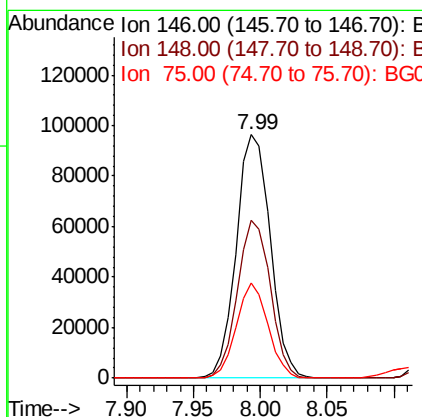
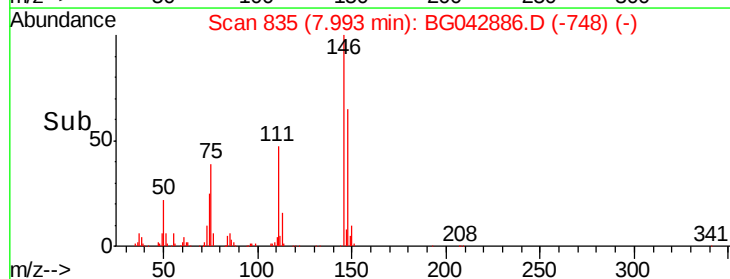
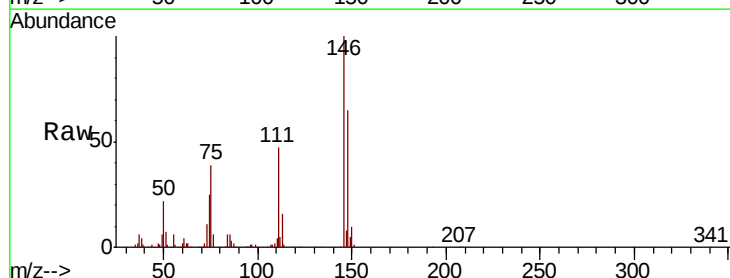
Manual Integrations
APPROVED

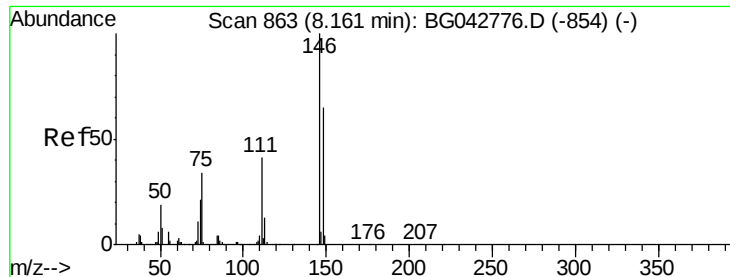
Jagrut
9/19/2019 10:48:02 AM



#12
1,3-Dichlorobenzene
Concen: 41.343 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion:	146	Resp:	169885
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	38.9	28.4	42.6





#13

1,4-Dichlorobenzene

Concen: 42.081 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

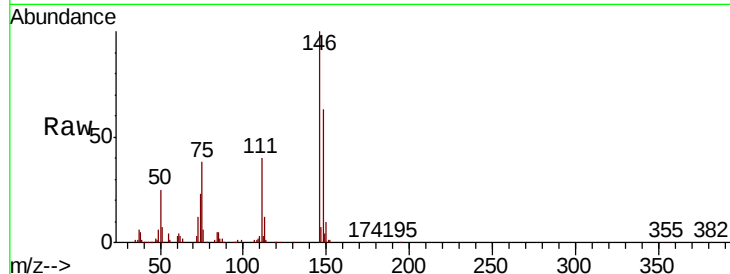
ClientSampled :

SSTDCCC040

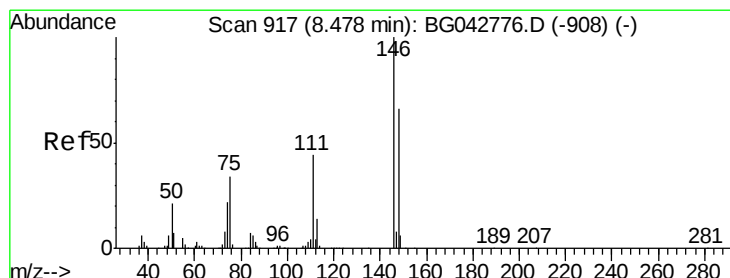
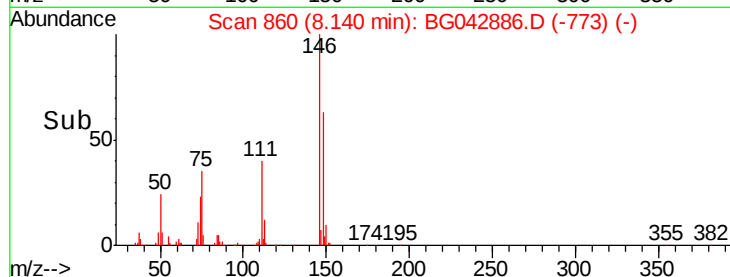
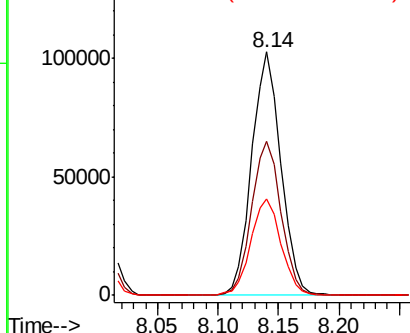
Tot Ion:	146	Resp:	173122
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.2	78.4
111	39.6	32.6	49.0

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.783 ng

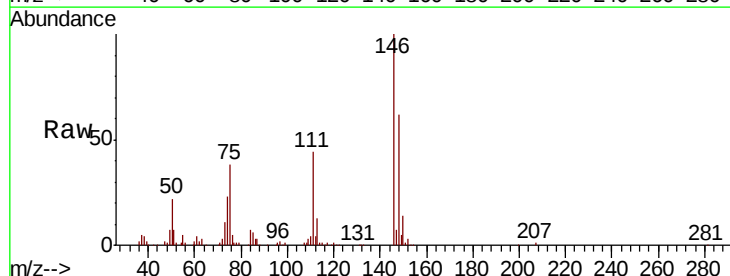
RT: 8.46 min Scan# 915

Delta R.T. -0.01 min

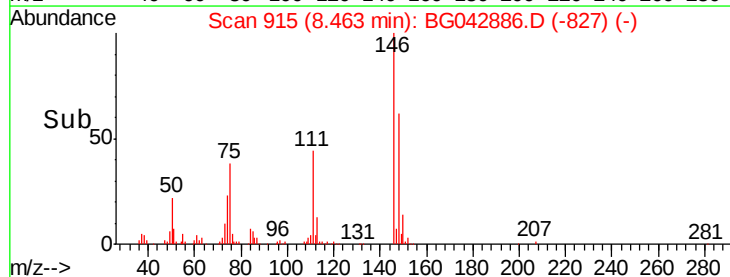
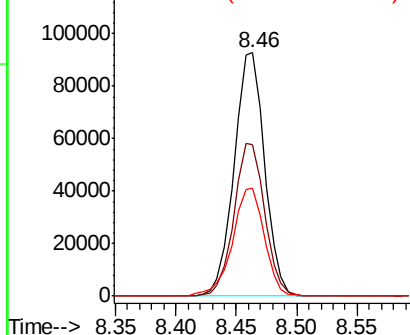
Lab File: BG042886.D

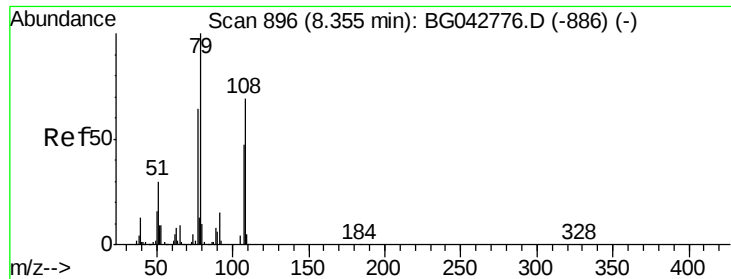
Acq: 18 Sep 2019 9:18

Tgt Ion:	146	Resp:	163626
Ion Ratio	Lower	Upper	
146	100		
148	62.0	52.6	78.8
111	44.4	35.3	52.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





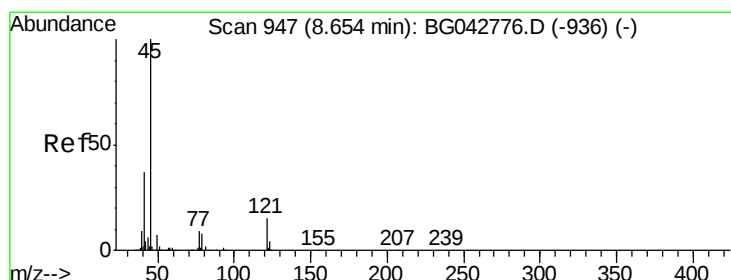
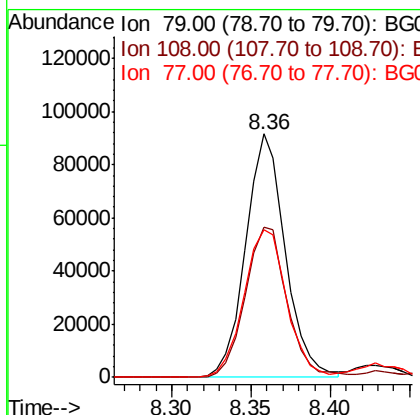
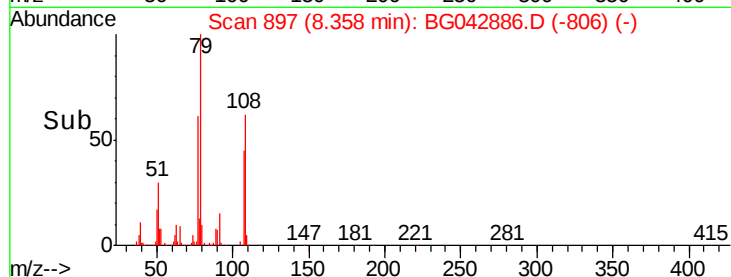
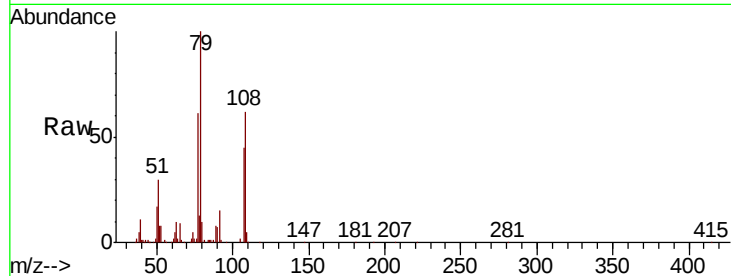
#15
Benzyl Alcohol
Concen: 41.419 ng
RT: 8.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	61.5	54.9	82.3
77	60.6	51.0	76.6

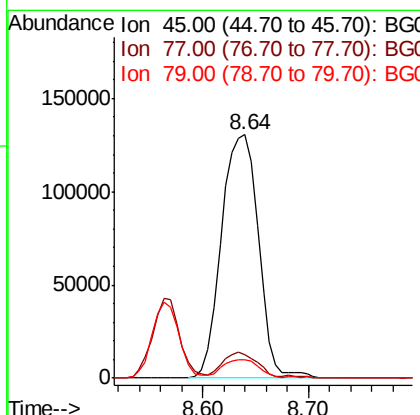
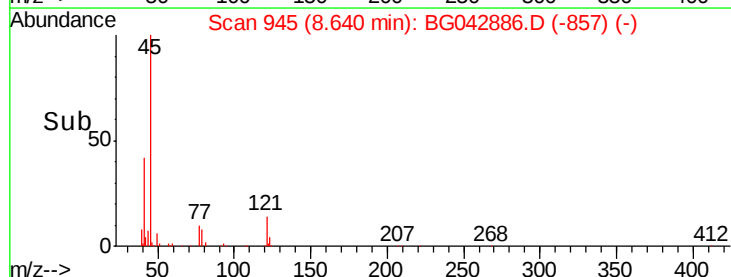
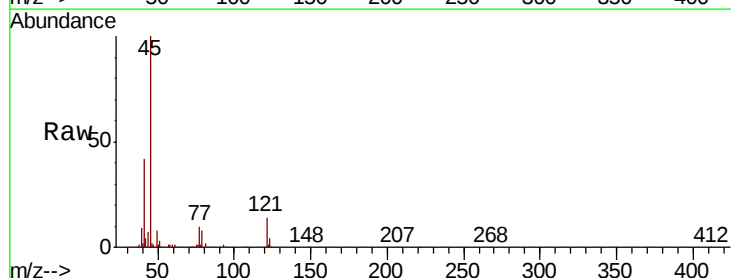
Manual Integrations
APPROVED

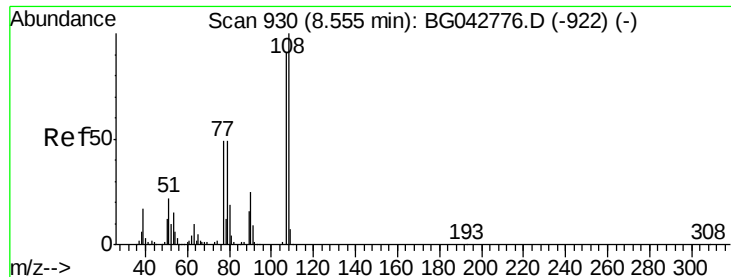
Jagrut
9/19/2019 10:48:02 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.076 ng
RT: 8.64 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	29.4
79	7.6	0.0	28.4





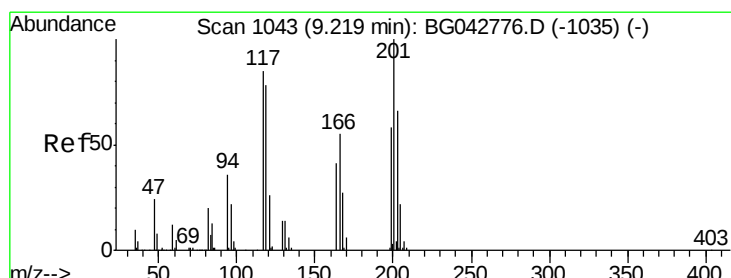
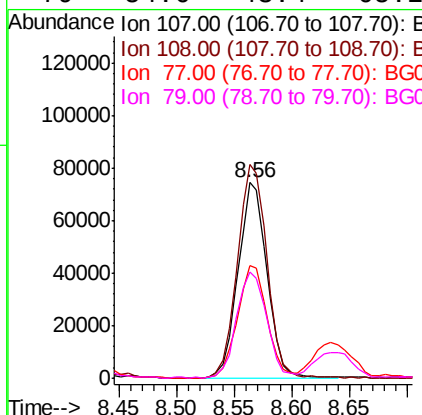
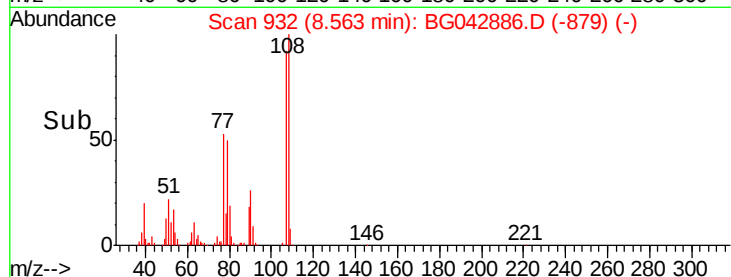
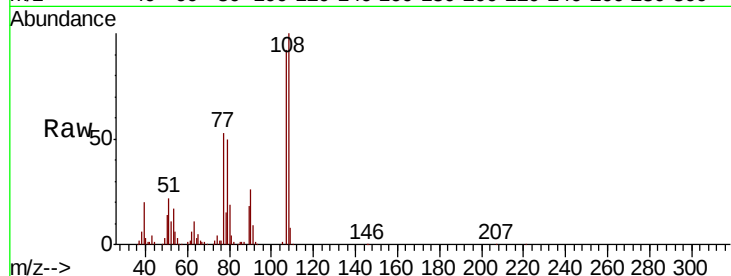
#17
2-Methylphenol
Concen: 42.217 ng
RT: 8.56 min Scan# 932
Delta R.T. 0.01 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	87.7	131.5	
77	57.6	42.6	64.0	
79	54.6	43.4	65.2	

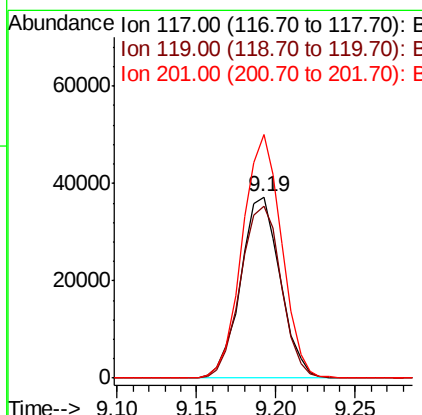
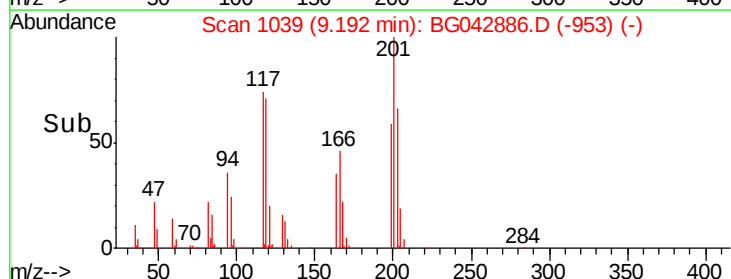
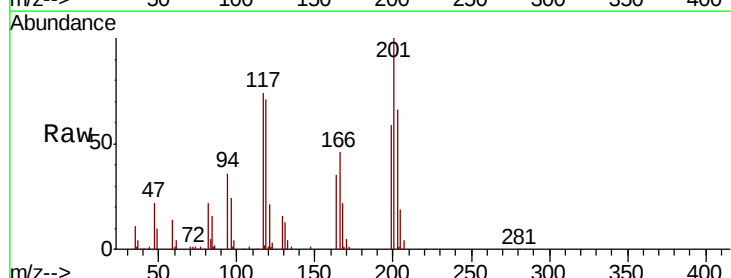
Manual Integrations
APPROVED

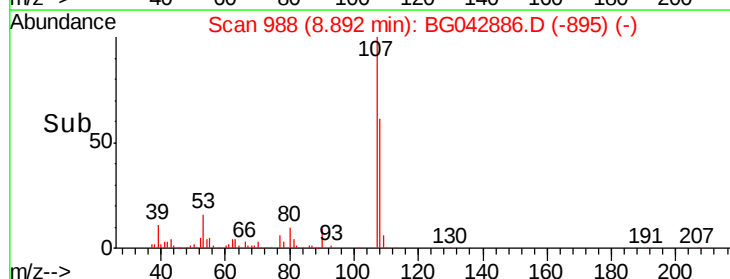
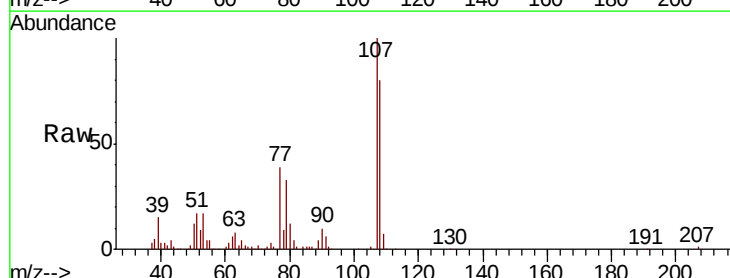
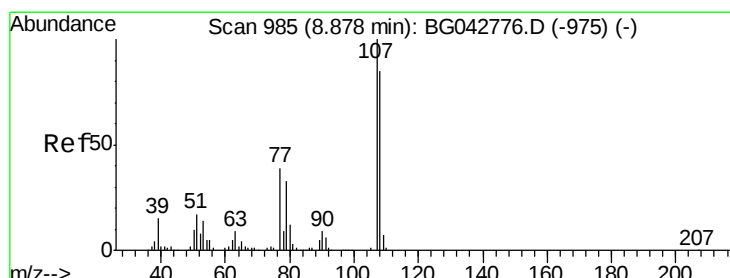
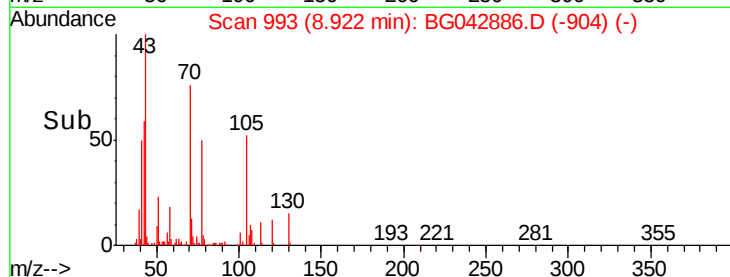
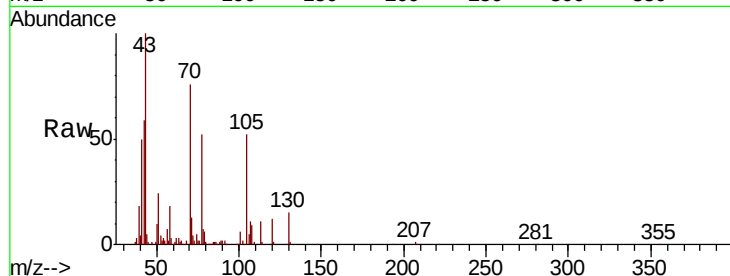
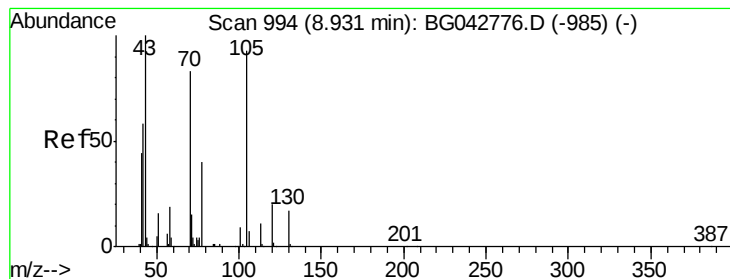
Jagrut
9/19/2019 10:48:02 AM



#18
Hexachloroethane
Concen: 42.566 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	73.8	110.8	
201	134.5	94.6	142.0	





#19

n-Nitroso-di-n-propylamine

Concen: 39.602 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	77.7	57.0	85.6	
101	7.7	8.4	12.6	
130	19.9	16.1	24.1	

Instrument :

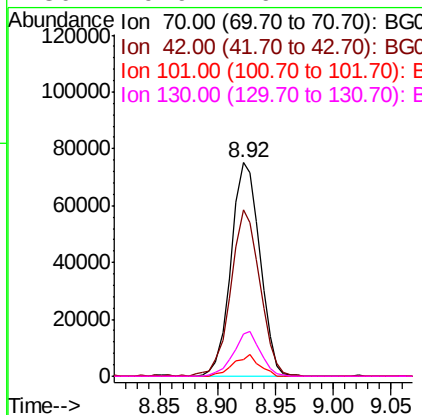
BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



#20

3+4-Methylphenols

Concen: 42.834 ng

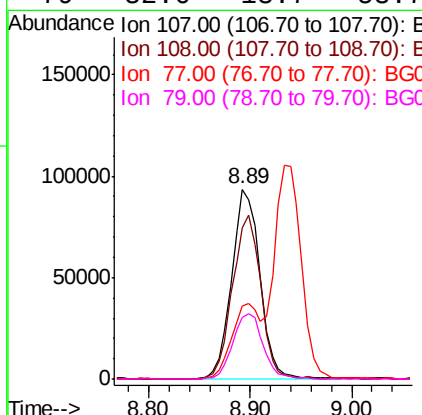
RT: 8.89 min Scan# 988

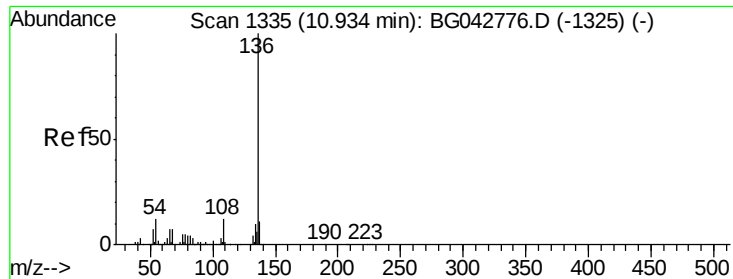
Delta R.T. 0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	79.7	65.4	105.4	
77	38.6	18.7	58.7	
79	32.6	13.7	53.7	





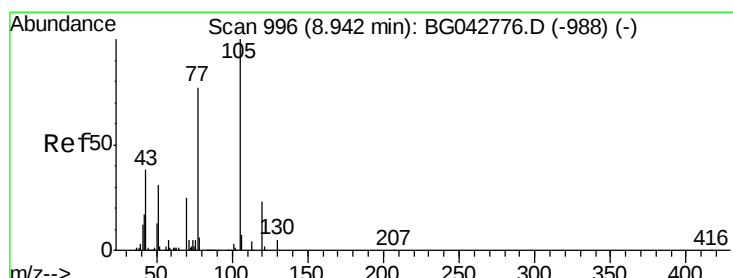
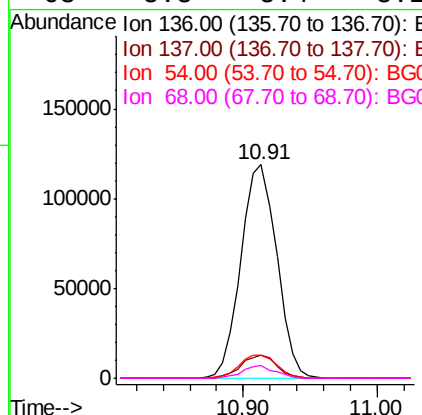
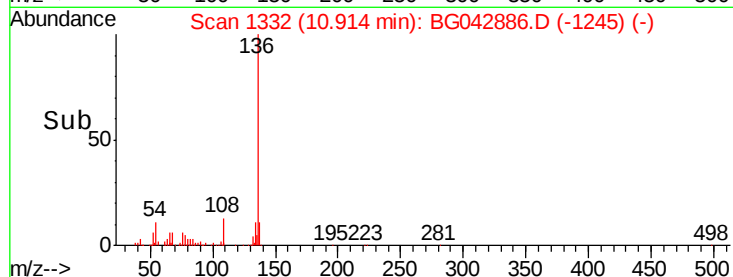
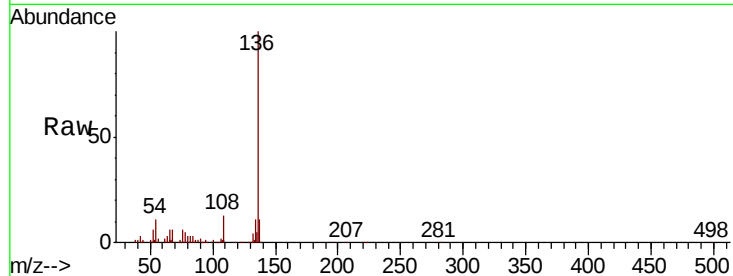
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	221253		
137	10.6		9.0	13.6
54	11.1		9.4	14.0
68	5.8		5.4	8.2

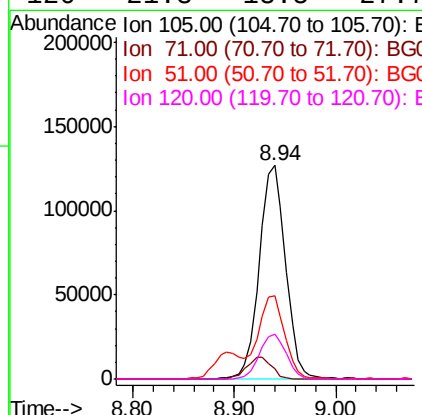
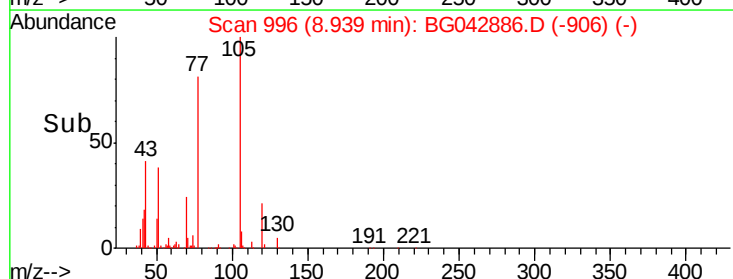
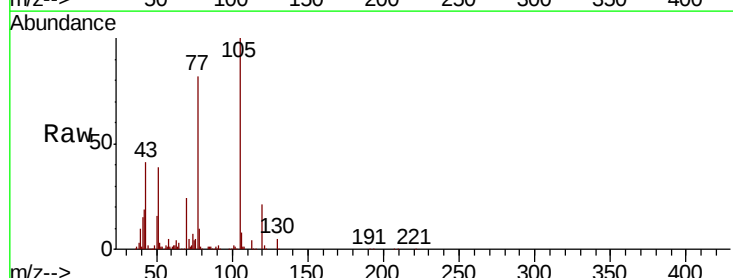
Manual Integrations
APPROVED

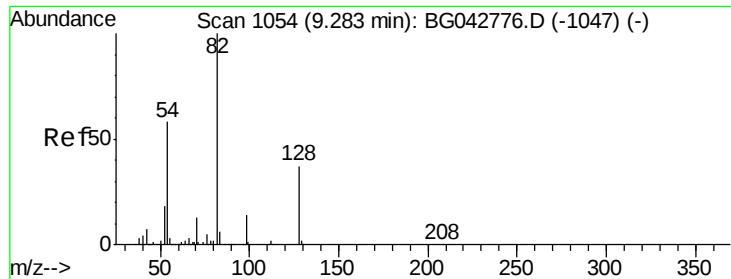
Jagrut
9/19/2019 10:48:02 AM



#22
Acetophenone
Concen: 40.837 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228191		
71	4.8		3.7	5.5
51	39.1		28.8	43.2
120	21.3		18.5	27.7





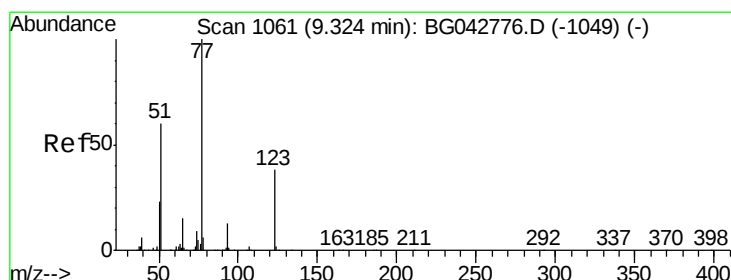
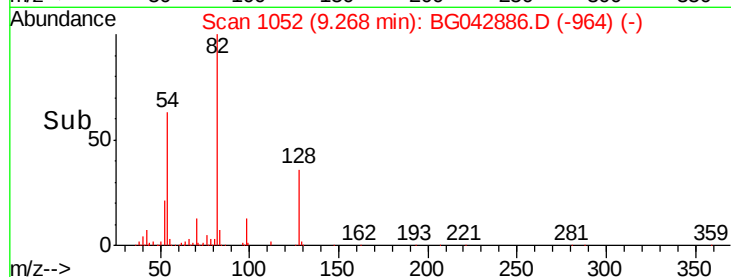
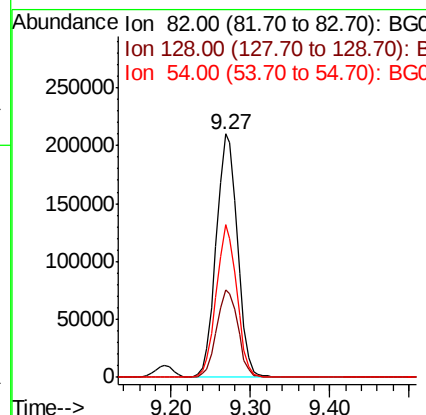
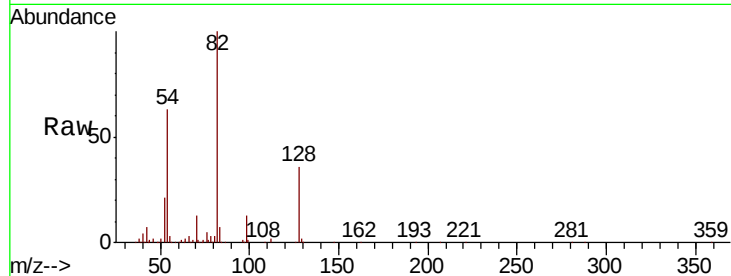
#23
 Nitrobenzene-d5
 Concen: 92.062 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.8	44.8
54	62.9	46.1	69.1

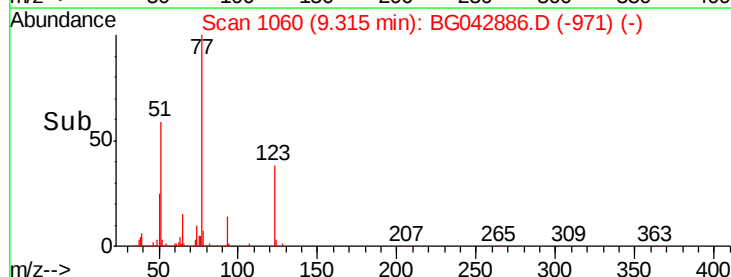
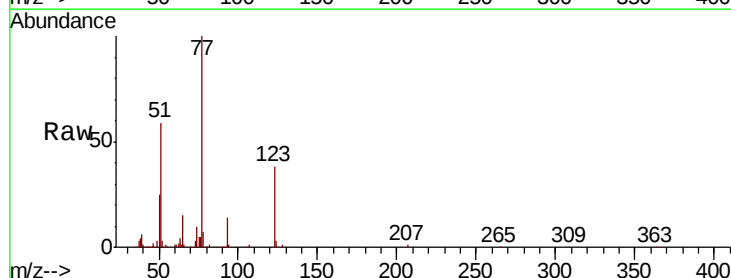
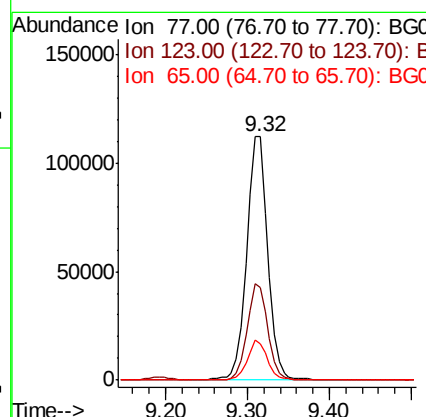
Manual Integrations
 APPROVED

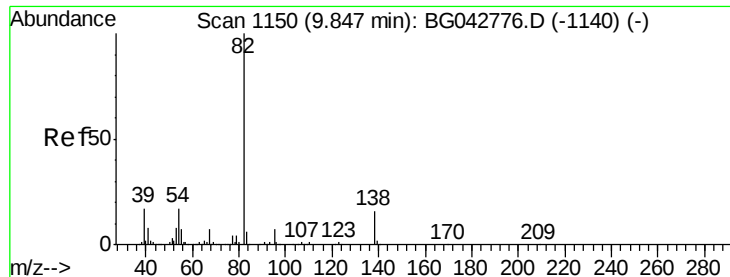
Jagrut
 9/19/2019 10:48:02 AM



#24
 Nitrobenzene
 Concen: 45.030 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.9	30.7	46.1
65	15.1	12.2	18.4





#25

Isophorone

Concen: 40.408 ng

RT: 9.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

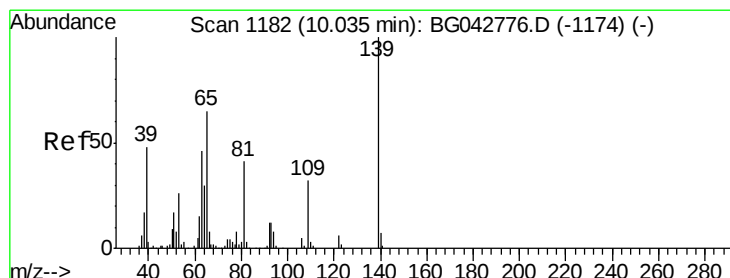
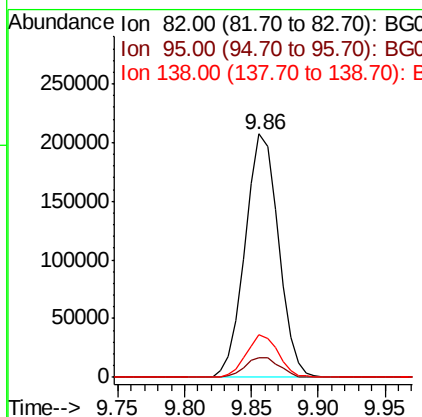
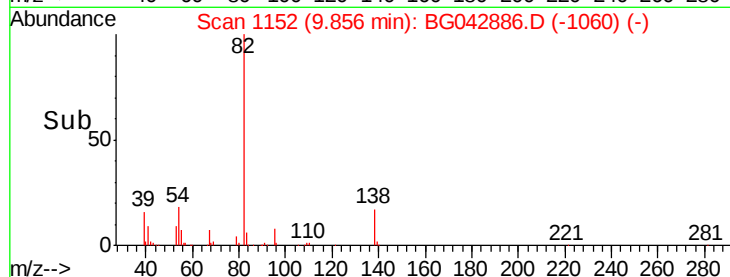
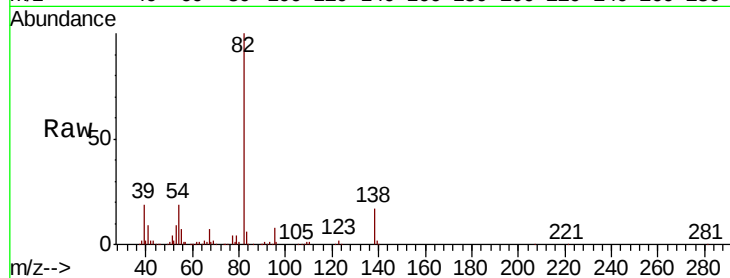
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	357942
Ion Ratio	Lower	Upper	
82	100		
95	8.0	5.8	8.8
138	17.3	12.9	19.3

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



#26

2-Nitrophenol

Concen: 49.529 ng

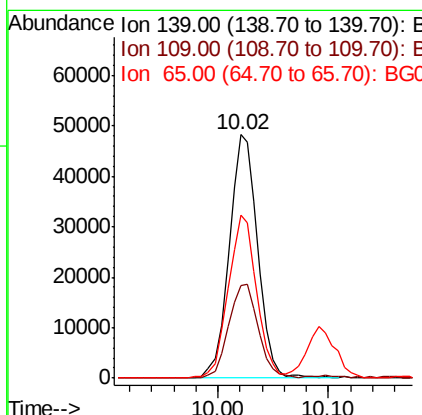
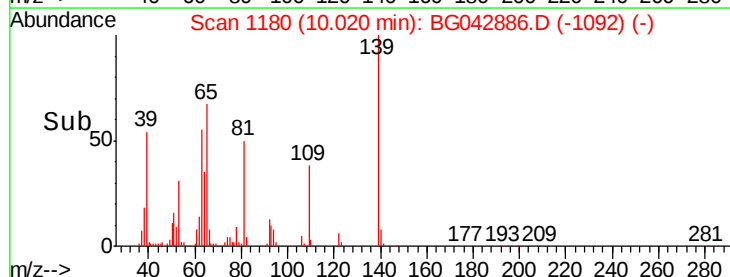
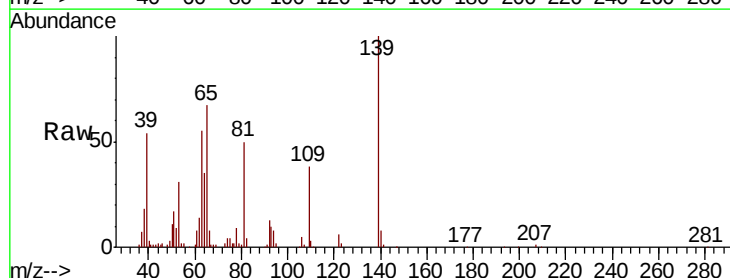
RT: 10.02 min Scan# 1180

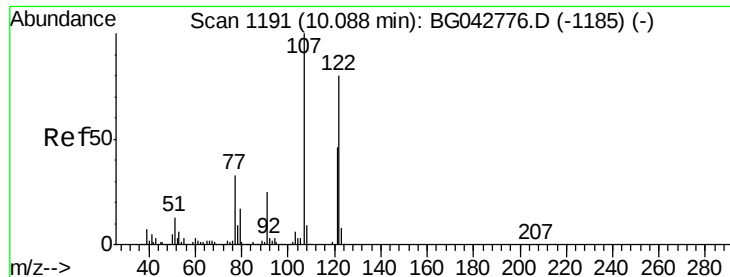
Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tgt Ion:	139	Resp:	86878
Ion Ratio	Lower	Upper	
139	100		
109	38.2	25.8	38.8
65	67.1	52.2	78.2





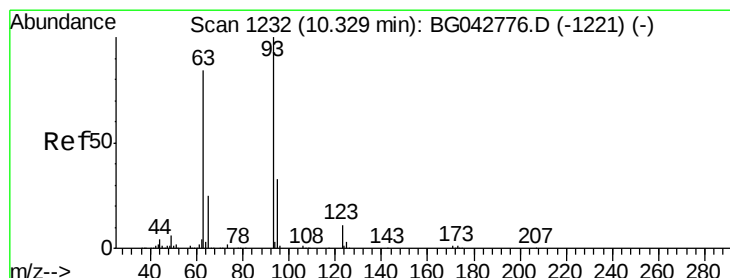
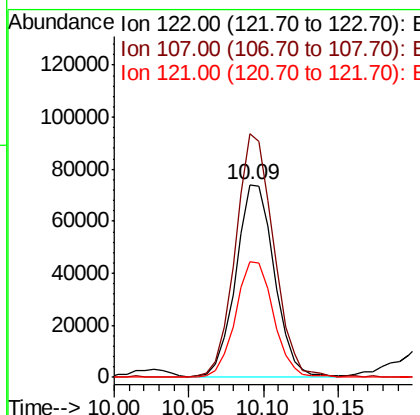
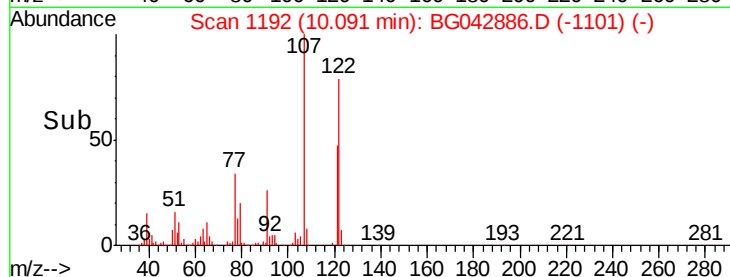
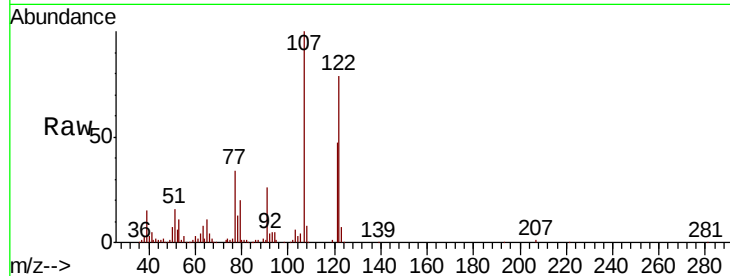
#27
 2,4-Dimethylphenol
 Concen: 42.417 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.4	98.9	148.3
121	59.8	46.2	69.2

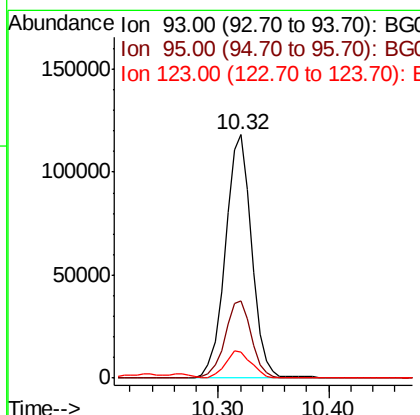
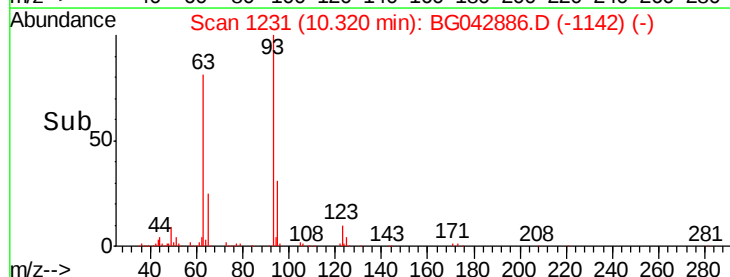
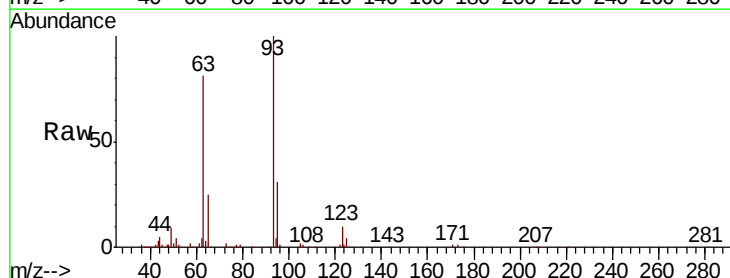
Manual Integrations
 APPROVED

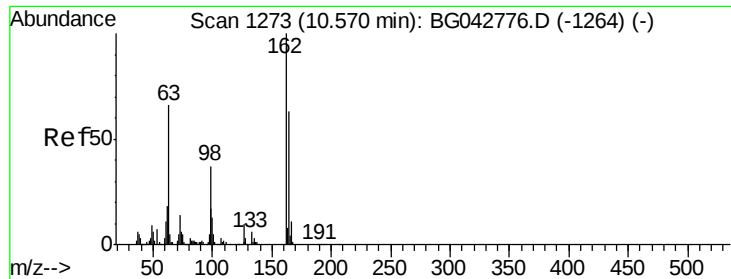
Jagrut
 9/19/2019 10:48:02 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.788 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.6	40.0
123	10.4	9.0	13.6





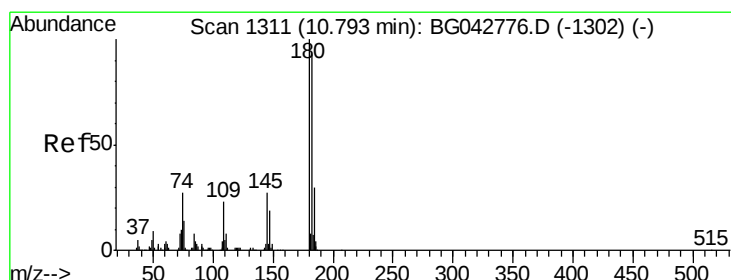
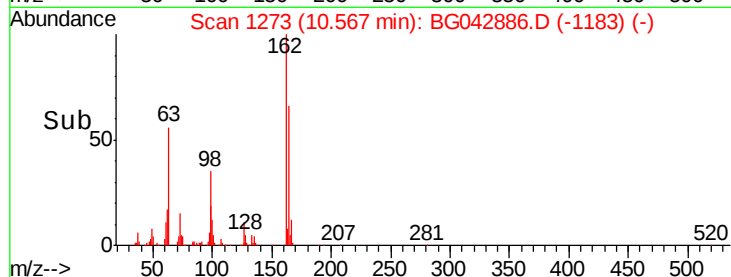
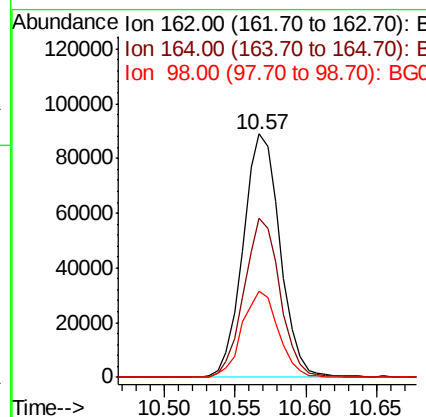
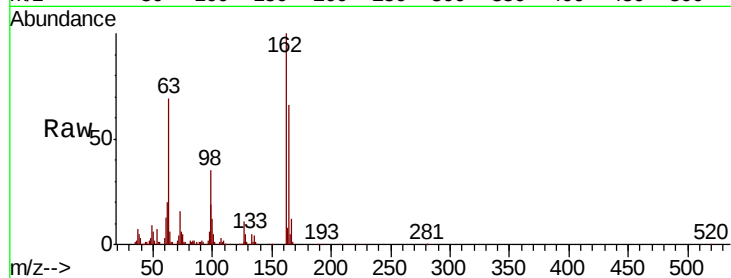
#29
 2,4-Dichlorophenol
 Concen: 45.258 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	163186
Ion Ratio	Lower	Upper	
162	100		
164	65.6	43.4	83.4
98	35.4	17.0	57.0

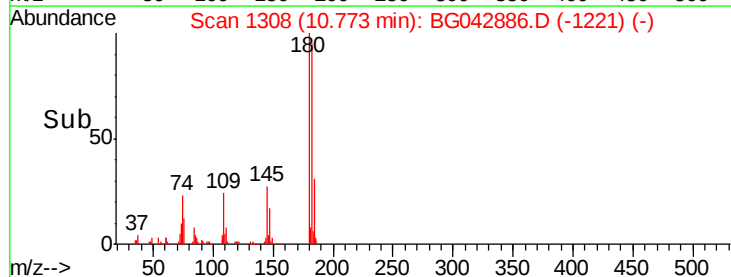
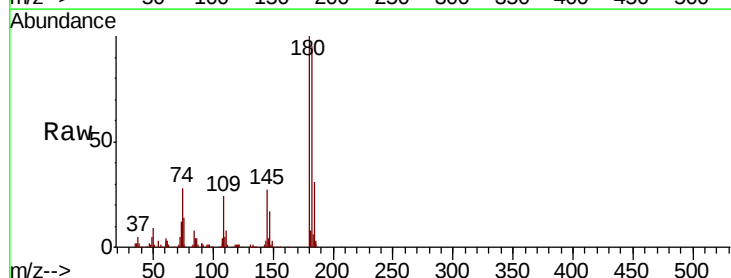
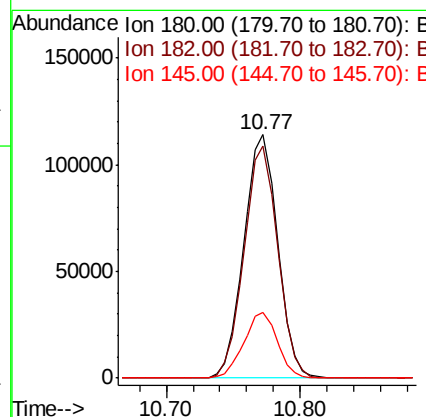
Manual Integrations
 APPROVED

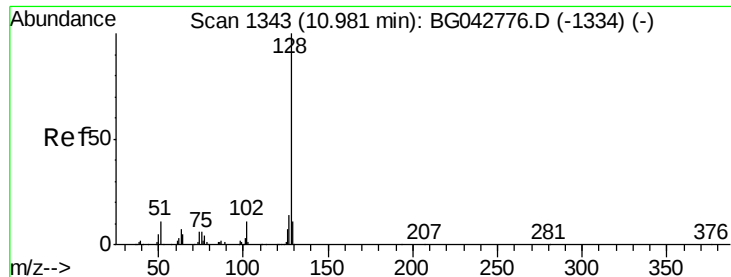
Jagrut
 9/19/2019 10:48:02 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.367 ng
 RT: 10.77 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion:	180	Resp:	199714
Ion Ratio	Lower	Upper	
180	100		
182	95.3	74.6	112.0
145	26.8	21.8	32.6





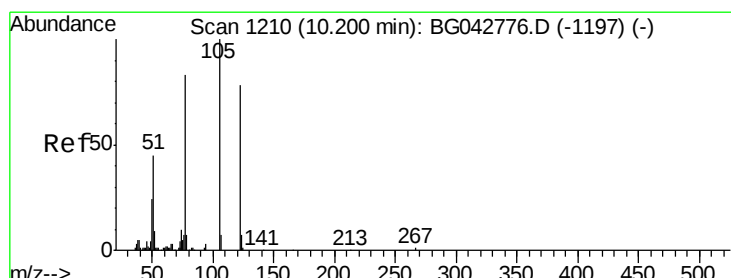
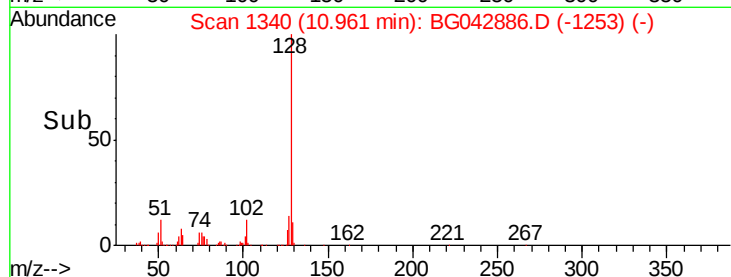
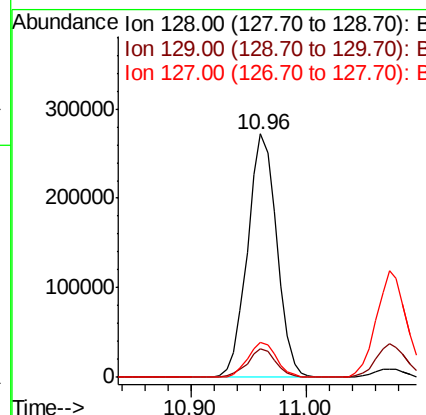
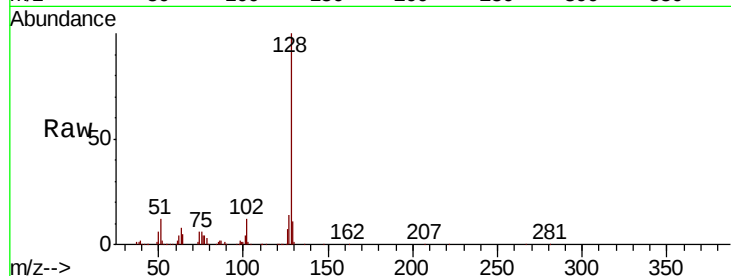
#31
Naphthalene
Concen: 43.902 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100	479591		
129	11.5	9.0	13.6	
127	14.1	11.4	17.2	

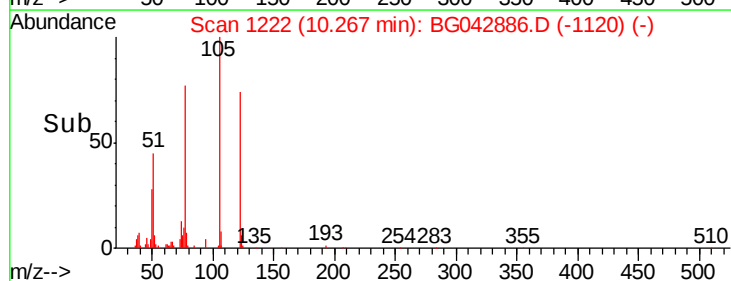
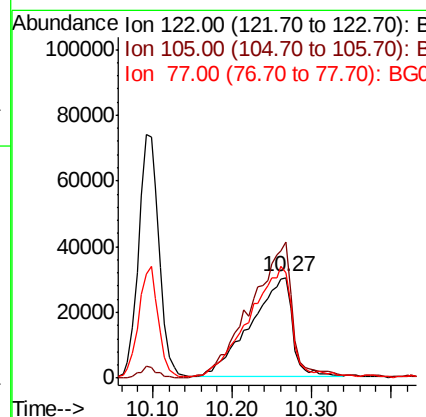
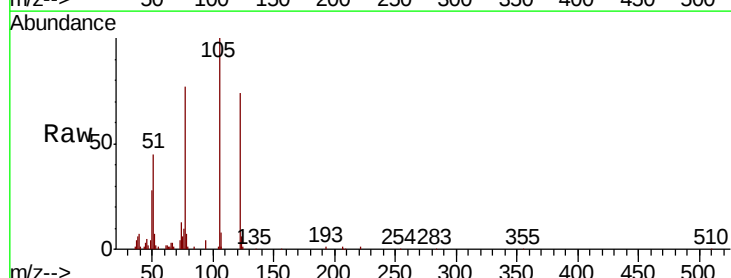
Manual Integrations
APPROVED

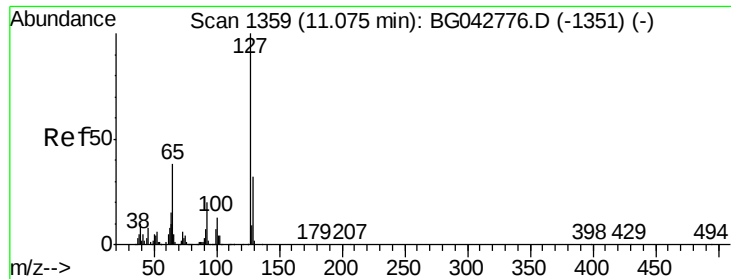
Jagrut
9/19/2019 10:48:02 AM



#32
Benzoic acid
Concen: 44.838 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.07 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	111401		
105	134.9	104.0	144.0	
77	104.4	84.2	124.2	





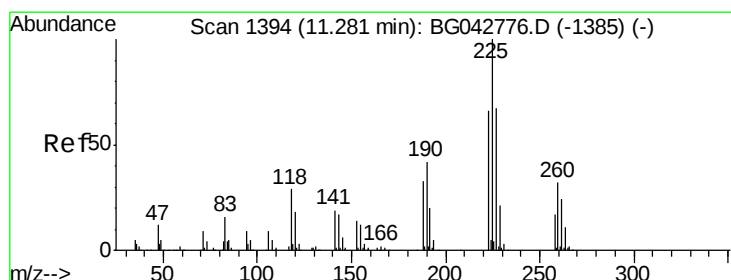
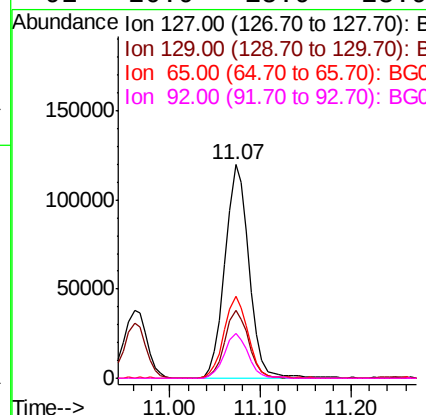
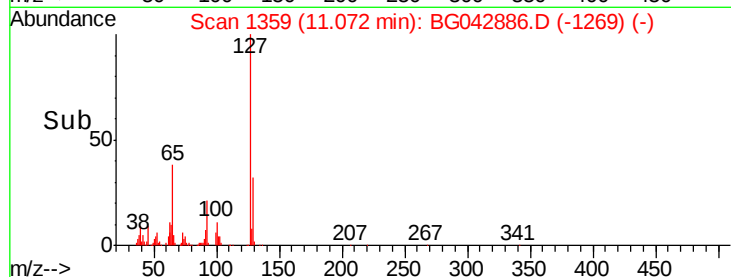
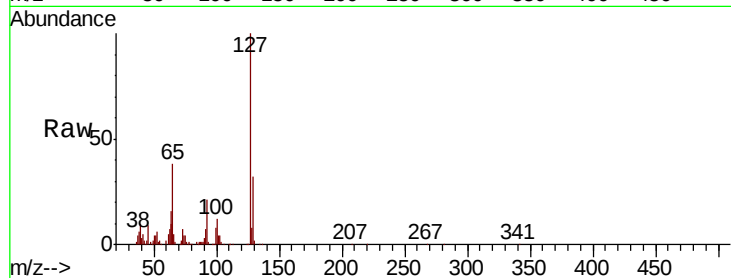
#33
4-Chloroaniline
Concen: 43.136 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	25.8	38.6	
65	38.4	30.5	45.7	
92	20.9	15.9	23.9	

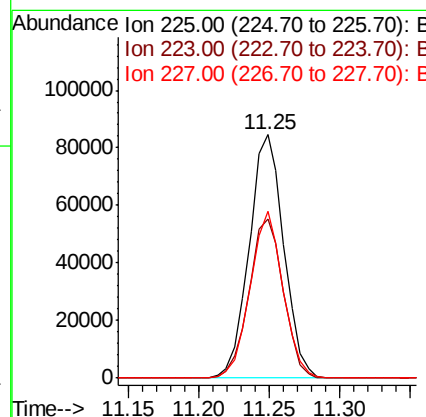
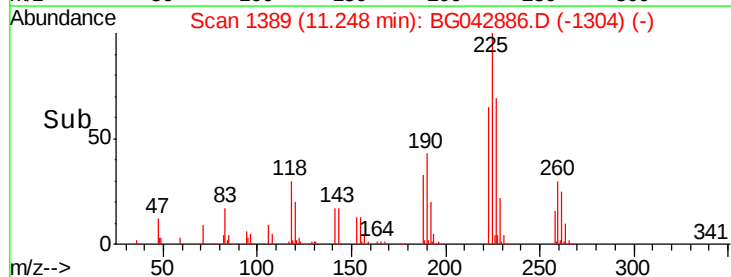
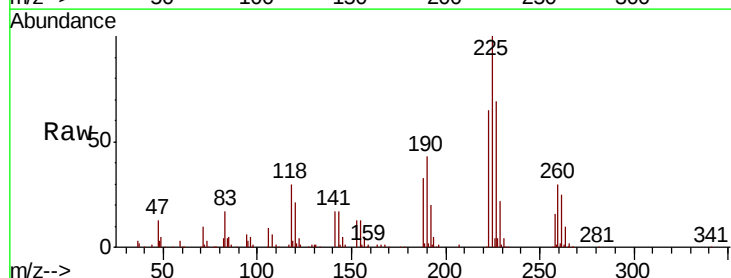
Manual Integrations
APPROVED

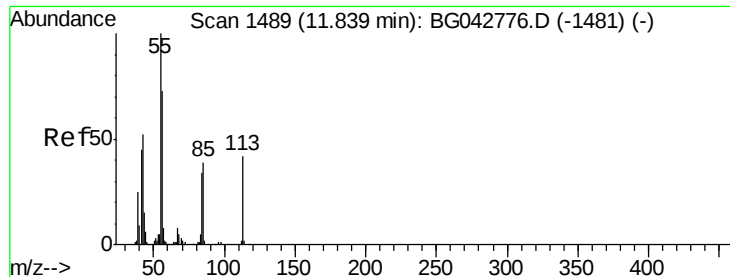
Jagrut
9/19/2019 10:48:02 AM



#34
Hexachlorobutadiene
Concen: 47.118 ng
RT: 11.25 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.2	52.6	79.0	
227	68.5	53.6	80.4	





#35

Caprolactam

Concen: 41.112 ng

RT: 11.92 min Scan# 1504

Delta R.T. 0.09 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

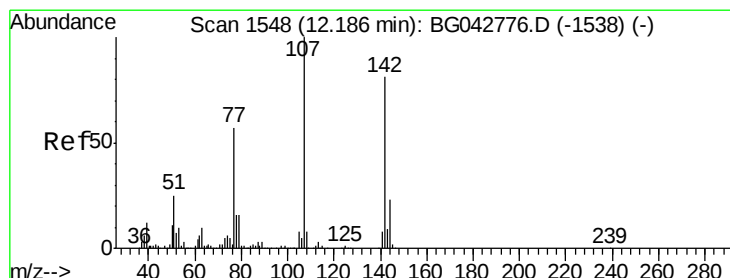
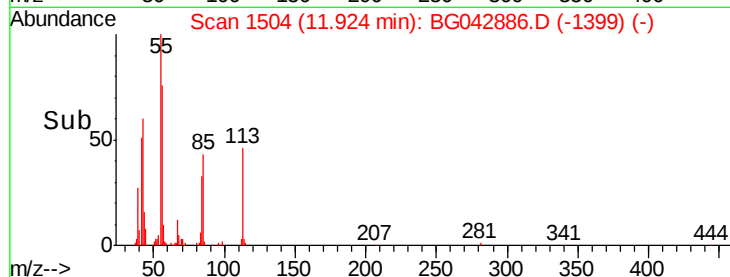
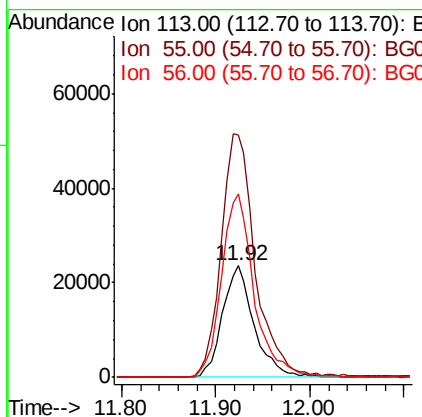
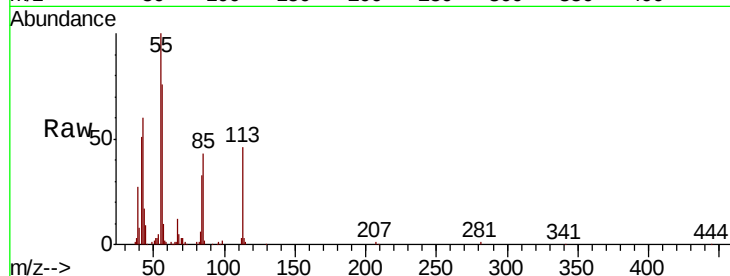
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	217.2	218.4	258.4#
56	165.0	154.8	194.8

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



#36

4-Chloro-3-methylphenol

Concen: 44.618 ng

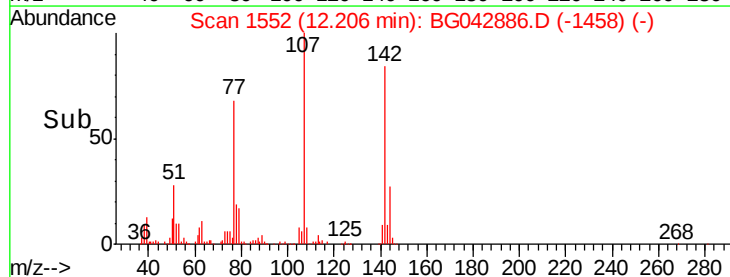
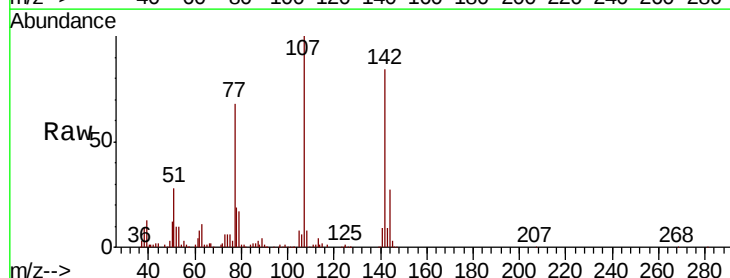
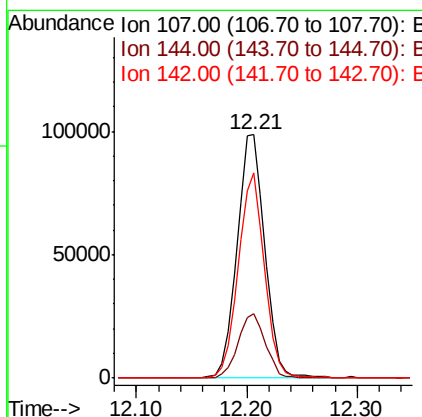
RT: 12.21 min Scan# 1552

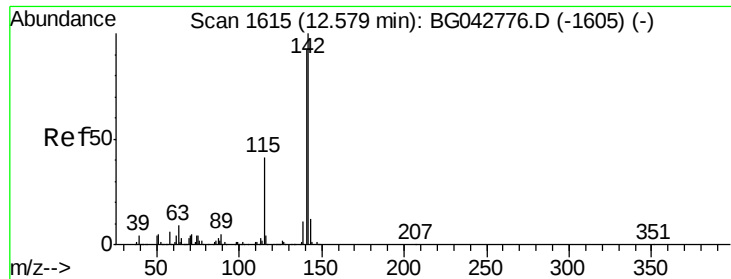
Delta R.T. 0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	18.7	28.1
142	84.2	65.0	97.4





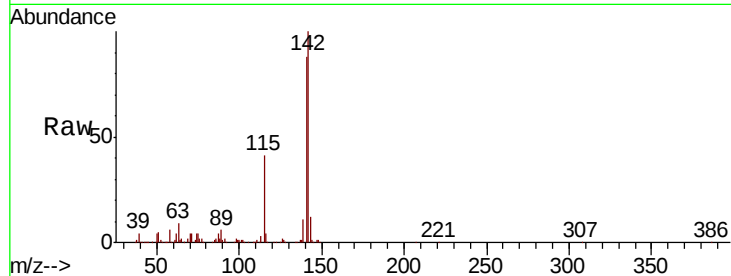
#37
2-Methylnaphthalene
Concen: 45.314 ng
RT: 12.56 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	73.8	110.8
115	41.3	33.0	49.4

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM

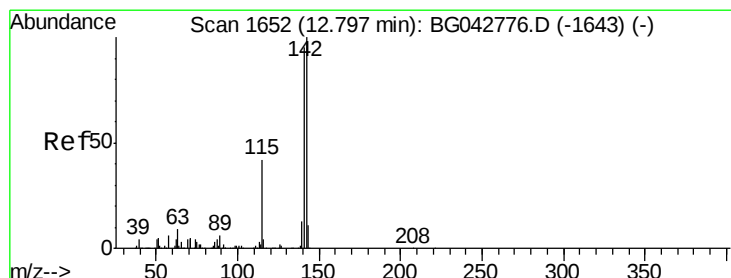
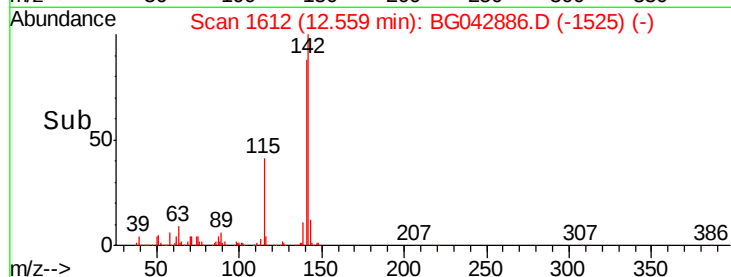
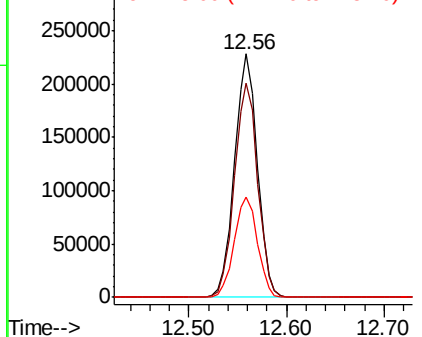


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.298 ng m
RT: 12.78 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

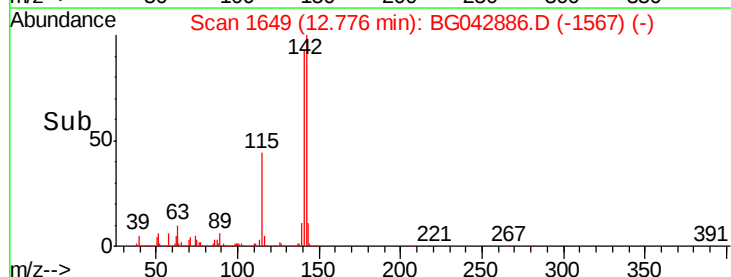
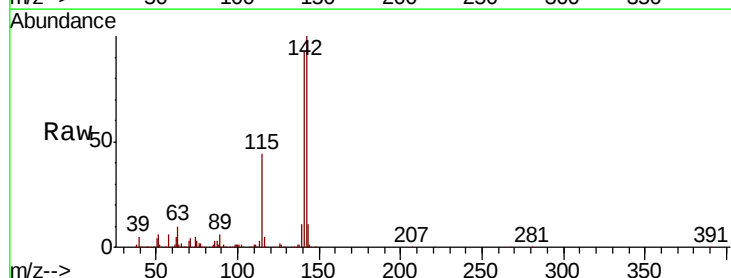
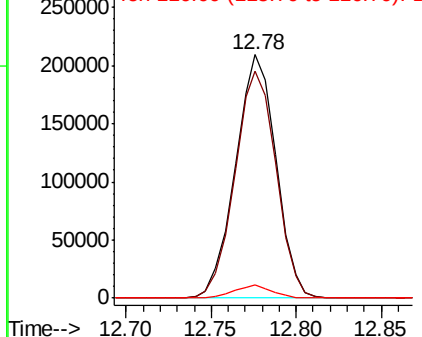
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	76.3	114.5
116	5.5	3.4	5.0#

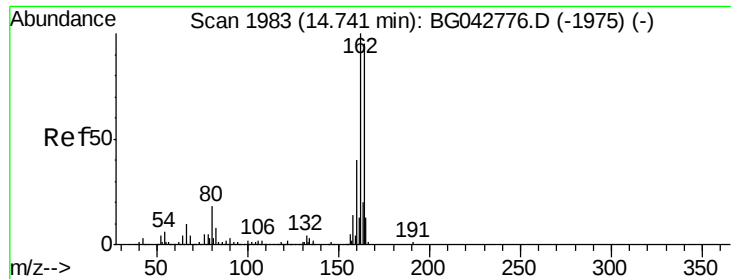
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





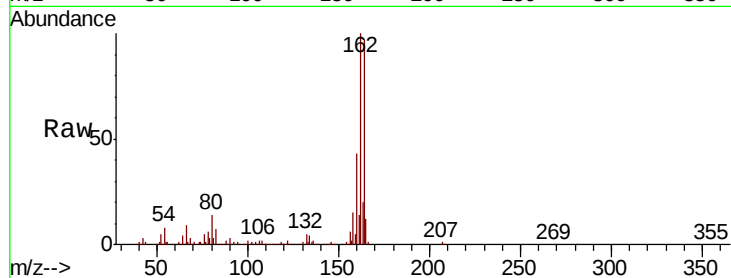
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.5	84.6	126.8	
160	44.4	34.2	51.2	

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM

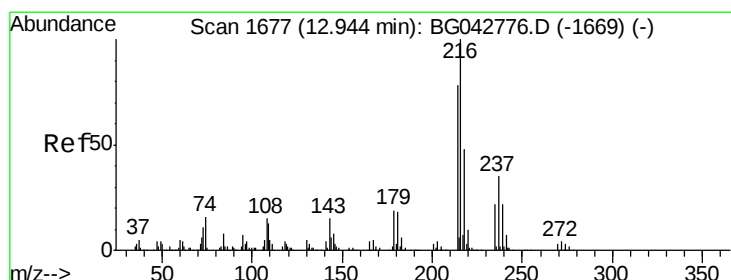
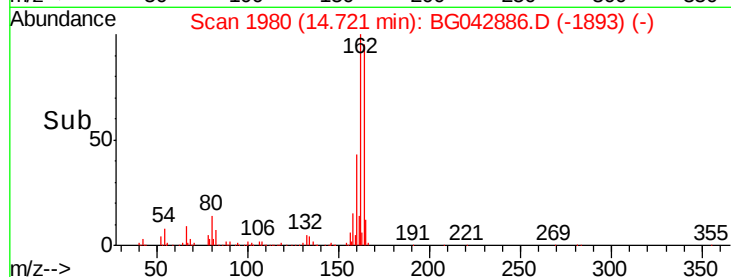
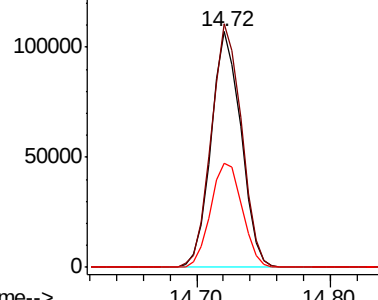


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.869 ng
RT: 12.92 min Scan# 1674
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.3	62.8	94.2	
179	19.7	15.3	22.9	
108	15.5	12.9	19.3	

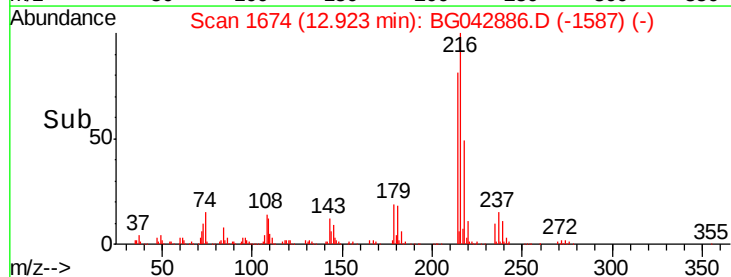
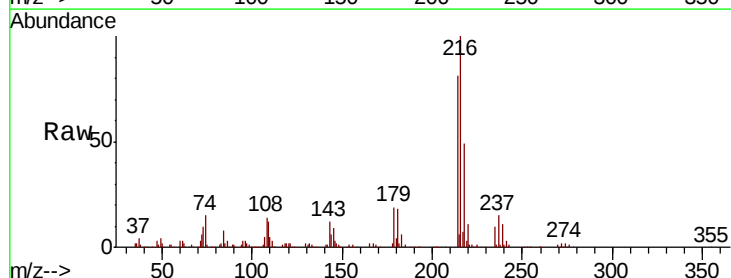
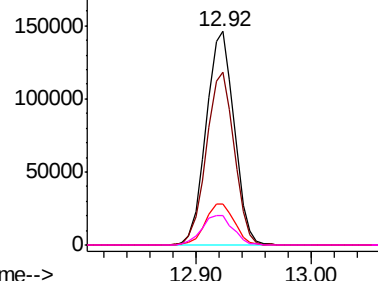
Abundance

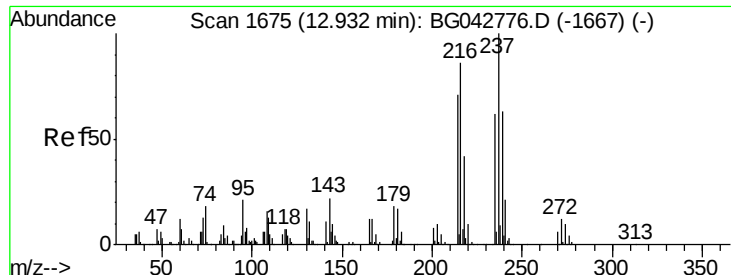
Ion 216.00 (215.70 to 216.70): E

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





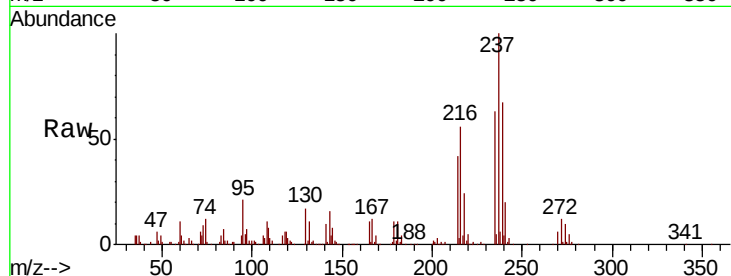
#41
Hexachlorocyclopentadiene
Concen: 52.262 ng
RT: 12.91 min Scan# 1671
Delta R.T. -0.03 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	41.9	81.9
272	12.1	0.0	31.6

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM

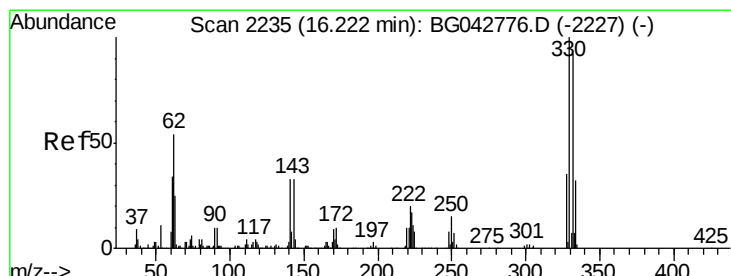
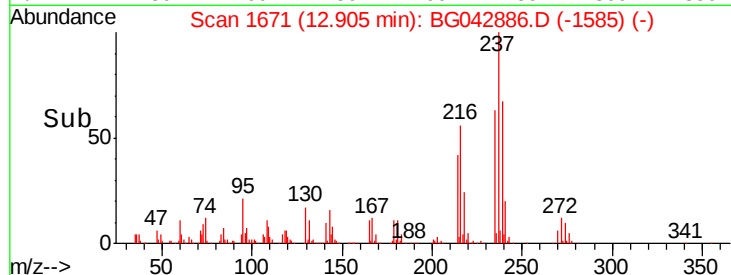
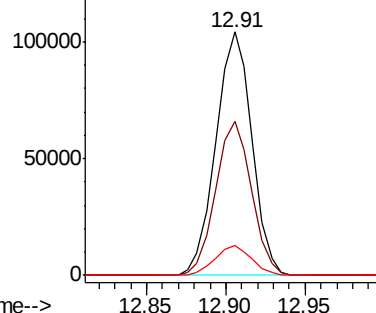


Abundance

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



#42
2,4,6-Tribromophenol
Concen: 97.338 ng
RT: 16.21 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

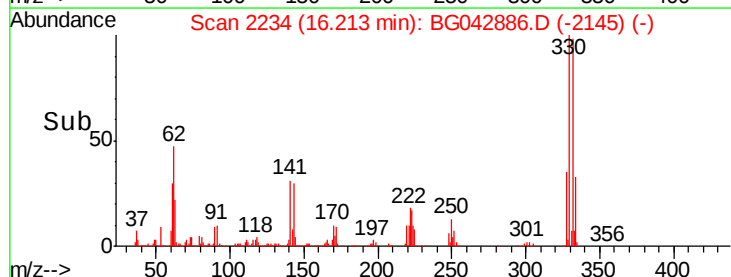
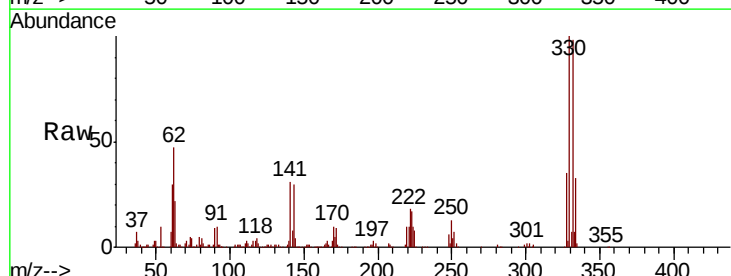
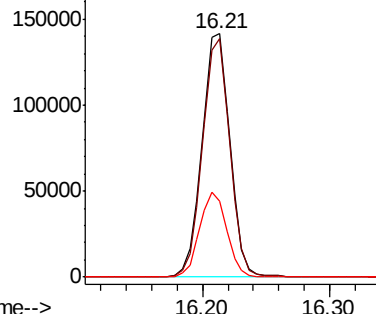
Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.8	76.7	115.1
141	34.3	27.0	40.6

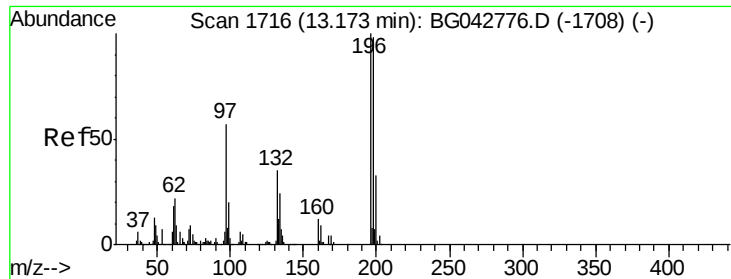
Abundance

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





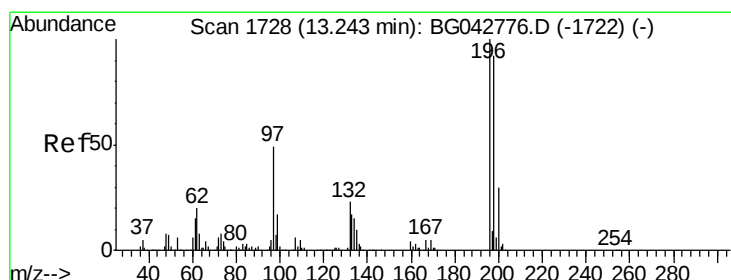
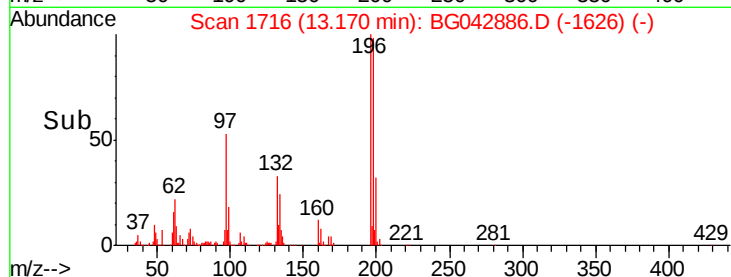
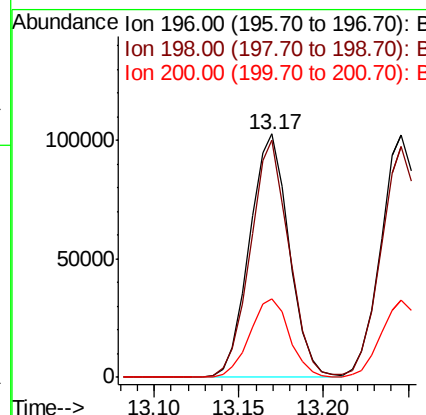
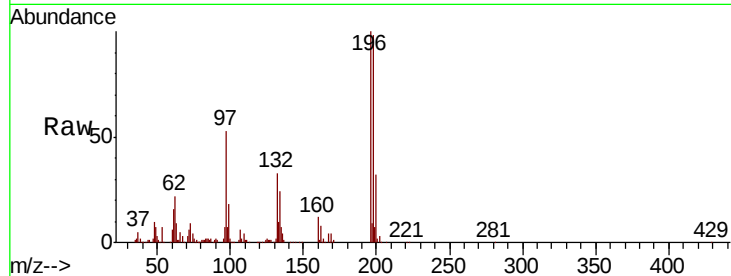
#43
2,4,6-Trichlorophenol
Concen: 45.727 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	166798		
198	97.5	78.8	118.2	
200	32.4	26.2	39.4	

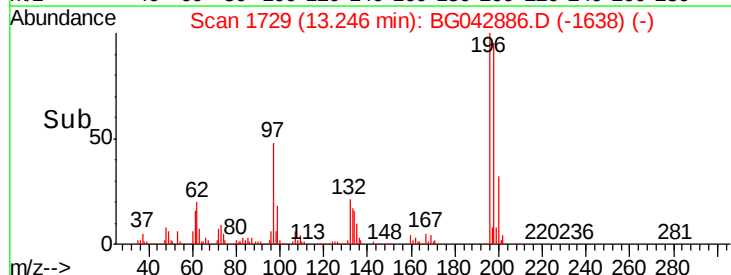
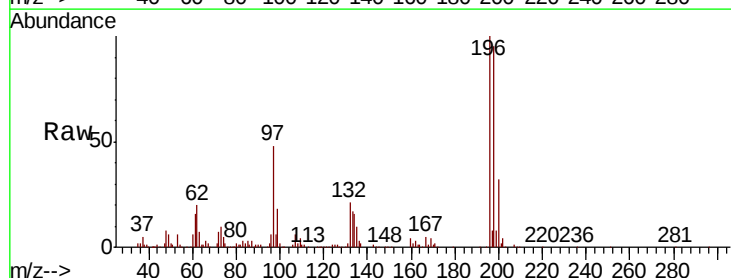
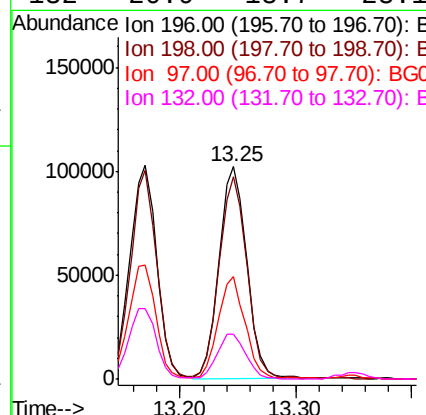
Manual Integrations
APPROVED

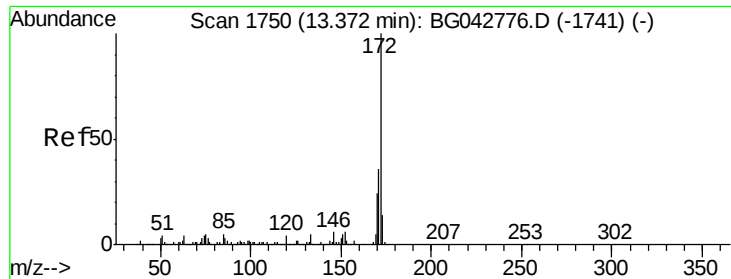
Jagrut
9/19/2019 10:48:02 AM



#44
2,4,5-Trichlorophenol
Concen: 45.548 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170178		
198	95.3	73.4	110.0	
97	48.1	39.2	58.8	
132	20.9	18.7	28.1	





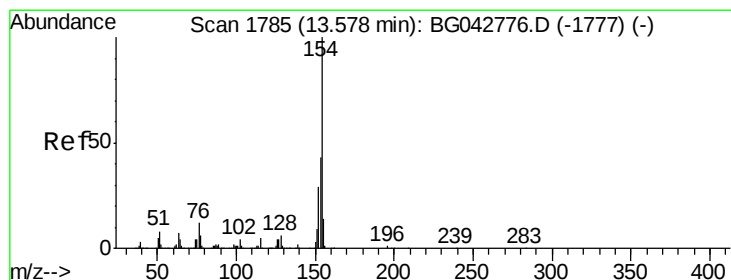
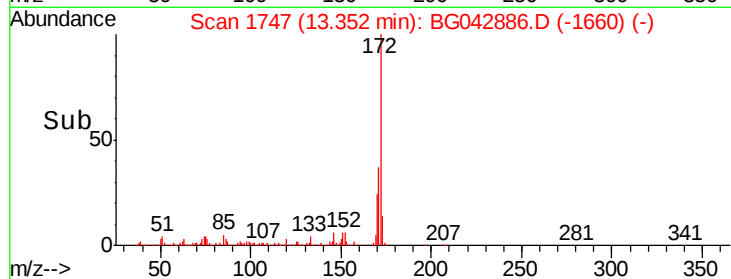
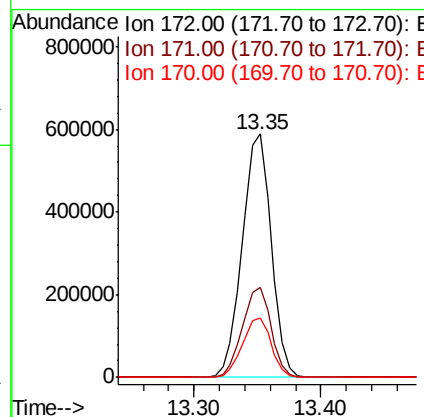
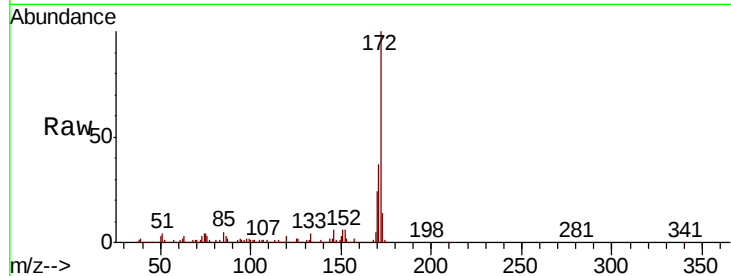
#45
2-Fluorobiphenyl
Concen: 89.024 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.4	19.1	28.7

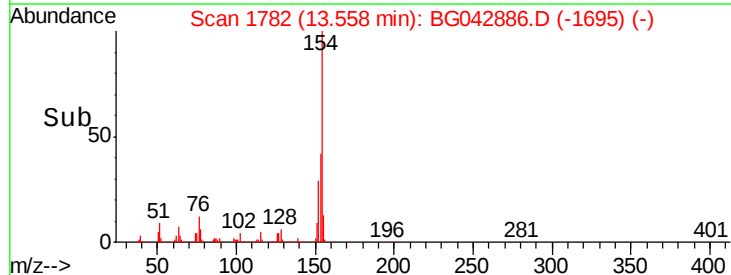
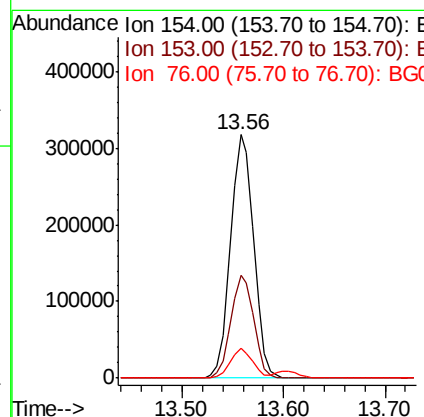
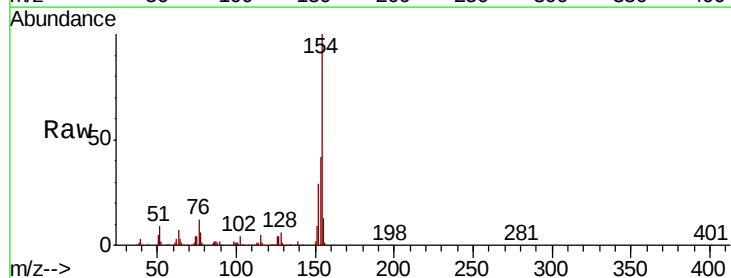
Manual Integrations
APPROVED

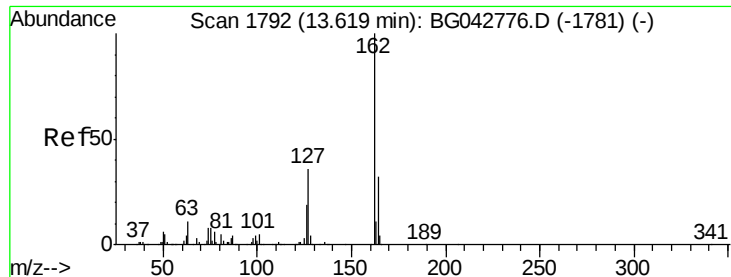
Jagrut
9/19/2019 10:48:02 AM



#46
1,1'-Biphenyl
Concen: 43.324 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	42.3	22.6	62.6
76	12.2	0.0	32.2





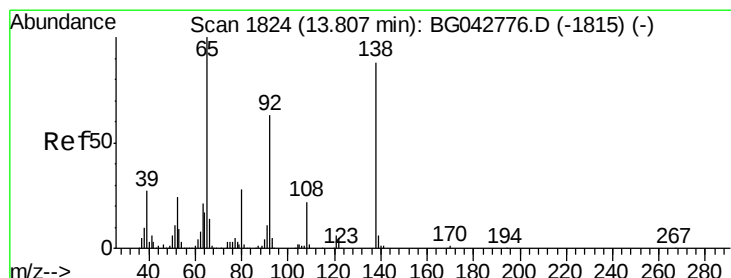
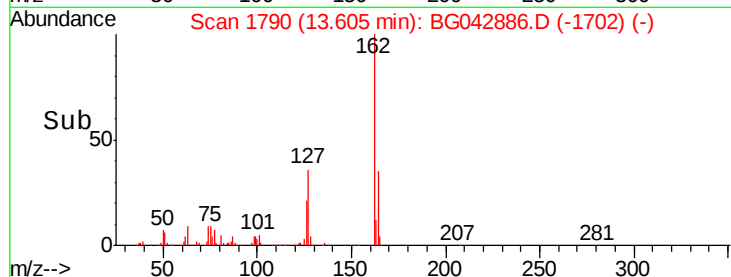
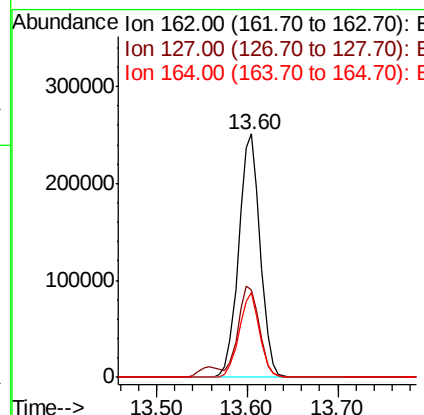
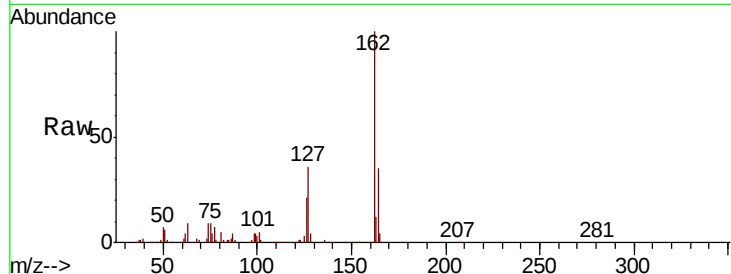
#47
2-Chloronaphthalene
Concen: 43.163 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.7	29.3	43.9	
164	34.8	26.0	39.0	

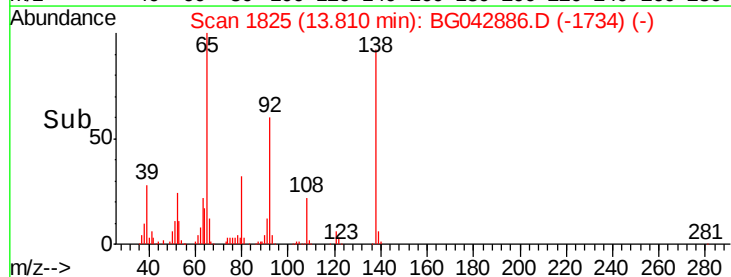
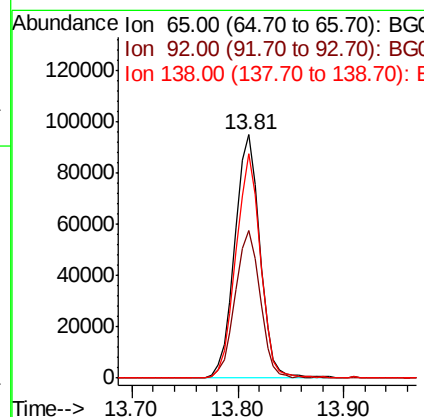
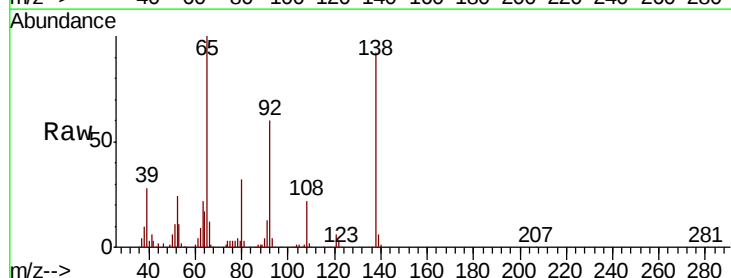
Manual Integrations
APPROVED

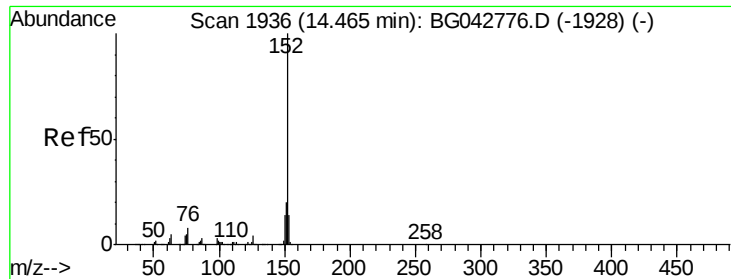
Jagrut
9/19/2019 10:48:02 AM



#48
2-Nitroaniline
Concen: 46.875 ng
RT: 13.81 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	60.5	50.4	75.6	
138	92.1	70.6	106.0	





#49

Acenaphthylene

Concen: 43.517 ng

RT: 14.44 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

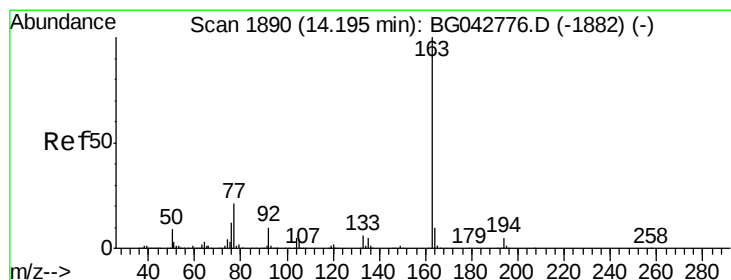
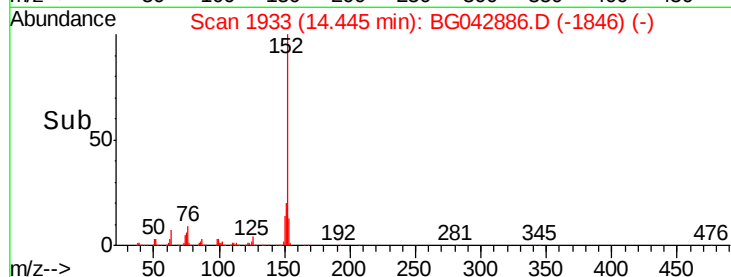
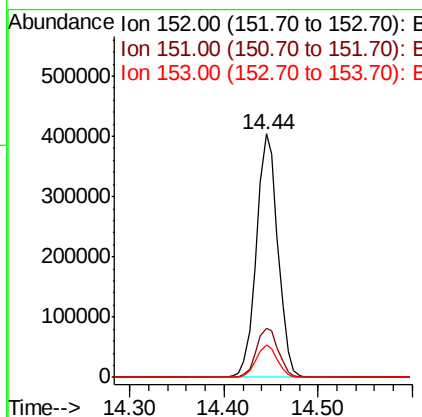
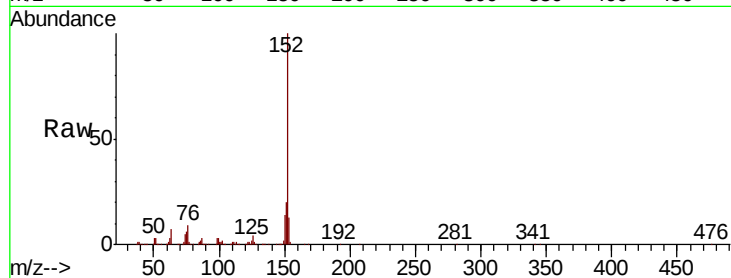
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	638548
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.0	24.0
153	13.5	11.4	17.0

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



#50

Dimethylphthalate

Concen: 43.697 ng

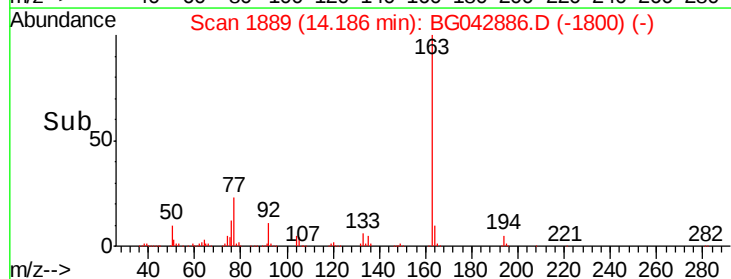
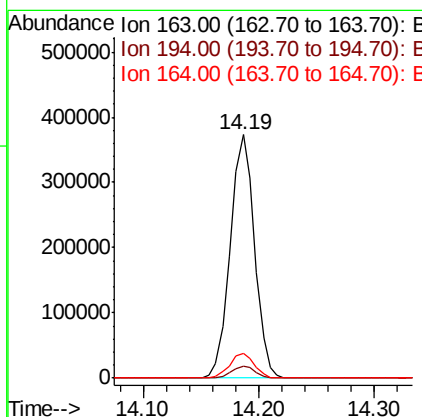
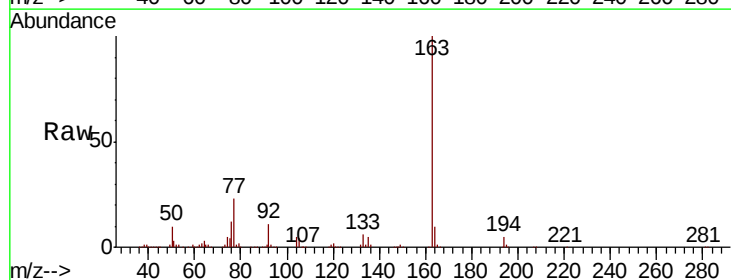
RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tgt Ion:	163	Resp:	542763
Ion Ratio	Lower	Upper	
163	100		
194	4.9	4.2	6.4
164	10.1	8.4	12.6





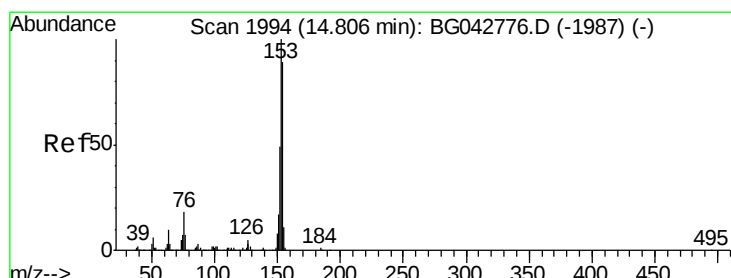
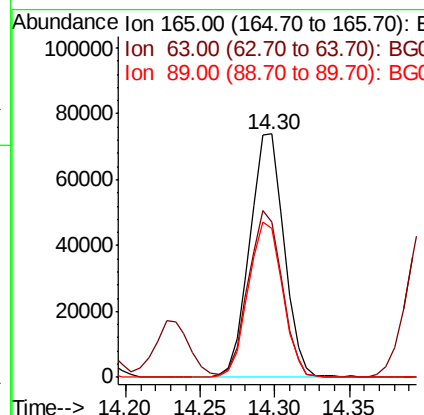
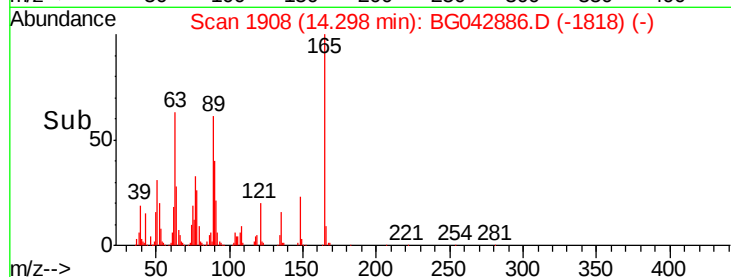
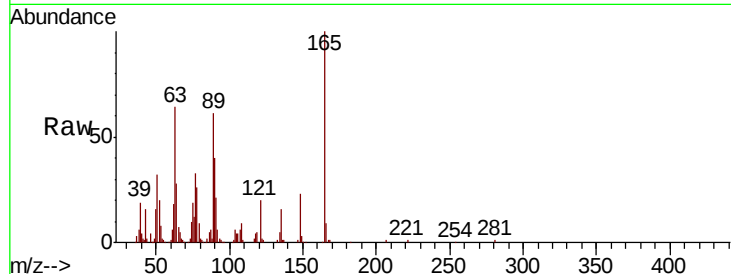
#51
 2,6-Dinitrotoluene
 Concen: 46.029 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	117312		
63	63.9		52.1	78.1
89	61.1		51.7	77.5

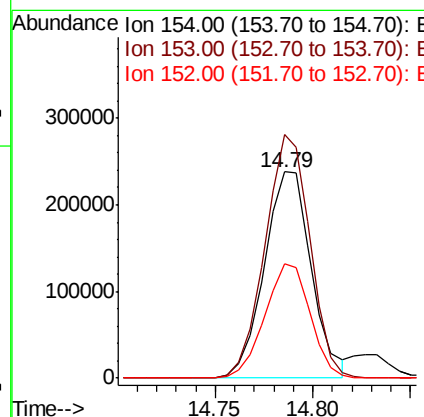
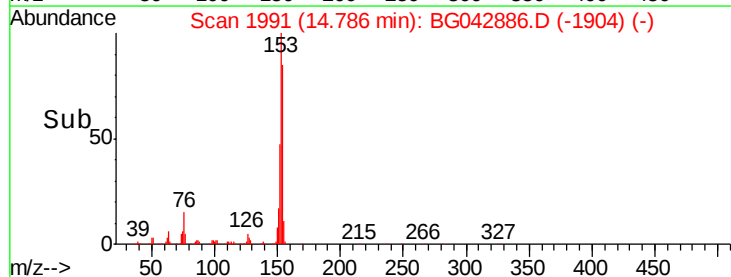
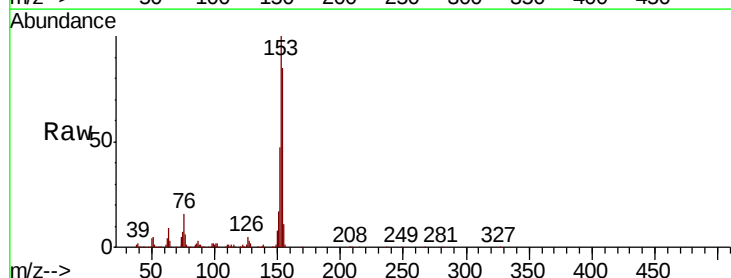
Manual Integrations
 APPROVED

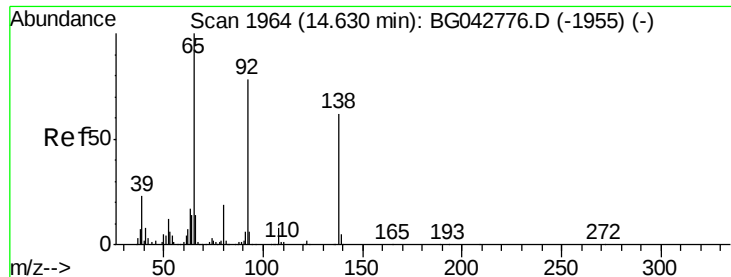
Jagrut
 9/19/2019 10:48:02 AM



#52
 Acenaphthene
 Concen: 41.295 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.02 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	395866		
153	118.3		89.4	134.2
152	55.7		43.5	65.3





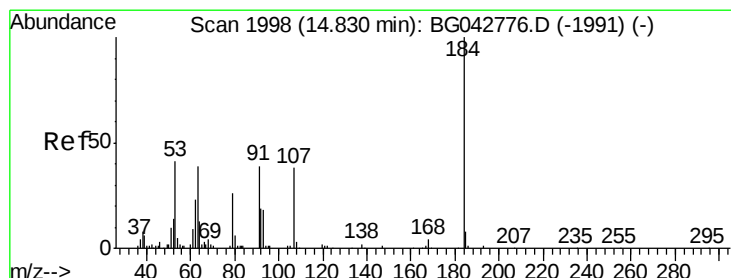
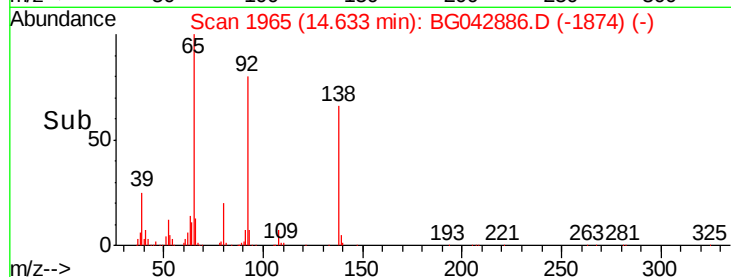
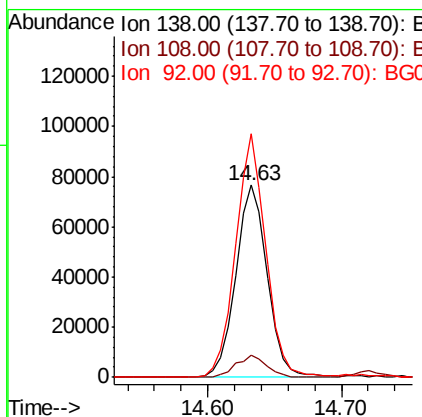
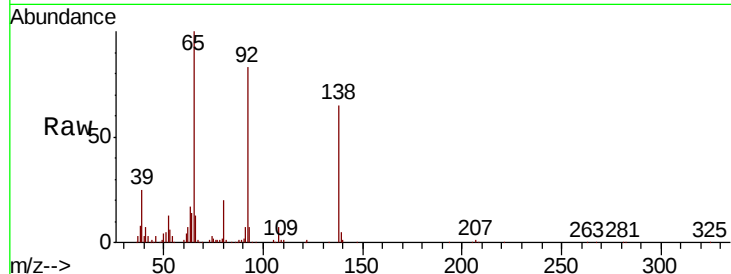
#53
3-Nitroaniline
Concen: 43.633 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	10.7	16.1
92	126.6	100.5	150.7

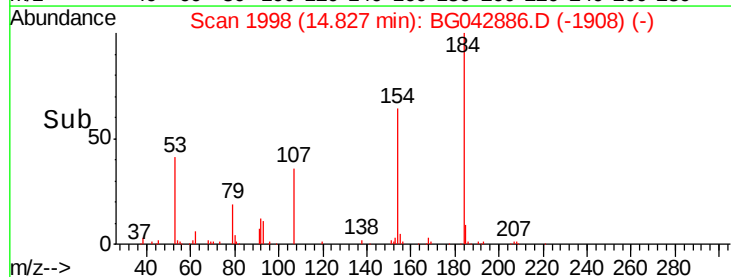
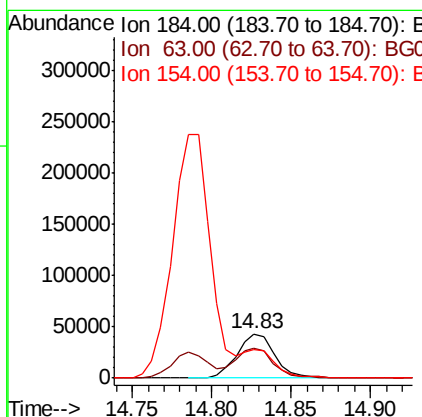
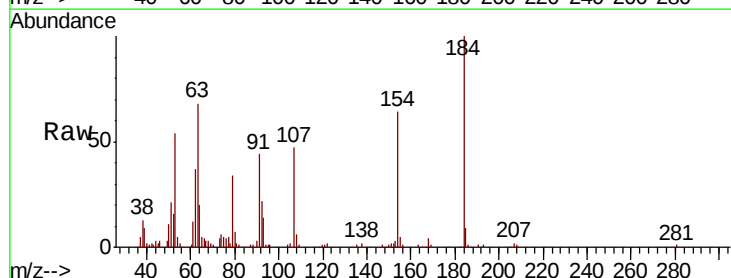
Manual Integrations
APPROVED

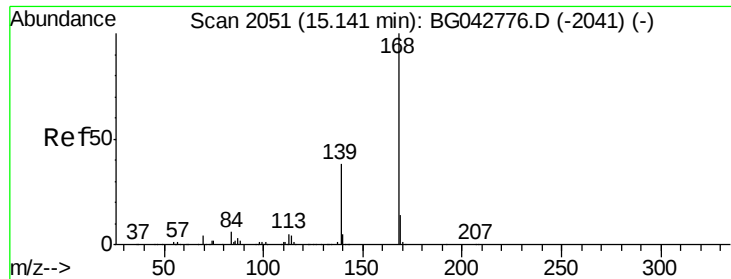
Jagrut
9/19/2019 10:48:02 AM



#54
2,4-Dinitrophenol
Concen: 56.971 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.4	46.2	69.4
154	63.8	81.3	121.9#





#55

Dibenzenofuran

Concen: 44.603 ng

RT: 15.12 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

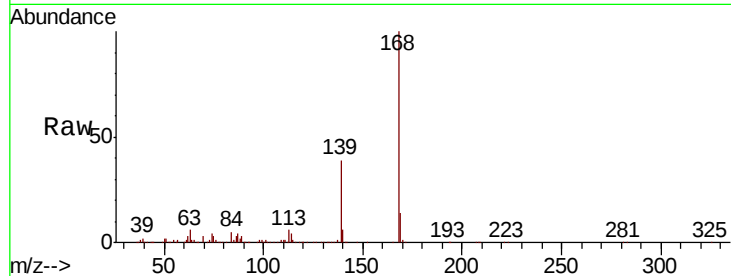
ClientSampleId :

SSTDCCC040

Tot Ion:	168	Resp:	635545
Ion Ratio	Lower	Upper	
168	100		
139	39.3	30.2	45.4
169	13.7	11.2	16.8

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM

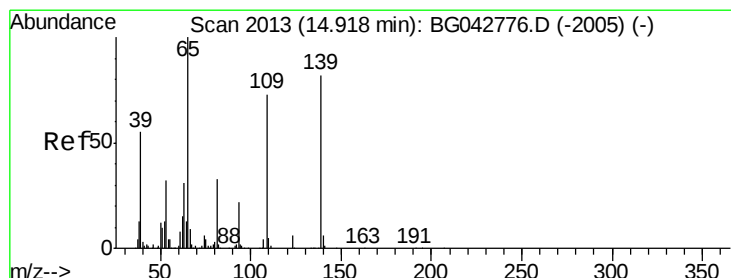
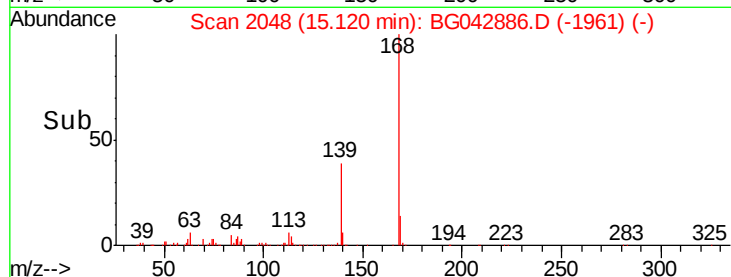
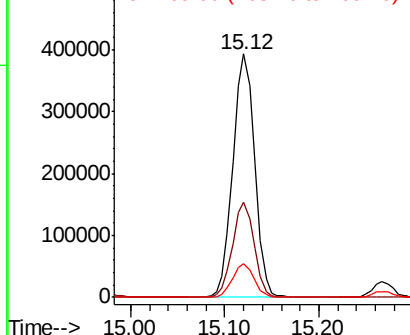


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.040 ng

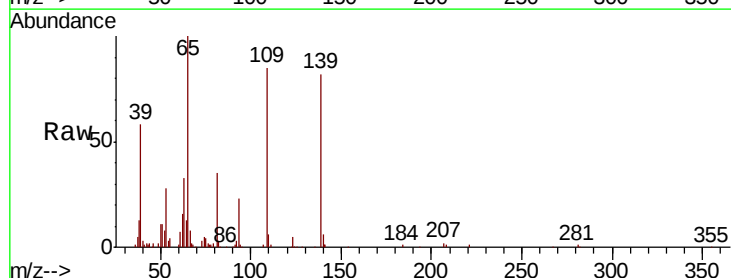
RT: 14.96 min Scan# 2020

Delta R.T. 0.04 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tgt Ion:	139	Resp:	86343
Ion Ratio	Lower	Upper	
139	100		
109	103.7	69.4	109.4
65	121.5	102.5	142.5

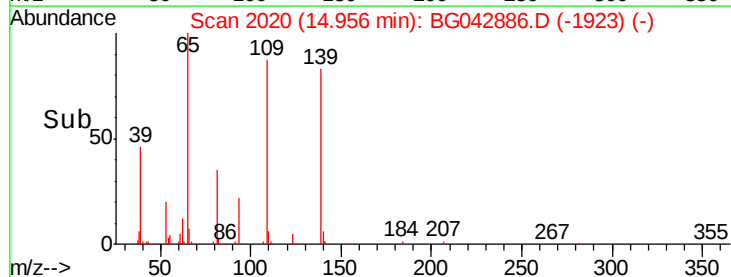
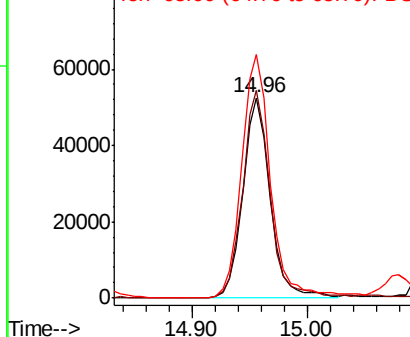


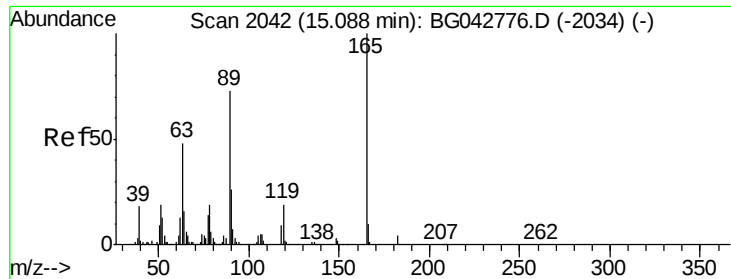
Abundance

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): BG





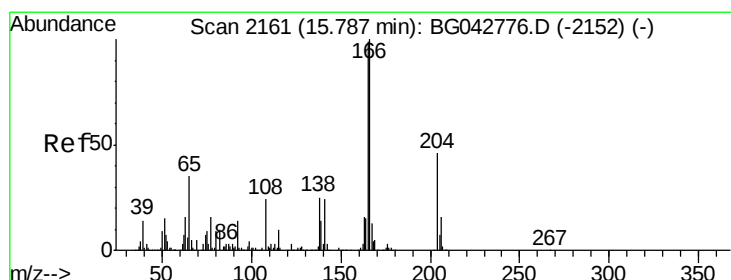
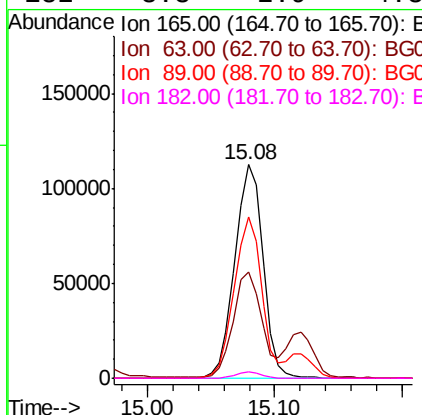
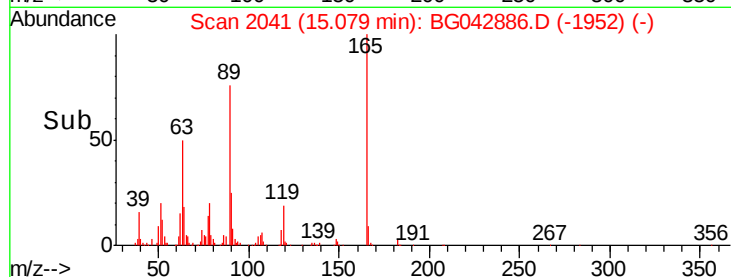
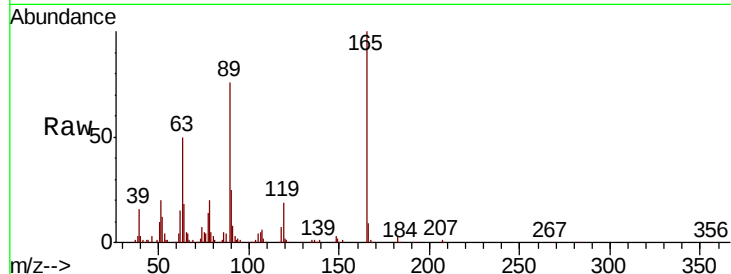
#57
2,4-Dinitrotoluene
Concen: 50.922 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		172990		
63	49.9	38.3	57.5		
89	75.6	58.4	87.6		
182	3.3	2.9	4.3		

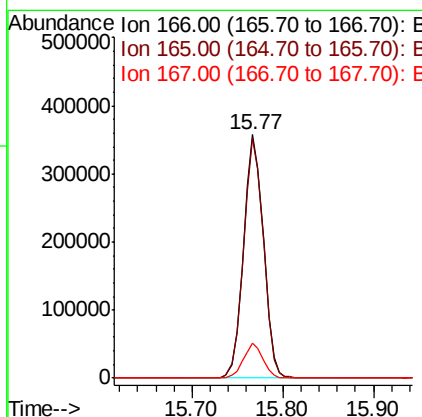
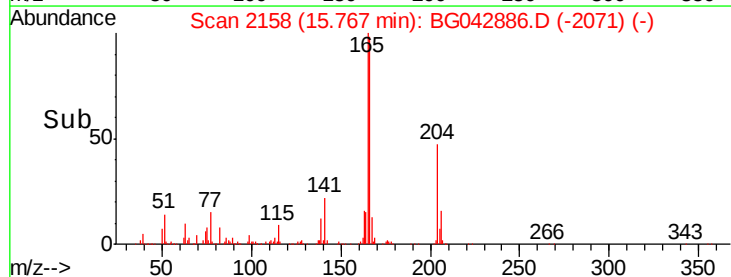
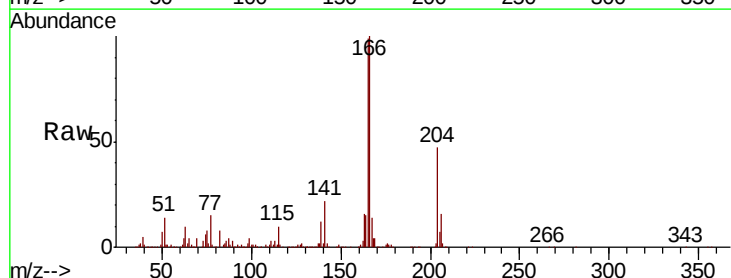
Manual Integrations
APPROVED

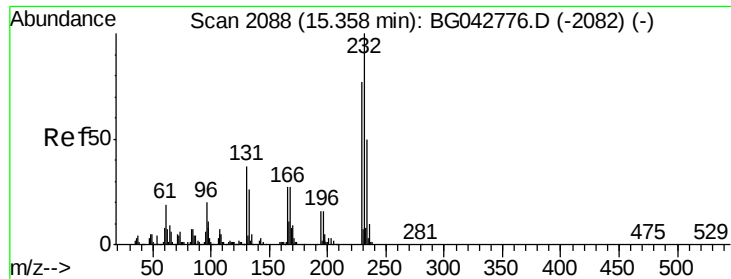
Jagrut
9/19/2019 10:48:02 AM



#58
Fluorene
Concen: 45.924 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		542310		
165	98.5	79.1	118.7		
167	14.4	10.7	16.1		





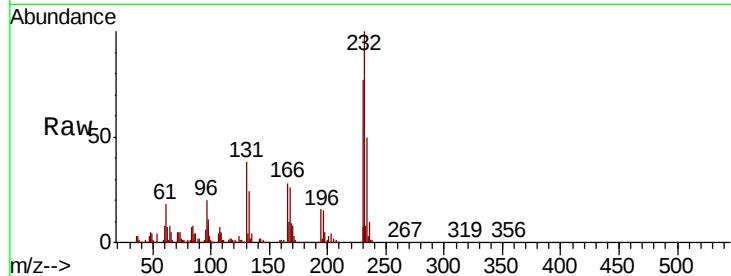
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.228 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

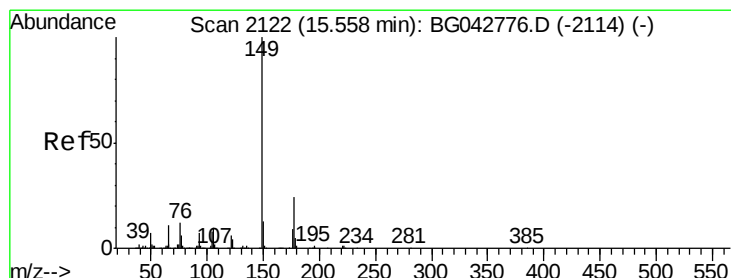
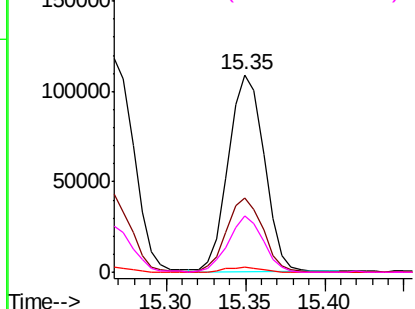
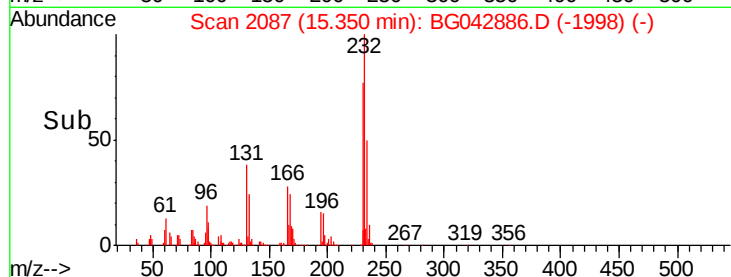
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		171055		
131	37.9	31.1	46.7		
130	2.5	1.8	2.6		
166	27.3	21.7	32.5		

Manual Integrations
 APPROVED

Jagrut
 9/19/2019 10:48:02 AM

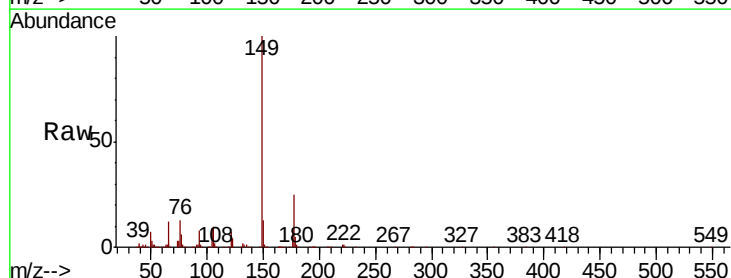


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

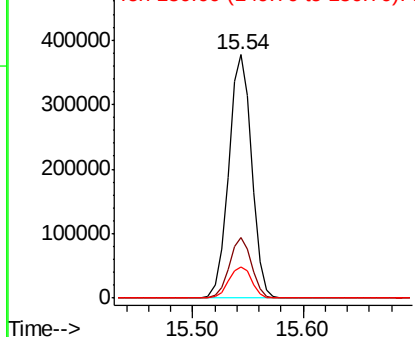
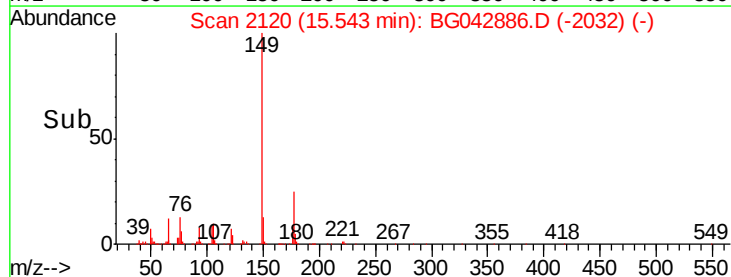


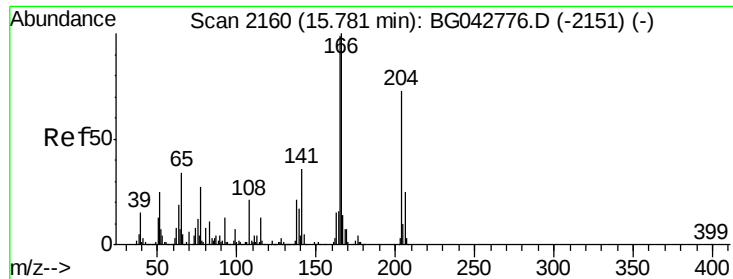
#60
 Diethylphthalate
 Concen: 43.522 ng
 RT: 15.54 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		548742		
177	24.8	19.4	29.0		
150	12.6	10.2	15.4		



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





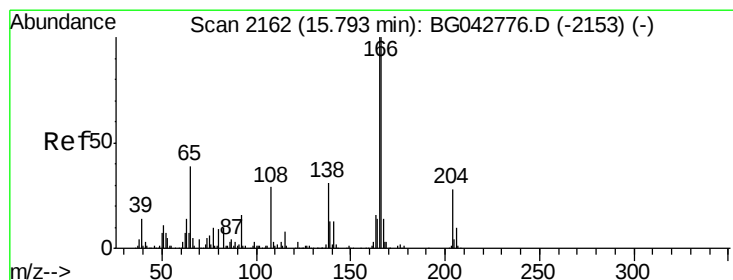
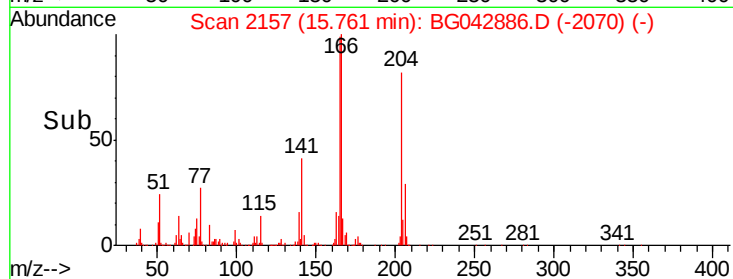
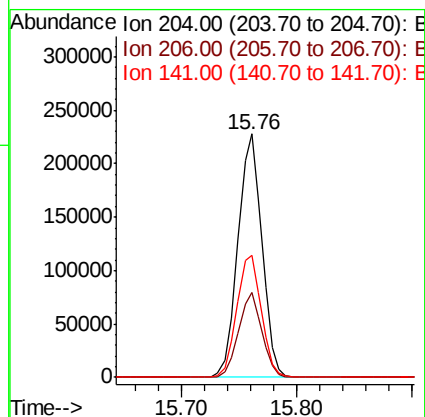
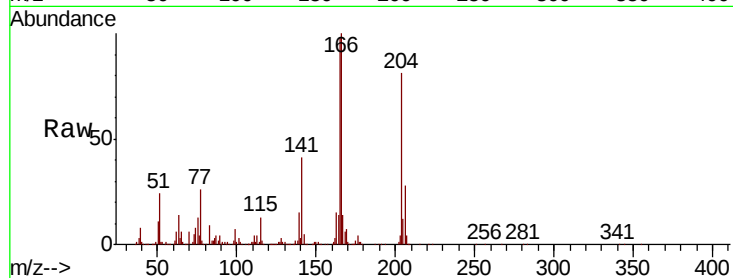
#61
4-Chlorophenyl-phenylether
Concen: 46.774 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	35.1	27.6	41.4
141	50.1	39.8	59.6

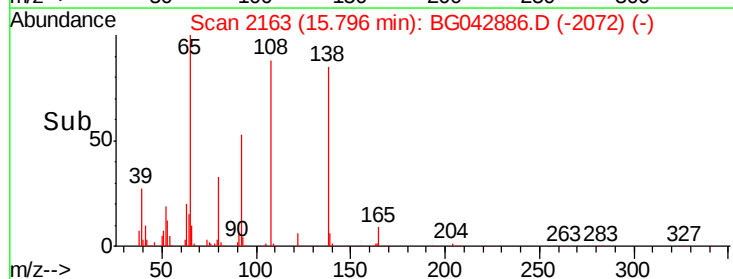
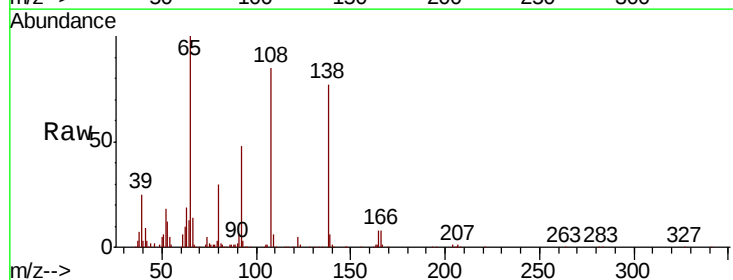
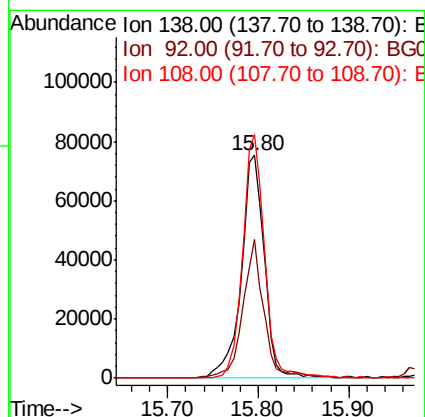
Manual Integrations
APPROVED

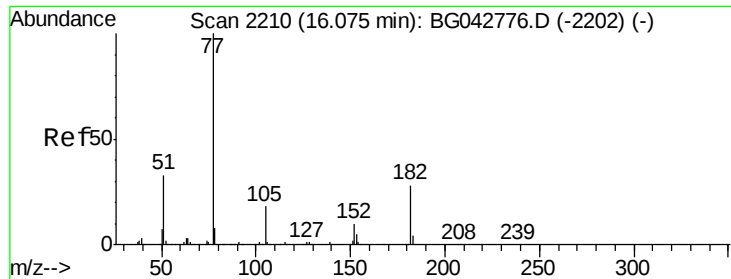
Jagrut
9/19/2019 10:48:02 AM



#62
4-Nitroaniline
Concen: 43.412 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	62.5	31.4	71.4
108	109.4	74.8	114.8





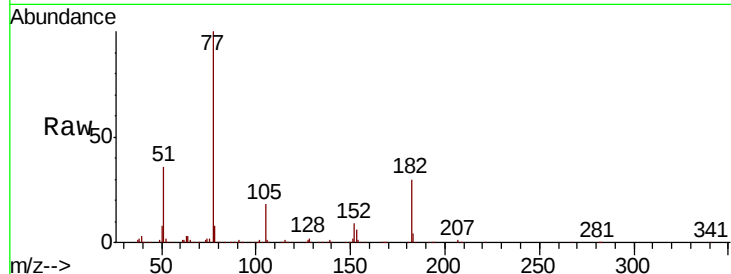
#63
Azobenzene
Concen: 42.690 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		518316		
182	30.2	8.1	48.1		
105	17.9	0.0	38.1		
51	35.8	12.9	52.9		

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



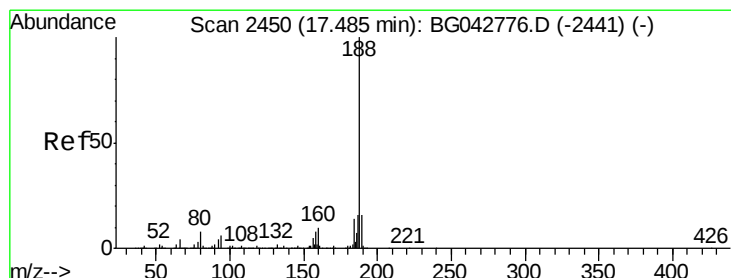
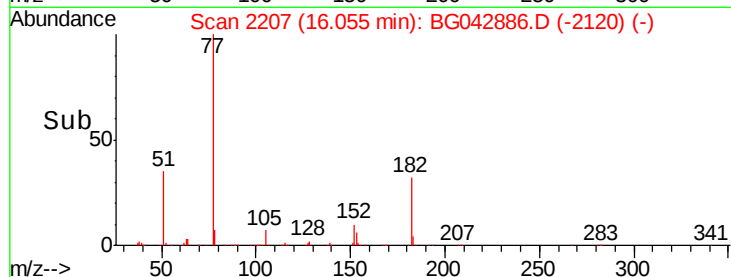
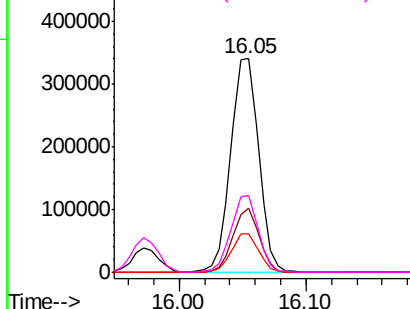
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

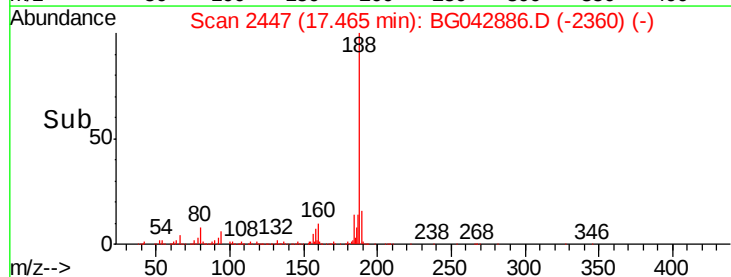
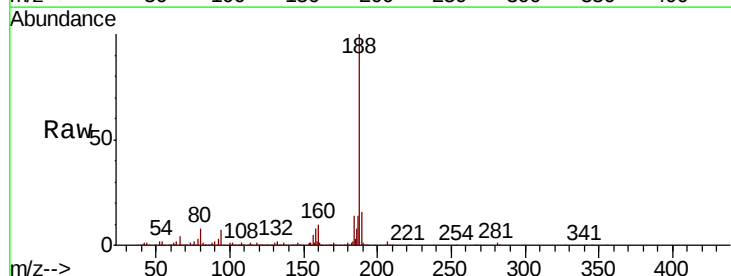
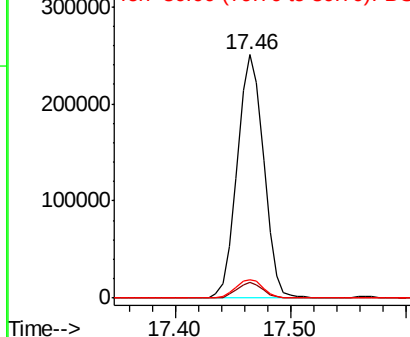
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		398075		
94	6.5	4.8	7.2		
80	7.8	6.6	9.8		

Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 58.512 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 99664

Ion Ratio Lower Upper

198 100

51 49.3 20.9 60.9

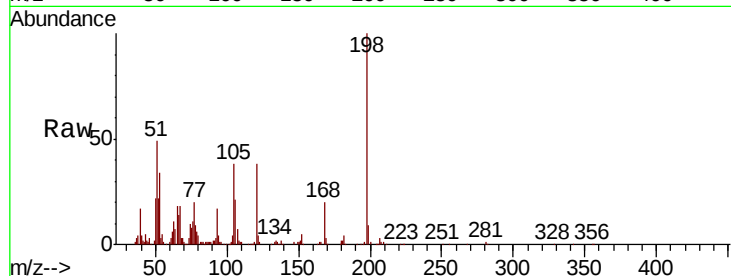
105 38.4 16.4 56.4

Manual Integrations

APPROVED

Jagrut

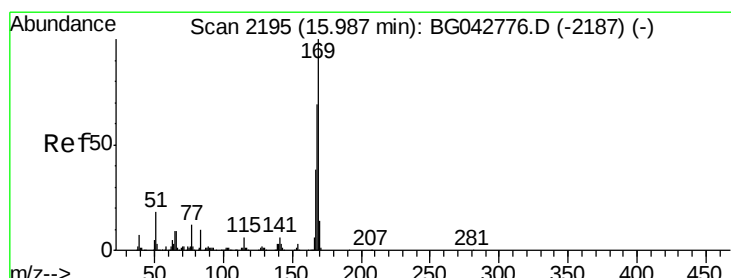
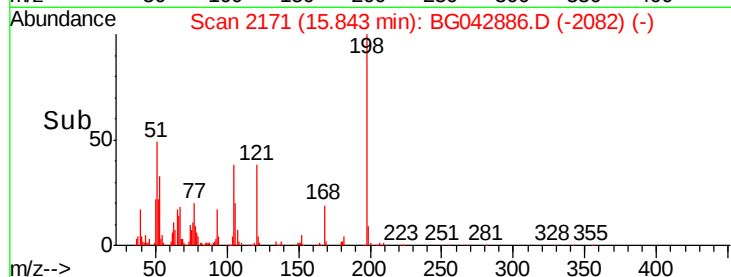
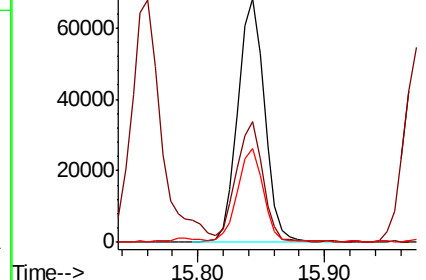
9/19/2019 10:48:02 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.003 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

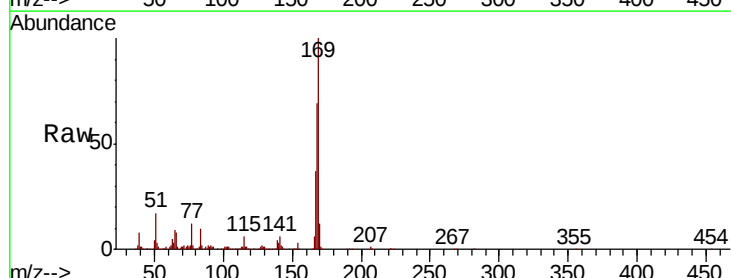
Tgt Ion:169 Resp: 471353

Ion Ratio Lower Upper

169 100

168 69.4 55.4 83.2

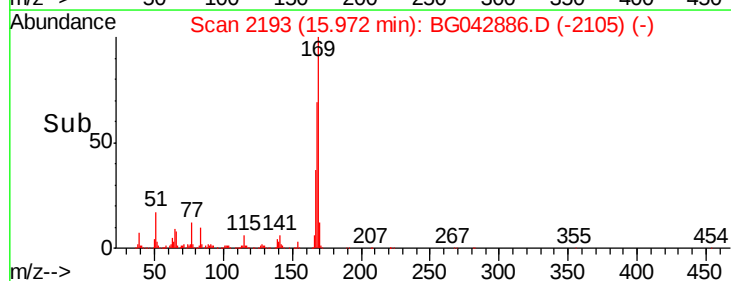
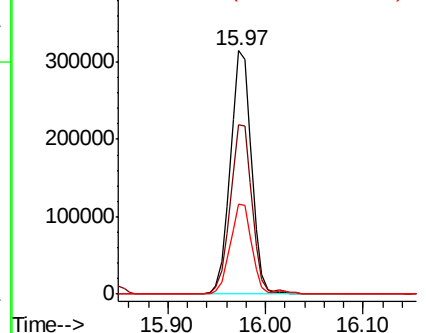
167 37.2 30.4 45.6

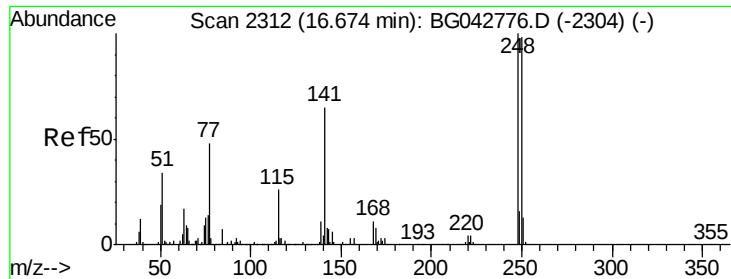


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





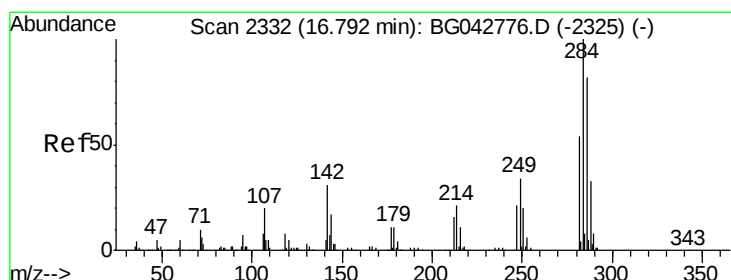
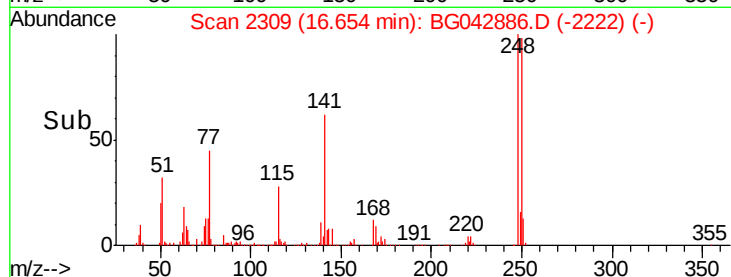
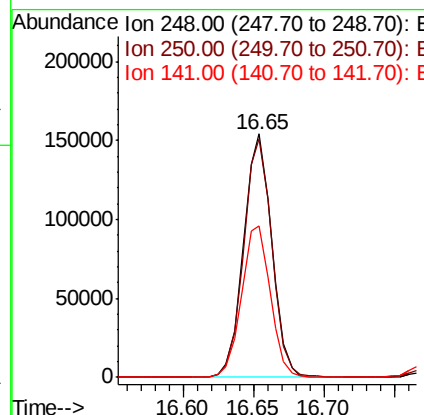
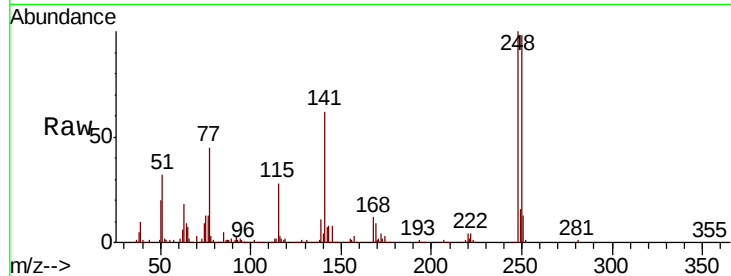
#67
4-Bromophenyl-phenylether
Concen: 44.601 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.0	117.0
141	62.4	51.8	77.6

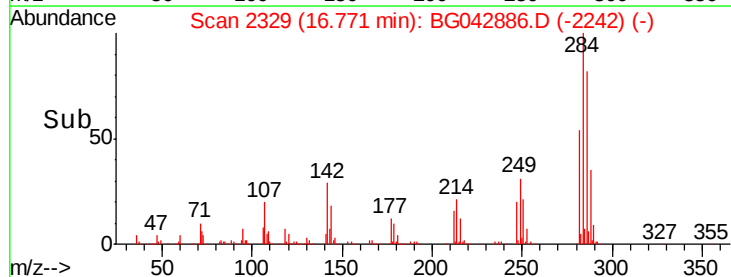
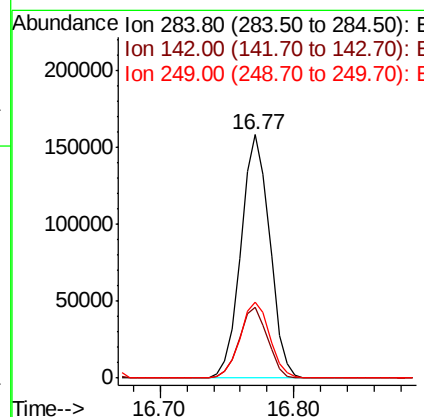
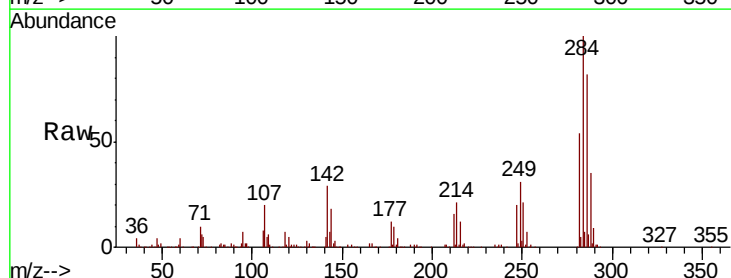
Manual Integrations
APPROVED

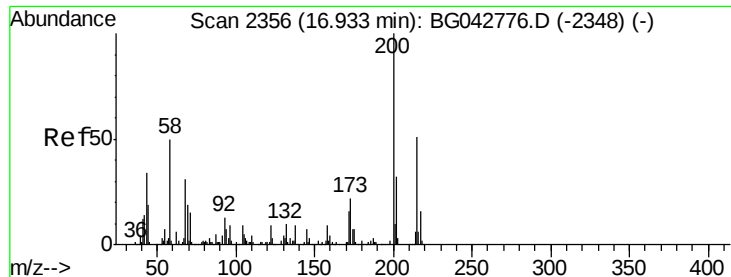
Jagrut
9/19/2019 10:48:02 AM



#68
Hexachlorobenzene
Concen: 45.691 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	24.7	37.1
249	31.2	27.0	40.4





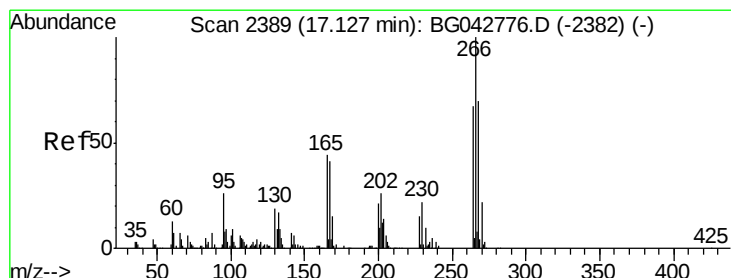
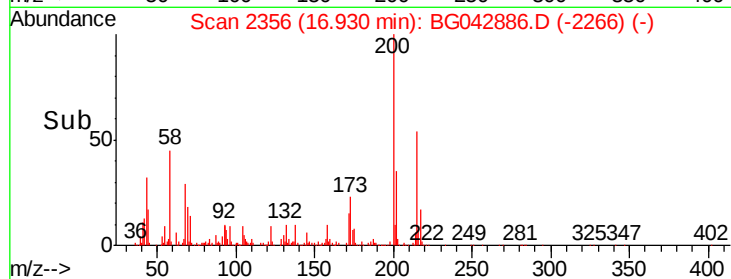
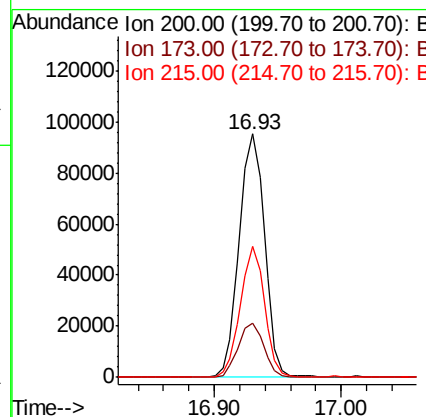
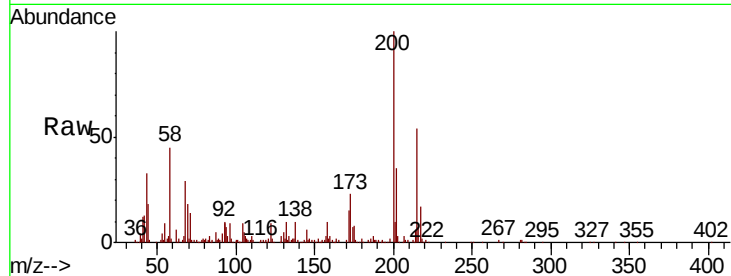
#69
Atrazine
Concen: 35.450 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	132237		
173	22.5	2.5	42.5	
215	54.0	31.0	71.0	

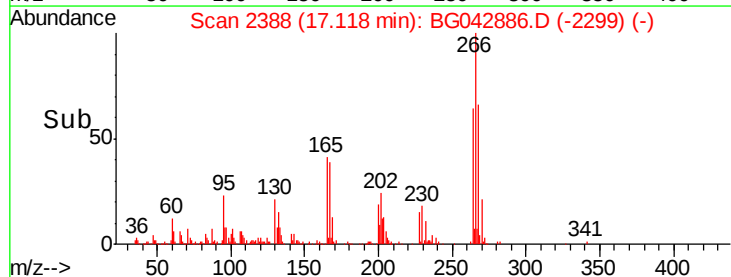
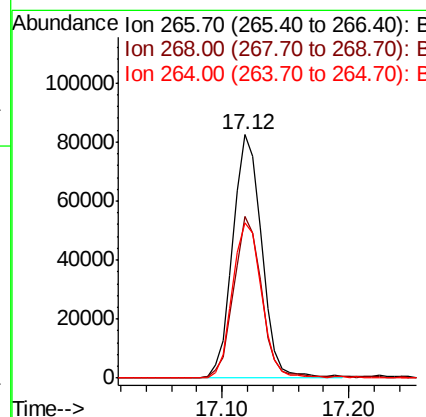
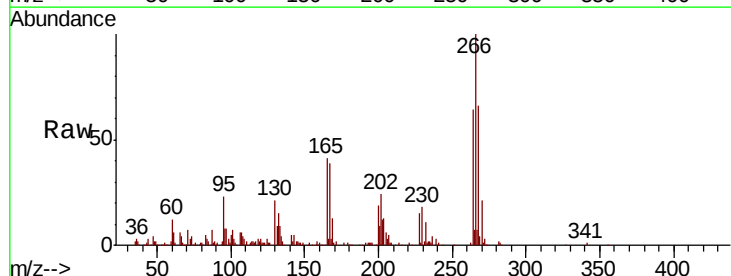
Manual Integrations
APPROVED

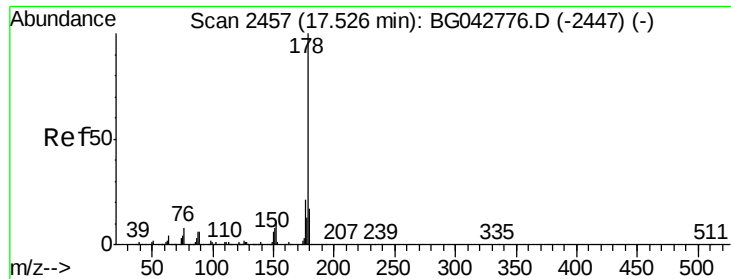
Jagrut
9/19/2019 10:48:02 AM



#70
Pentachlorophenol
Concen: 42.644 ng
RT: 17.12 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	130243		
268	66.4	56.2	84.4	
264	63.7	53.4	80.2	





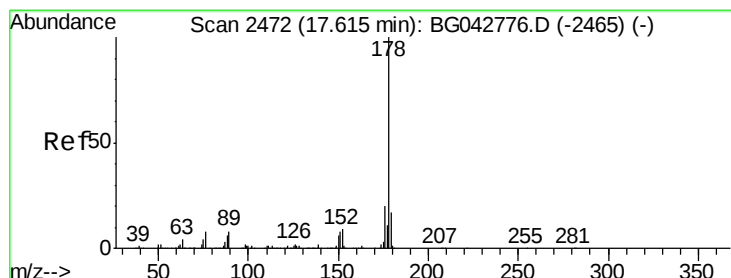
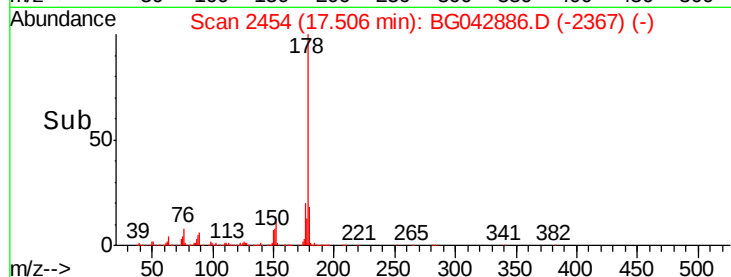
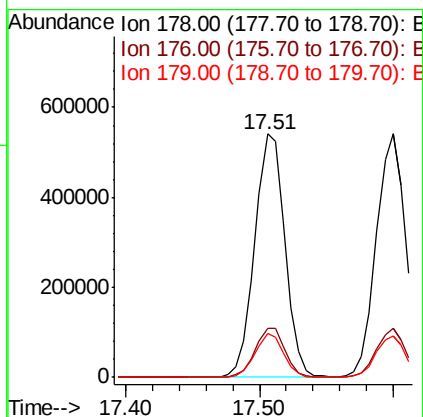
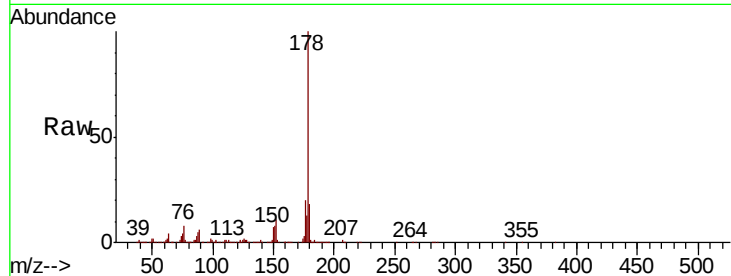
#71
Phenanthrene
Concen: 44.205 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	17.0	25.4
179	18.1	13.6	20.4

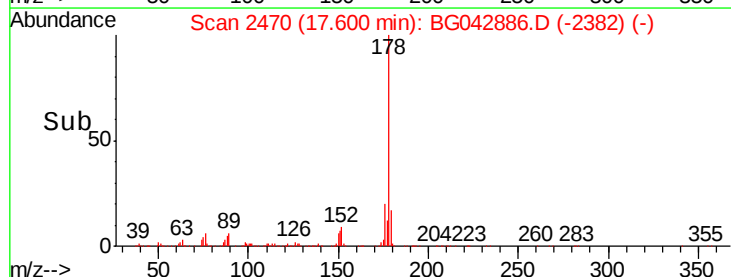
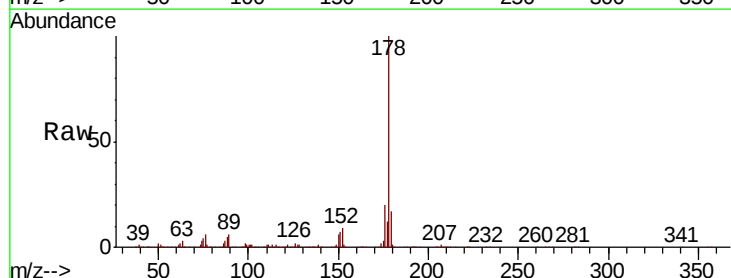
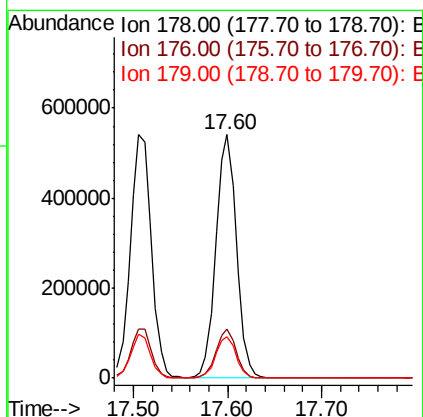
Manual Integrations
APPROVED

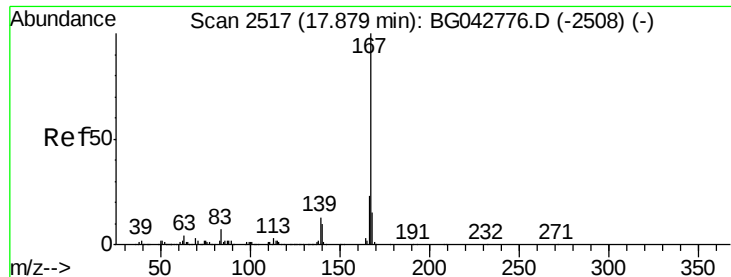
Jagrut
9/19/2019 10:48:02 AM



#72
Anthracene
Concen: 43.671 ng
RT: 17.60 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	17.0	13.6	20.4





#73

Carbazole

Concen: 41.392 ng

RT: 17.87 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

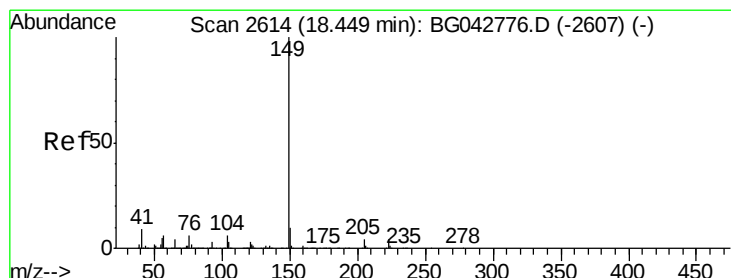
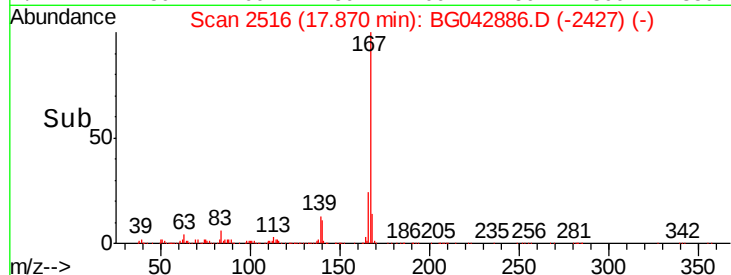
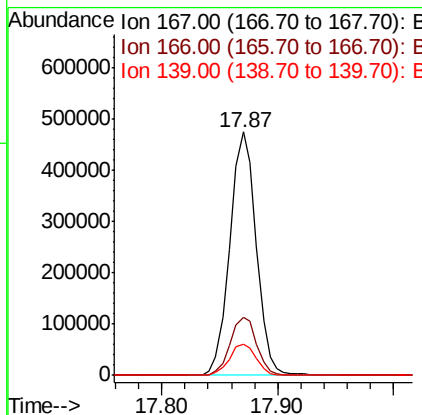
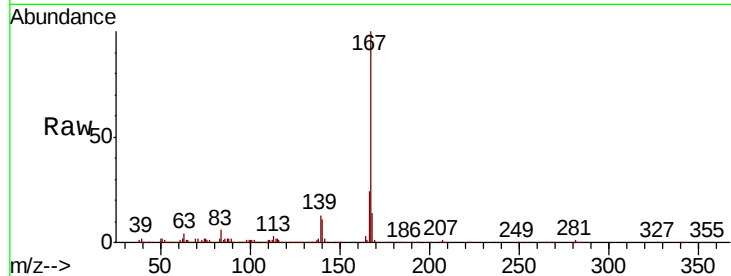
ClientSampleId :

SSTDCCC040

Tot Ion:	167	Resp:	748246
Ion Ratio	Lower	Upper	
167	100		
166	24.0	18.3	27.5
139	13.0	10.2	15.4

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



#74

Di-n-butylphthalate

Concen: 40.990 ng

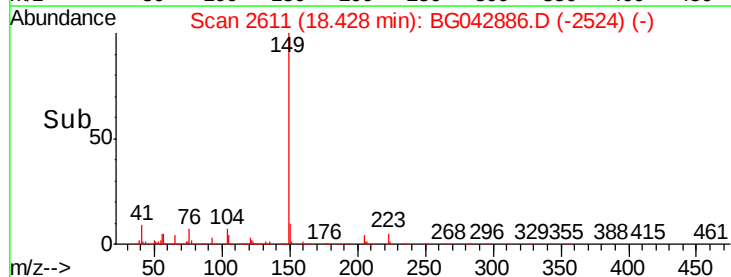
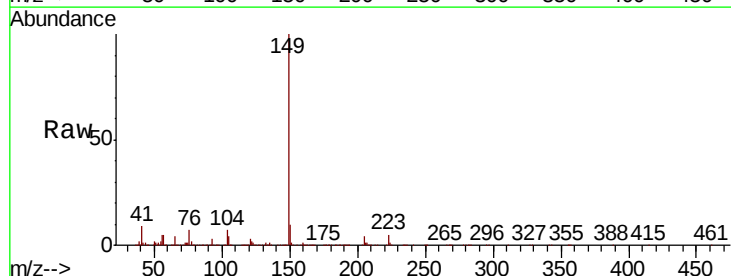
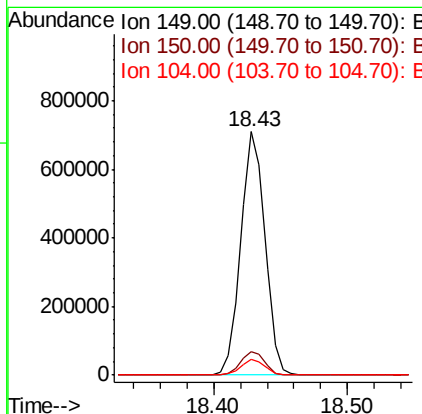
RT: 18.43 min Scan# 2611

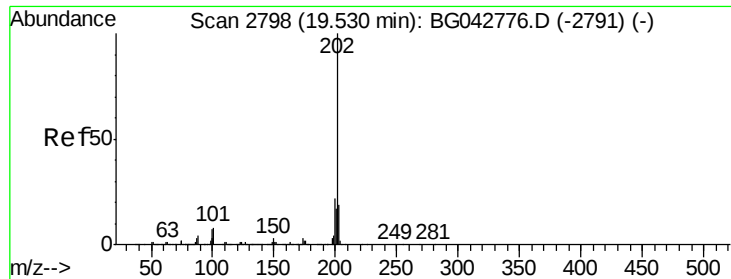
Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tgt Ion:	149	Resp:	887618
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.0	12.0
104	6.6	5.1	7.7





#75

Fluoranthene

Concen: 41.285 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

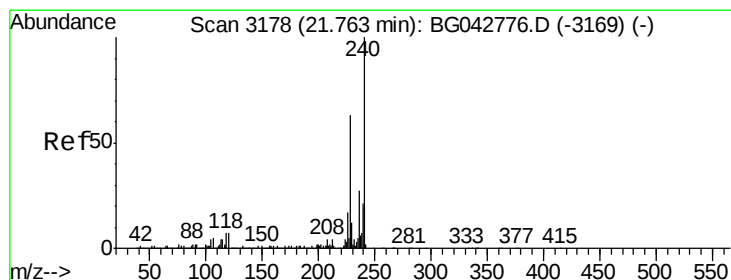
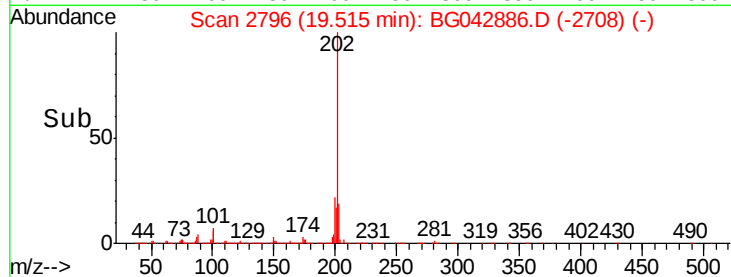
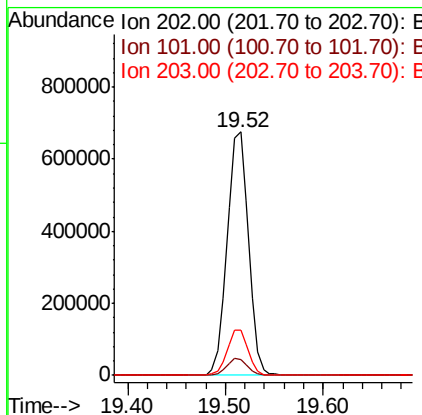
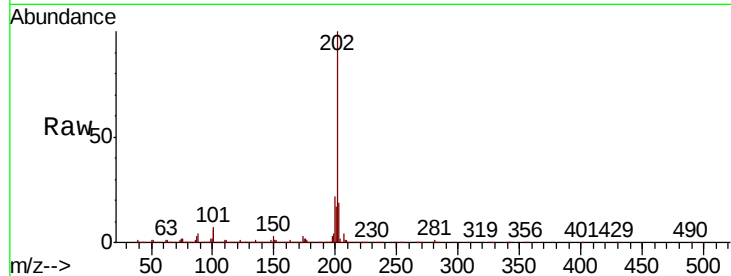
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1018625
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	27.8
203	18.6	0.0	39.1

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



#76

Chrysene-d12

Concen: 20.000 ng

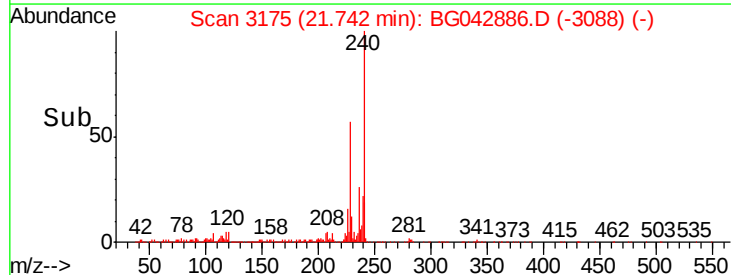
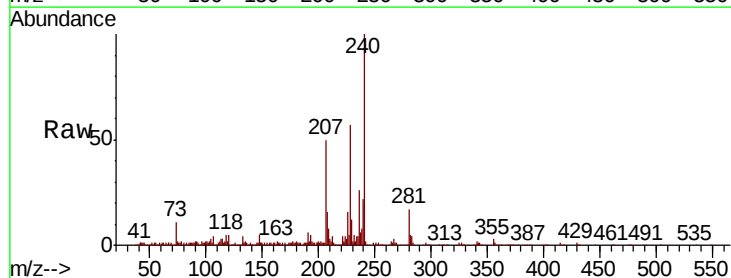
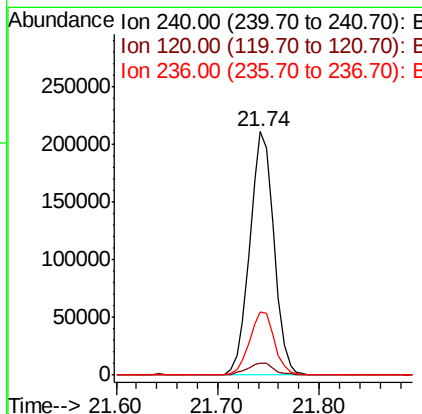
RT: 21.74 min Scan# 3175

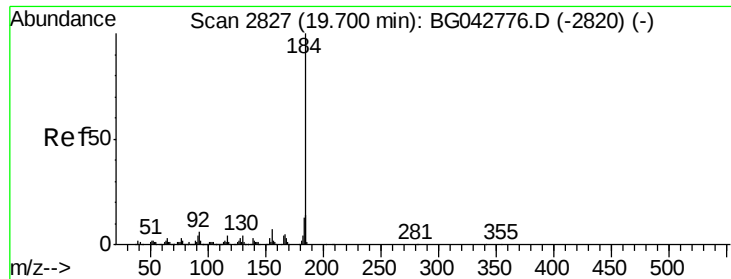
Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tgt Ion:	240	Resp:	348333
Ion Ratio	Lower	Upper	
240	100		
120	5.0	5.4	8.2#
236	26.1	21.7	32.5





#77

Benzidine

Concen: 32.959 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

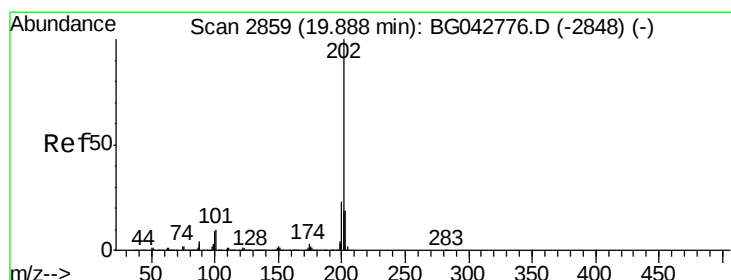
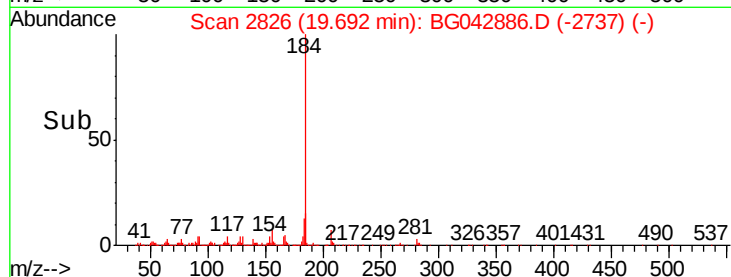
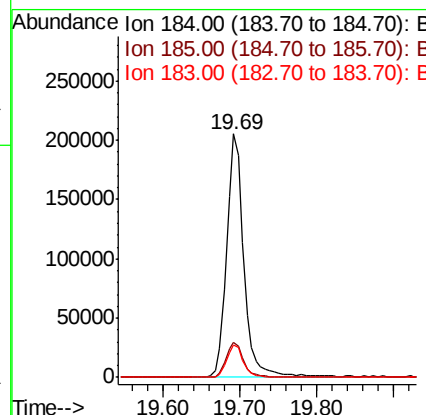
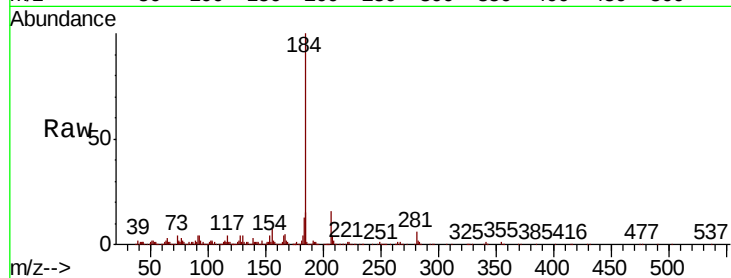
ClientSampled :

SSTDCCC040

Tot Ion:	184	Resp:	320758
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.6	17.4
183	13.2	10.4	15.6

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



#78

Pyrene

Concen: 46.193 ng

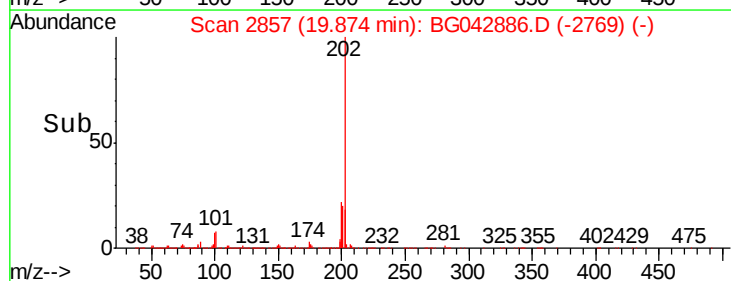
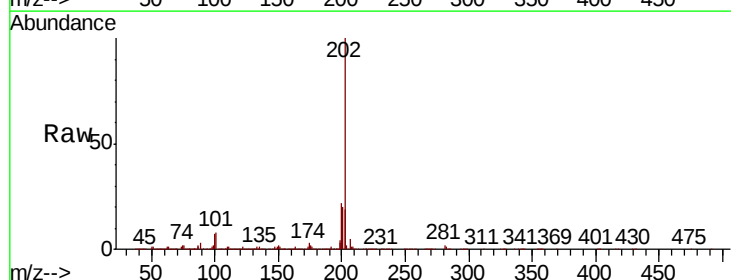
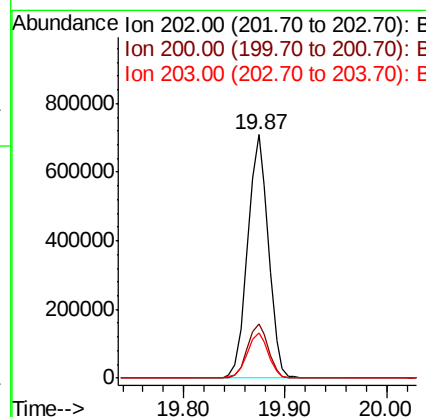
RT: 19.87 min Scan# 2857

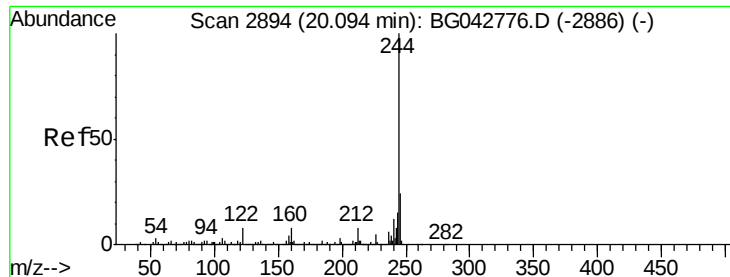
Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tgt Ion:	202	Resp:	1007379
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.5	27.7
203	18.5	15.3	22.9





#79

Terphenyl-d14

Concen: 100.056 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1572579

Ion Ratio Lower Upper

244 100

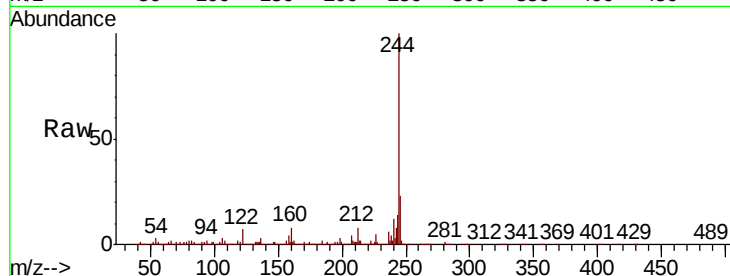
212 8.2 6.6 10.0

122 6.7 6.2 9.4

Manual Integrations
APPROVED

Jagrut

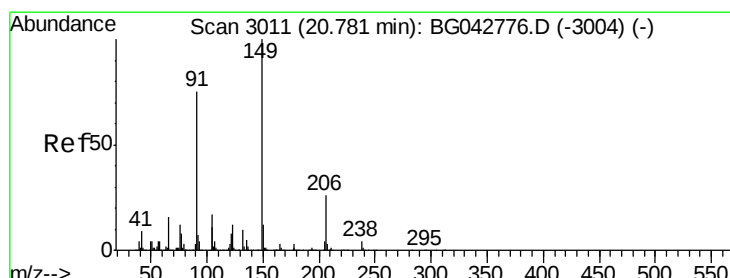
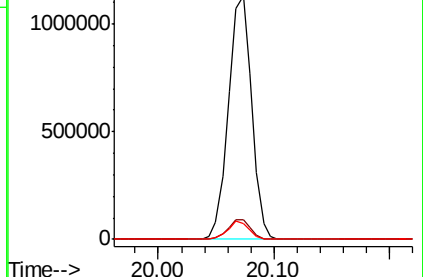
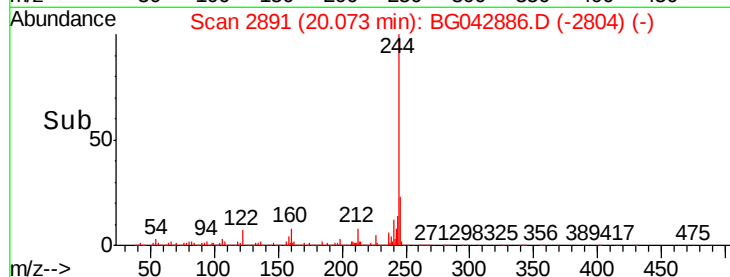
9/19/2019 10:48:02 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.570 ng

RT: 20.76 min Scan# 3008

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

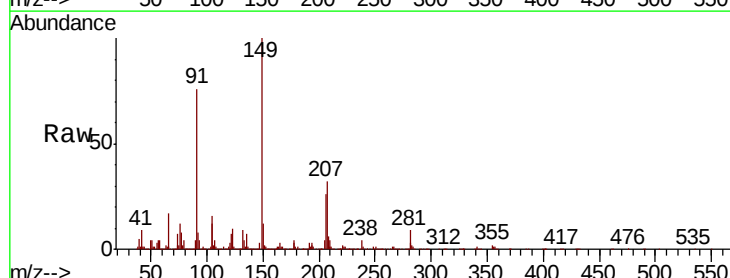
Tgt Ion:149 Resp: 366893

Ion Ratio Lower Upper

149 100

91 75.8 60.2 90.2

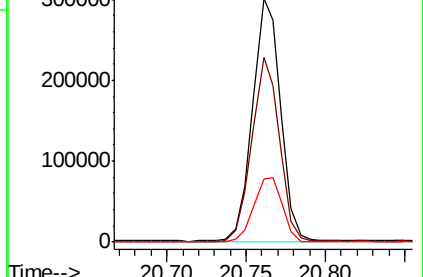
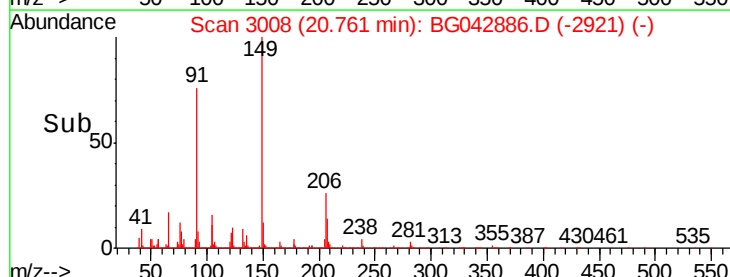
206 25.9 20.6 30.8

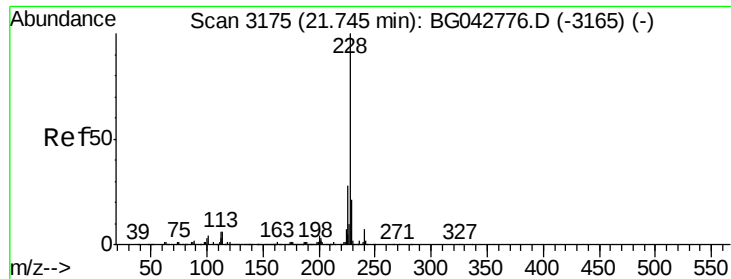


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





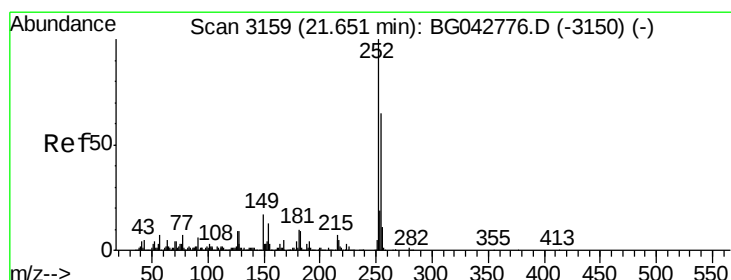
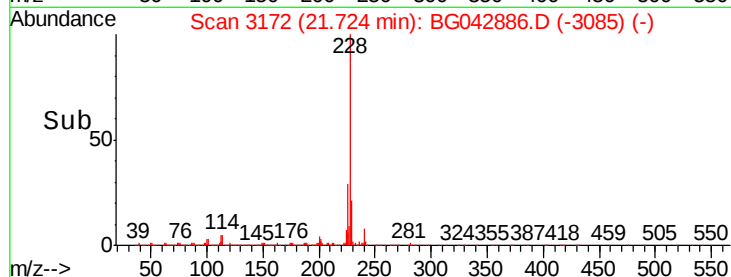
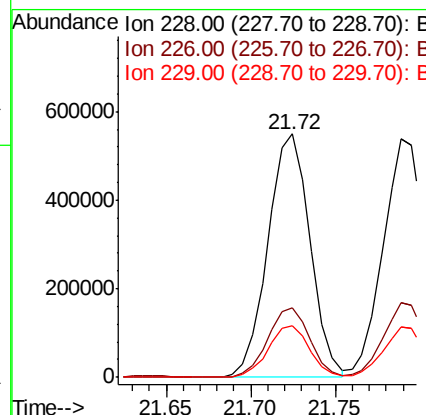
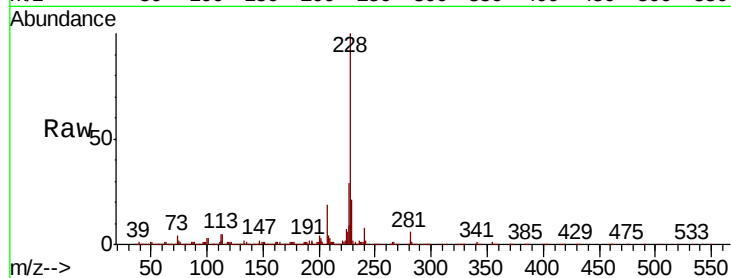
#81
Benzo(a)anthracene
Concen: 42.975 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	21.4	17.2	25.8

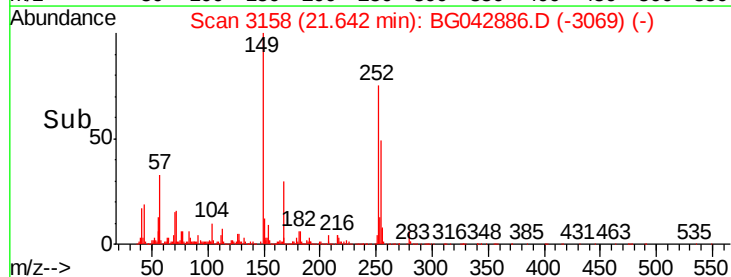
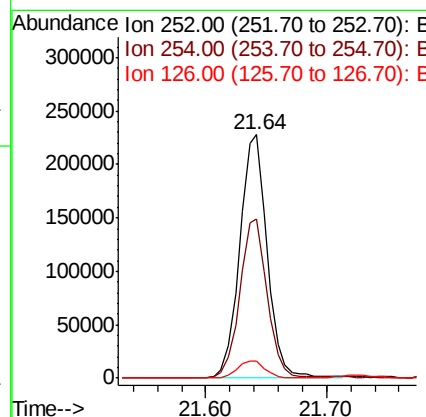
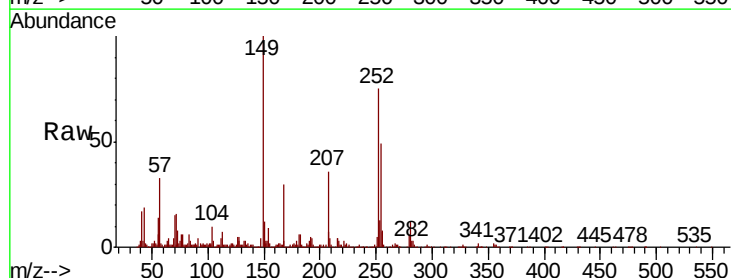
Manual Integrations
APPROVED

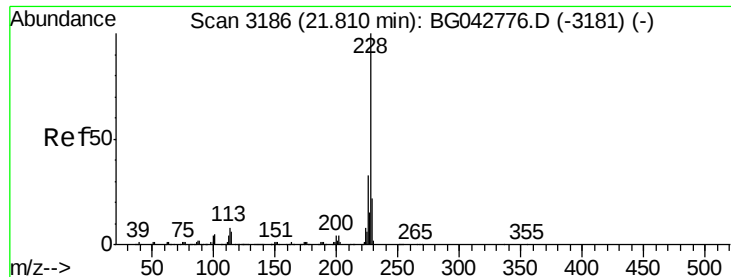
Jagrut
9/19/2019 10:48:02 AM



#82
3,3'-Dichlorobenzidine
Concen: 41.689 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.2	78.2
126	7.0	7.0	10.4





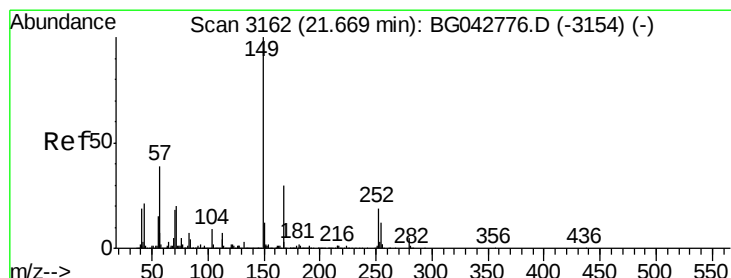
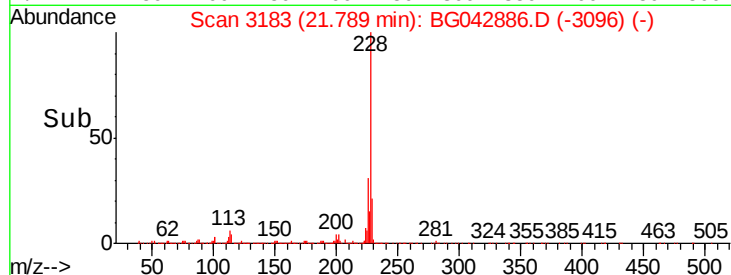
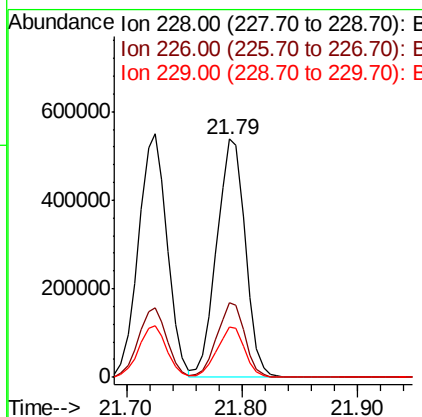
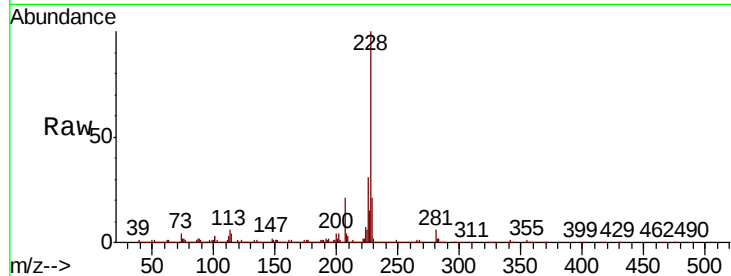
#83
 Chrysene
 Concen: 43.815 ng
 RT: 21.79 min Scan# 3183
 Delta R.T. -0.02 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	228	Resp:	919176
Ion Ratio	Lower	Upper	
228	100		
226	31.3	26.0	39.0
229	21.3	17.1	25.7

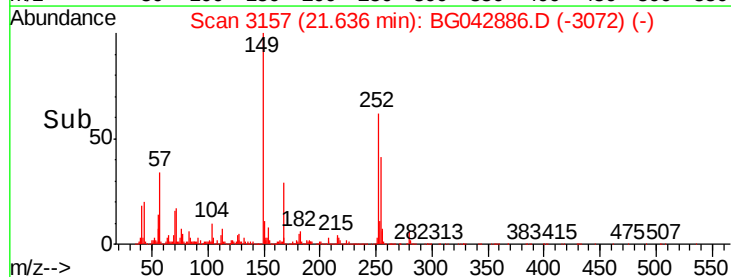
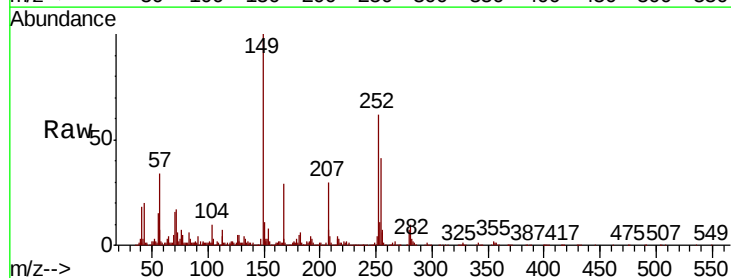
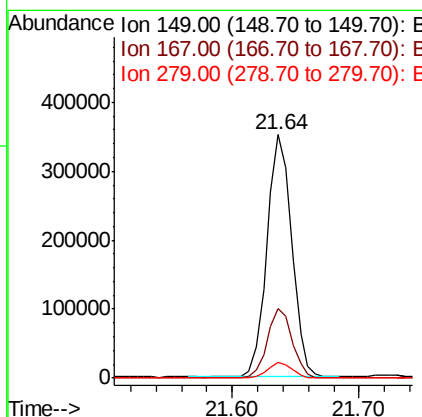
Manual Integrations
 APPROVED

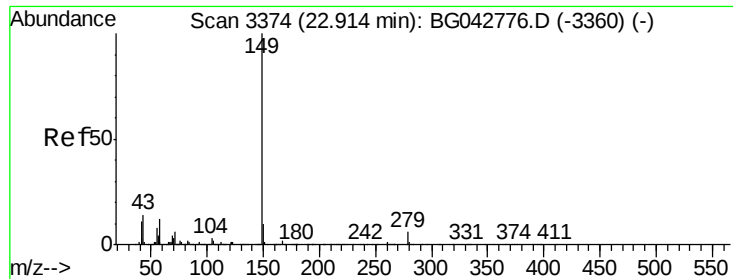
Jagrut
 9/19/2019 10:48:02 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.726 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.03 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion:	149	Resp:	479075
Ion Ratio	Lower	Upper	
149	100		
167	28.8	24.3	36.5
279	6.6	4.2	6.4#





#85

Di-n-octyl phthalate

Concen: 37.085 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.04 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

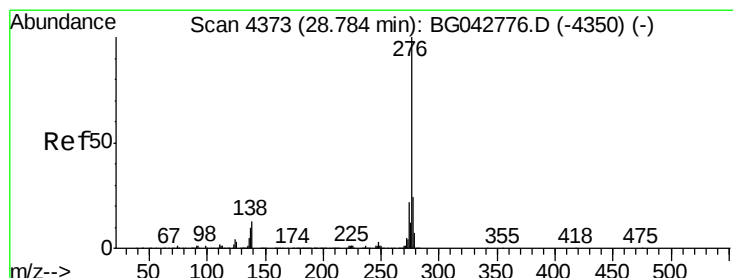
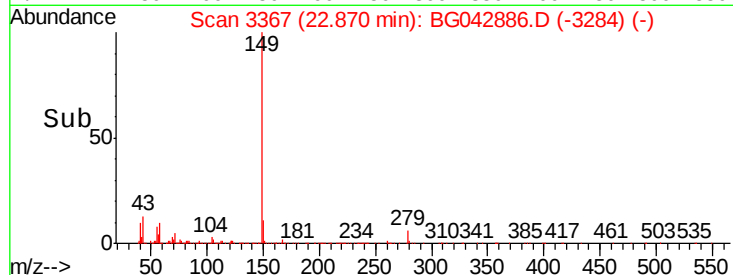
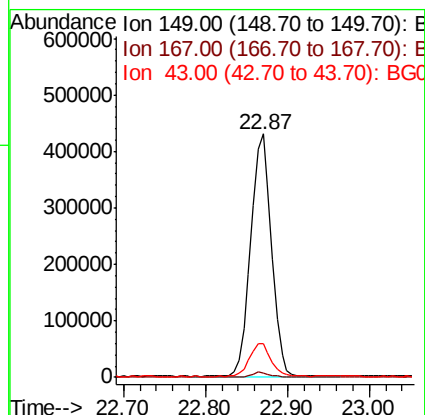
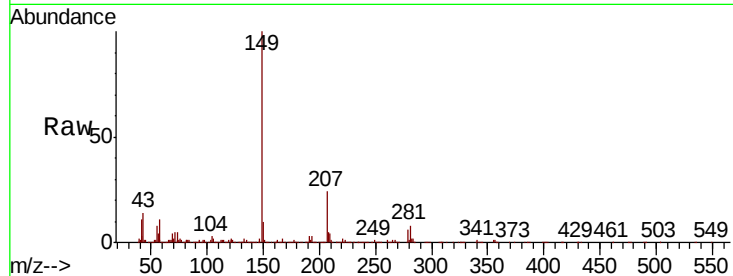
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	762403
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	14.0	10.6	15.8

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.363 ng

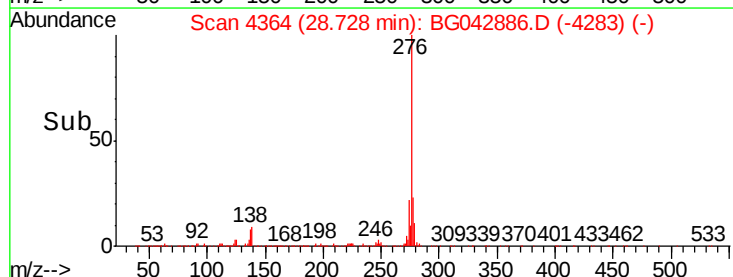
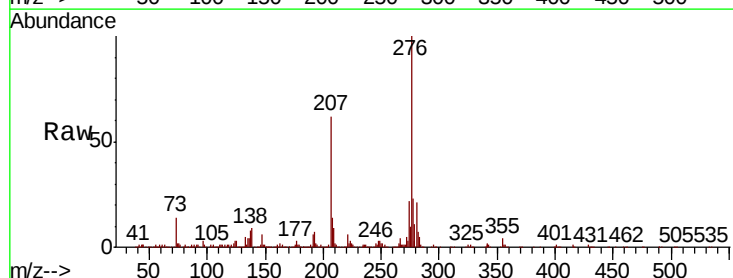
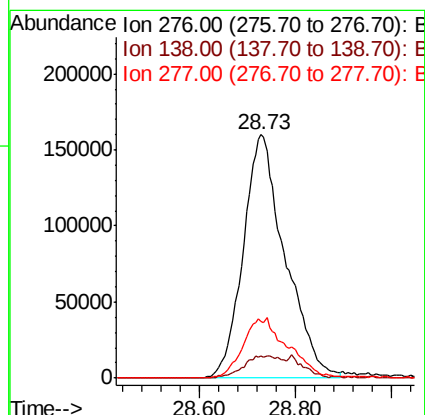
RT: 28.73 min Scan# 4364

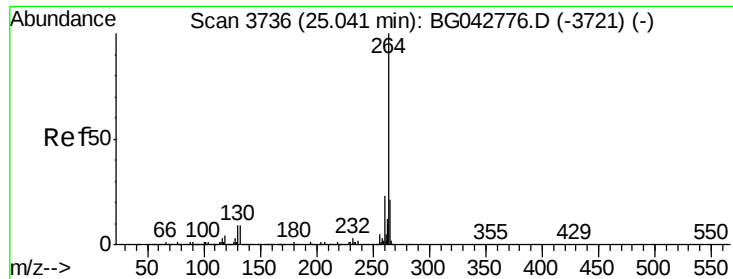
Delta R.T. -0.06 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tgt Ion:	276	Resp:	970665
Ion Ratio	Lower	Upper	
276	100		
138	4.7	9.3	13.9#
277	26.3	17.2	25.8#





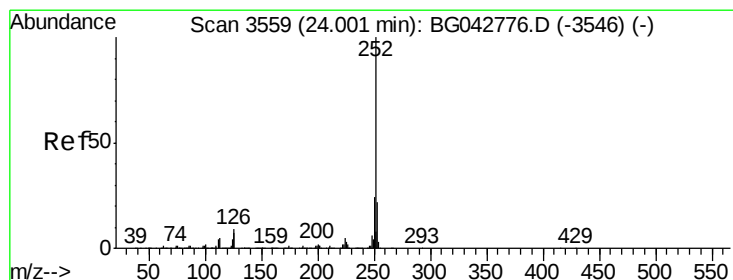
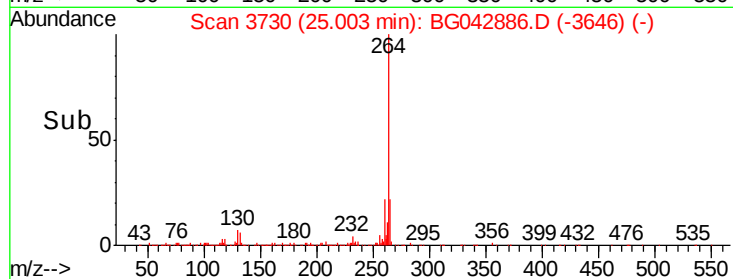
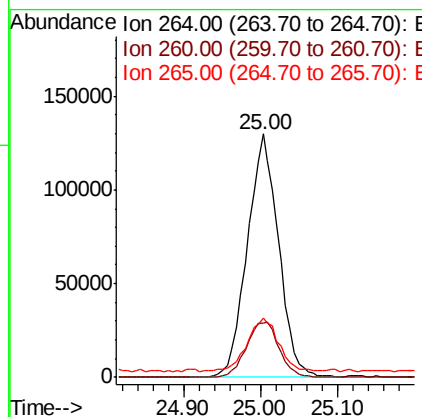
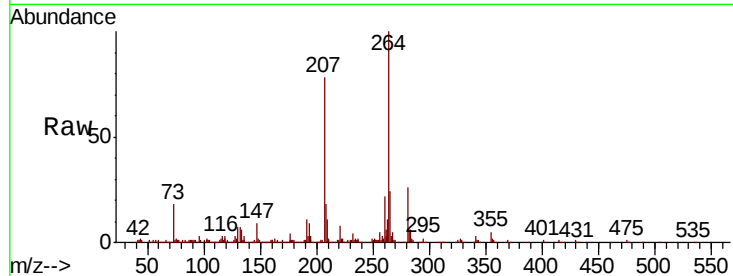
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	22.3	18.2	27.2
265	24.5	16.9	25.3

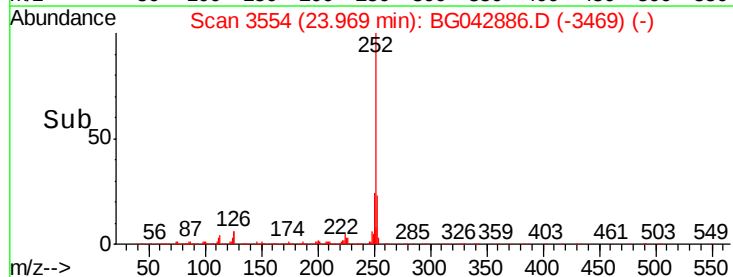
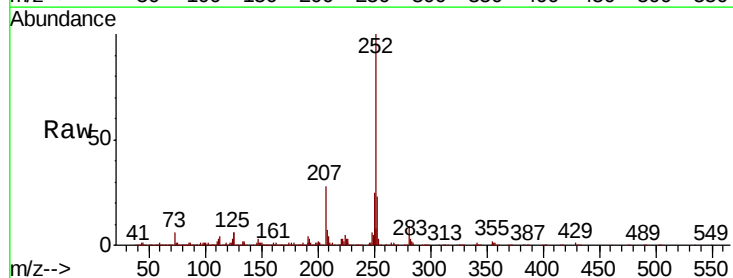
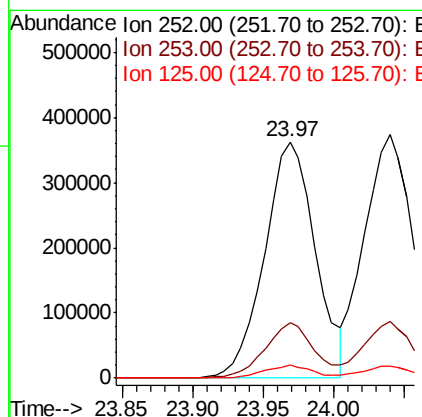
Manual Integrations
APPROVED

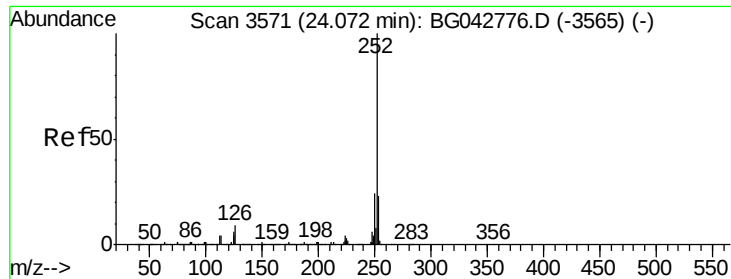
Jagrut
9/19/2019 10:48:02 AM



#88
Benzo(b)fluoranthene
Concen: 41.981 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.03 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	17.9	26.9
125	5.7	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 43.930 ng/mL

RT: 24.04 min Scan# 3566

Delta R.T. -0.03 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

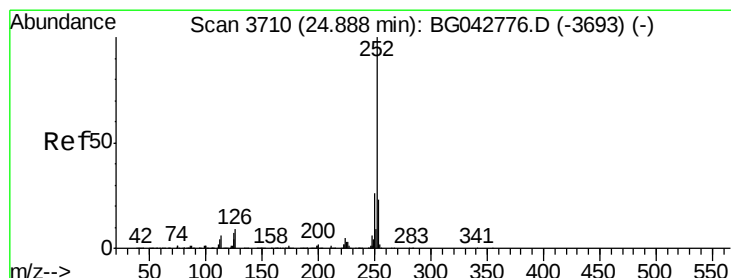
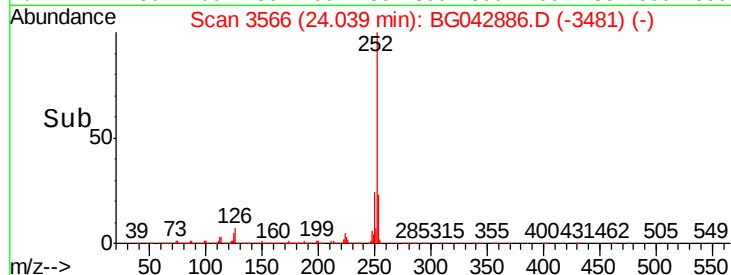
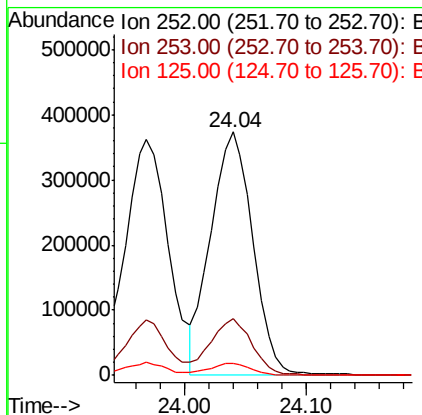
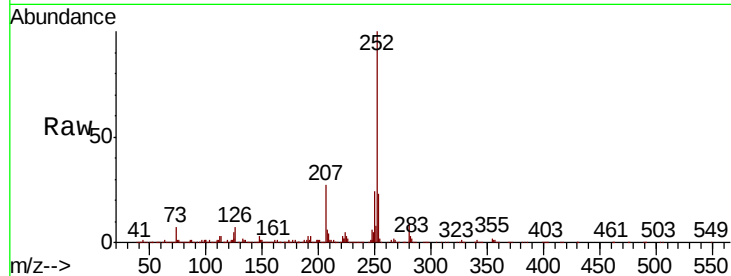
ClientSampleID :

SSTDCCC040

Tot Ion:	252	Resp:	897153
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.2	27.4
125	5.1	5.3	7.9#

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



#90

Benzo(a)pyrene

Concen: 42.488 ng/mL

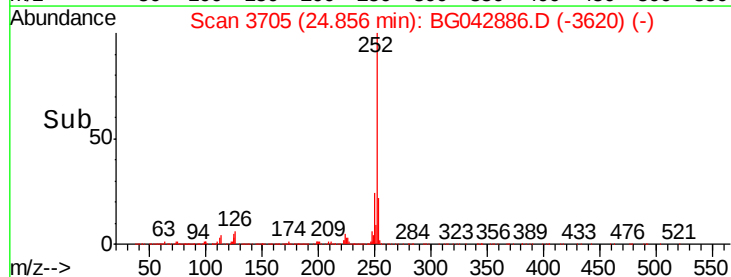
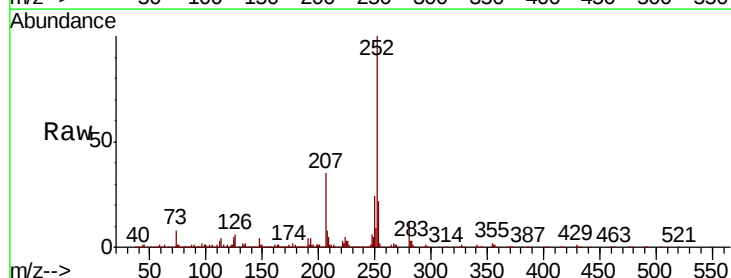
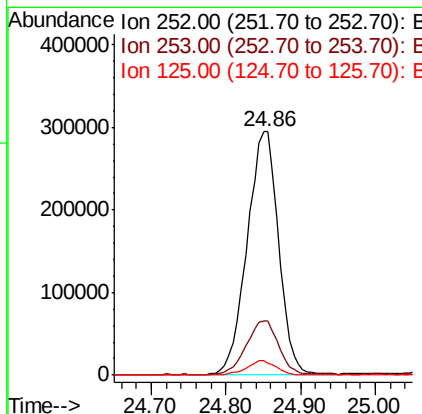
RT: 24.86 min Scan# 3705

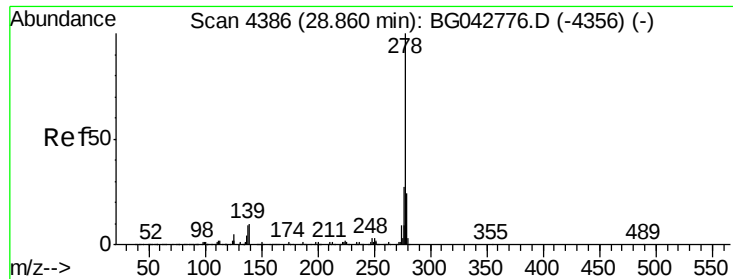
Delta R.T. -0.03 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tgt Ion:	252	Resp:	860129
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	4.9	5.7	8.5#





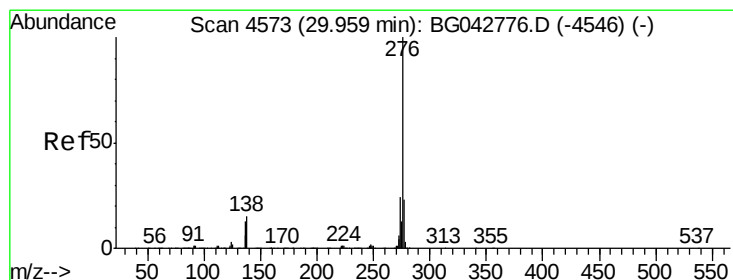
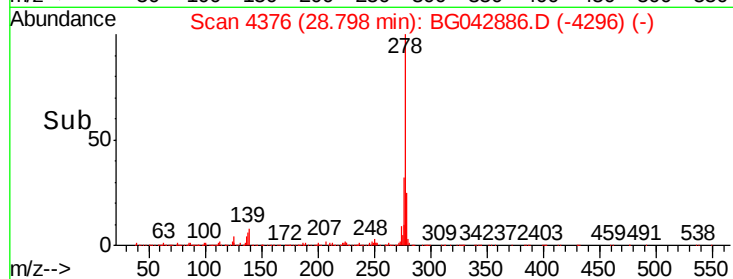
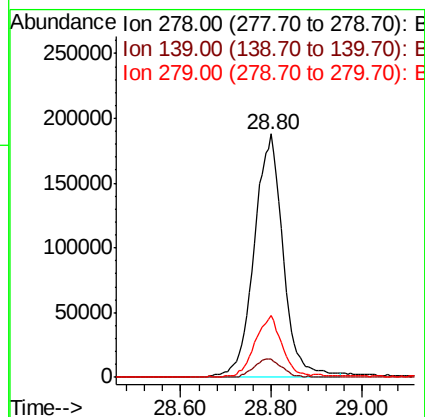
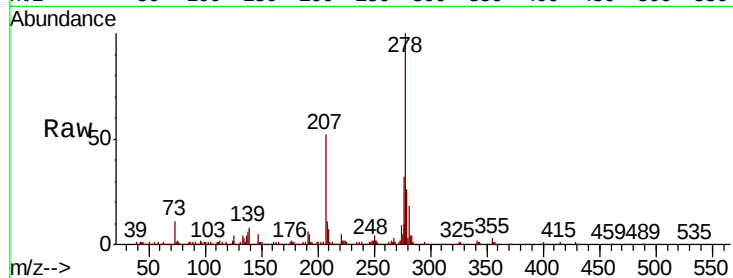
#91
Dibenzo(a,h)anthracene
Concen: 41.802 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.06 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.8	8.2	12.2#
279	25.5	19.4	29.2

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:02 AM



#92
Benzo(g,h,i)perylene
Concen: 38.538 ng
RT: 29.89 min Scan# 4561
Delta R.T. -0.07 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	9.4	11.8	17.8#

