

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040804.D
 Acq On : 9 May 2019 3:17
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 5/9/2019 6:47:33 PM

Quant Time: May 09 05:35:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	57472	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	253675	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	184316	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	458826	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	502116	20.00	ng	-0.02
87) Perylene-d12	25.15	264	473138	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	263074	80.69	ng	-0.01
7) Phenol-d6	7.28	99	411666	82.01	ng	-0.02
23) Nitrobenzene-d5	9.32	82	478715	87.20	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	229480	90.58	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	1035776	81.16	ng	-0.02
79) Terphenyl-d14	20.11	244	1781821	78.62	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	58183	39.240	ng	88
3) Pyridine	3.95	79	175909	40.930	ng	100
4) n-Nitrosodimethylamine	3.87	42	93219	39.105	ng	# 90
6) Aniline	7.46	93	254655	38.272	ng	98
8) 2-Chlorophenol	7.70	128	154054	38.697	ng	96
9) Benzaldehyde	7.28	77	129508	44.296	ng	96
10) Phenol	7.31	94	220190	40.804	ng	96
11) bis(2-Chloroethyl)ether	7.56	93	159310	39.369	ng	96
12) 1,3-Dichlorobenzene	8.03	146	175269	40.336	ng	96
13) 1,4-Dichlorobenzene	8.18	146	178888	40.611	ng	97
14) 1,2-Dichlorobenzene	8.50	146	170245	40.076	ng	94
15) Benzyl Alcohol	8.38	79	198623	38.026	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	275713	34.223	ng	96
17) 2-Methylphenol	8.57	107	149243	39.081	ng	89
18) Hexachloroethane	9.23	117	69421	38.419	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	166602	36.868	ng	94
20) 3+4-Methylphenols	8.90	107	211664	39.787	ng	97
22) Acetophenone	8.97	105	284756	40.368	ng	94
24) Nitrobenzene	9.36	77	249837	42.652	ng	97
25) Isophorone	9.88	82	466730	38.166	ng	100
26) 2-Nitrophenol	10.07	139	104590	49.812	ng	97
27) 2,4-Dimethylphenol	10.11	122	156038	39.608	ng	98
28) bis(2-Chloroethoxy)methane	10.36	93	237664	38.735	ng	99
29) 2,4-Dichlorophenol	10.60	162	192972	43.086	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	209358	42.152	ng	99
31) Naphthalene	11.02	128	541160	40.154	ng	98
32) Benzoic acid	10.24	122	102941m	38.169	ng	
33) 4-Chloroaniline	11.12	127	237695	39.779	ng	99
34) Hexachlorobutadiene	11.28	225	159766	43.571	ng	94
35) Caprolactam	11.92	113	66895	37.831	ng	# 92
36) 4-Chloro-3-methylphenol	12.22	107	237467	42.029	ng	98
37) 2-Methylnaphthalene	12.61	142	410523	40.741	ng	99
38) 1-Methylnaphthalene	12.83	142	400385	40.652	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	295751	43.073	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040804.D
 Acq On : 9 May 2019 3:17
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDC0040

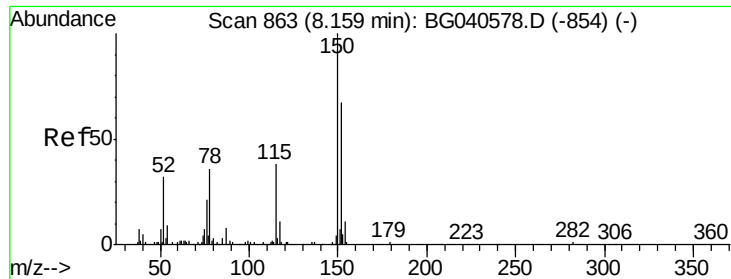
Manual Integrations
 APPROVED

Sohil
 5/9/2019 6:47:33 PM

Quant Time: May 09 05:35:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	140066	34.570	ng	99
43) 2,4,6-Trichlorophenol	13.20	196	181324	43.700	ng	94
44) 2,4,5-Trichlorophenol	13.28	196	196981	43.579	ng	97
46) 1,1'-Biphenyl	13.61	154	559887	39.124	ng	93
47) 2-Chloronaphthalene	13.66	162	453553	40.499	ng	98
48) 2-Nitroaniline	13.86	65	182620	45.810	ng	99
49) Acenaphthylene	14.50	152	744934	39.205	ng	99
50) Dimethylphthalate	14.22	163	611585	39.658	ng	99
51) 2,6-Dinitrotoluene	14.35	165	138970	46.173	ng	90
52) Acenaphthene	14.84	154	433453	39.172	ng	92
53) 3-Nitroaniline	14.68	138	136229	44.175	ng	# 93
54) 2,4-Dinitrophenol	14.88	184	54497	36.304	ng	# 88
55) Dibenzofuran	15.17	168	735697	40.592	ng	100
56) 4-Nitrophenol	14.96	139	95532	35.726	ng	93
57) 2,4-Dinitrotoluene	15.13	165	194991	47.677	ng	93
58) Fluorene	15.81	166	584901	39.927	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	197186	43.342	ng	98
60) Diethylphthalate	15.57	149	630583	38.755	ng	100
61) 4-Chlorophenyl-phenylether	15.80	204	362134	42.504	ng	96
62) 4-Nitroaniline	15.84	138	144205	41.803	ng	92
63) Azobenzene	16.10	77	618683	36.922	ng	96
65) 4,6-Dinitro-2-methylphenol	15.88	198	93746	42.433	ng	90
66) n-Nitrosodiphenylamine	16.02	169	523792	38.802	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	242243	42.377	ng	92
68) Hexachlorobenzene	16.81	284	248075	41.970	ng	98
69) Atrazine	16.96	200	196379	36.718	ng	96
70) Pentachlorophenol	17.15	266	148481	42.929	ng	98
71) Phenanthrene	17.56	178	983661	39.802	ng	99
72) Anthracene	17.65	178	985468	39.671	ng	99
73) Carbazole	17.92	167	863972	38.174	ng	99
74) Di-n-butylphthalate	18.45	149	1022047	37.414	ng	99
75) Fluoranthene	19.56	202	1247697	40.513	ng	99
77) Benzidine	19.74	184	432950	31.491	ng	98
78) Pyrene	19.92	202	1243040	39.499	ng	97
80) Butylbenzylphthalate	20.79	149	464658	37.883	ng	93
81) Benzo(a)anthracene	21.78	228	1245198	39.239	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	428858	37.916	ng	97
83) Chrysene	21.85	228	1212137	40.163	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	645635	36.465	ng	97
85) Di-n-octyl phthalate	22.91	149	1076637	36.106	ng	97
86) Indeno(1,2,3-cd)pyrene	29.00	276	1122436	30.761	ng	# 89
88) Benzo(b)fluoranthene	24.07	252	1190577	41.178	ng	98
89) Benzo(k)fluoranthene	24.15	252	1160319	42.972	ng	99
90) Benzo(a)pyrene	25.00	252	1110378	40.572	ng	99
91) Dibenzo(a,h)anthracene	29.07	278	847088	30.585	ng	98
92) Benzo(g,h,i)perylene	30.22	276	887748	32.207	ng	99

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



#1

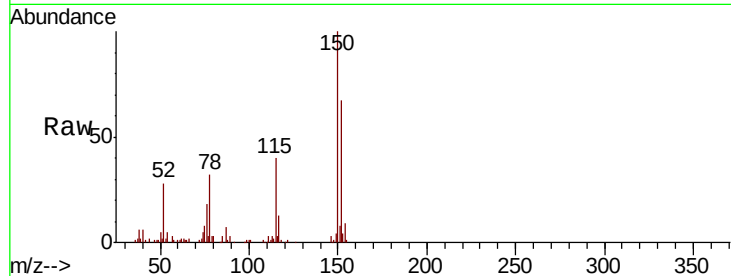
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	120.2	180.2
115	59.7	46.2	69.2

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM

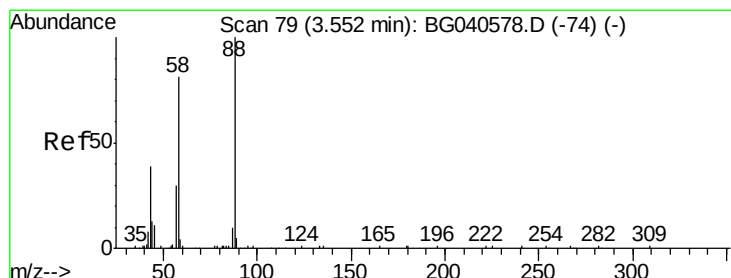
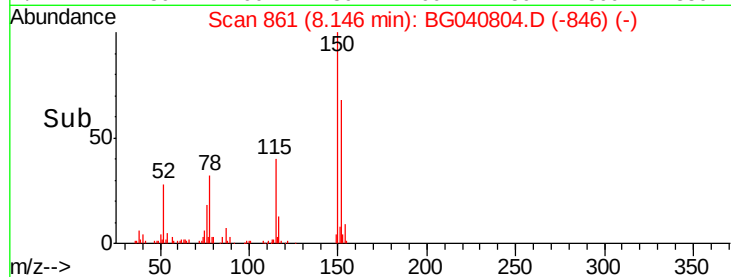
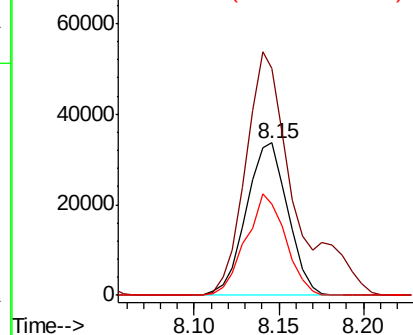


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

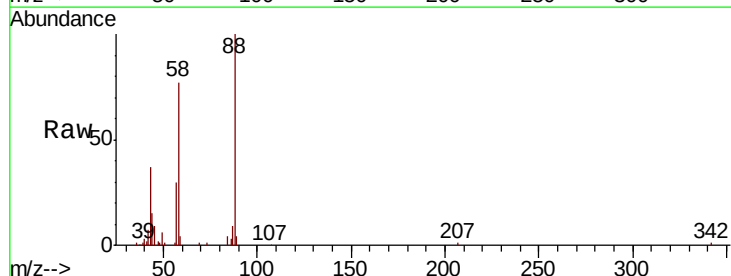
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.240 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.9	71.2	106.8
43	36.4	35.6	53.4

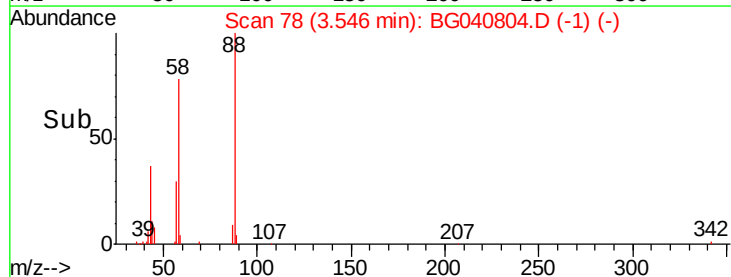
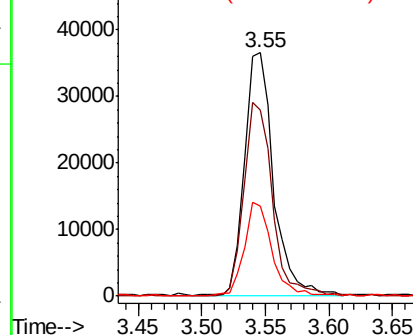


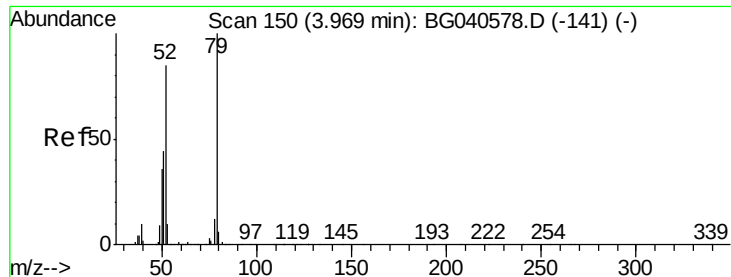
Abundance

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: 40.930 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Instrument :

BNA_G

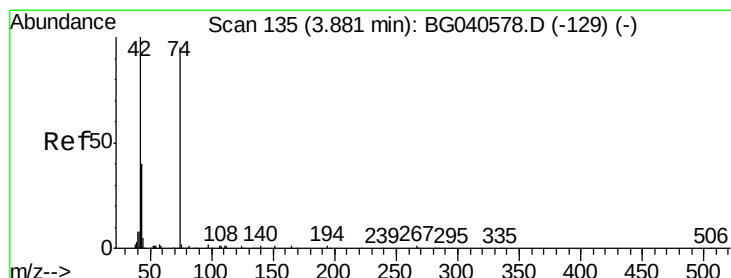
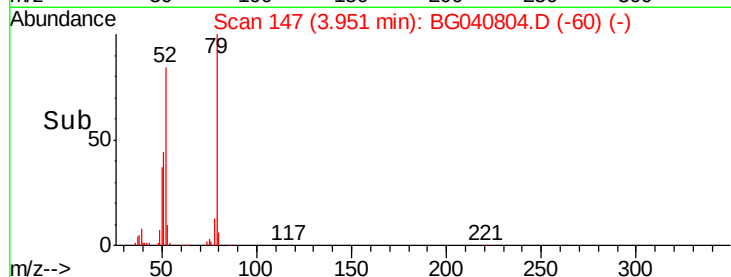
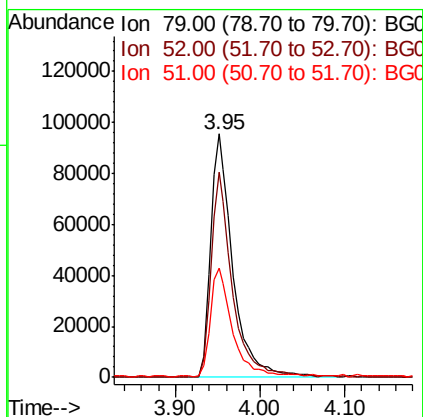
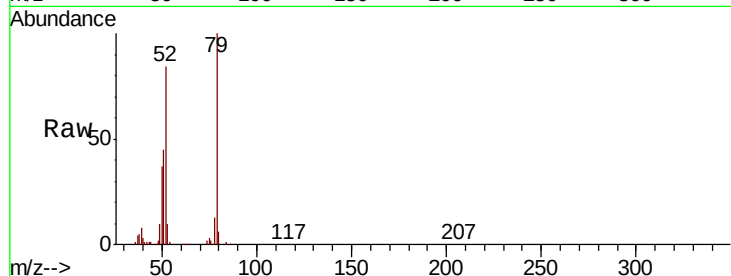
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	175909
Ion	Ratio	Lower	Upper
79	100		
52	84.2	67.5	101.3
51	45.1	35.6	53.4

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM



#4

n-Nitrosodimethylamine

Concen: 39.105 ng

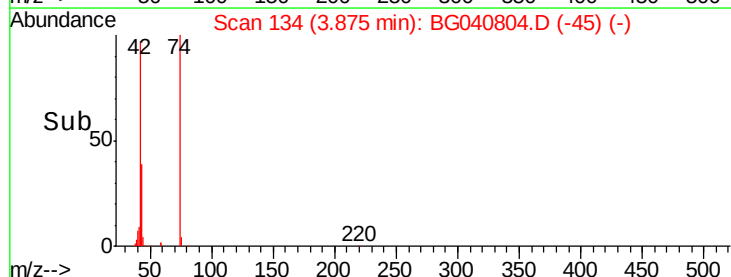
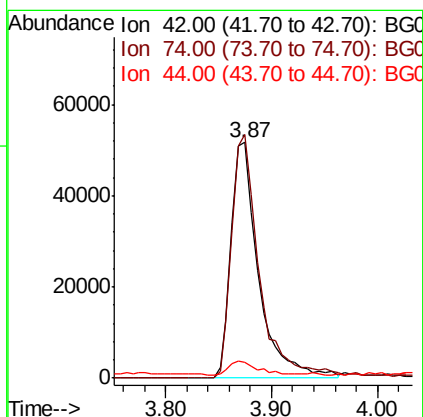
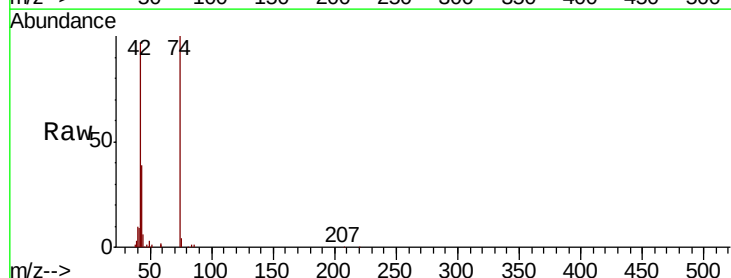
RT: 3.87 min Scan# 134

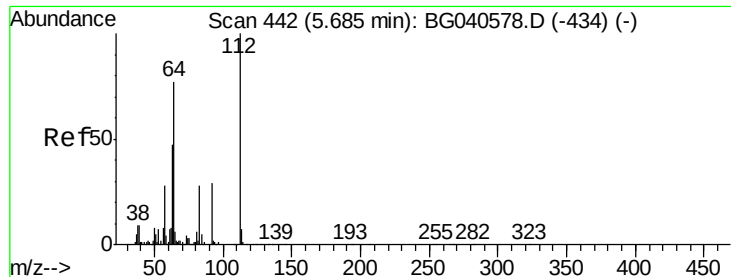
Delta R.T. -0.01 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Tgt Ion:	42	Resp:	93219
Ion	Ratio	Lower	Upper
42	100		
74	103.2	74.6	111.8
44	6.5	7.4	11.0#





#5

2-Fluorophenol

Concen: 80.689 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Instrument :

BNA_G

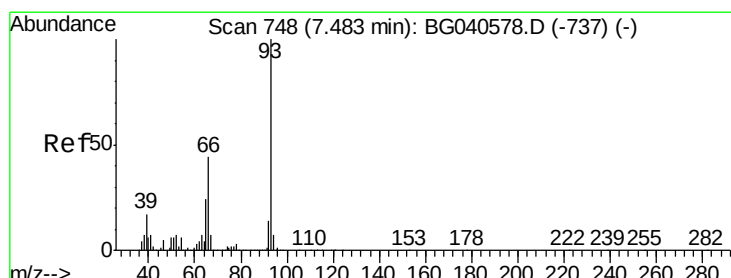
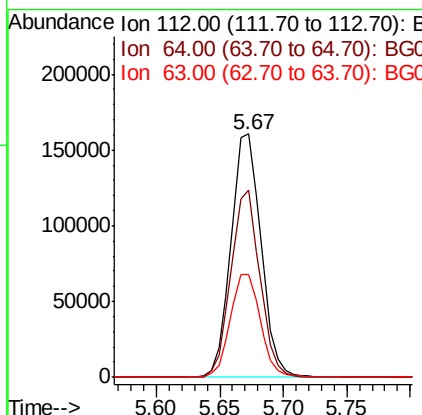
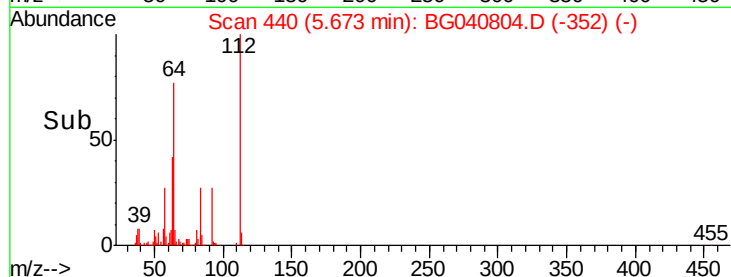
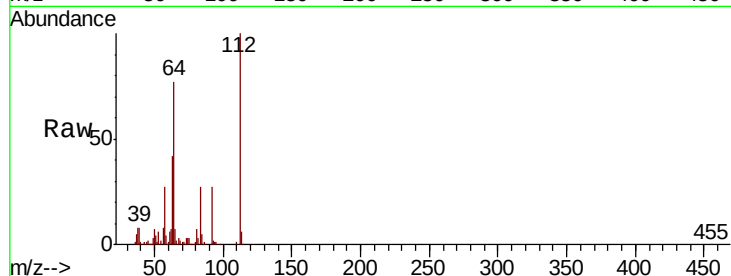
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	263074
Ion Ratio	Lower	Upper	
112	100		
64	77.2	61.4	92.0
63	42.4	37.8	56.6

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM



#6

Aniline

Concen: 38.272 ng

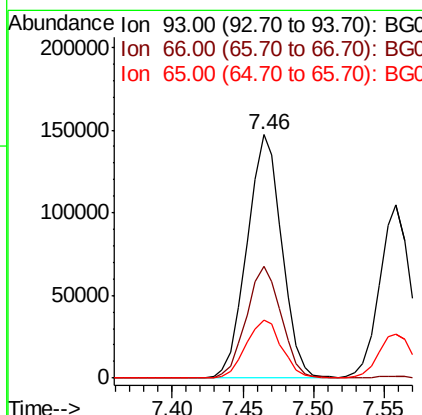
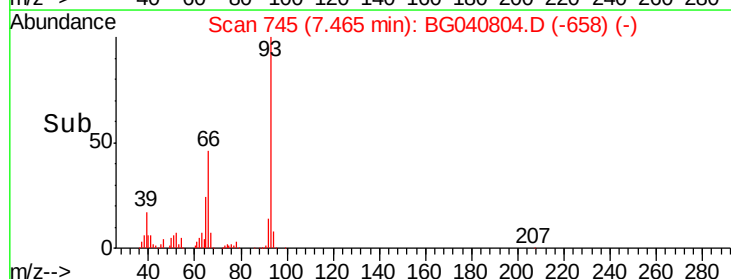
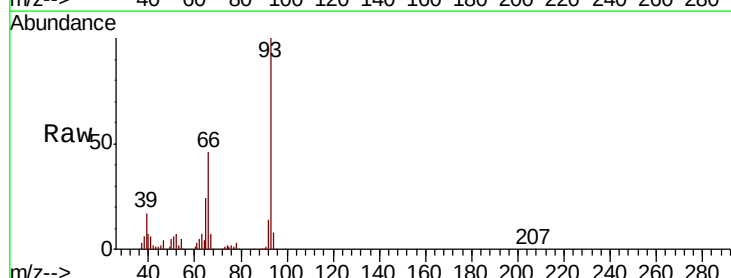
RT: 7.46 min Scan# 745

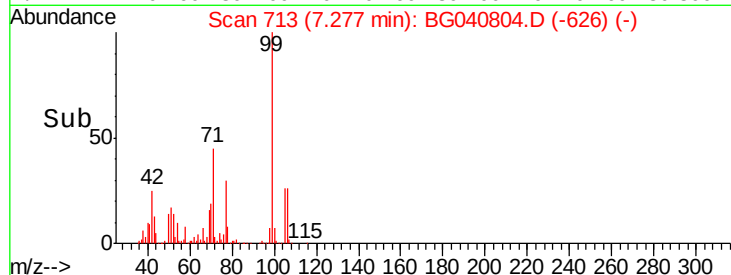
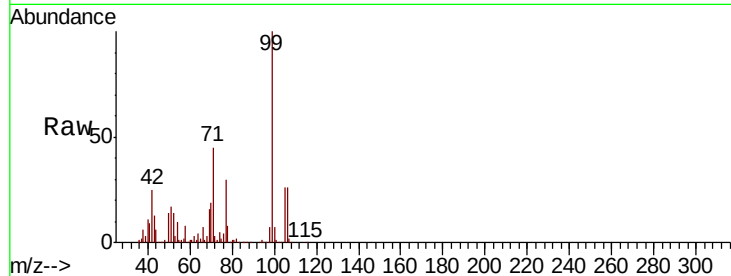
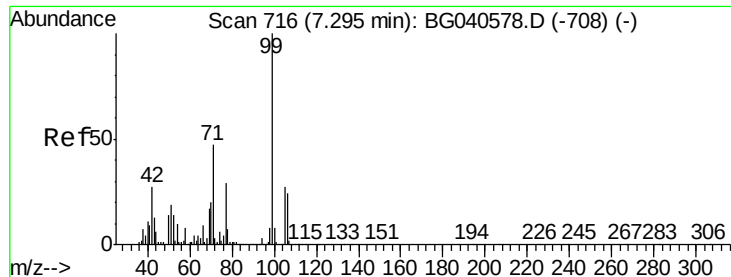
Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Tgt Ion:	93	Resp:	254655
Ion Ratio	Lower	Upper	
93	100		
66	46.1	35.5	53.3
65	24.0	19.2	28.8





#7

Phenol-d6

Concen: 82.005 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Tot Ion:	99	Resp:	411666
Ion Ratio	Lower	Upper	
99	100		
42	25.0	21.8	32.8
71	44.8	38.6	57.8

Instrument :

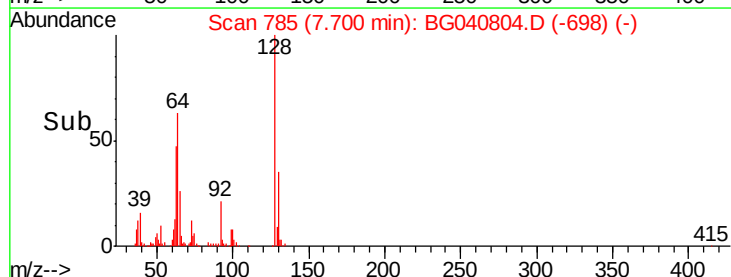
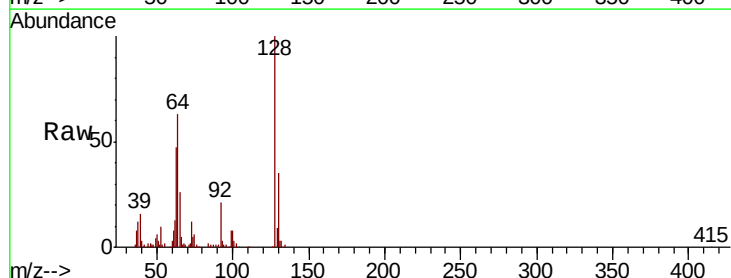
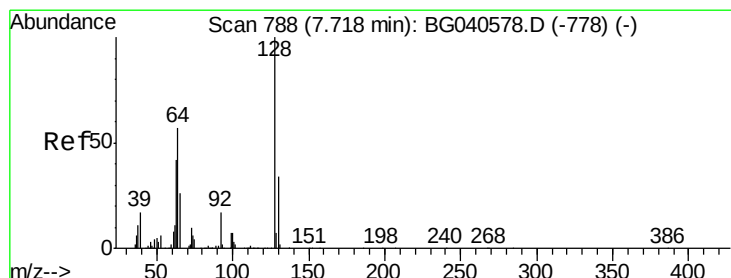
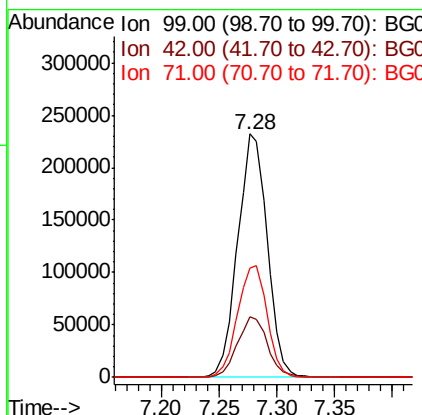
BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM



#8

2-Chlorophenol

Concen: 38.697 ng

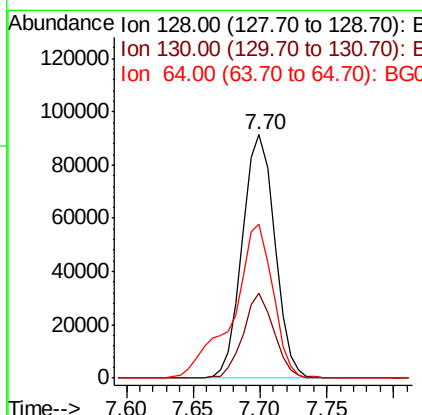
RT: 7.70 min Scan# 785

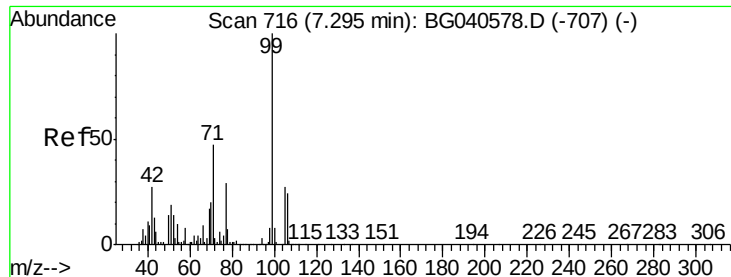
Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Tgt Ion:	128	Resp:	154054
Ion Ratio	Lower	Upper	
128	100		
130	35.0	14.5	54.5
64	63.2	38.4	78.4





#9

Benzaldehyde

Concen: 44.296 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Instrument :

BNA_G

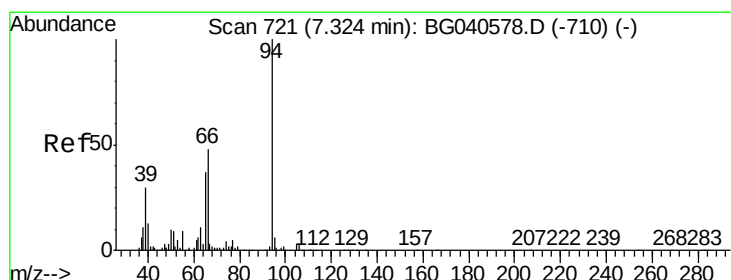
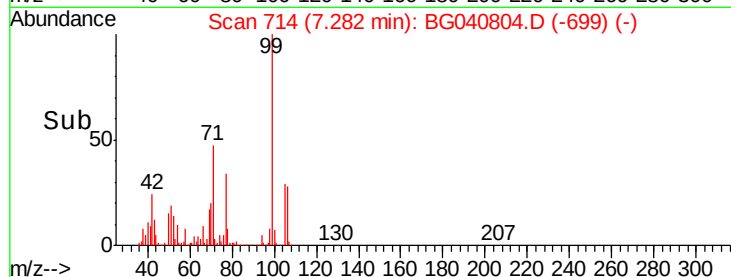
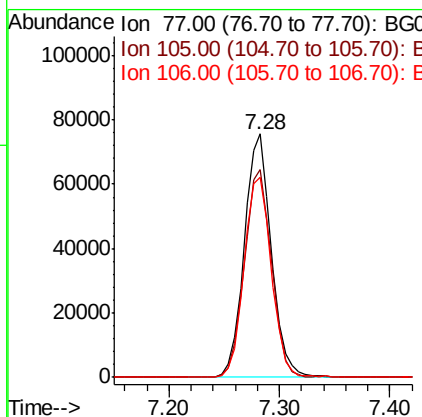
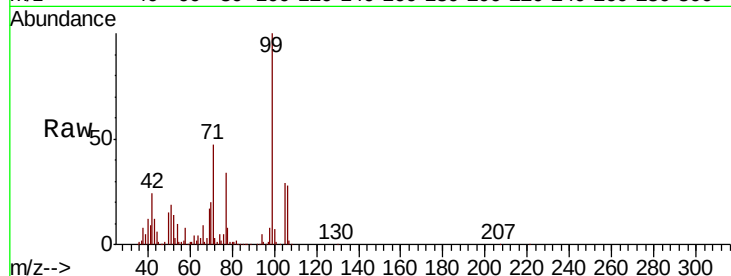
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	129508
Ion	Ratio	Lower	Upper
77	100		
105	85.1	72.0	112.0
106	82.2	61.2	101.2

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM



#10

Phenol

Concen: 40.804 ng

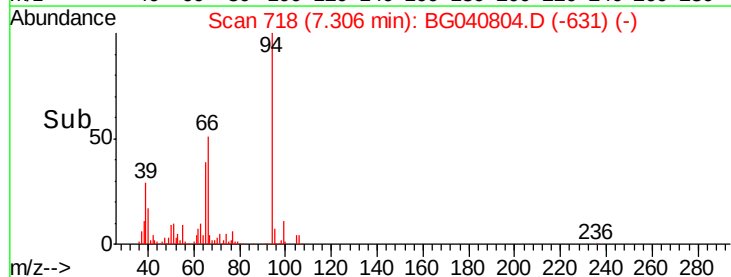
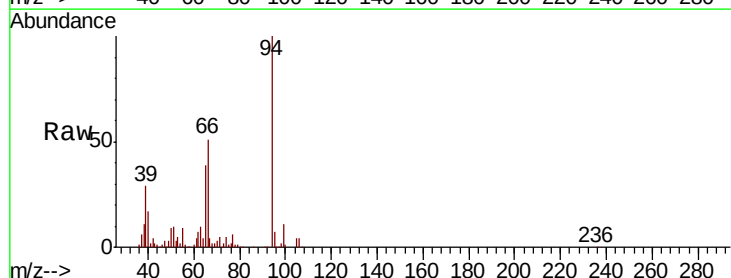
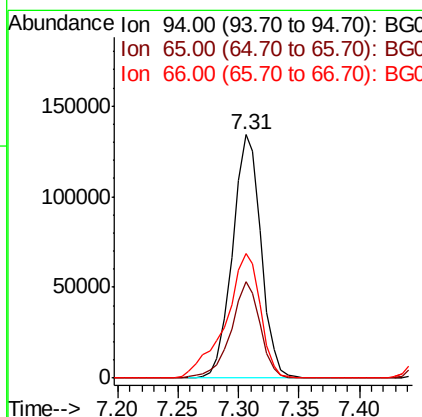
RT: 7.31 min Scan# 718

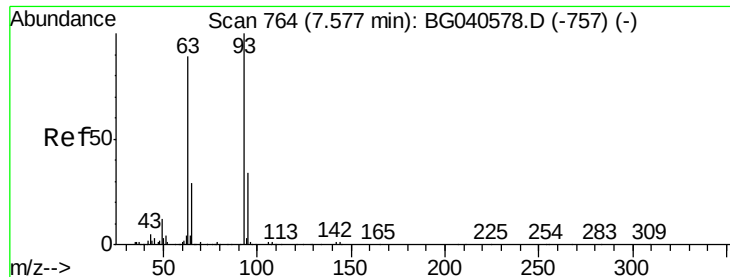
Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Tgt Ion:	94	Resp:	220190
Ion	Ratio	Lower	Upper
94	100		
65	39.5	17.0	57.0
66	51.1	28.6	68.6





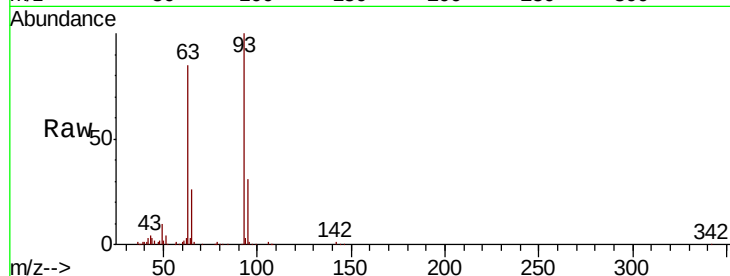
#11
bis(2-Chloroethyl)ether
Concen: 39.369 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.3	68.2	108.2
95	31.5	14.3	54.3

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM

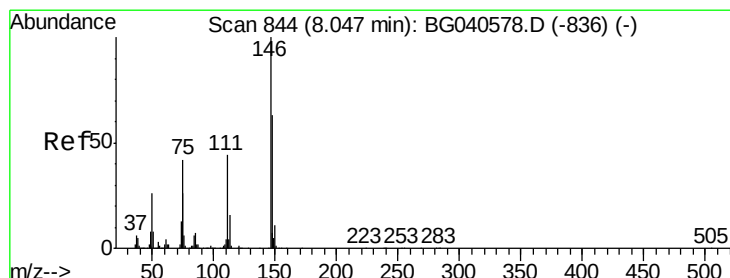
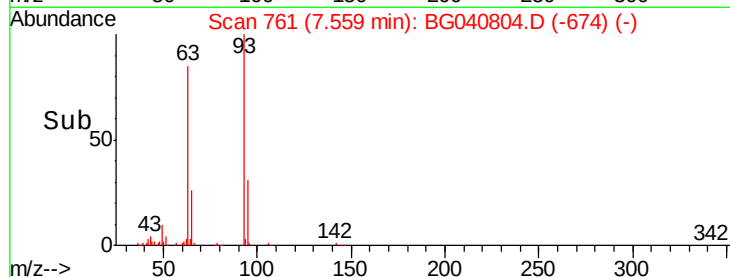
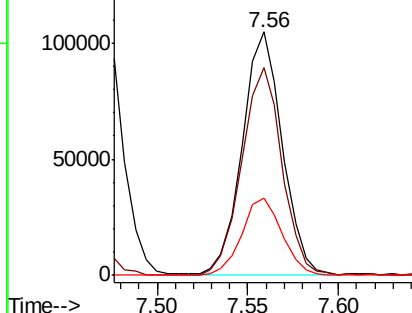


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 40.336 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

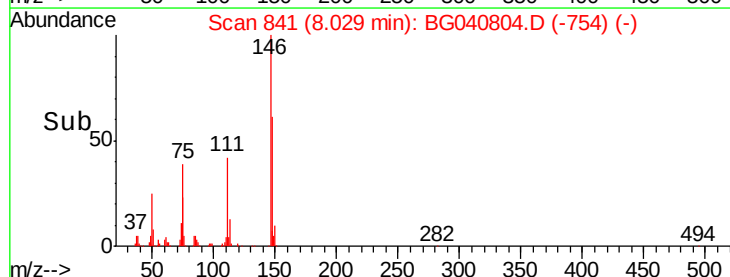
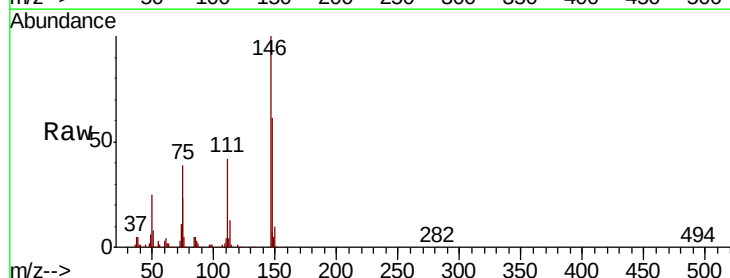
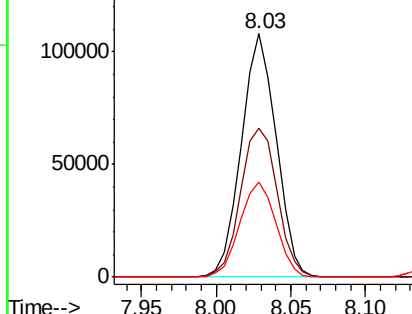
Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.7	76.1
75	39.0	33.4	50.2

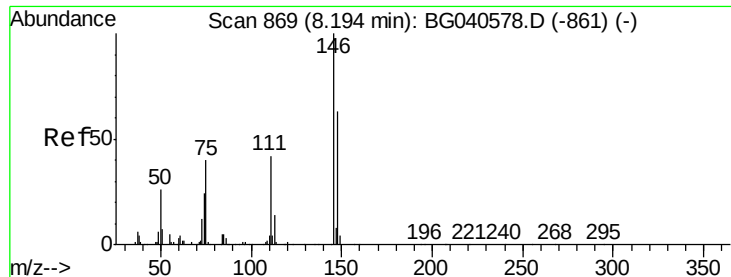
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





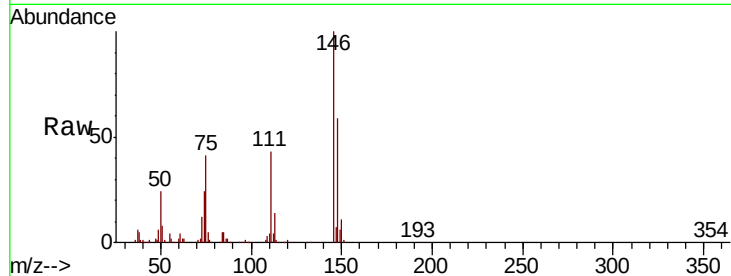
#13
 1,4-Dichlorobenzene
 Concen: 40.611 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040804.D
 Acq: 9 May 2019 3:17

Instrument :
 BNA_G
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.4	50.6	75.8
111	42.6	34.3	51.5

Manual Integrations
 APPROVED

Sohil
 5/9/2019 6:47:33 PM

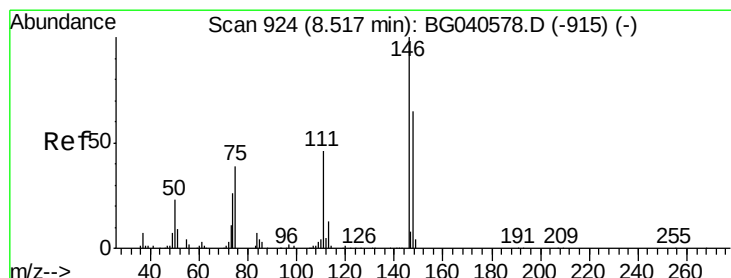
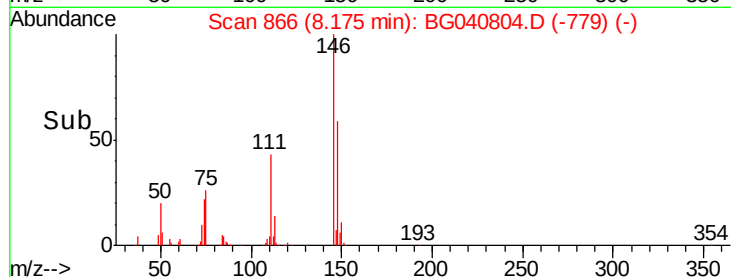
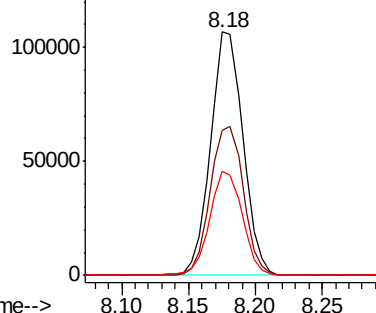


Abundance

Ion 146.00 (145.70 to 146.70): E

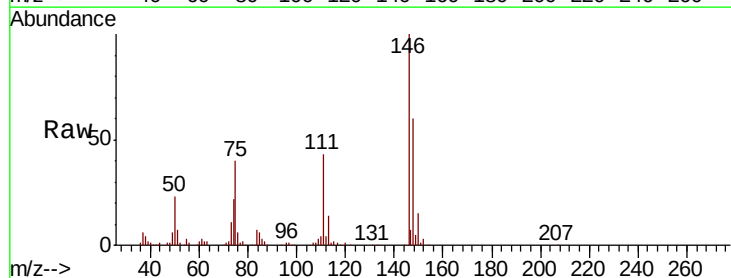
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.076 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040804.D
 Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.4	52.2	78.4
111	42.9	37.4	56.0

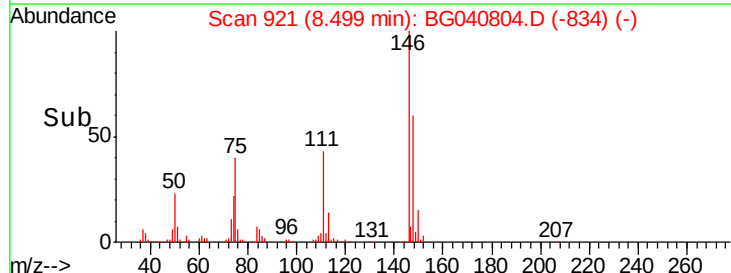
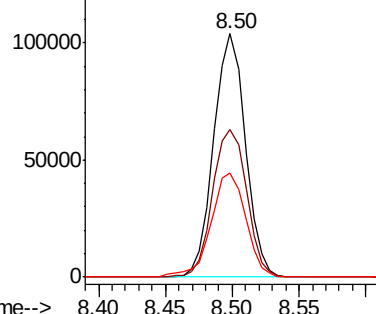


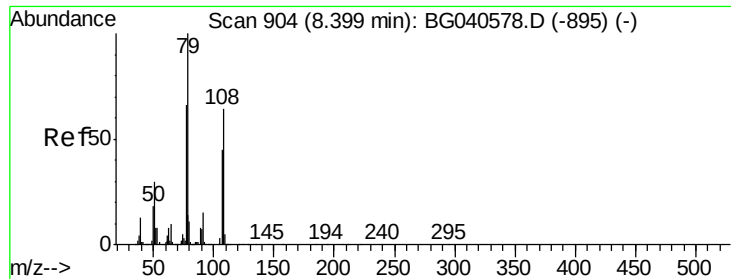
Abundance

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: 38.026 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Instrument :

BNA_G

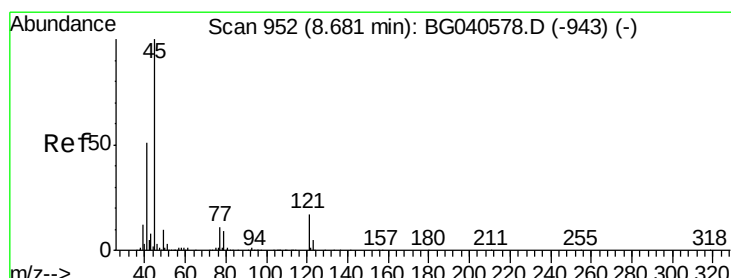
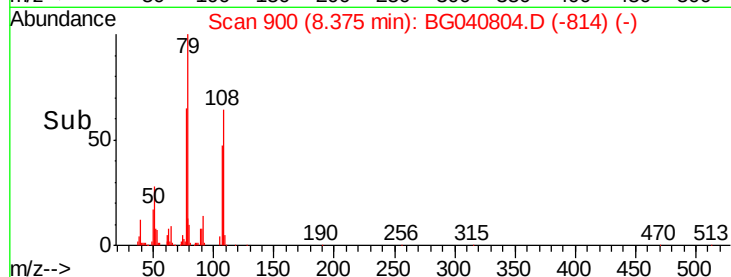
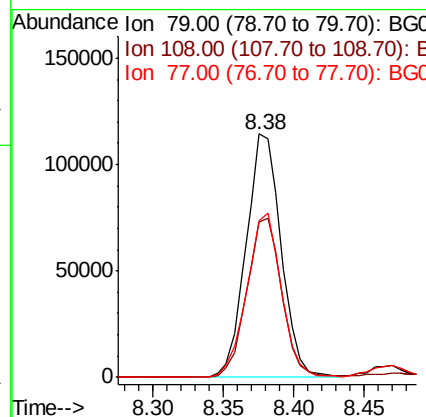
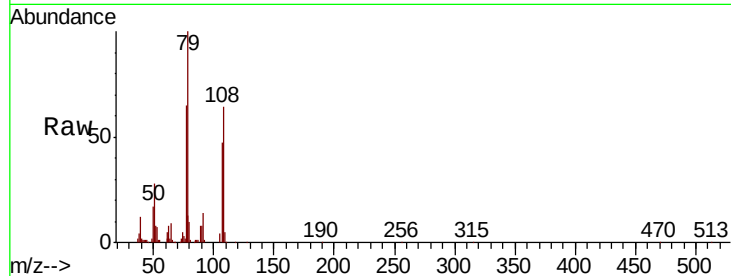
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	198623
Ion Ratio	Lower	Upper	
79	100		
108	64.0	51.4	77.0
77	64.5	52.6	79.0

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.223 ng

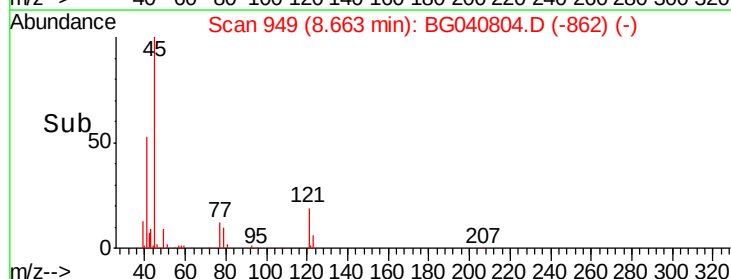
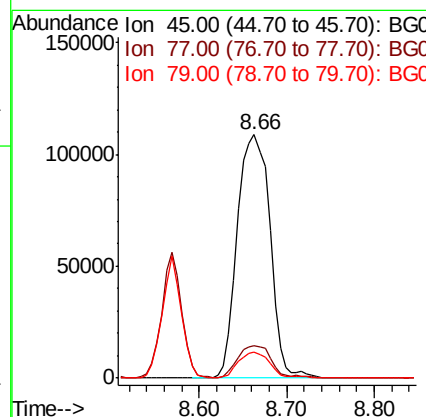
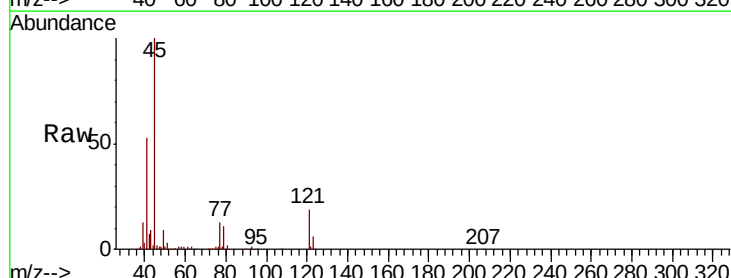
RT: 8.66 min Scan# 949

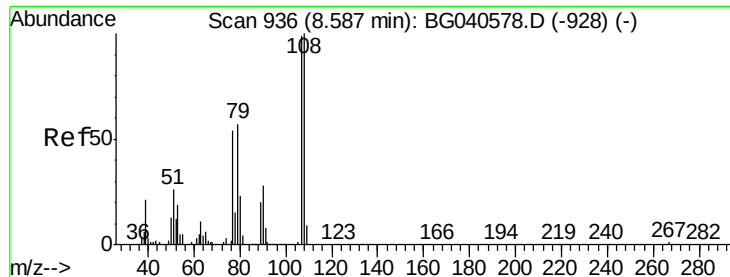
Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Tgt Ion:	45	Resp:	275713
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	31.5
79	10.9	0.0	29.4





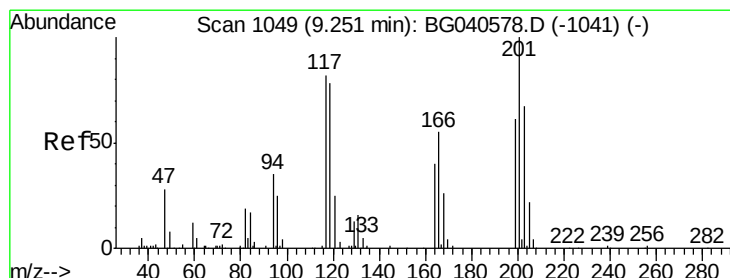
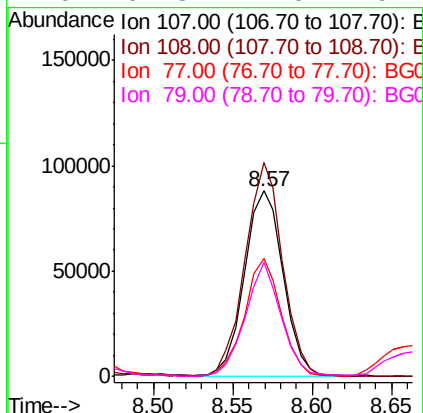
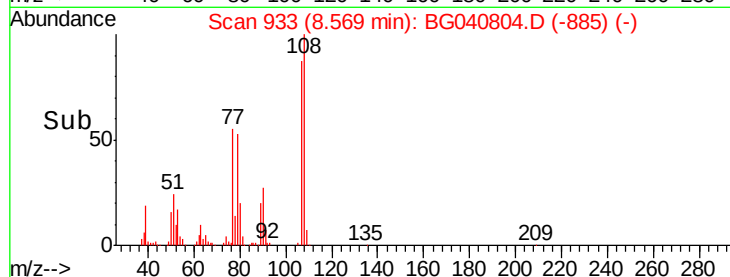
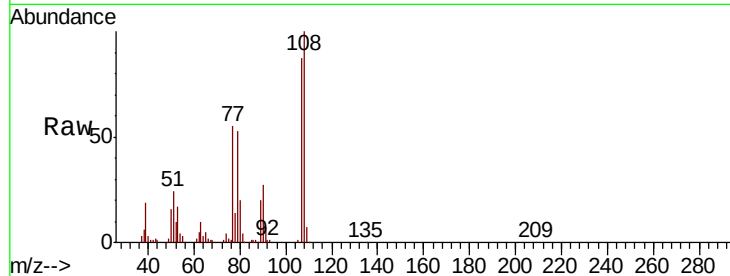
#17
2-Methylphenol
Concen: 39.081 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.4	81.2	121.8	
77	63.7	44.4	66.6	
79	61.8	47.0	70.4	

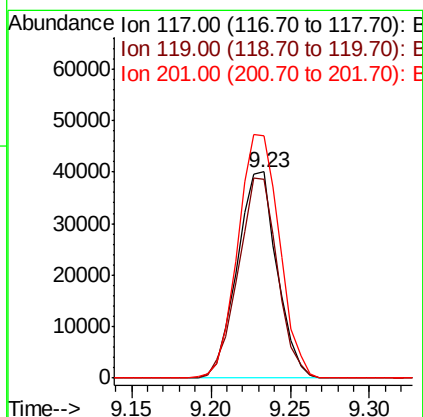
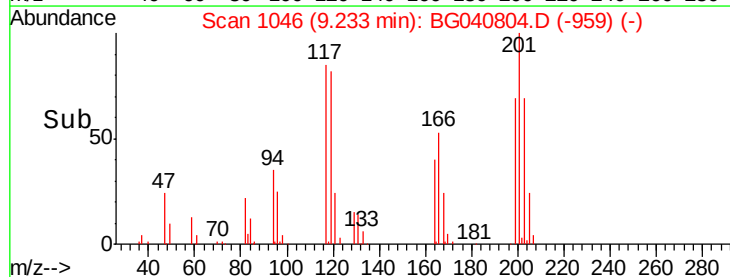
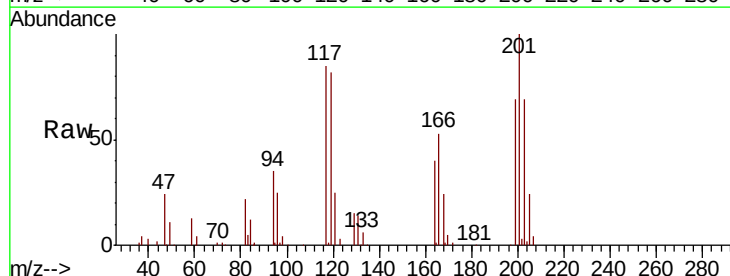
Manual Integrations
APPROVED

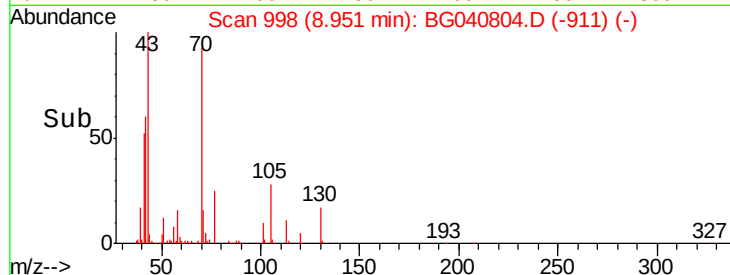
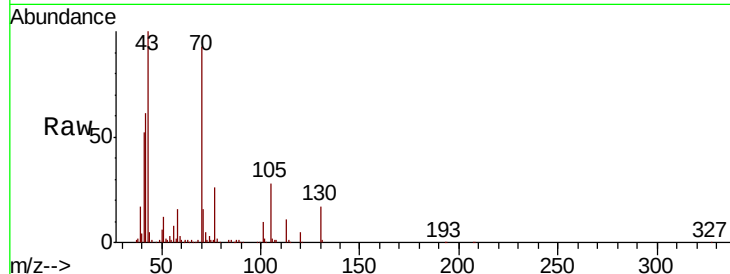
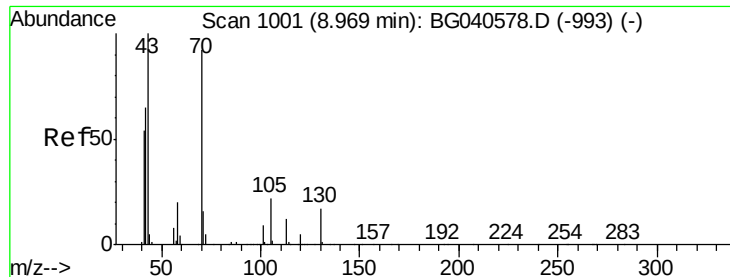
Sohil
5/9/2019 6:47:33 PM



#18
Hexachloroethane
Concen: 38.419 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	76.6	114.8	
201	117.6	101.0	151.6	





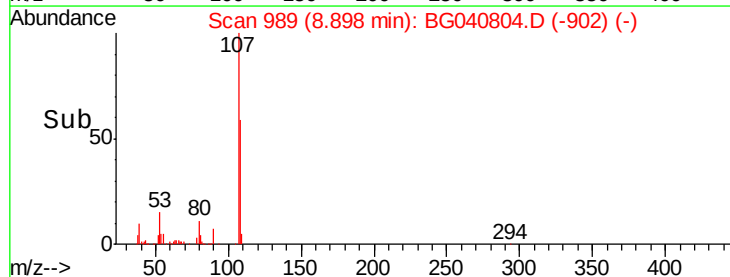
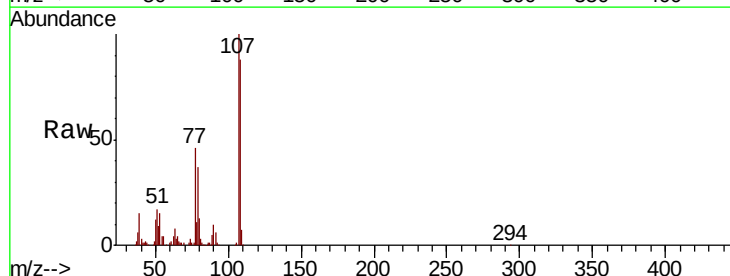
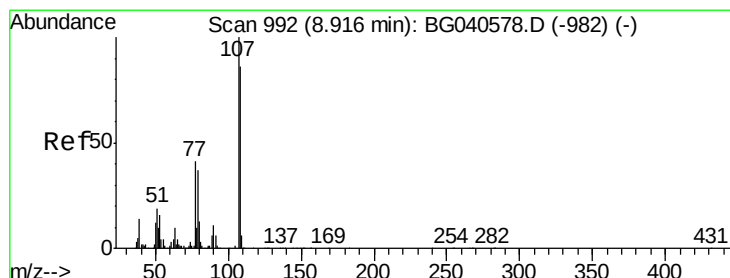
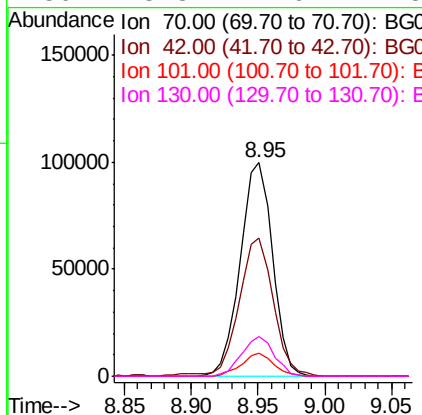
#19
n-Nitroso-di-n-propylamine
Concen: 36.868 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.9	57.1	85.7	
101	10.6	7.8	11.8	
130	18.8	14.6	21.8	

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

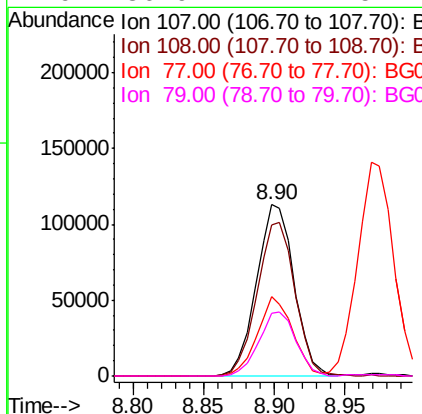
Manual Integrations
APPROVED

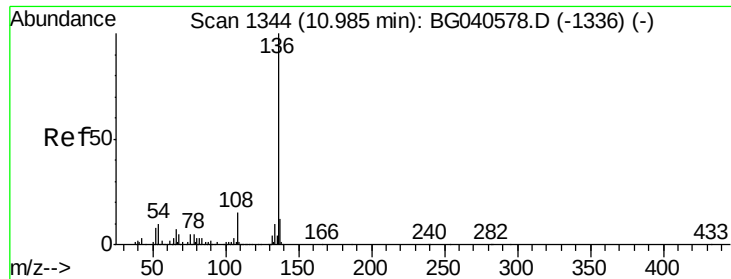
Sohil
5/9/2019 6:47:33 PM



#20
3+4-Methylphenols
Concen: 39.787 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	66.1	106.1	
77	46.4	21.6	61.6	
79	36.9	17.4	57.4	





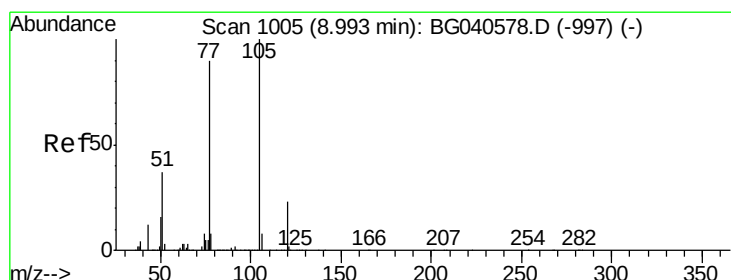
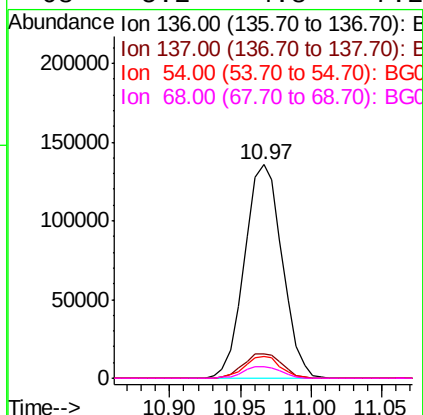
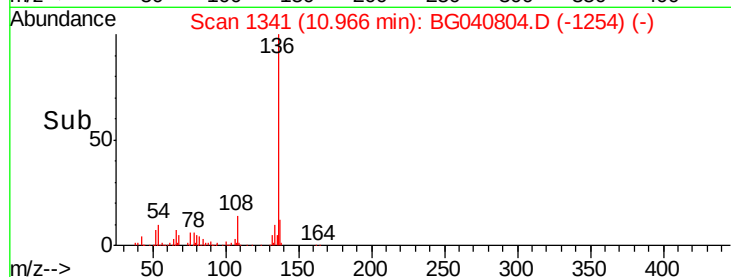
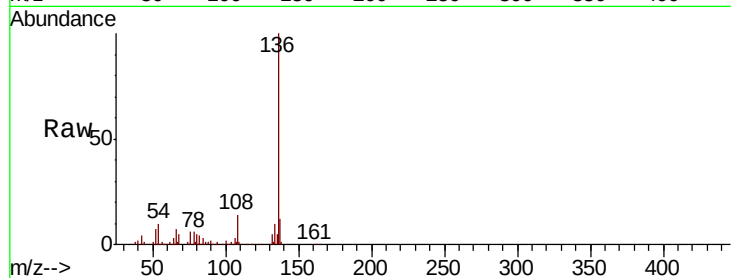
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	253675		
137	11.6		9.7	14.5
54	10.3		8.6	12.8
68	5.2		4.8	7.2

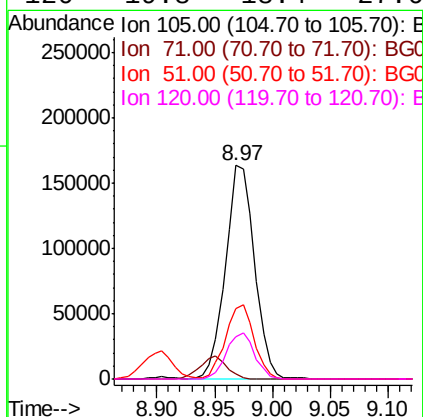
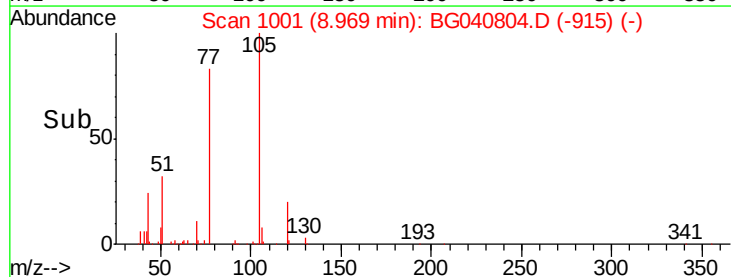
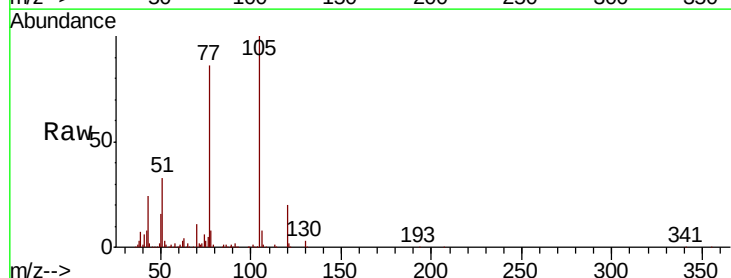
Manual Integrations
APPROVED

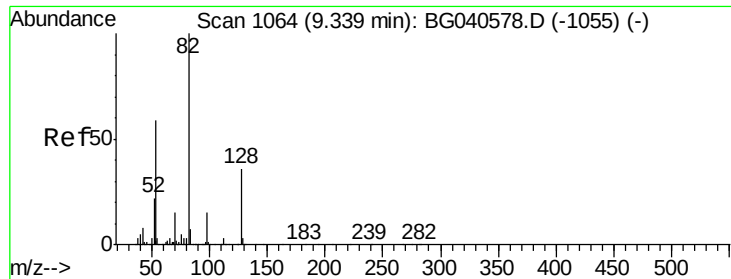
Sohil
5/9/2019 6:47:33 PM



#22
Acetophenone
Concen: 40.368 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	284756		
71	2.3		1.8	2.8
51	33.3		29.8	44.8
120	19.8		18.4	27.6





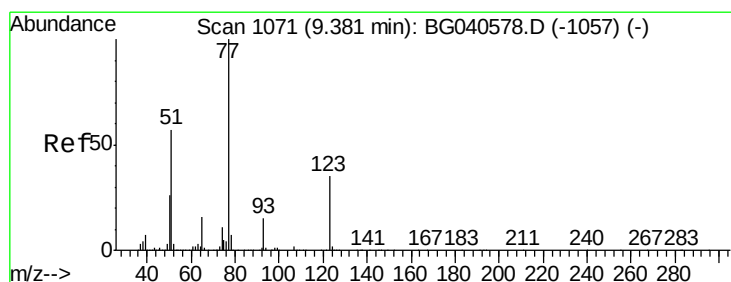
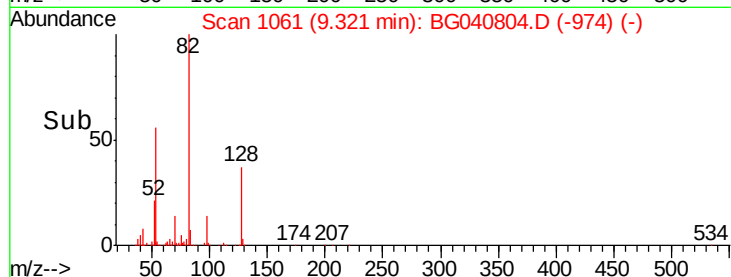
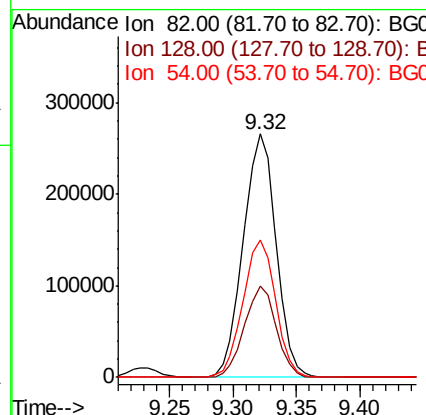
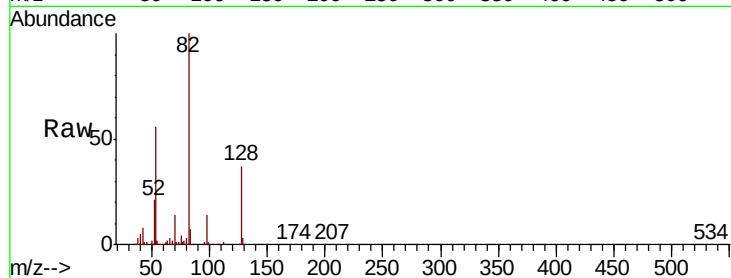
#23
Nitrobenzene-d5
Concen: 87.197 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.3	28.9	43.3
54	56.3	47.2	70.8

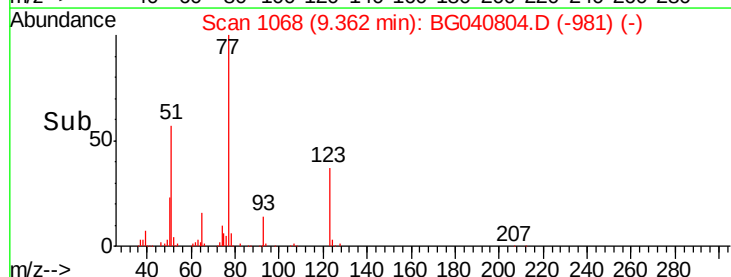
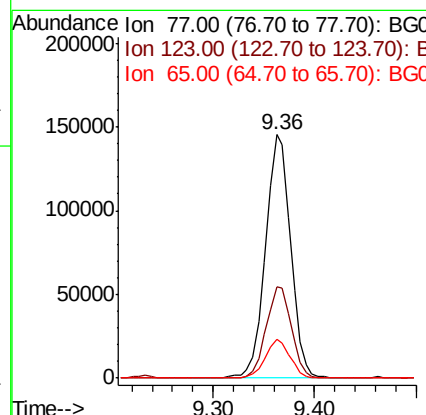
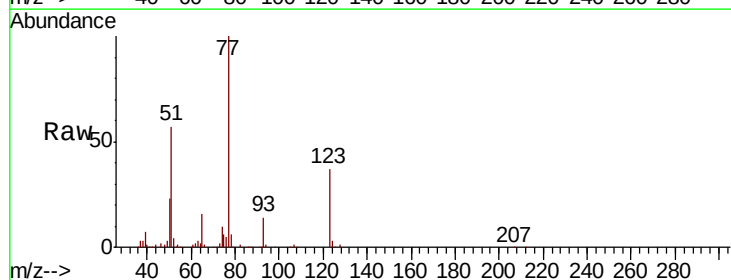
Manual Integrations
APPROVED

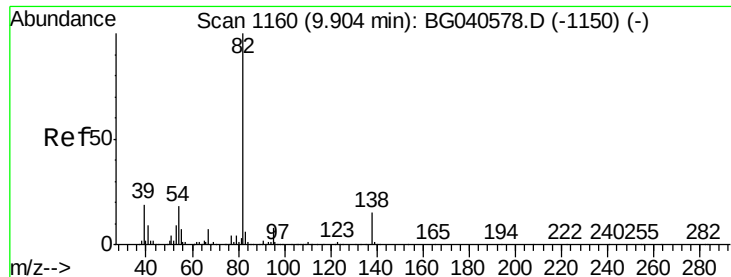
Sohil
5/9/2019 6:47:33 PM



#24
Nitrobenzene
Concen: 42.652 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.4	27.8	41.6
65	15.7	12.4	18.6





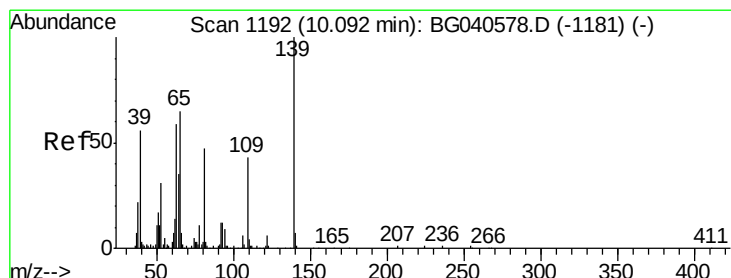
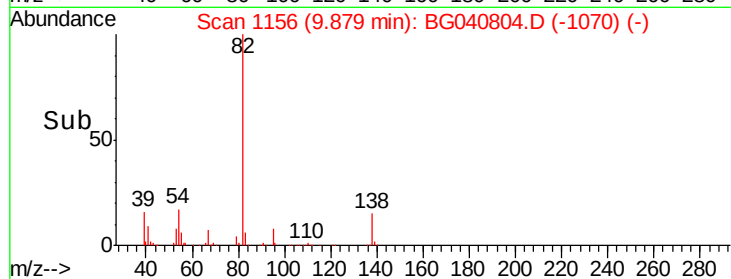
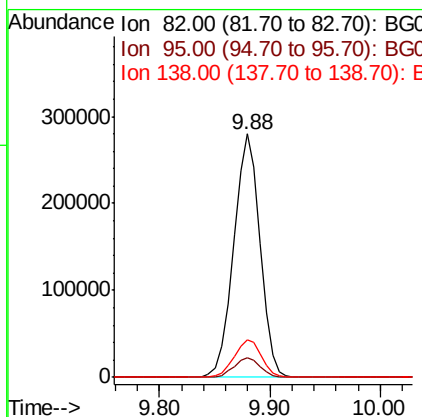
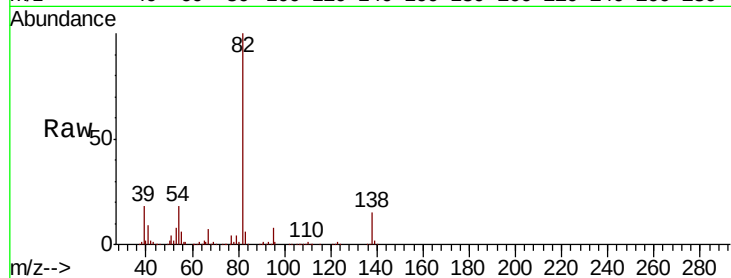
#25
Isophorone
Concen: 38.166 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	466730		
95	8.2		6.9	10.3
138	15.3		12.3	18.5

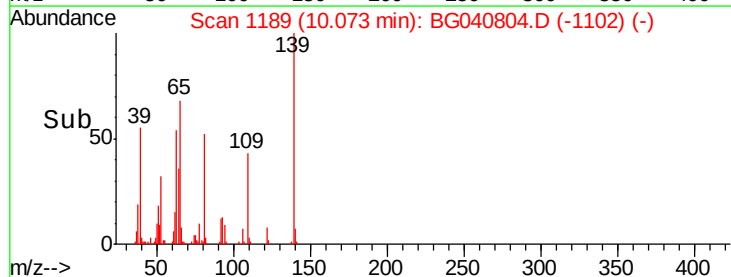
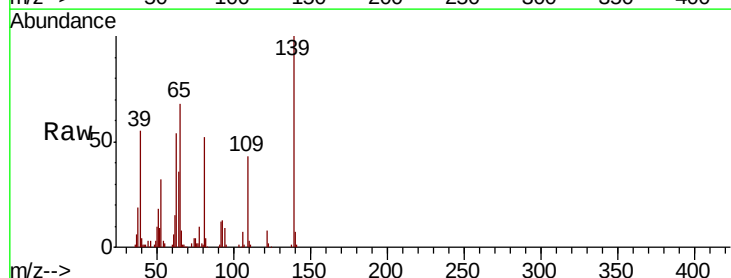
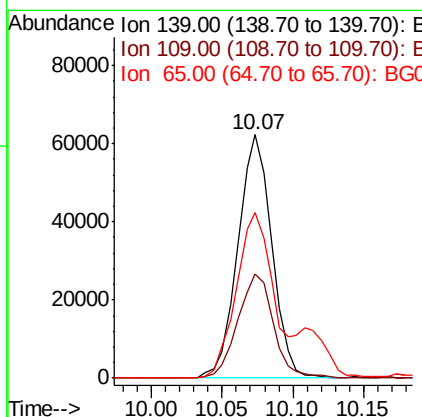
Manual Integrations
APPROVED

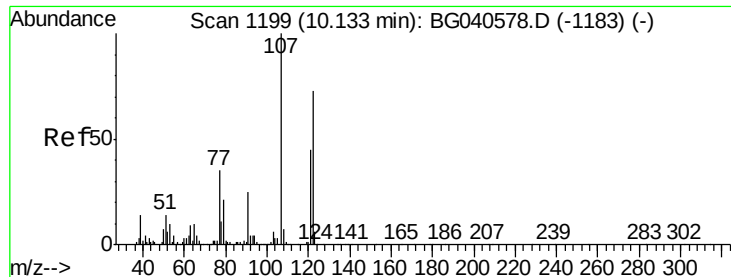
Sohil
5/9/2019 6:47:33 PM



#26
2-Nitrophenol
Concen: 49.812 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	104590		
109	42.9		35.6	53.4
65	68.2		52.3	78.5





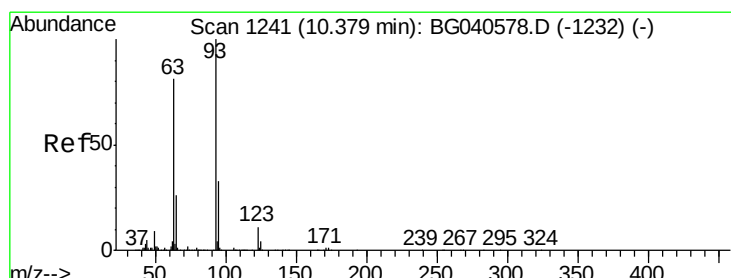
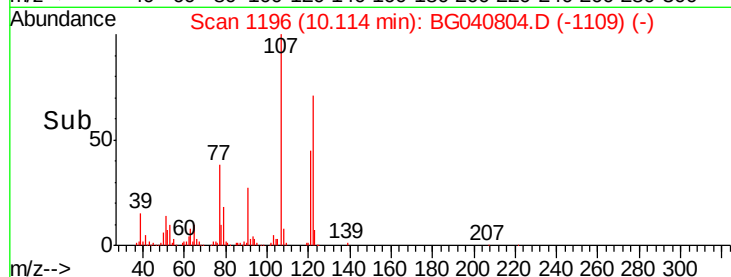
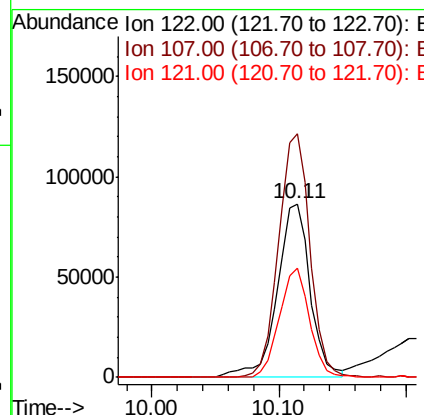
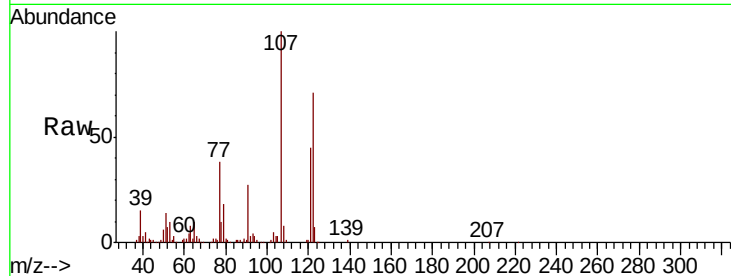
#27
 2,4-Dimethylphenol
 Concen: 39.608 ng
 RT: 10.11 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG040804.D
 Acq: 9 May 2019 3:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.5	110.1	165.1
121	62.8	49.4	74.0

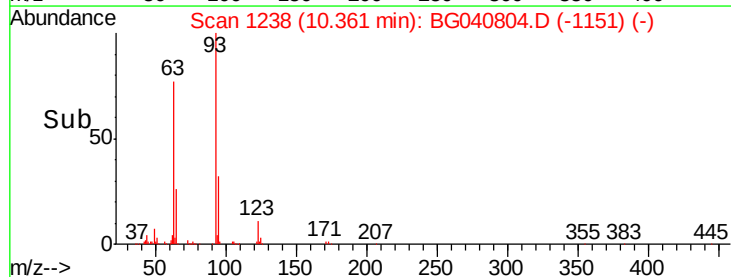
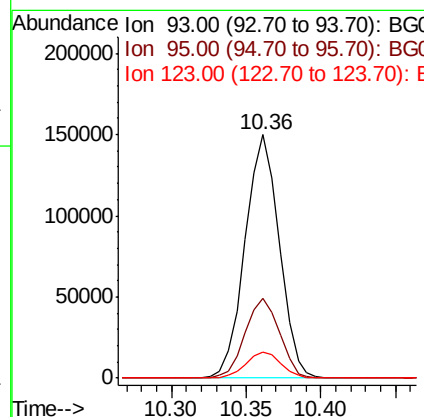
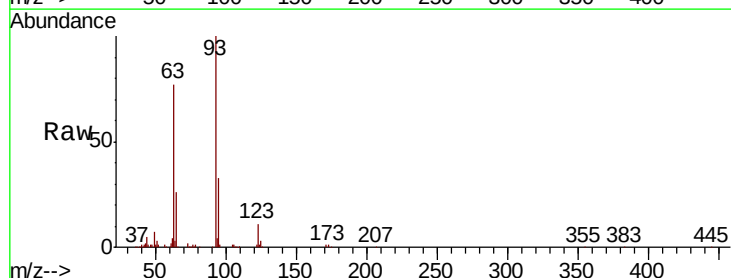
Manual Integrations
 APPROVED

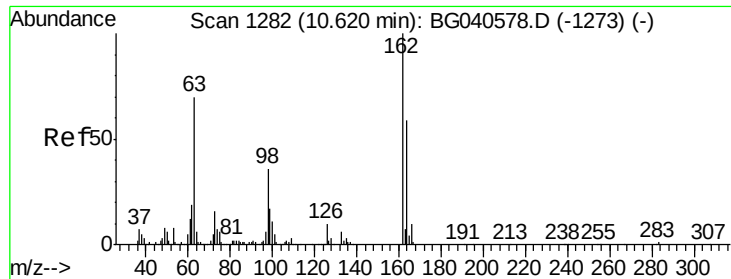
Sohil
 5/9/2019 6:47:33 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.735 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BG040804.D
 Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.6	40.0
123	10.8	9.0	13.4





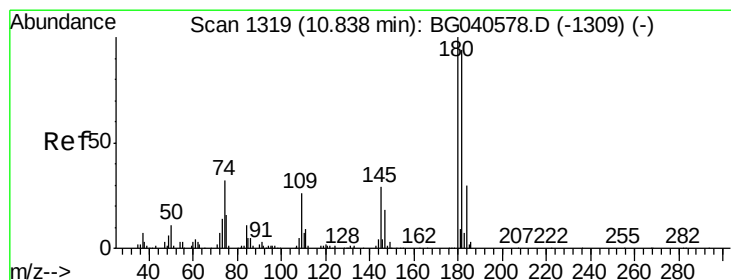
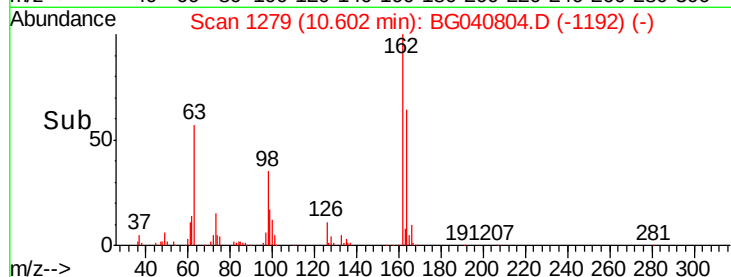
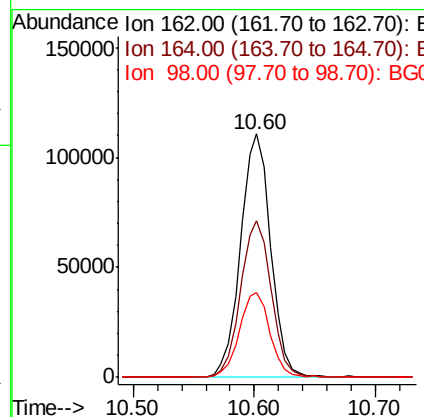
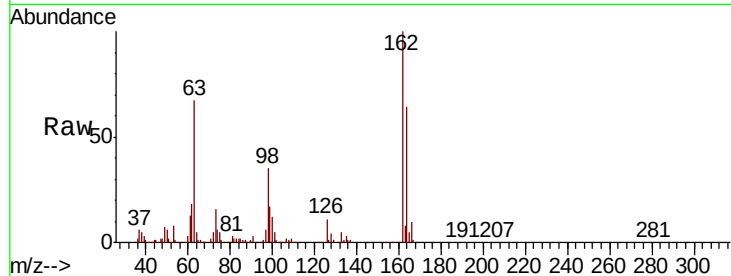
#29
2,4-Dichlorophenol
Concen: 43.086 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	162	Resp:	192972
Ion Ratio	Lower	Upper	
162	100		
164	64.3	38.9	78.9
98	35.1	16.8	56.8

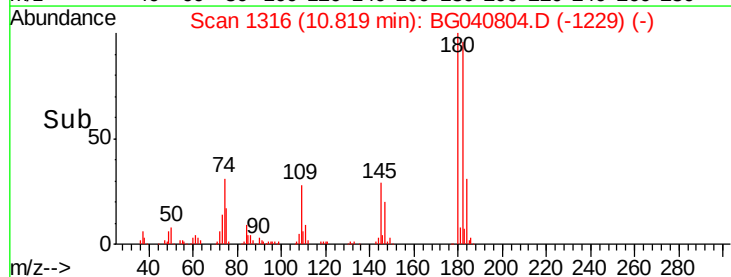
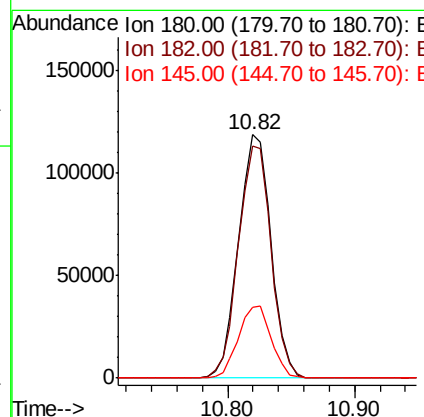
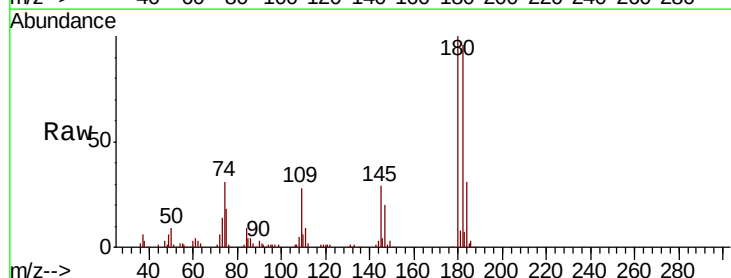
Manual Integrations
APPROVED

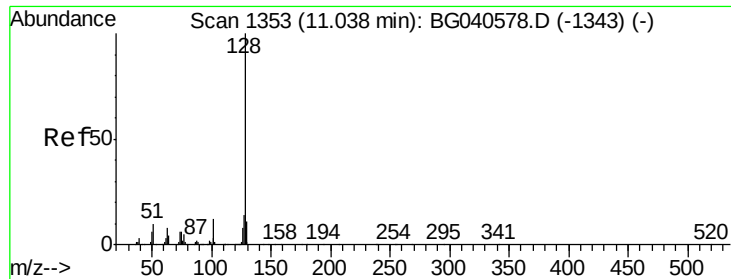
Sohil
5/9/2019 6:47:33 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.152 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion:	180	Resp:	209358
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.2	112.8
145	29.2	23.6	35.4





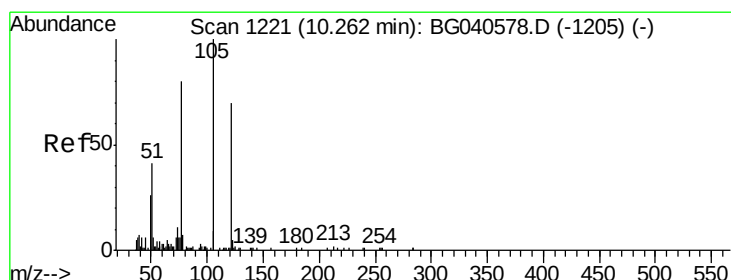
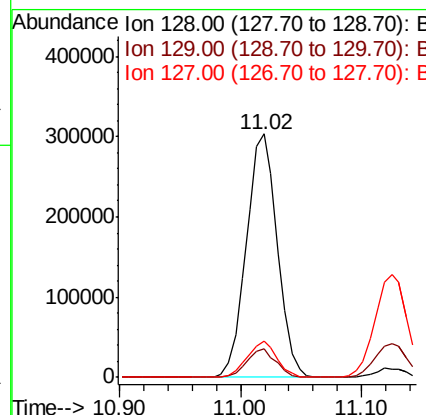
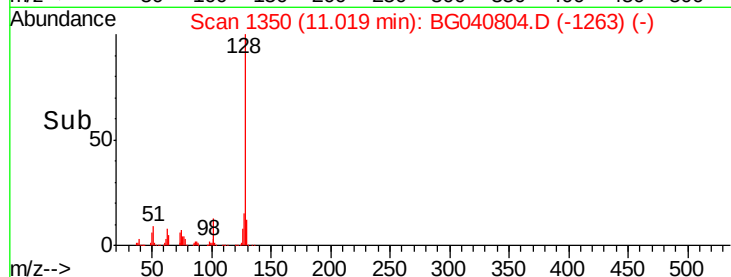
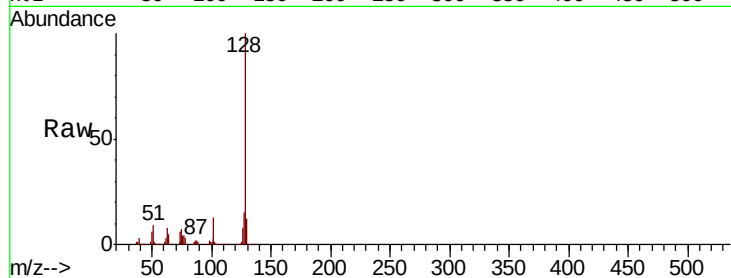
#31
Naphthalene
Concen: 40.154 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100	541160		
129	11.9	9.0	13.6	
127	14.8	11.3	16.9	

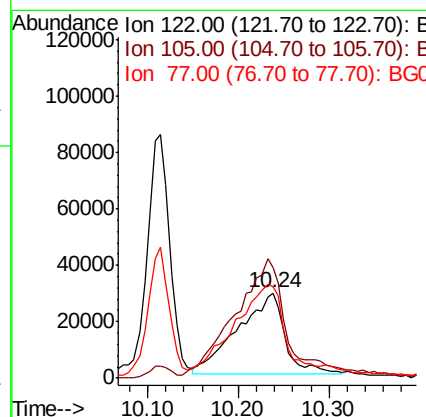
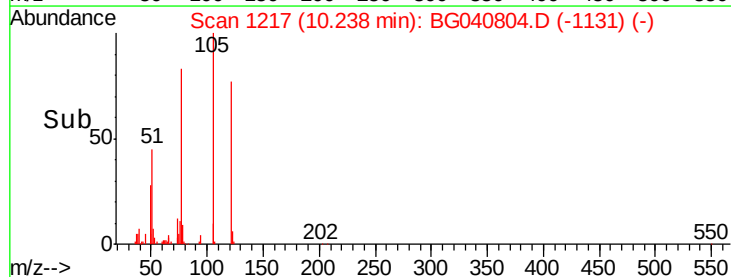
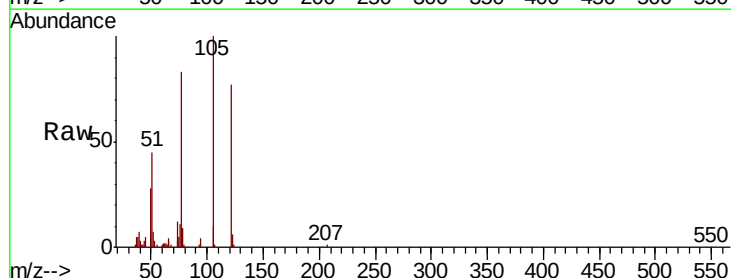
Manual Integrations
APPROVED

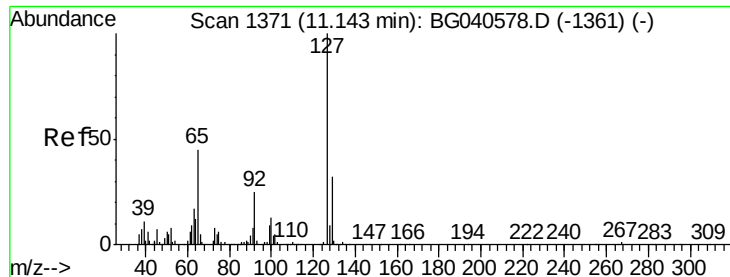
Sohil
5/9/2019 6:47:33 PM



#32
Benzoic acid
Concen: 38.169 ng m
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	102941		
105	129.5	110.9	150.9	
77	107.7	87.6	127.6	





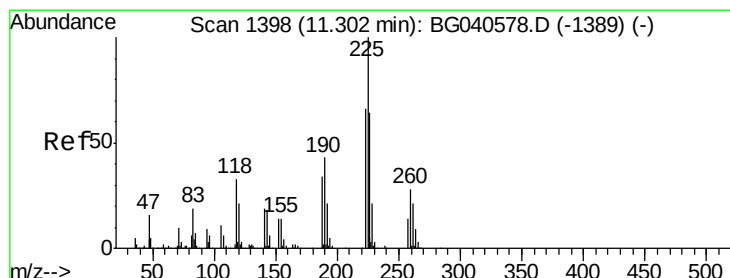
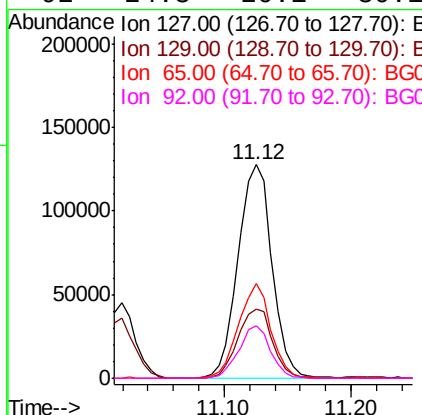
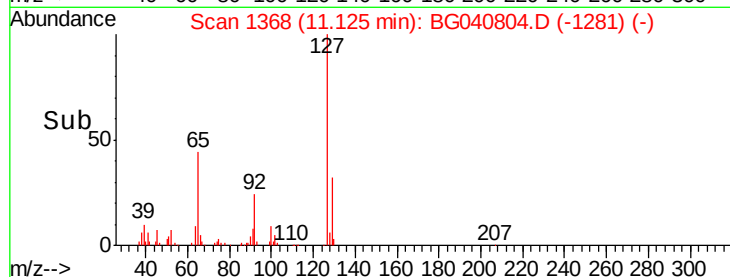
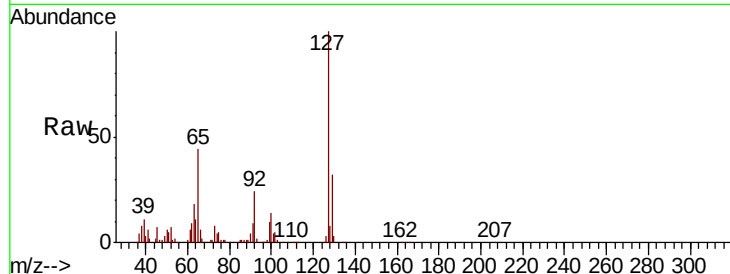
#33
4-Chloroaniline
Concen: 39.779 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.7	38.5		
65	44.2	36.1	54.1		
92	24.3	20.1	30.1		

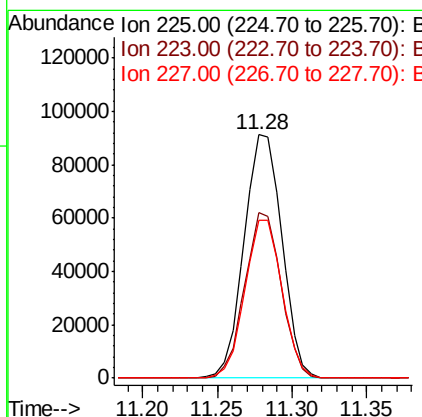
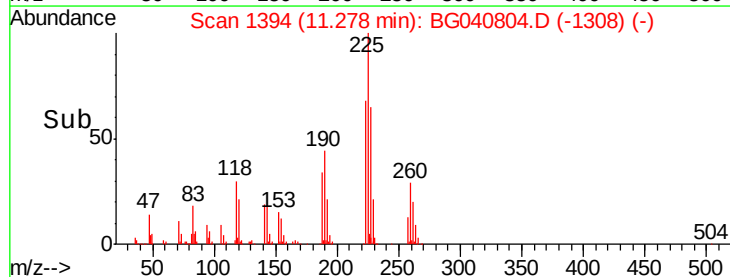
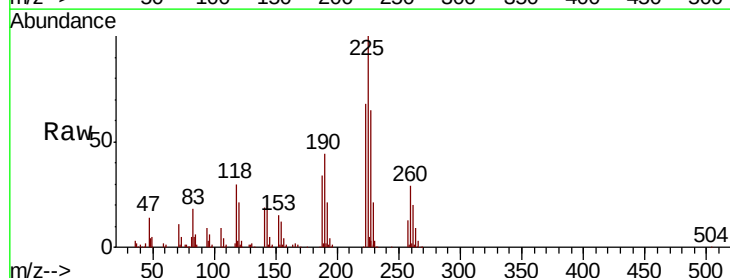
Manual Integrations
APPROVED

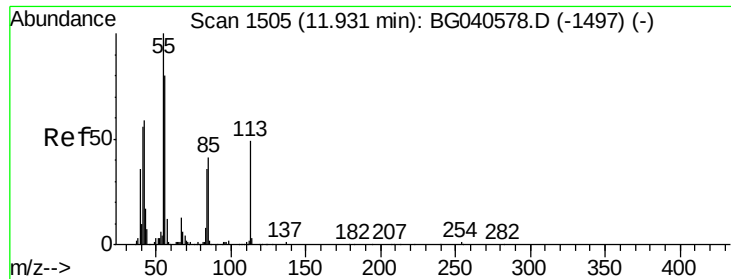
Sohil
5/9/2019 6:47:33 PM



#34
Hexachlorobutadiene
Concen: 43.571 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	68.2	50.4	75.6		
227	67.5	51.0	76.6		





#35

Caprolactam

Concen: 37.831 ng

RT: 11.92 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Instrument :

BNA_G

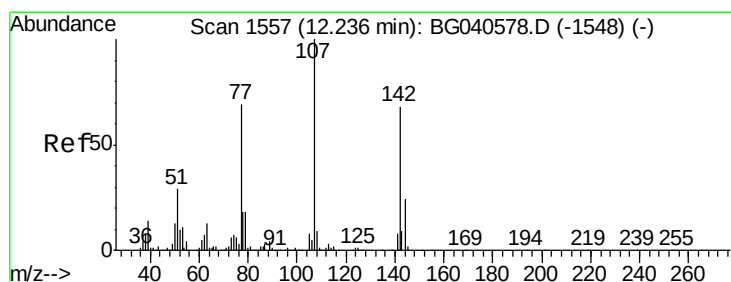
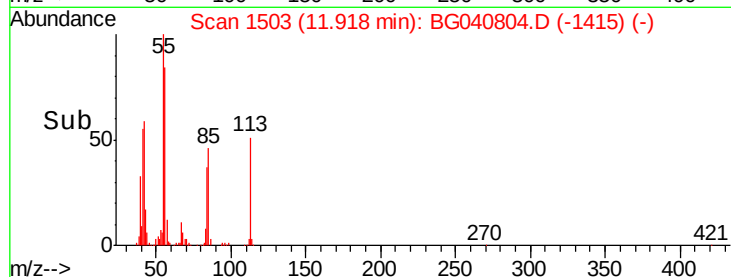
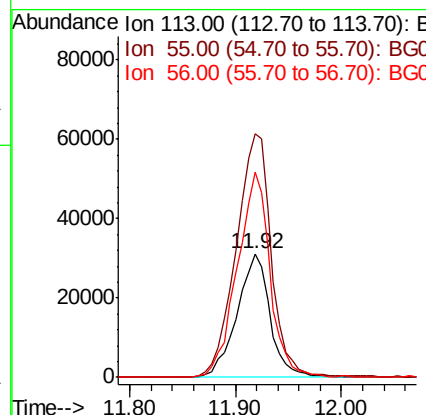
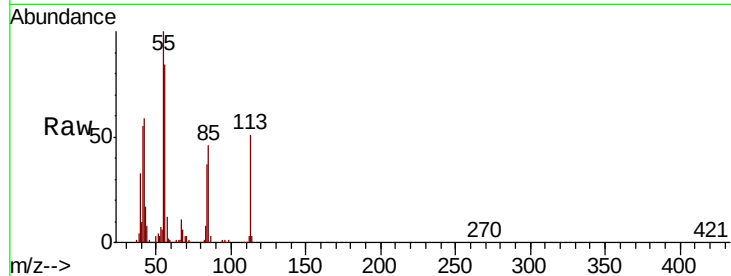
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.2	198.6	238.6#
56	166.1	148.4	188.4

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM



#36

4-Chloro-3-methylphenol

Concen: 42.029 ng

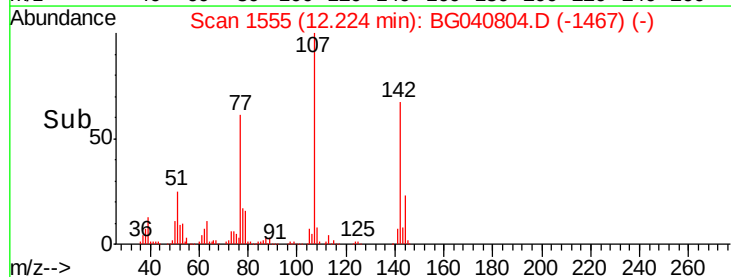
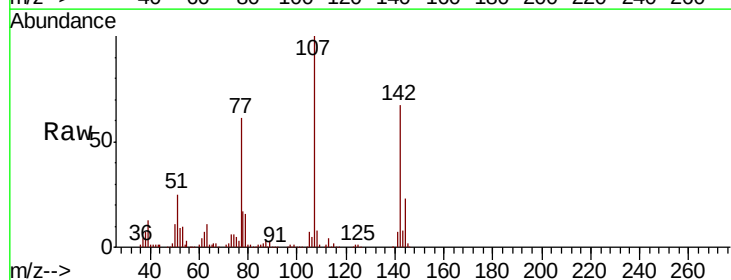
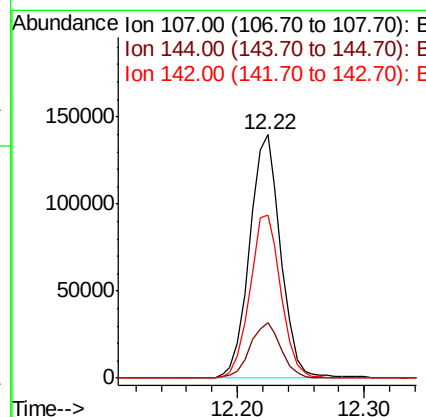
RT: 12.22 min Scan# 1555

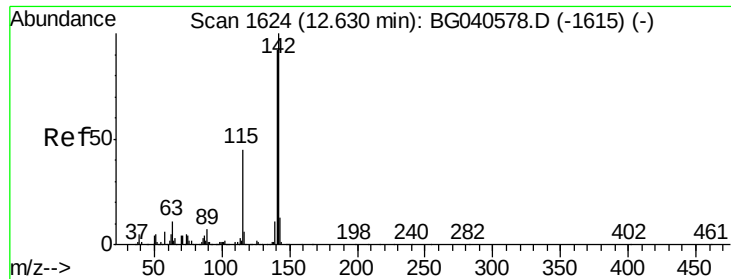
Delta R.T. -0.01 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	19.3	28.9
142	67.1	54.6	81.8





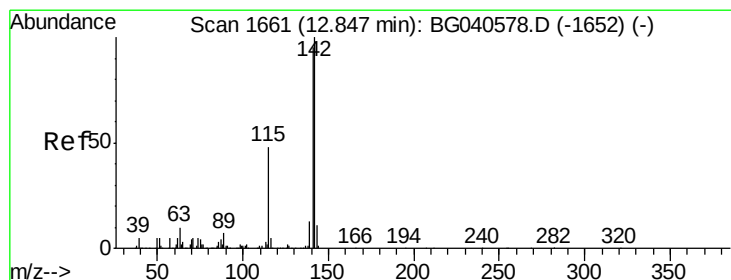
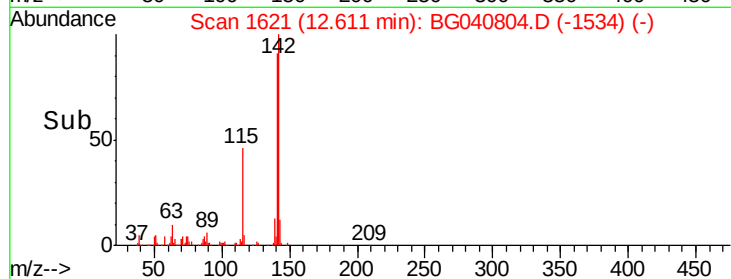
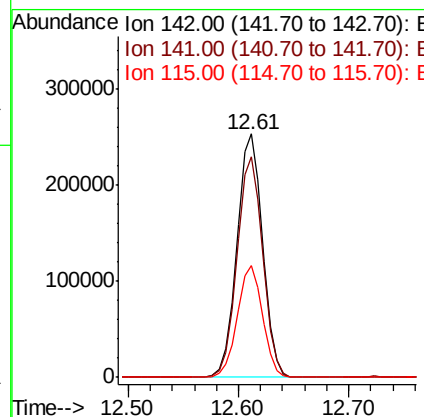
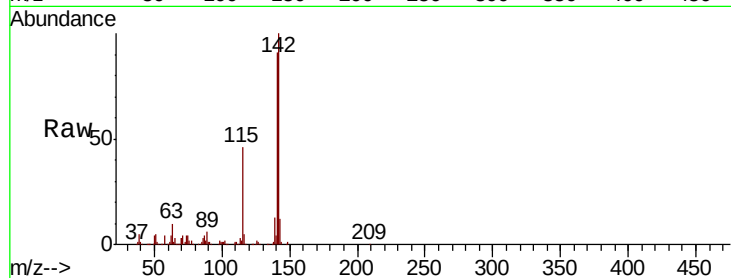
#37
2-Methylnaphthalene
Concen: 40.741 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.4	110.2
115	45.8	36.2	54.4

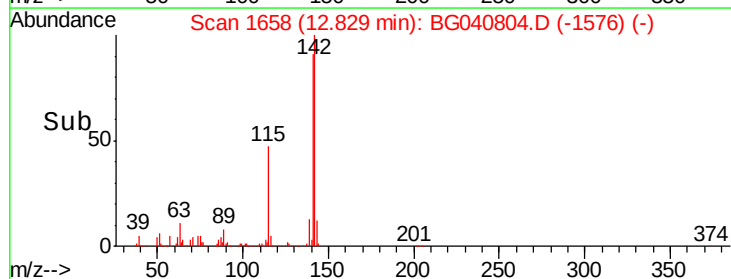
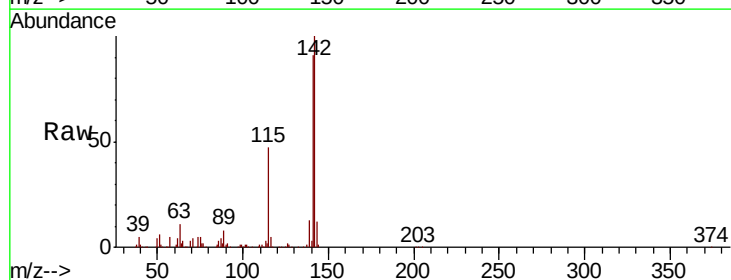
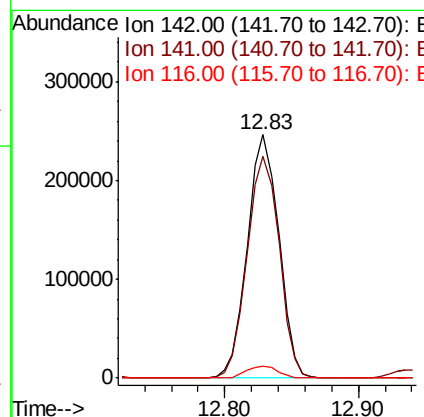
Manual Integrations
APPROVED

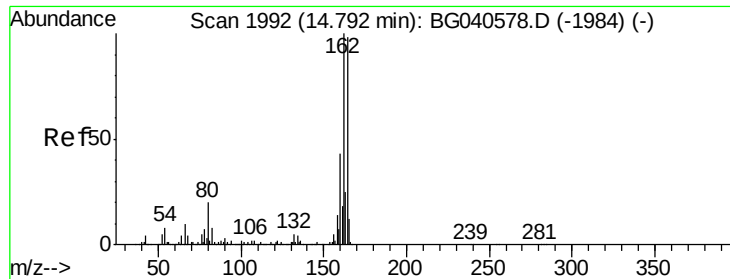
Sohil
5/9/2019 6:47:33 PM



#38
1-Methylnaphthalene
Concen: 40.652 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.9	113.9
116	5.1	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Instrument :

BNA_G

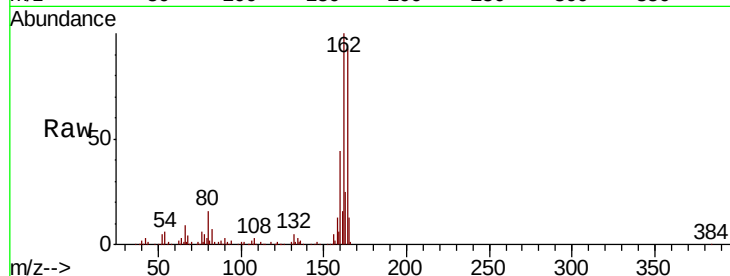
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	184316
Ion Ratio	Lower	Upper	
164	100		
162	108.0	81.9	122.9
160	47.4	35.4	53.2

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM

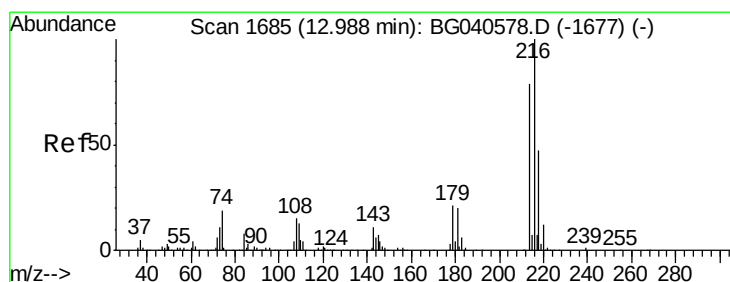
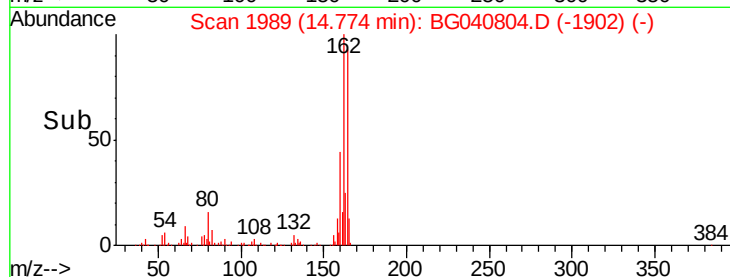
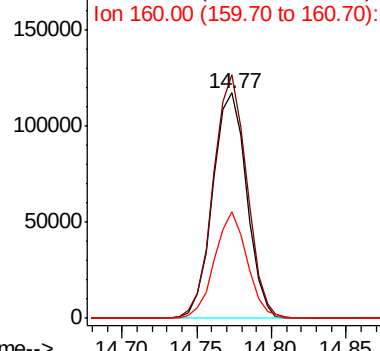


Abundance

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: 43.073 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Tgt Ion:	216	Resp:	295751
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.7	95.5
179	19.6	16.6	24.8
108	15.4	14.7	22.1

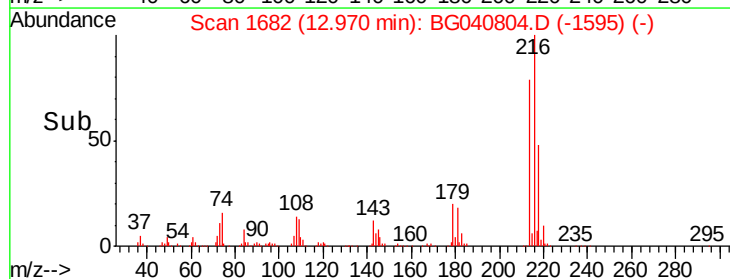
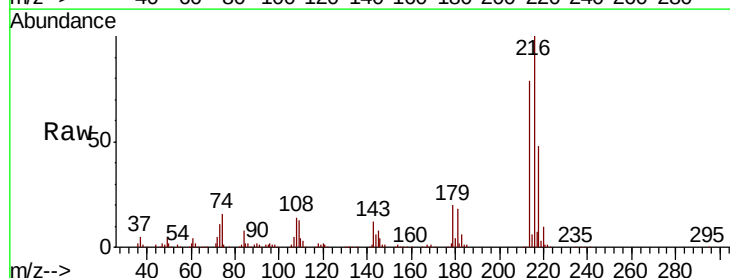
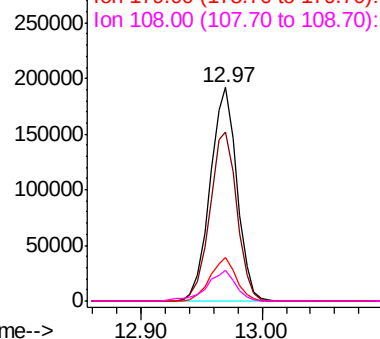
Abundance

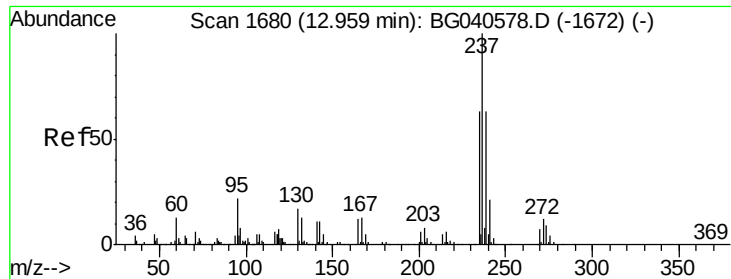
Ion 216.00 (215.70 to 216.70): E

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





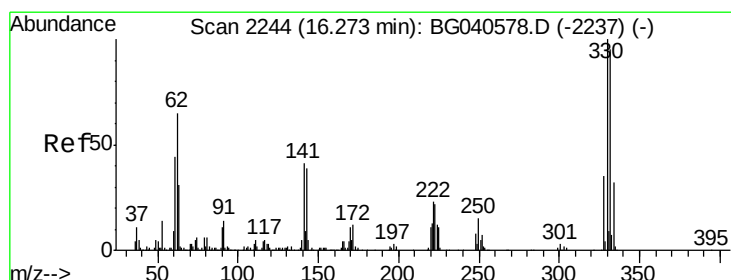
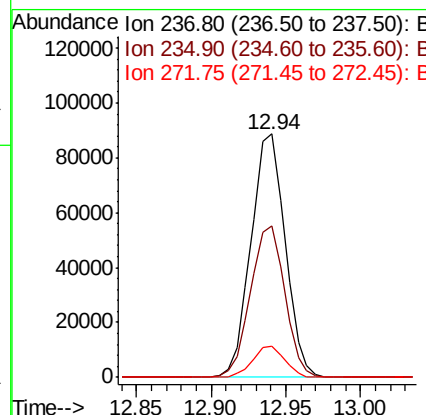
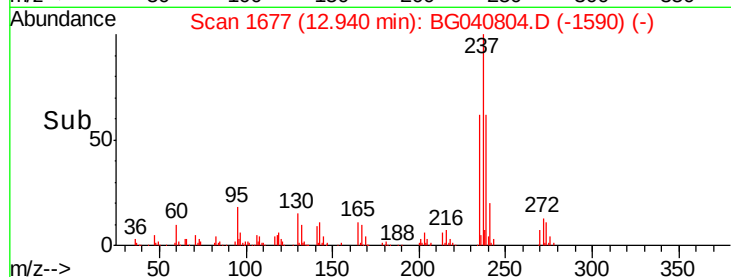
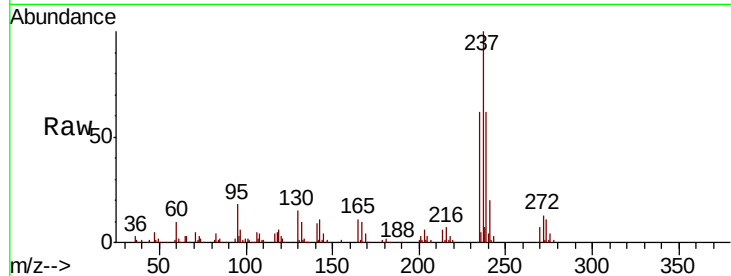
#41
Hexachlorocyclopentadiene
Concen: 34.570 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.1	42.5	82.5
272	12.9	0.0	31.6

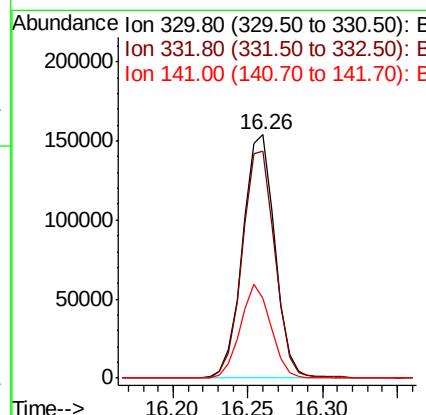
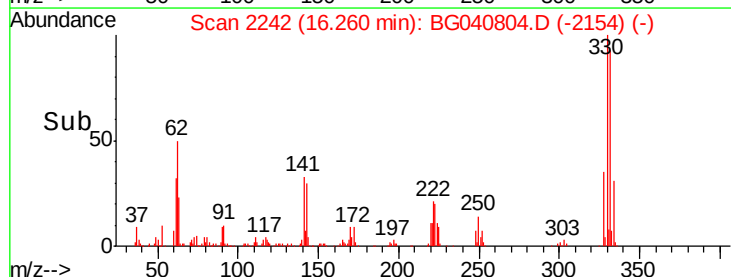
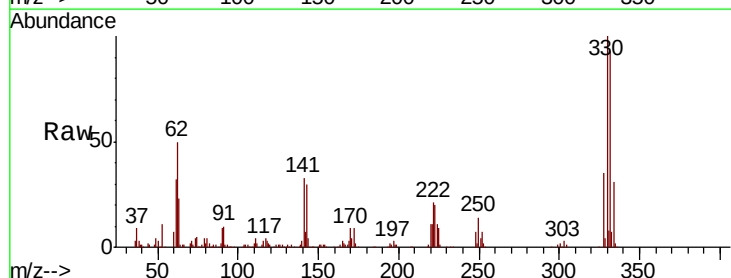
Manual Integrations
APPROVED

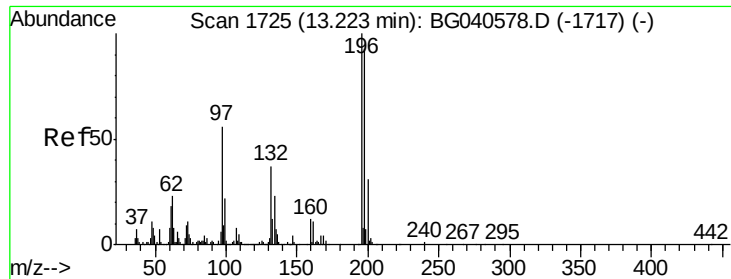
Sohil
5/9/2019 6:47:33 PM



#42
2,4,6-Tribromophenol
Concen: 90.580 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.0	75.9	113.9
141	36.7	32.4	48.6





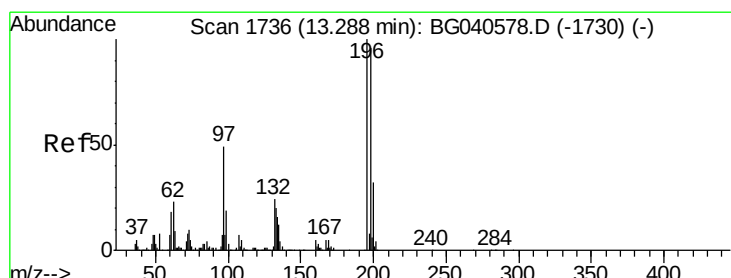
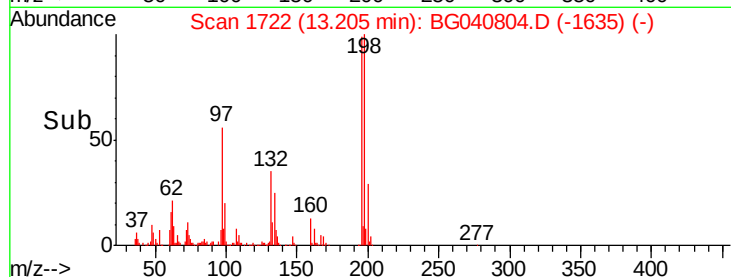
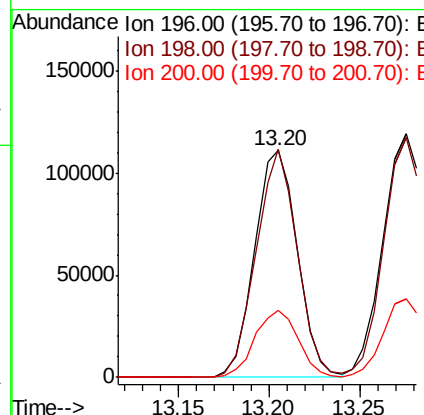
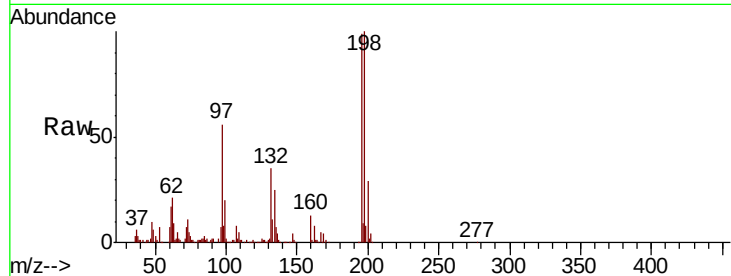
#43
 2,4,6-Trichlorophenol
 Concen: 43.700 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040804.D
 Acq: 9 May 2019 3:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	181324		
198	100.6	74.8	112.2	
200	29.4	24.9	37.3	

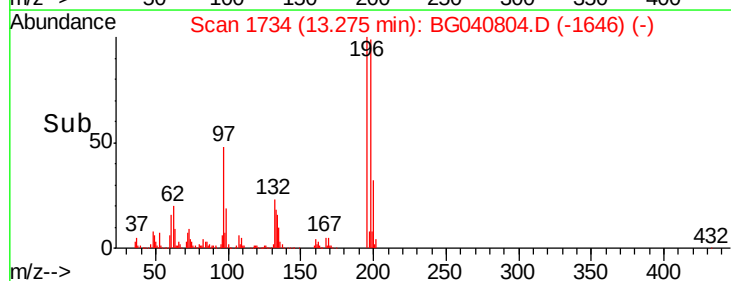
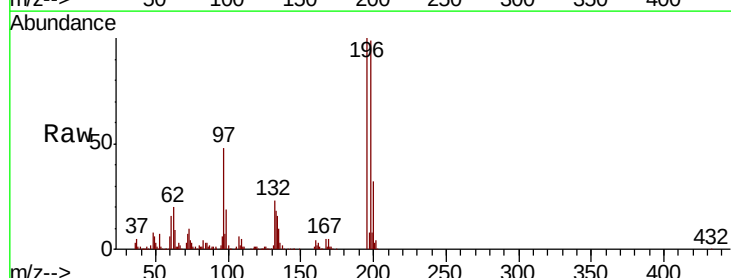
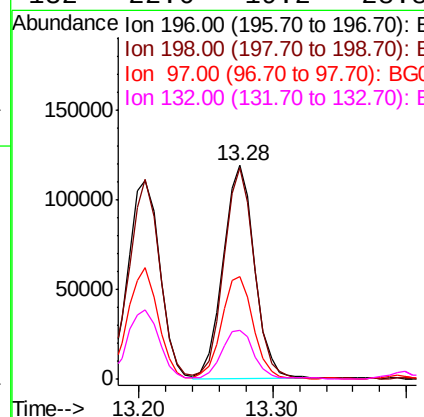
Manual Integrations
 APPROVED

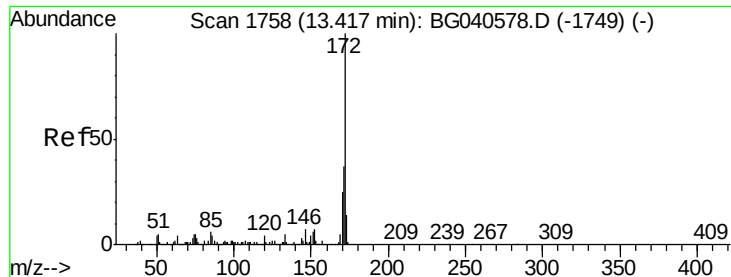
Sohil
 5/9/2019 6:47:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.579 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040804.D
 Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196981		
198	98.7	77.0	115.6	
97	47.9	40.0	60.0	
132	22.6	19.2	28.8	





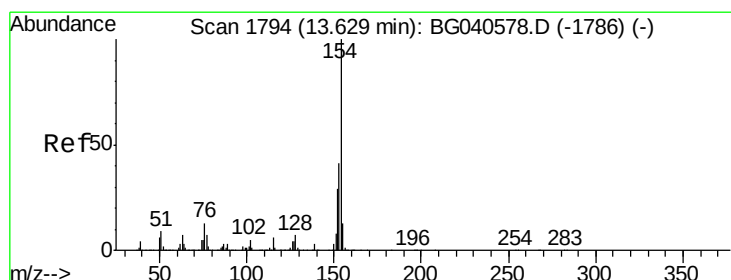
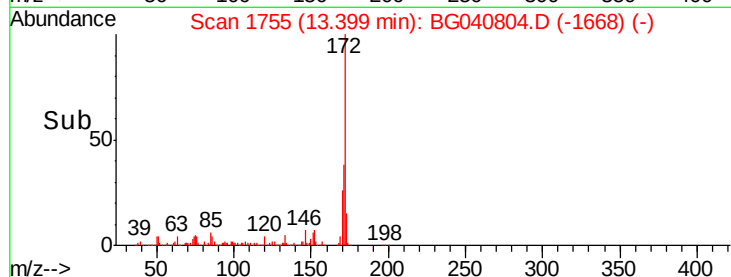
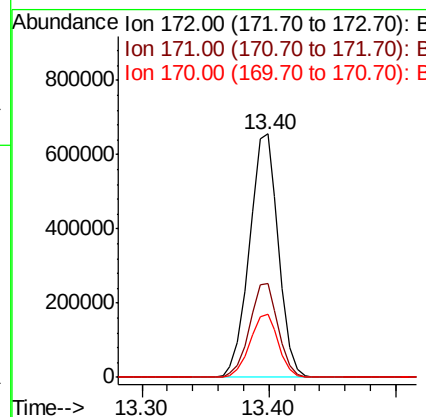
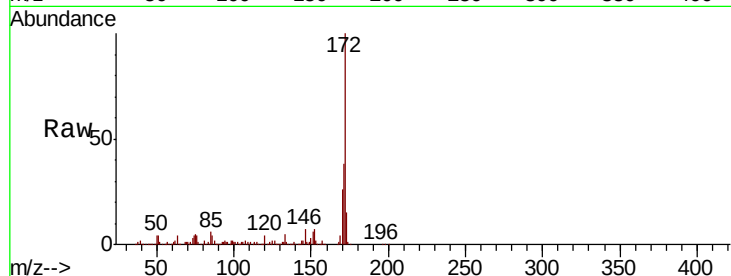
#45
2-Fluorobiphenyl
Concen: 81.158 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	25.7	19.9	29.9

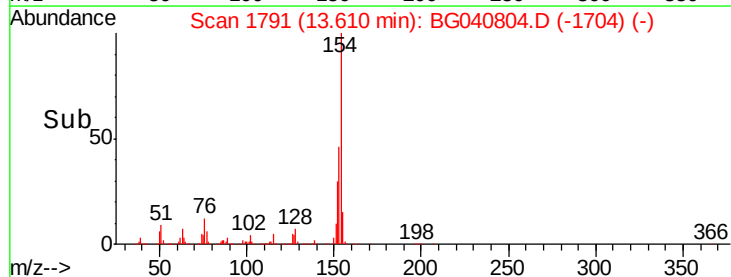
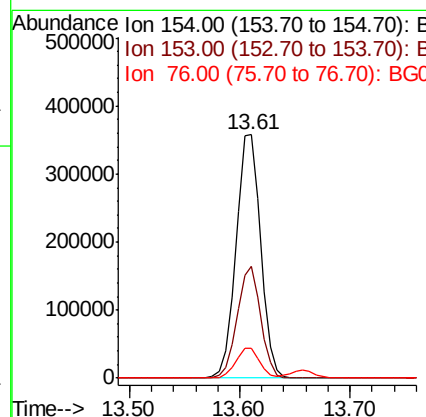
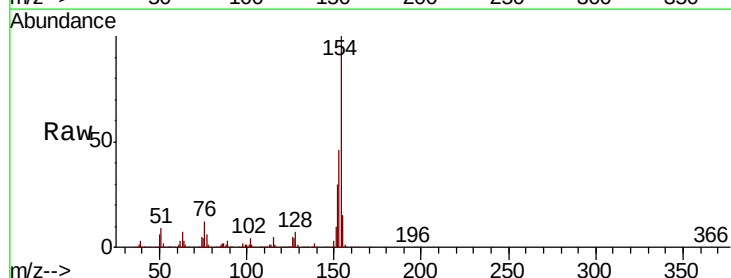
Manual Integrations
APPROVED

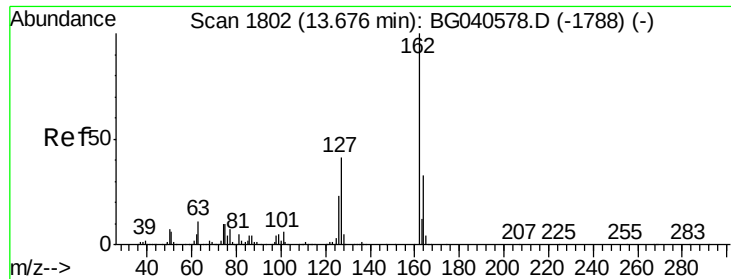
Sohil
5/9/2019 6:47:33 PM



#46
1,1'-Biphenyl
Concen: 39.124 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.9	20.5	60.5
76	12.1	0.0	32.5





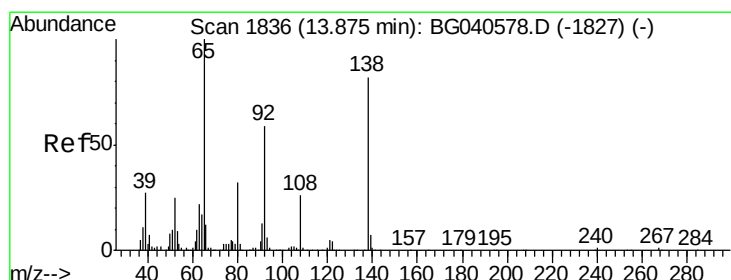
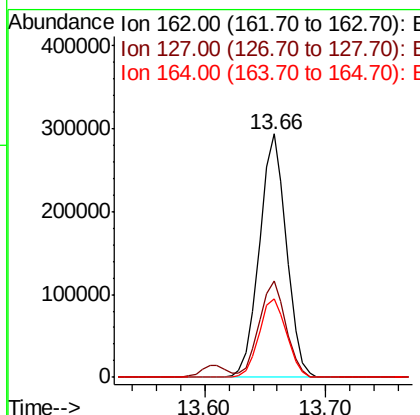
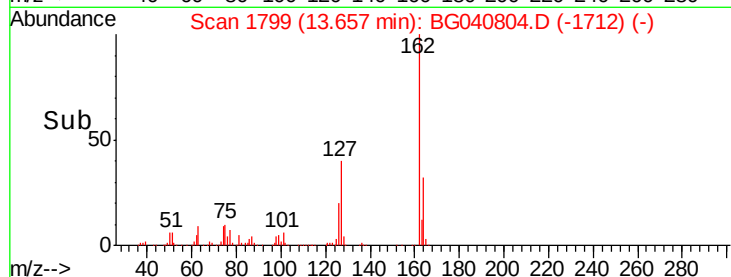
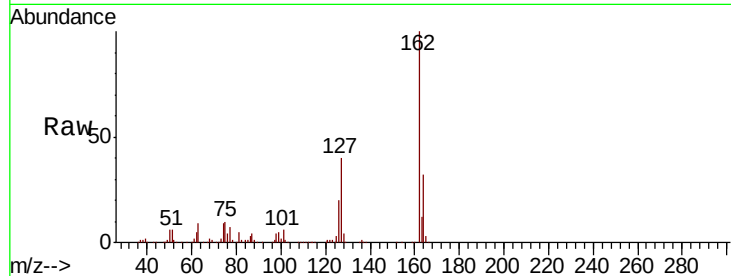
#47
2-Chloronaphthalene
Concen: 40.499 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	453553		
127	39.7	33.0	49.4	
164	32.2	26.8	40.2	

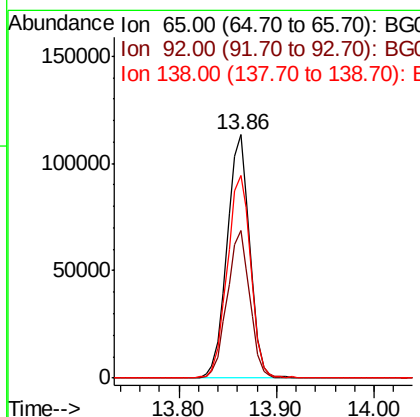
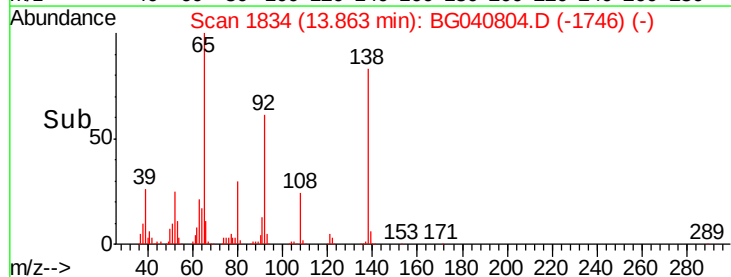
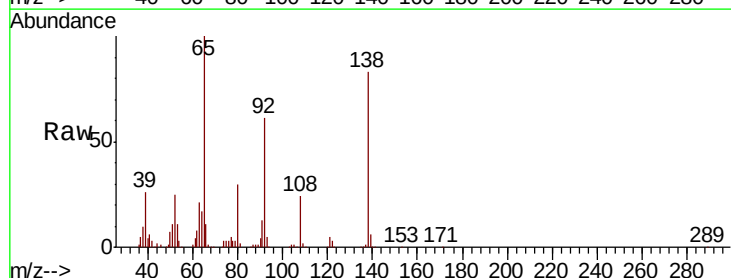
Manual Integrations
APPROVED

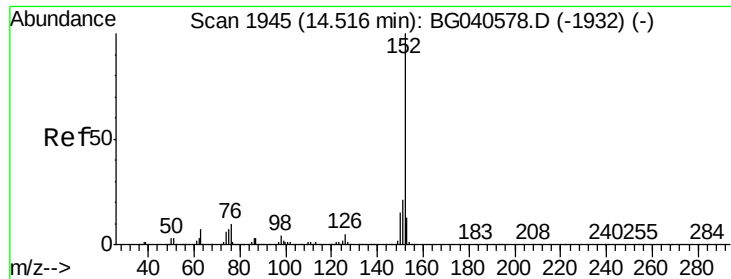
Sohil
5/9/2019 6:47:33 PM



#48
2-Nitroaniline
Concen: 45.810 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	182620		
92	60.5	47.4	71.0	
138	83.0	66.1	99.1	





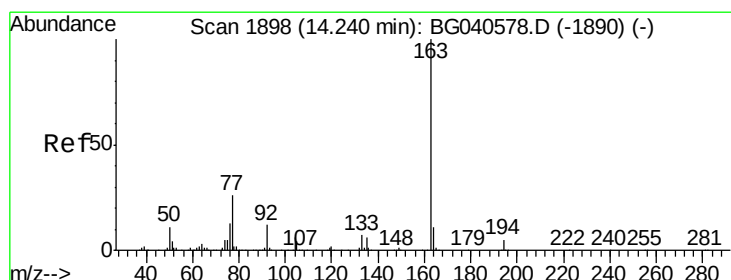
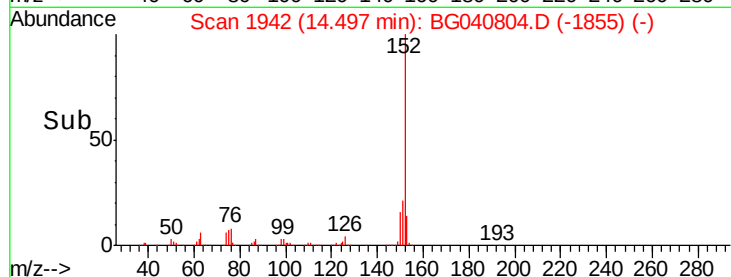
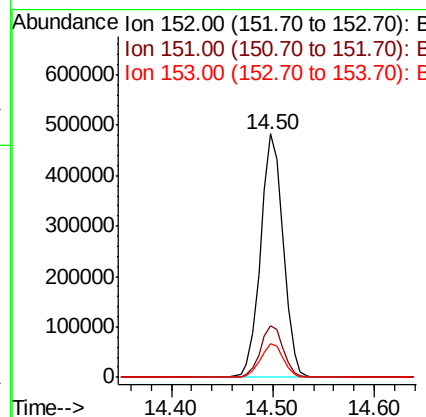
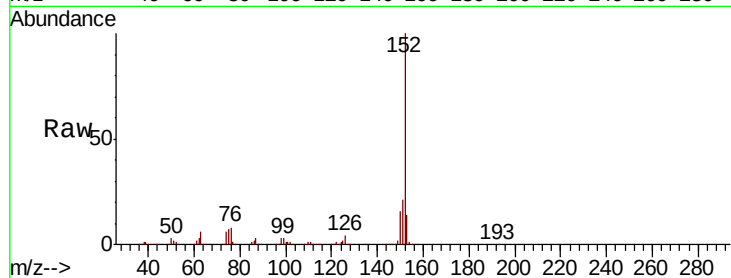
#49
Acenaphthylene
Concen: 39.205 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	13.6	10.7	16.1

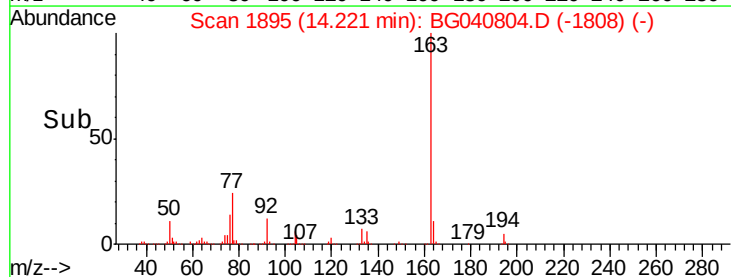
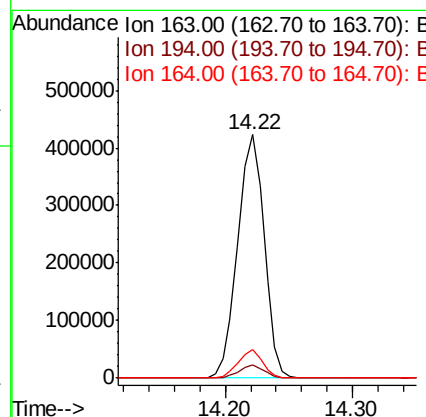
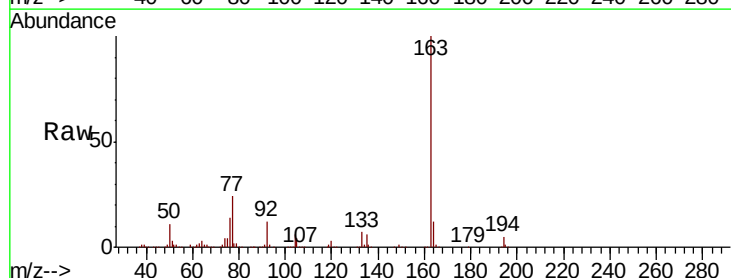
Manual Integrations
APPROVED

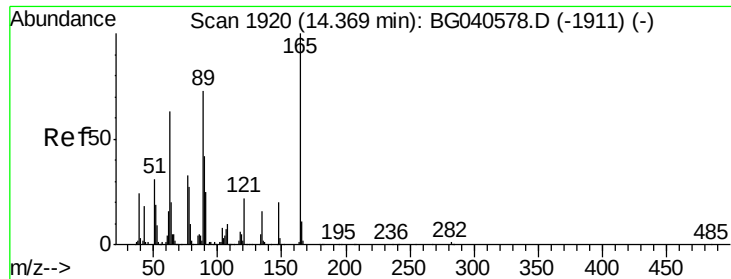
Sohil
5/9/2019 6:47:33 PM



#50
Dimethylphthalate
Concen: 39.658 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.8	5.8
164	11.5	8.8	13.2





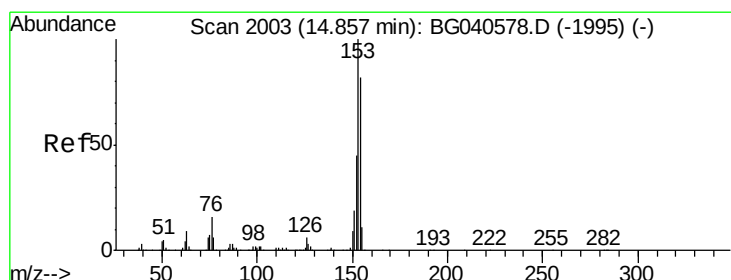
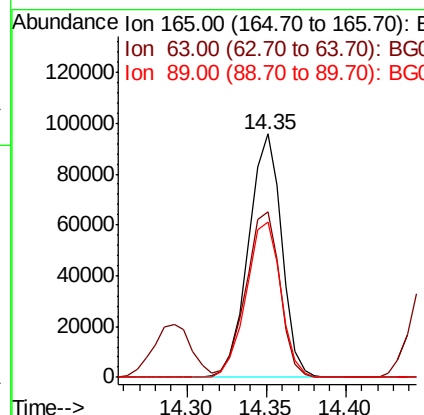
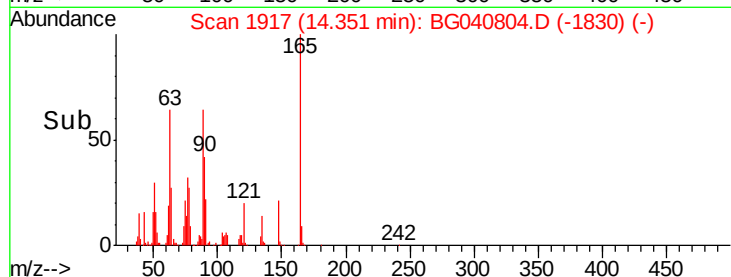
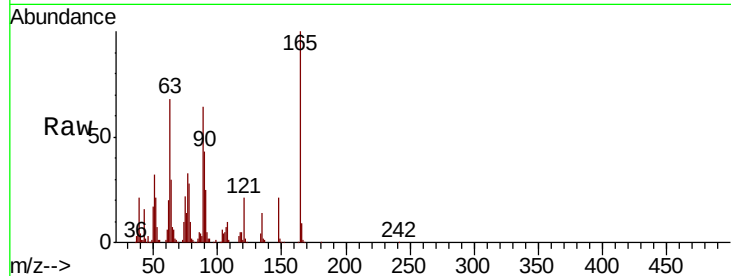
#51
2,6-Dinitrotoluene
Concen: 46.173 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.2	61.0	91.4	
89	63.9	58.6	87.8	

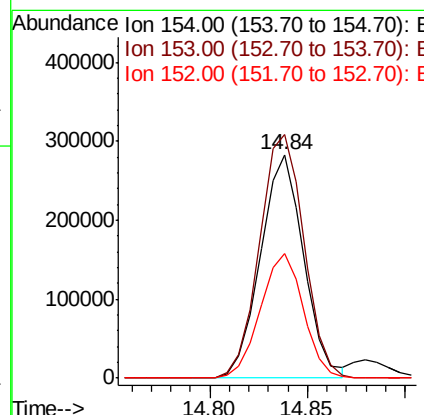
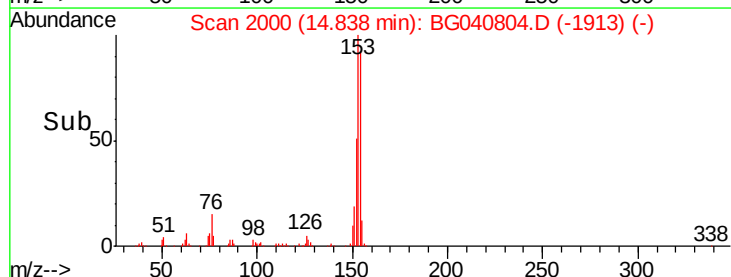
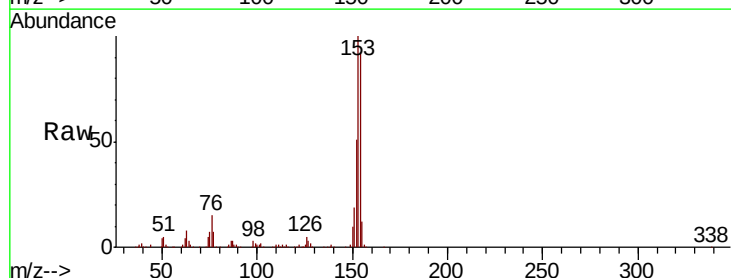
Manual Integrations
APPROVED

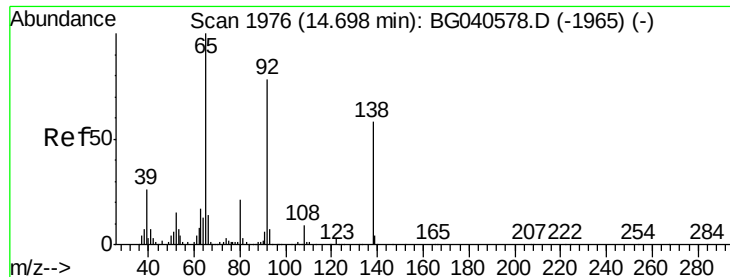
Sohil
5/9/2019 6:47:33 PM



#52
Acenaphthene
Concen: 39.172 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	109.0	97.0	145.6	
152	55.6	44.1	66.1	





#53

3-Nitroaniline

Concen: 44.175 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Instrument :

BNA_G

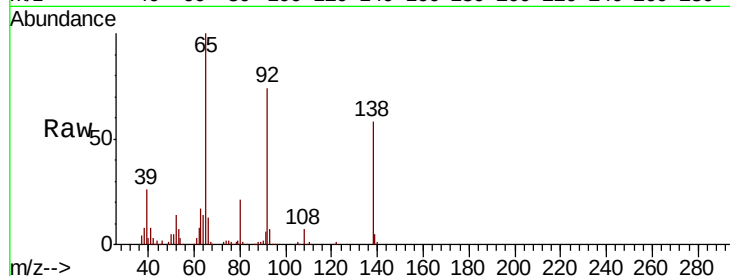
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	12.4	18.6#
92	127.0	108.6	162.8

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM

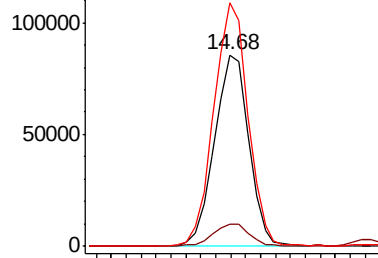


Abundance

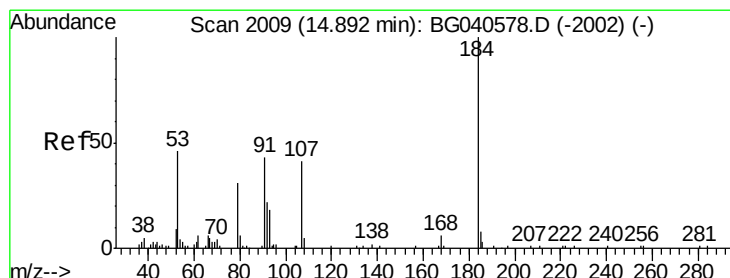
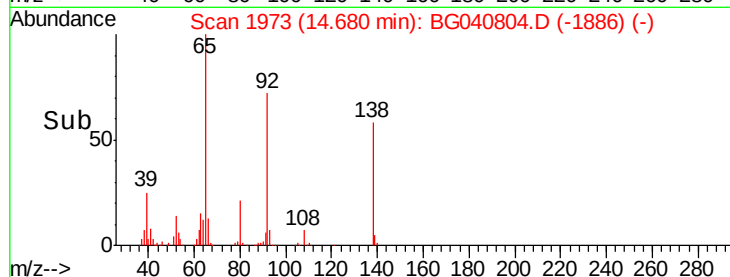
Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



Time-->



#54

2,4-Dinitrophenol

Concen: 36.304 ng

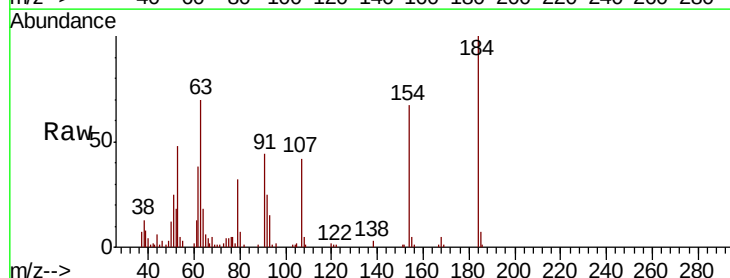
RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.3	51.8	77.6
154	67.4	43.6	65.4#

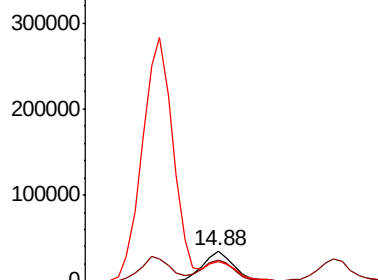


Abundance

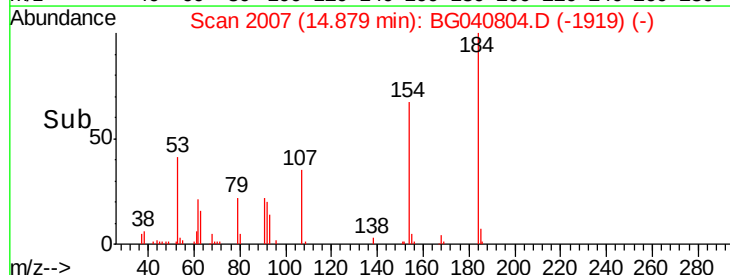
Ion 184.00 (183.70 to 184.70): E

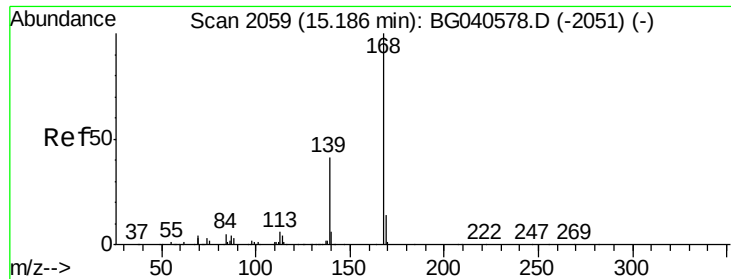
Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#55

Dibenzenofuran

Concen: 40.592 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Instrument :

BNA_G

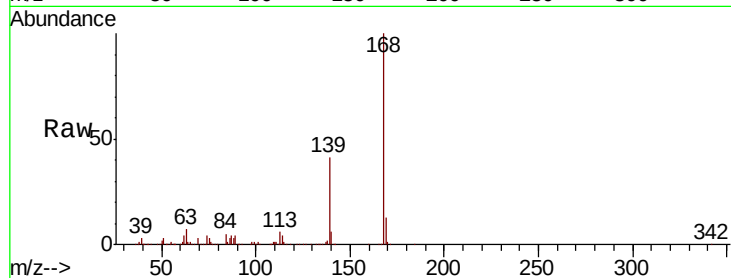
ClientSampleId :

SSTDCCC040

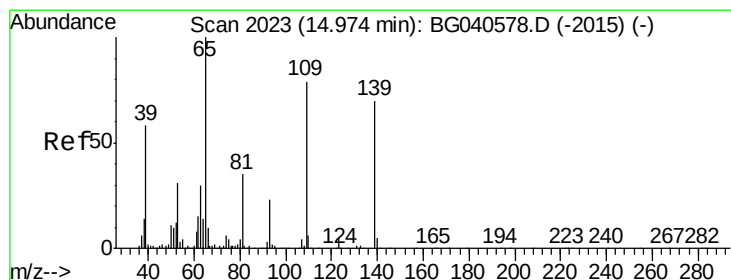
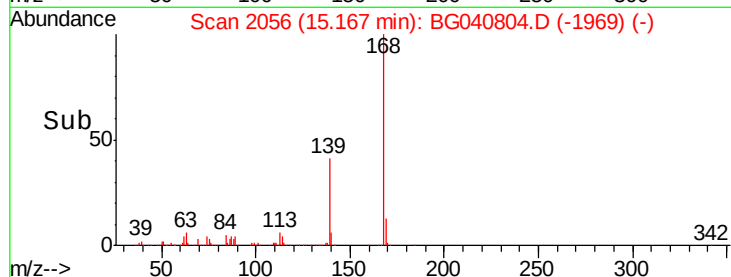
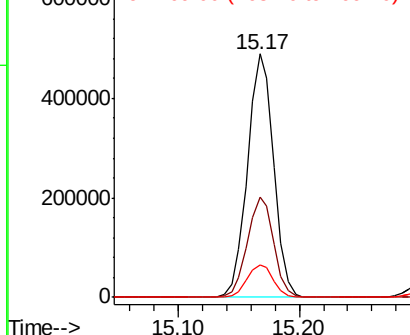
Tot Ion:	168	Resp:	735697
Ion Ratio	Lower	Upper	
168	100		
139	41.4	33.0	49.4
169	13.3	11.0	16.4

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM



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: 35.726 ng

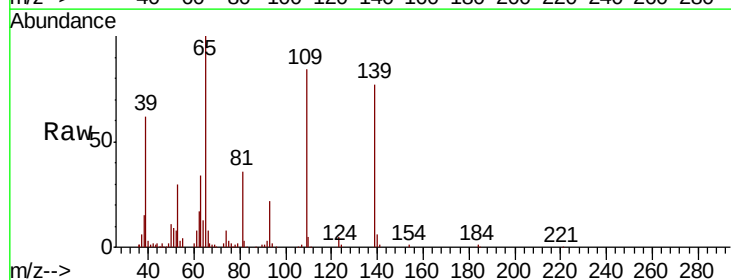
RT: 14.96 min Scan# 2021

Delta R.T. -0.01 min

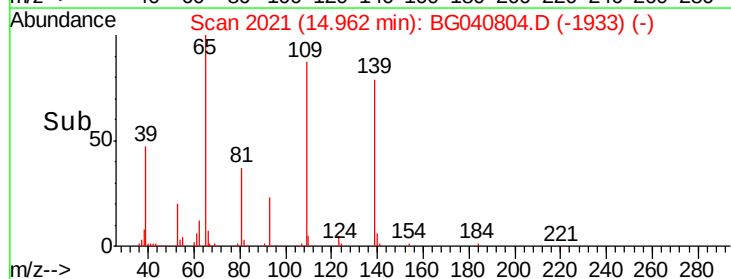
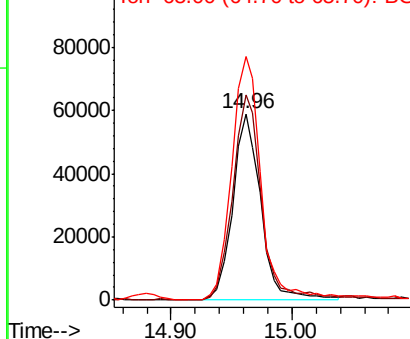
Lab File: BG040804.D

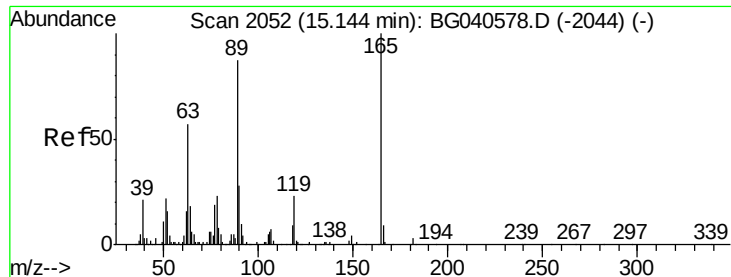
Acq: 9 May 2019 3:17

Tgt Ion:	139	Resp:	95532
Ion Ratio	Lower	Upper	
139	100		
109	110.0	93.8	133.8
65	130.5	122.7	162.7



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): BGC





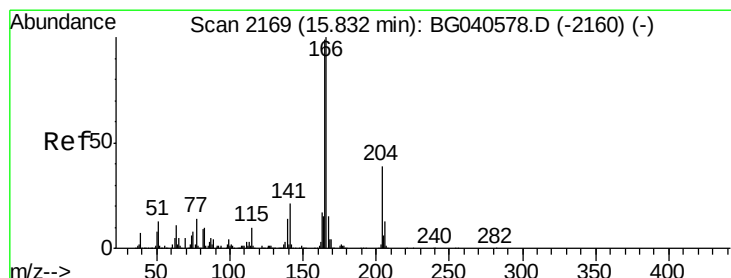
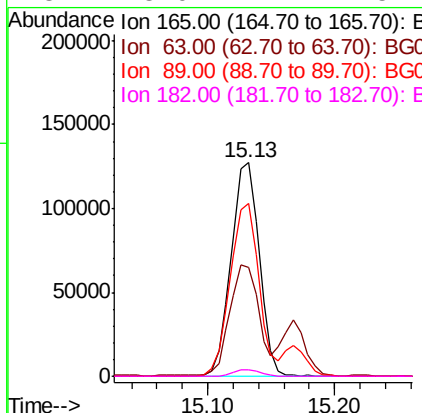
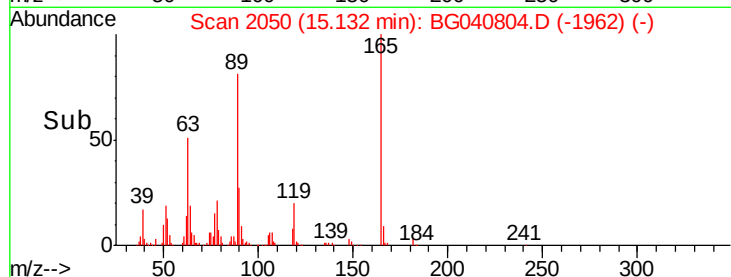
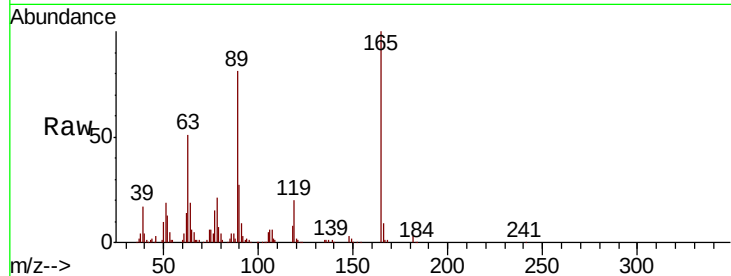
#57
2,4-Dinitrotoluene
Concen: 47.677 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	194991		
63	50.7	45.8	68.8	
89	80.7	69.4	104.2	
182	3.0	2.2	3.4	

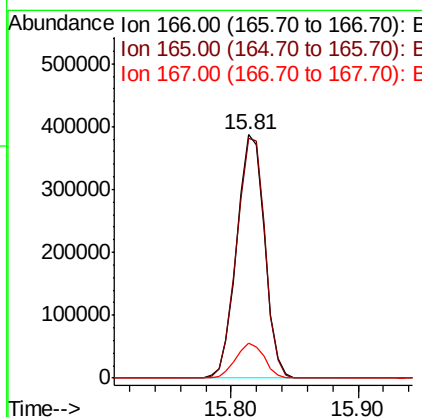
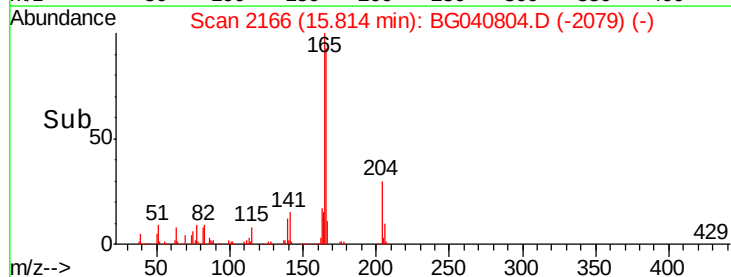
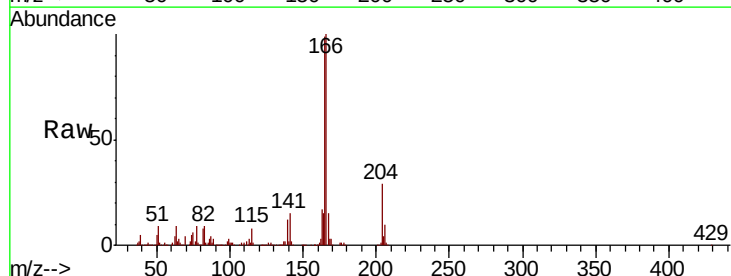
Manual Integrations
APPROVED

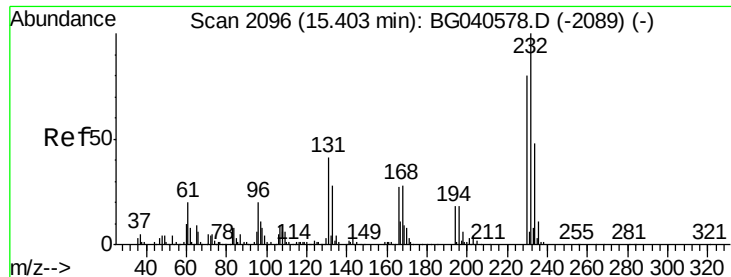
Sohil
5/9/2019 6:47:33 PM



#58
Fluorene
Concen: 39.927 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	584901		
165	98.7	79.6	119.4	
167	14.5	12.2	18.2	





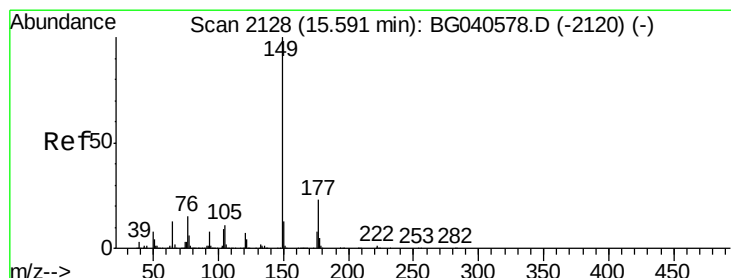
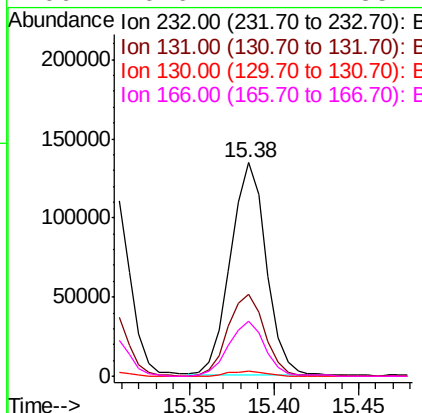
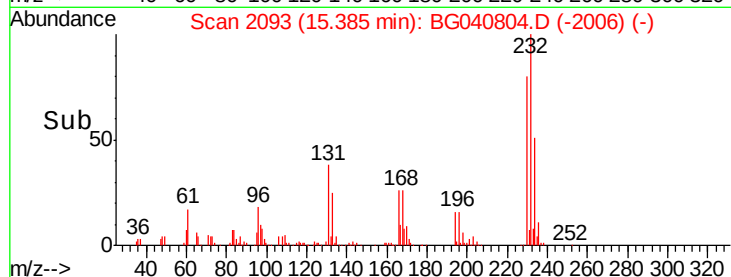
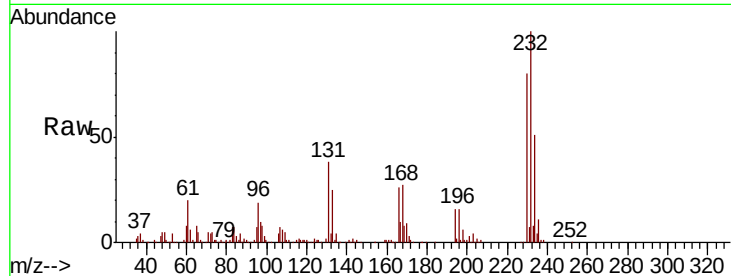
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.342 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040804.D
 Acq: 9 May 2019 3:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	197186		
131	40.3	33.0	49.4	
130	2.5	2.0	3.0	
166	26.6	22.1	33.1	

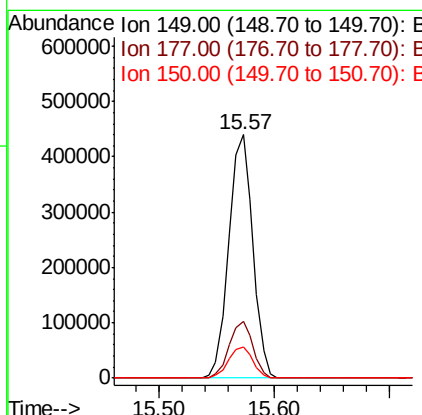
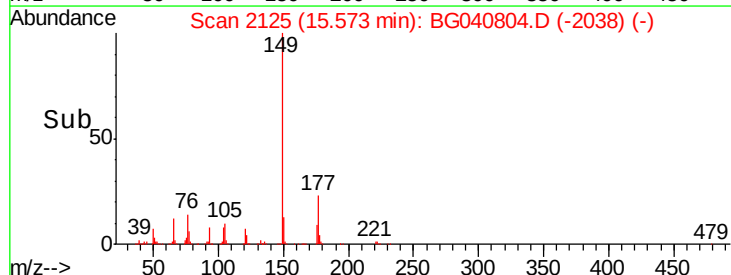
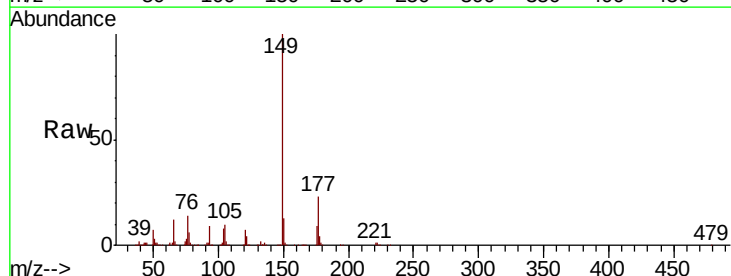
Manual Integrations
 APPROVED

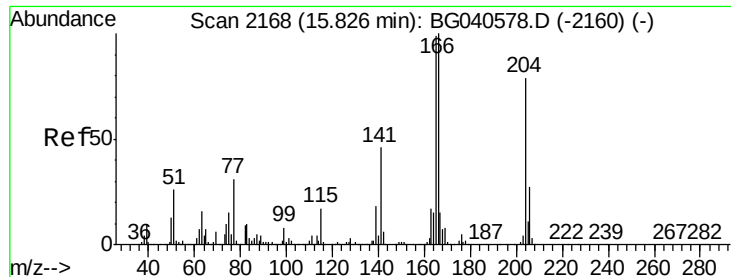
Sohil
 5/9/2019 6:47:33 PM



#60
 Diethylphthalate
 Concen: 38.755 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040804.D
 Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	630583		
177	23.2	18.5	27.7	
150	12.8	10.2	15.4	





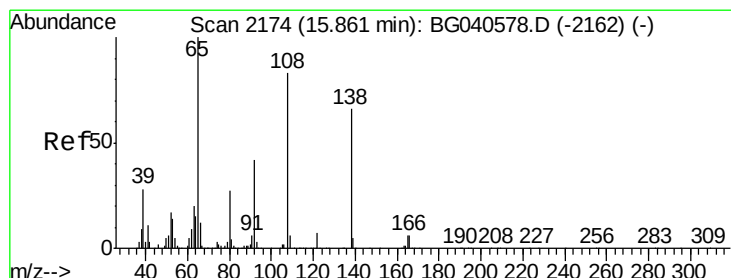
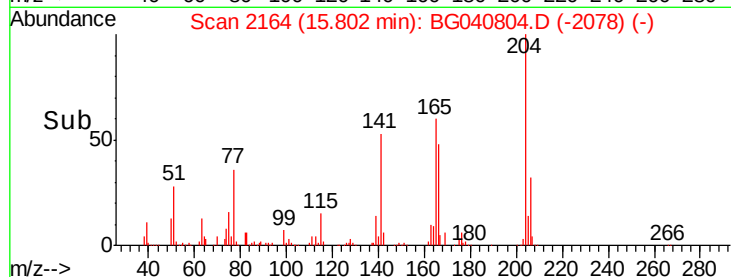
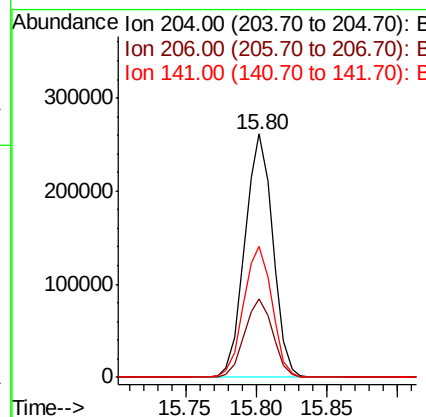
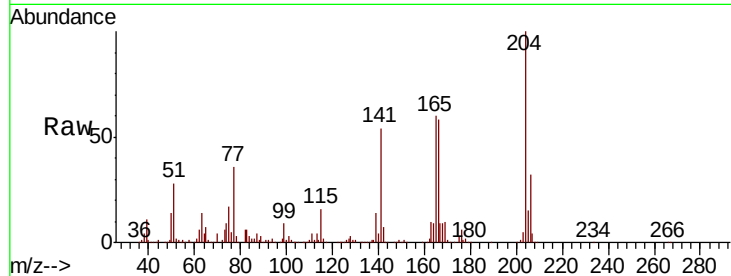
#61
4-Chlorophenyl-phenylether
Concen: 42.504 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	27.4	41.2
141	53.9	46.0	69.0

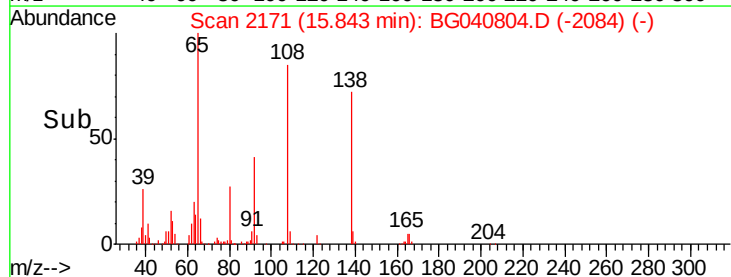
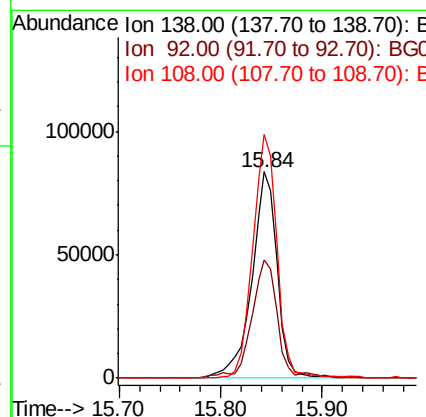
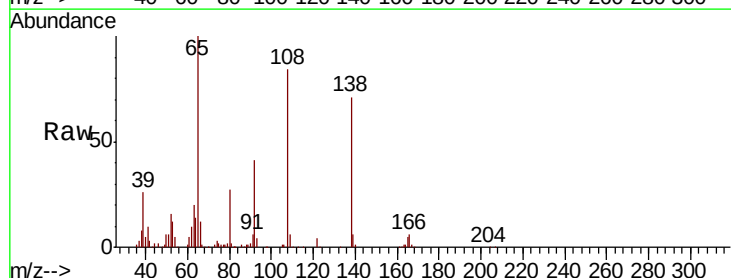
Manual Integrations
APPROVED

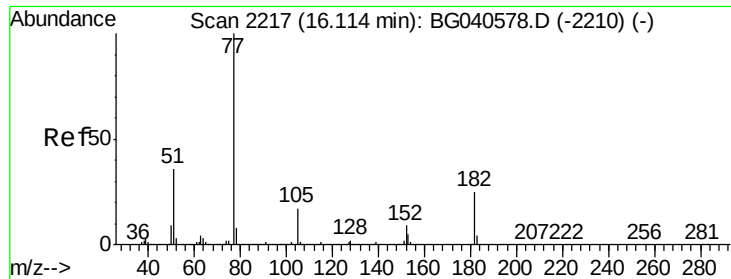
Sohil
5/9/2019 6:47:33 PM



#62
4-Nitroaniline
Concen: 41.803 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.1	43.9	83.9
108	118.0	106.5	146.5





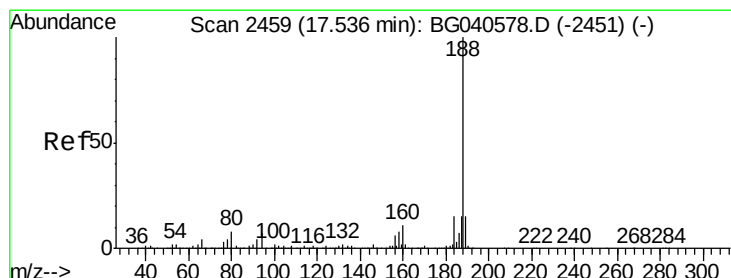
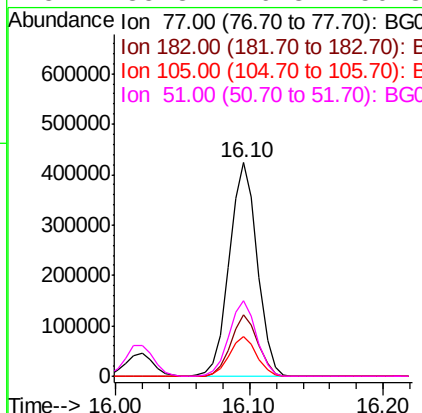
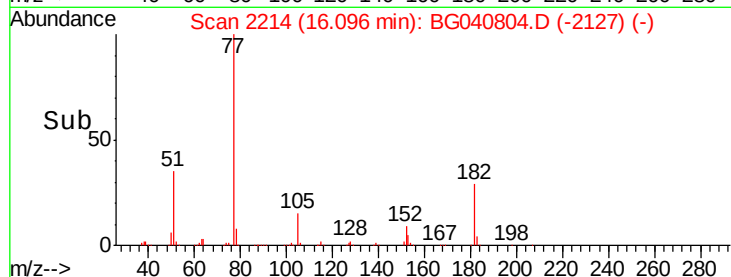
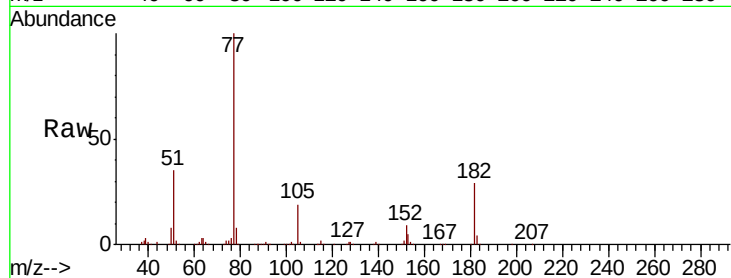
#63
Azobenzene
Concen: 36.922 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.6	5.0	45.0		
105	18.6	0.0	37.6		
51	35.3	16.3	56.3		

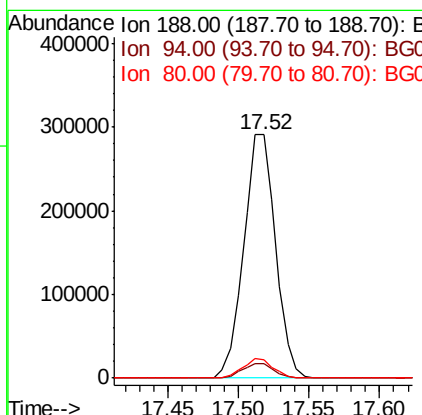
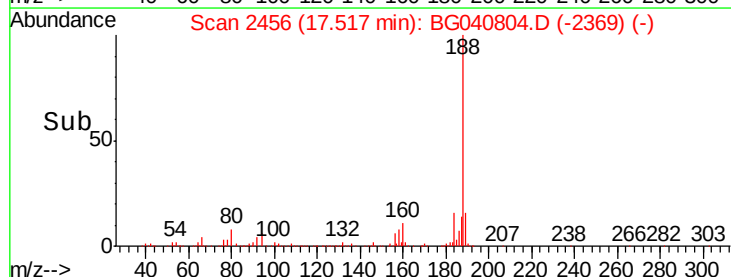
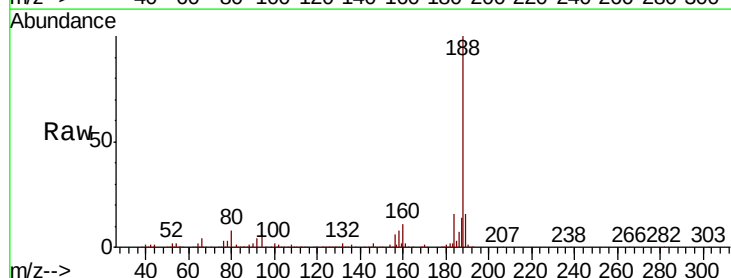
Manual Integrations
APPROVED

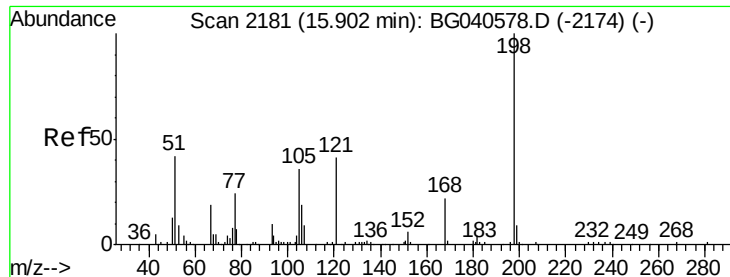
Sohil
5/9/2019 6:47:33 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.8	5.6	8.4		
80	7.5	6.4	9.6		





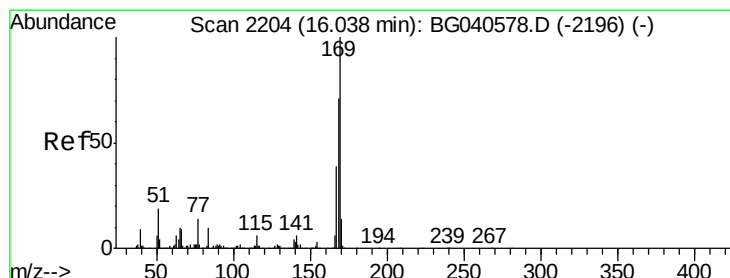
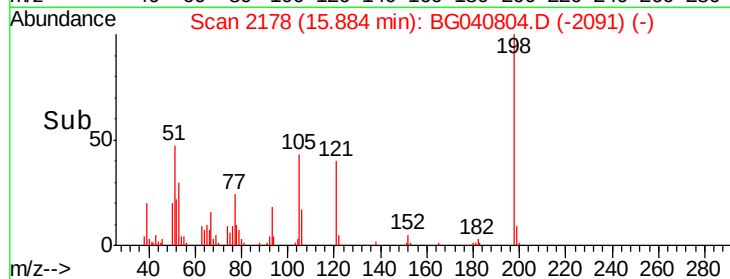
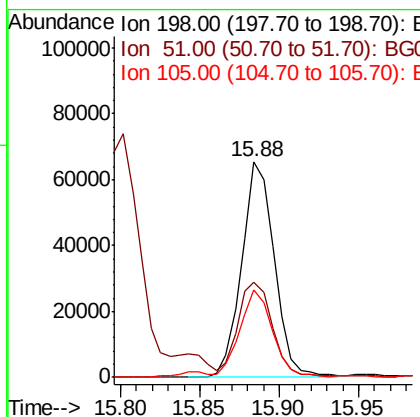
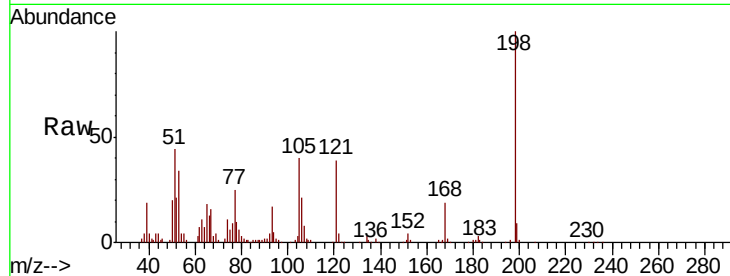
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.433 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BG040804.D
 Acq: 9 May 2019 3:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.3	35.9	75.9
105	40.5	21.2	61.2

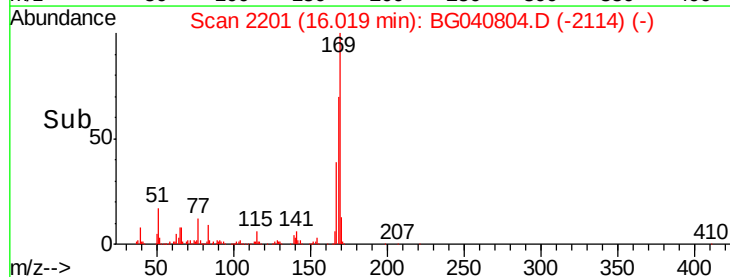
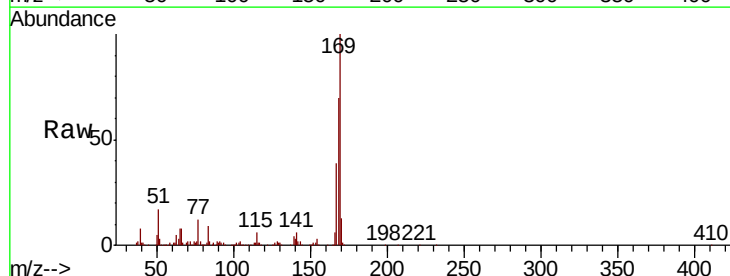
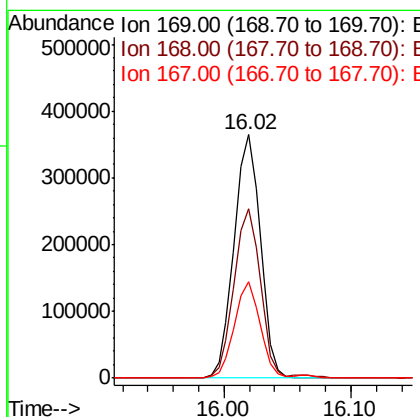
Manual Integrations
 APPROVED

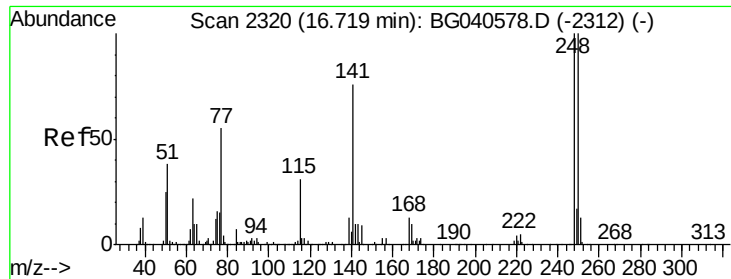
Sohil
 5/9/2019 6:47:33 PM



#66
 n-Nitrosodiphenylamine
 Concen: 38.802 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG040804.D
 Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.8	56.8	85.2
167	39.4	31.4	47.0





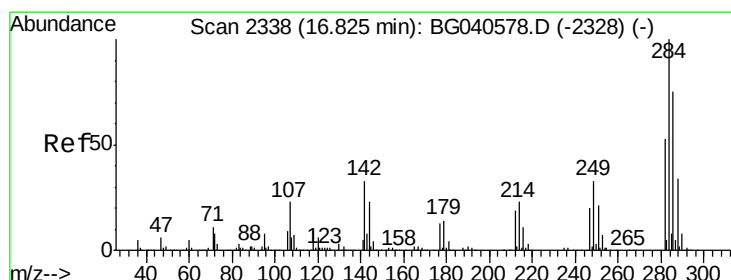
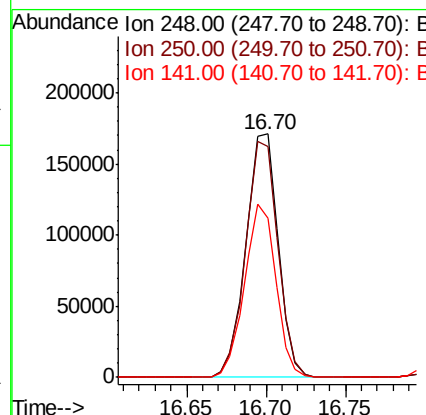
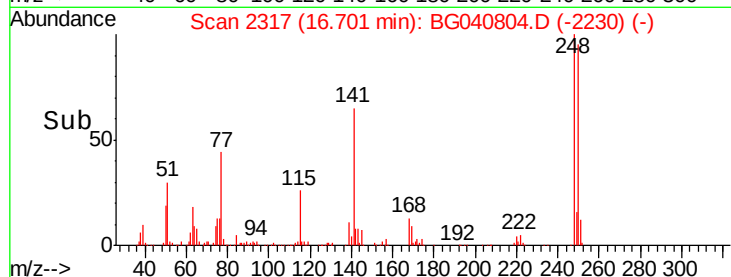
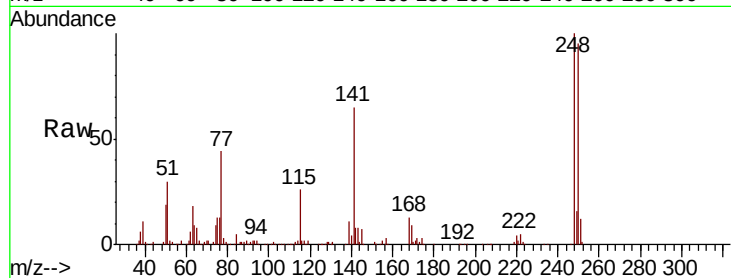
#67
4-Bromophenyl-phenylether
Concen: 42.377 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	79.8	119.6
141	65.4	60.8	91.2

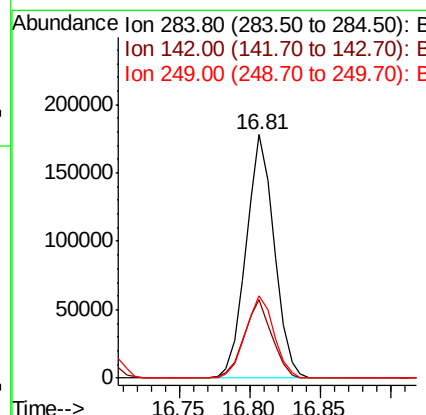
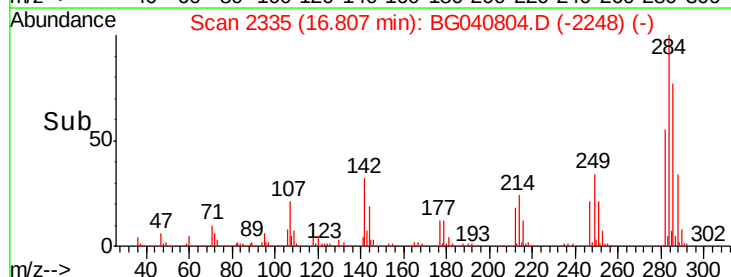
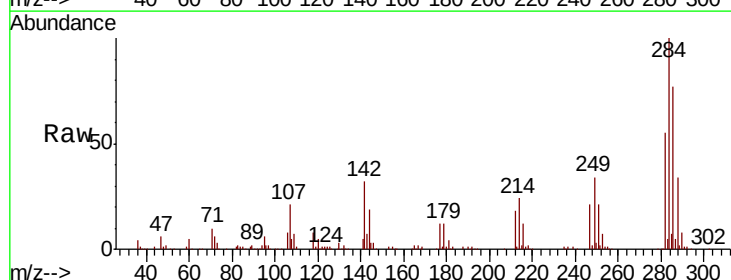
Manual Integrations
APPROVED

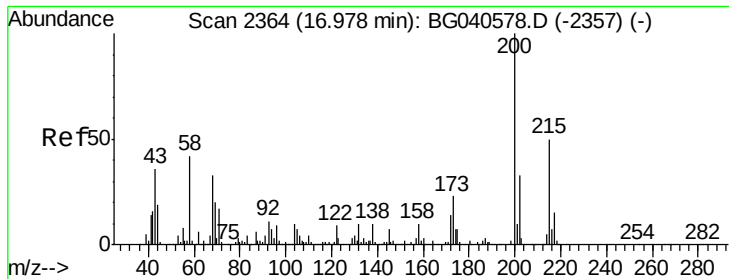
Sohil
5/9/2019 6:47:33 PM



#68
Hexachlorobenzene
Concen: 41.970 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	26.6	40.0
249	33.9	26.0	39.0





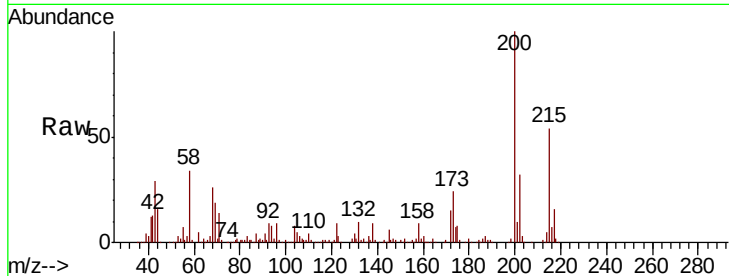
#69
Atrazine
Concen: 36.718 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
200	100		196379		
173	23.5	2.8	42.8		
215	54.2	30.2	70.2		

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM

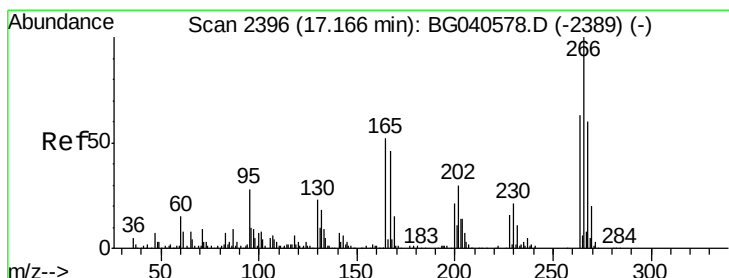
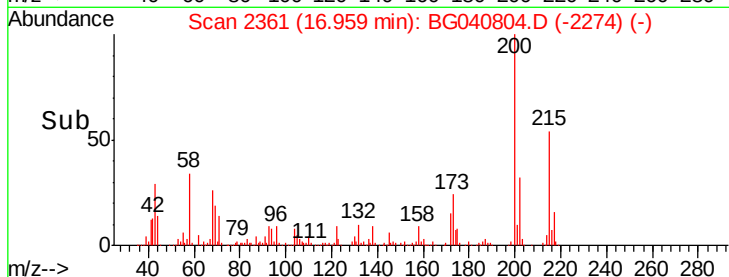
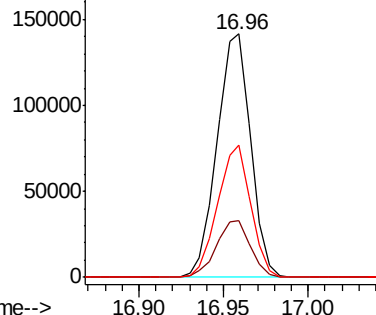


Abundance

Ion 200.00 (199.70 to 200.70): E

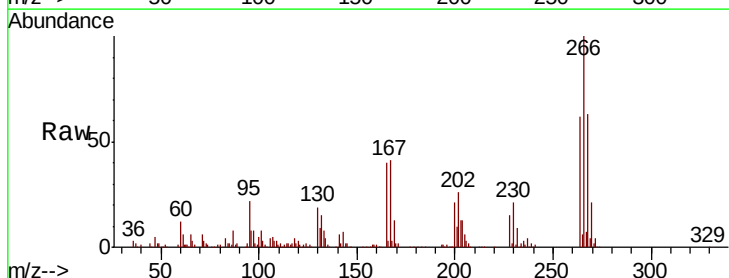
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 42.929 ng
RT: 17.15 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100		148481		
268	63.3	52.3	78.5		
264	62.1	50.0	75.0		

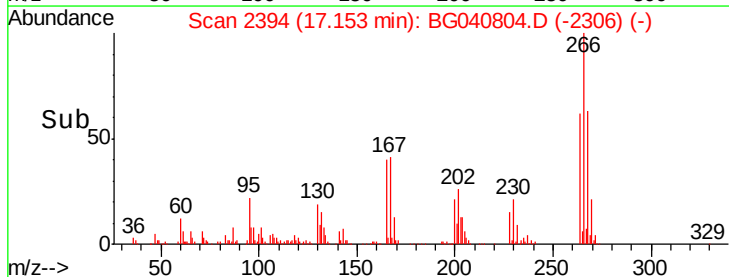
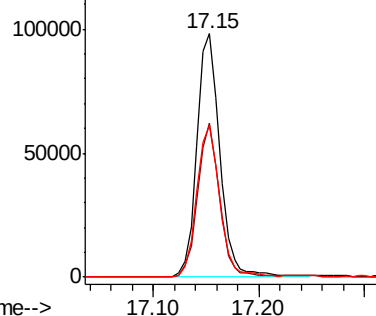


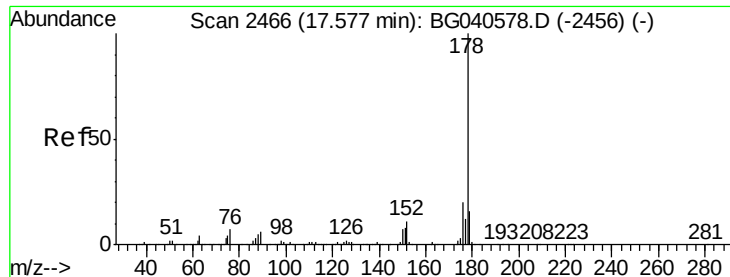
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





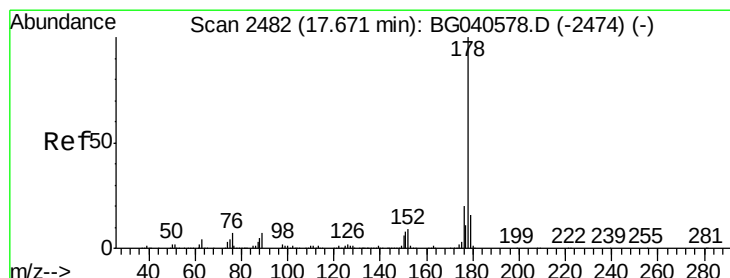
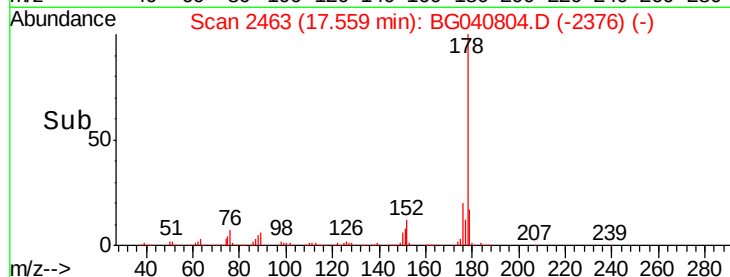
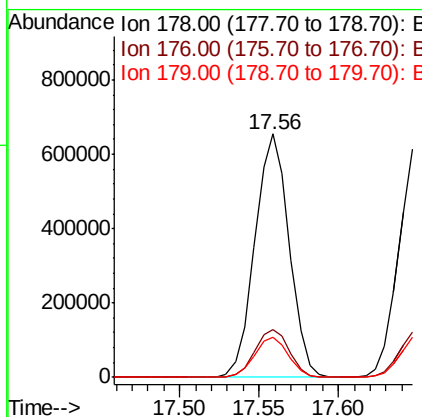
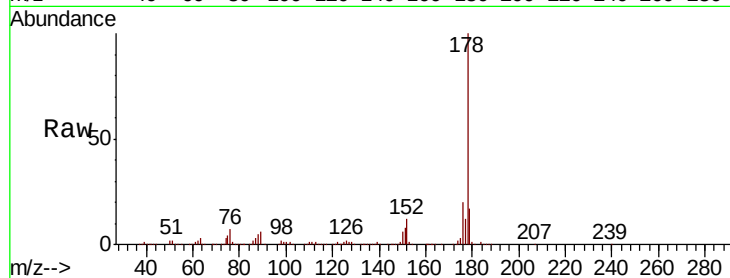
#71
Phenanthrene
Concen: 39.802 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	16.7	12.6	18.8

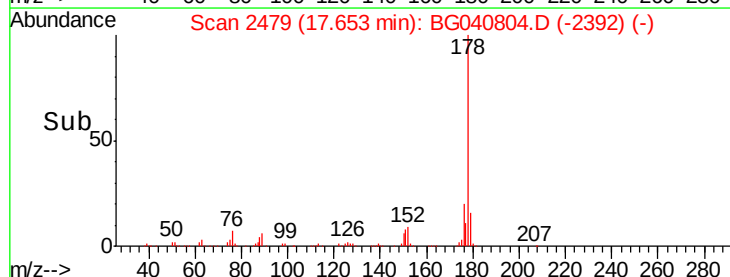
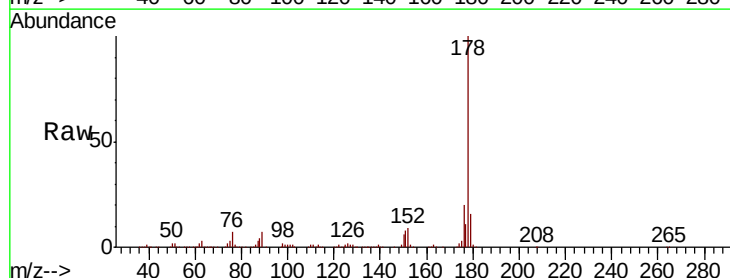
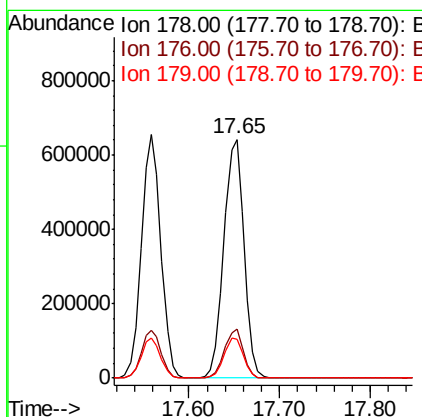
Manual Integrations
APPROVED

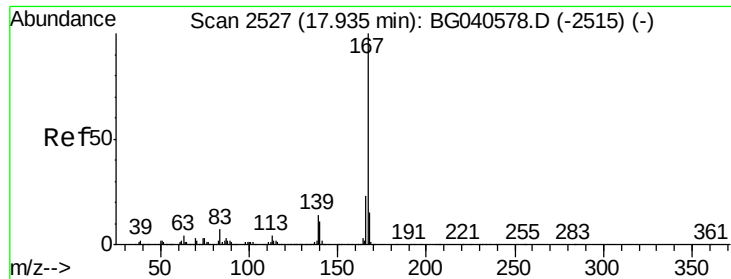
Sohil
5/9/2019 6:47:33 PM



#72
Anthracene
Concen: 39.671 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.6	23.4
179	16.3	12.9	19.3





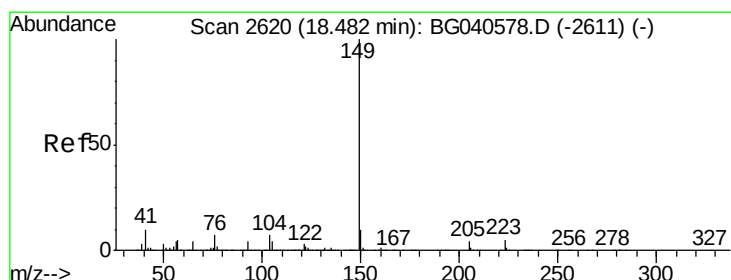
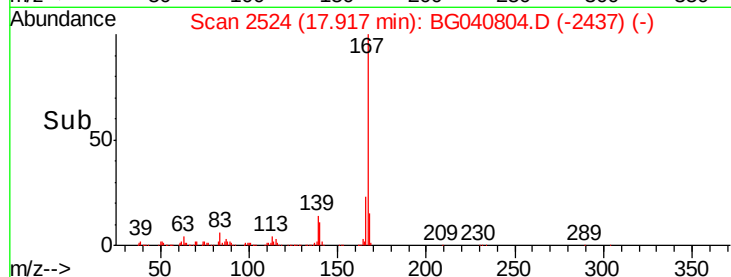
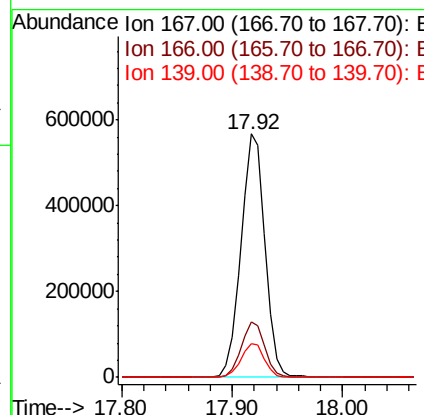
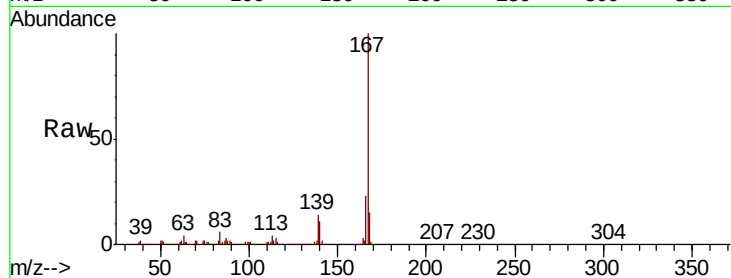
#73
 Carbazole
 Concen: 38.174 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040804.D
 Acq: 9 May 2019 3:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	13.8	11.4	17.0

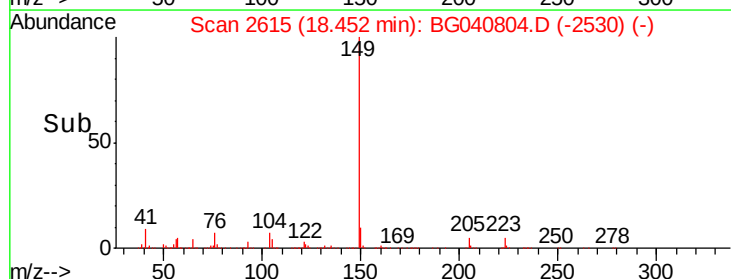
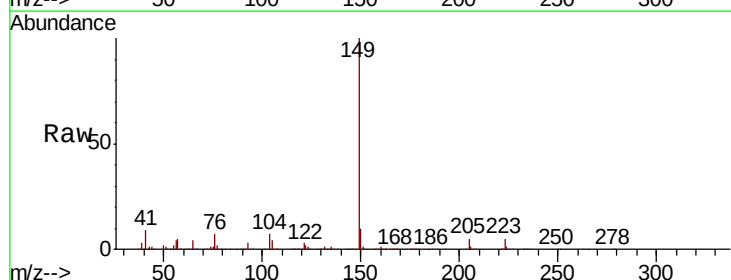
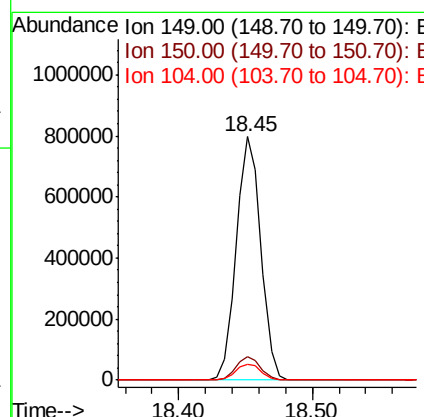
Manual Integrations
 APPROVED

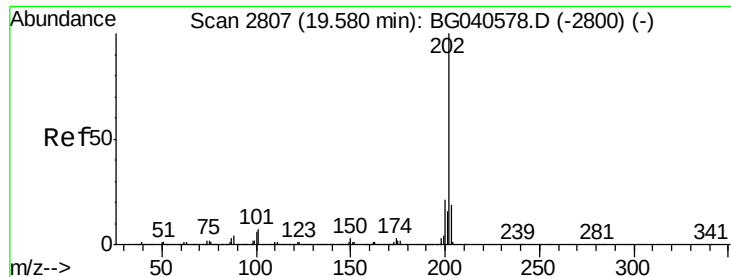
Sohil
 5/9/2019 6:47:33 PM



#74
 Di-n-butylphthalate
 Concen: 37.414 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.03 min
 Lab File: BG040804.D
 Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	6.7	5.4	8.2





#75

Fluoranthene

Concen: 40.513 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Instrument :

BNA_G

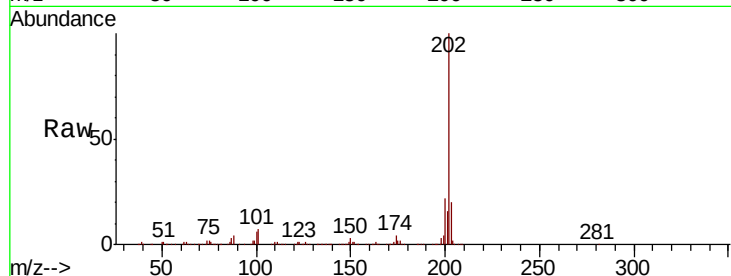
ClientSampleId :

SSTDCCC040

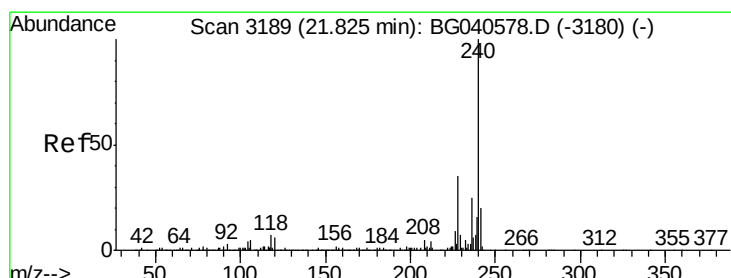
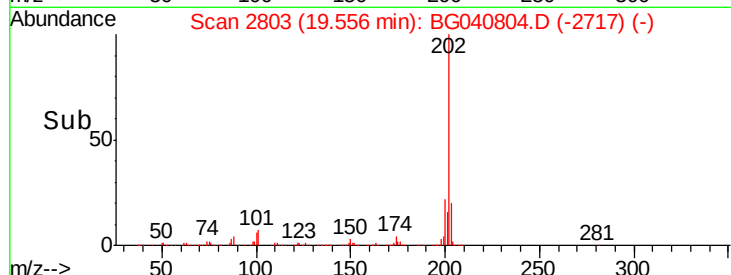
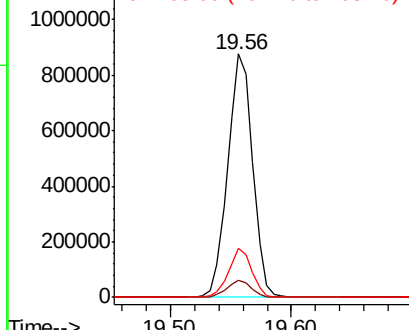
Tot Ion:	202	Resp:	1247697
Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	27.5
203	19.9	0.0	39.3

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

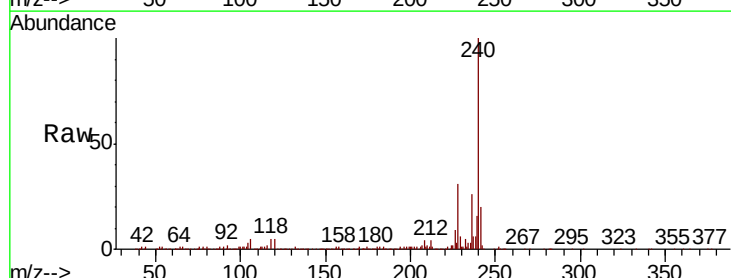
RT: 21.80 min Scan# 3185

Delta R.T. -0.02 min

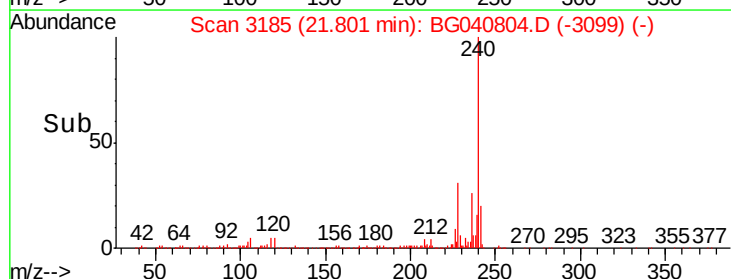
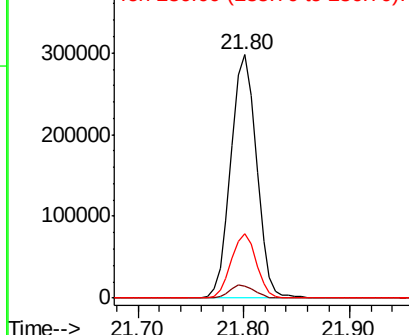
Lab File: BG040804.D

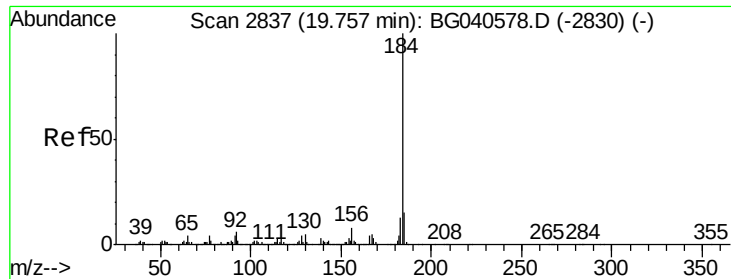
Acq: 9 May 2019 3:17

Tgt Ion:	240	Resp:	502116
Ion	Ratio	Lower	Upper
240	100		
120	4.8	5.0	7.6#
236	26.2	20.3	30.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.491 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Instrument :

BNA_G

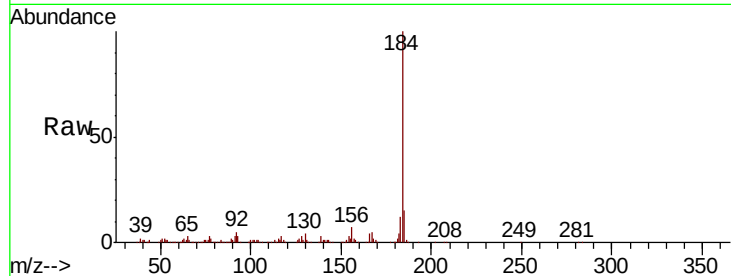
ClientSampleId :

SSTDCCC040

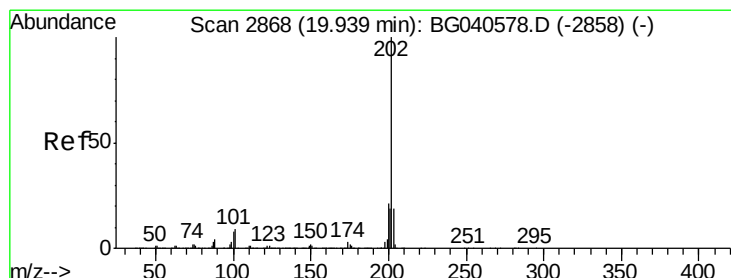
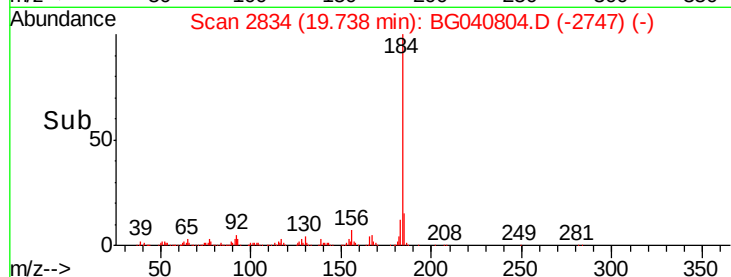
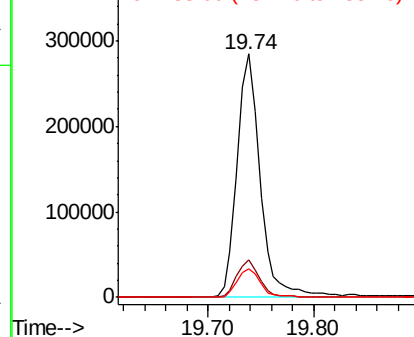
Tot Ion:	184	Resp:	432950
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.8	17.8
183	11.9	10.2	15.2

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.499 ng

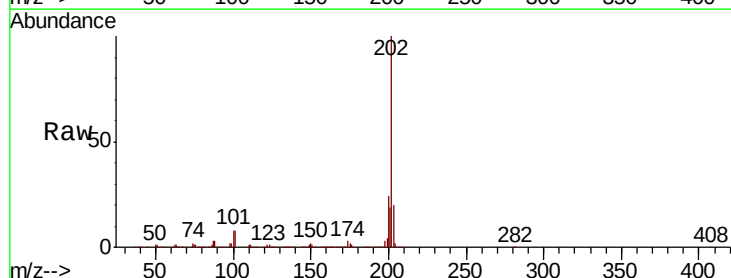
RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

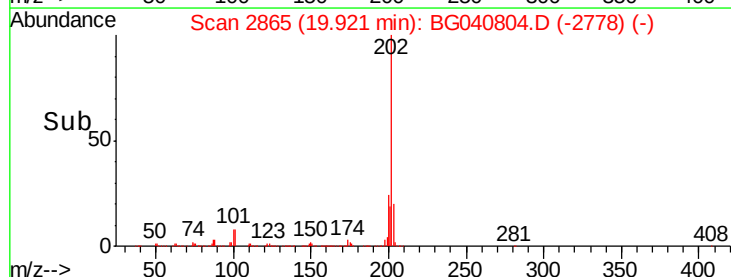
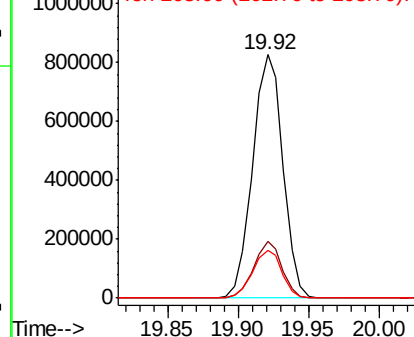
Lab File: BG040804.D

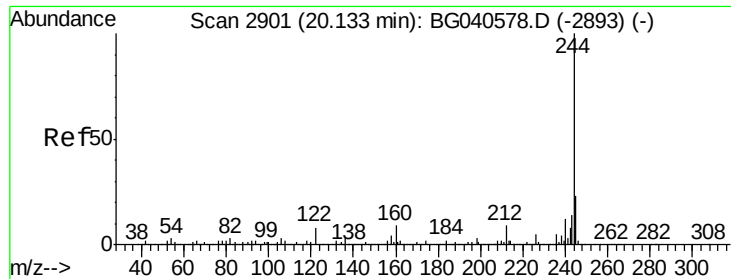
Acq: 9 May 2019 3:17

Tgt Ion:	202	Resp:	1243040
Ion Ratio	Lower	Upper	
202	100		
200	23.5	17.2	25.8
203	19.5	15.0	22.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





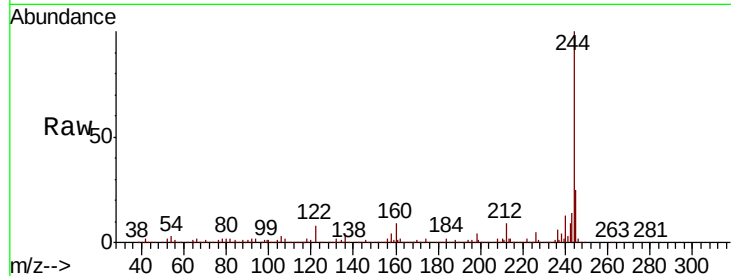
#79
Terphenyl-d14
Concen: 78.617 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.2	10.8
122	7.9	6.6	10.0

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM

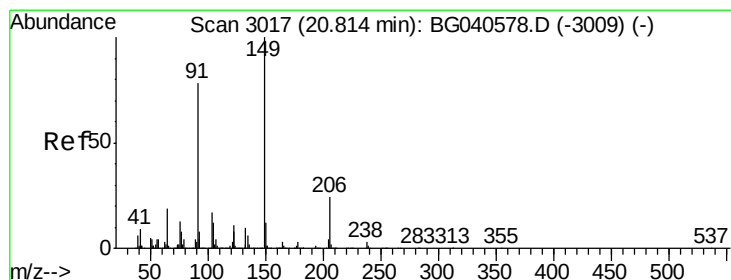
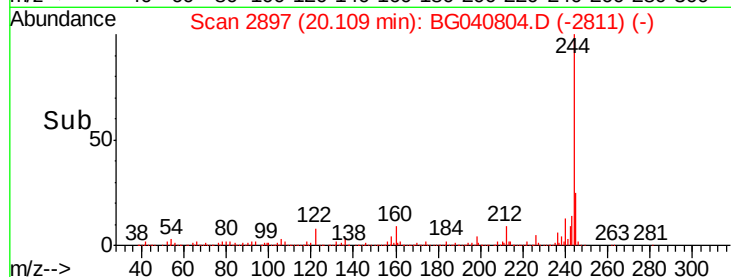
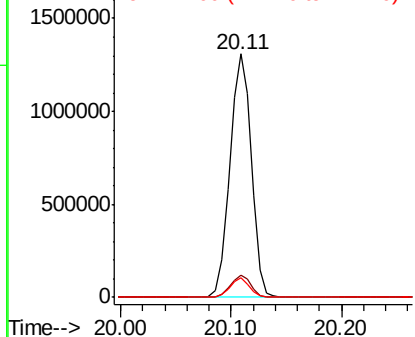


Abundance

Ion 244.00 (243.70 to 244.70): E

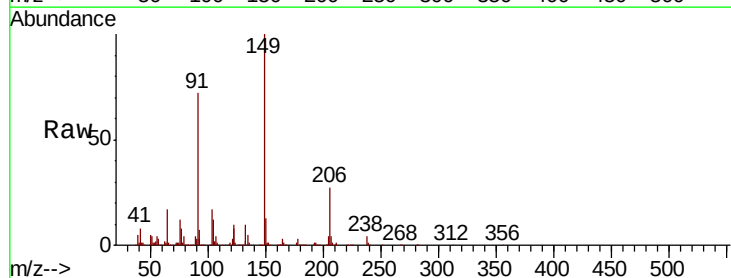
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
Butylbenzylphthalate
Concen: 37.883 ng
RT: 20.79 min Scan# 3013
Delta R.T. -0.02 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.7	62.6	93.8
206	27.0	19.4	29.2

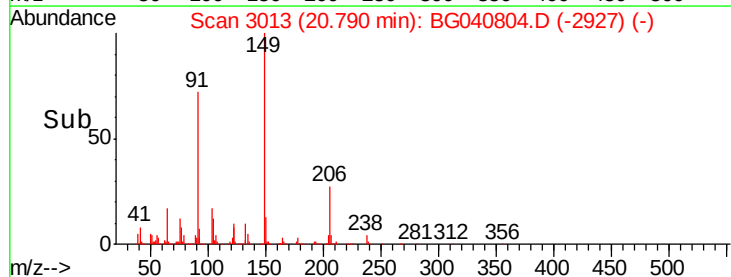
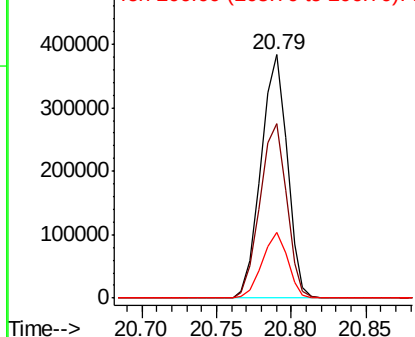


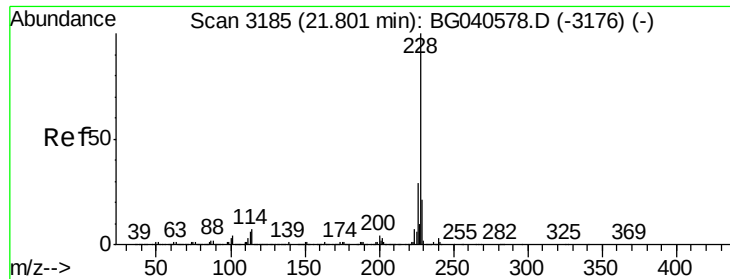
Abundance

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: 39.239 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1245198

Ion Ratio Lower Upper

228 100

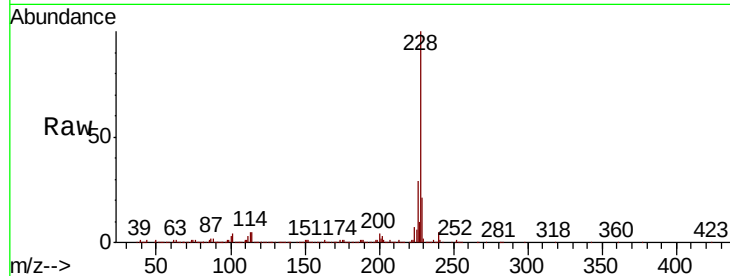
226 29.2 23.1 34.7

229 20.8 17.0 25.4

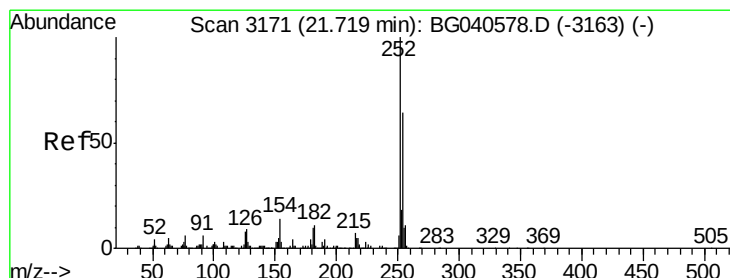
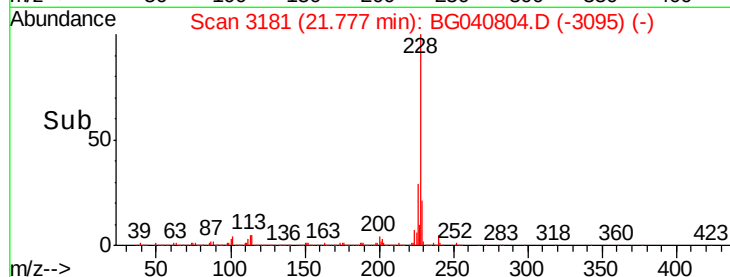
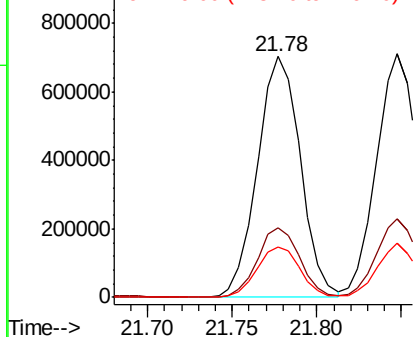
Manual Integrations
APPROVED

Sohil

5/9/2019 6:47:33 PM



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



#82

3,3'-Dichlorobenzidine

Concen: 37.916 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

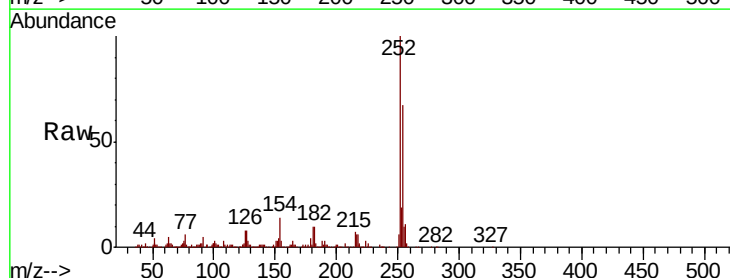
Tgt Ion:252 Resp: 428858

Ion Ratio Lower Upper

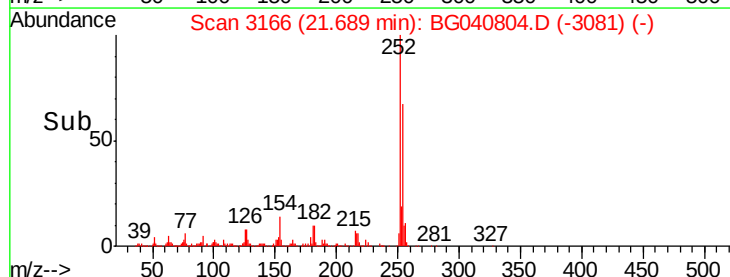
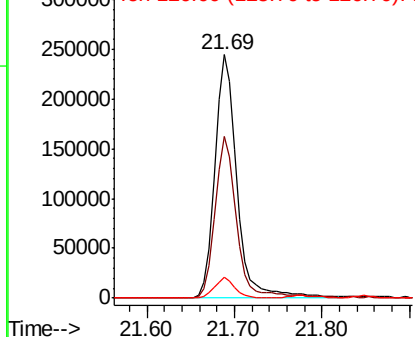
252 100

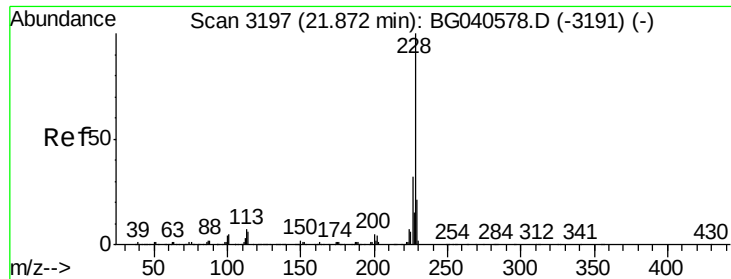
254 66.6 51.2 76.8

126 8.5 6.6 10.0



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





#83

Chrysene

Concen: 40.163 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Instrument :

BNA_G

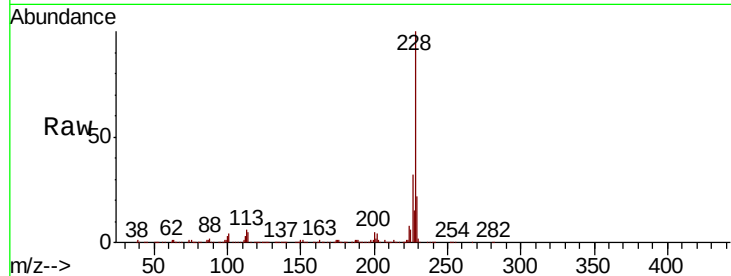
ClientSampleId :

SSTDCCC040

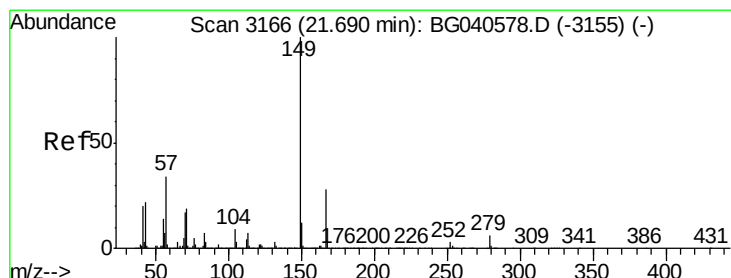
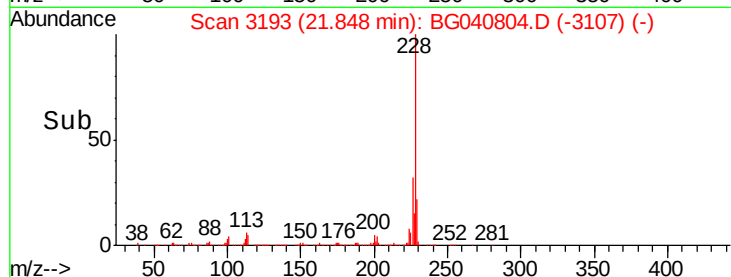
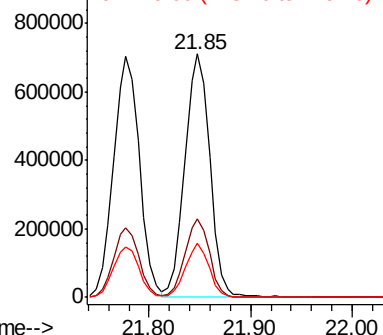
Tot Ion:	228	Resp:	1212137
Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.5	38.3
229	22.2	16.8	25.2

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.465 ng

RT: 21.65 min Scan# 3159

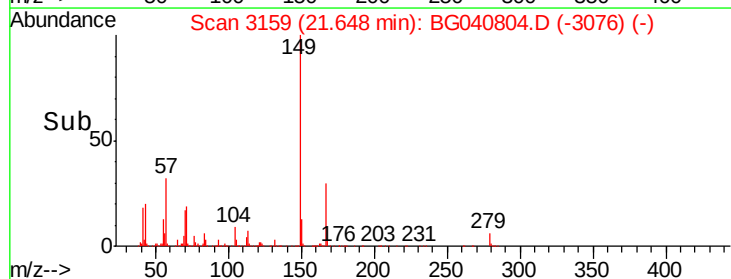
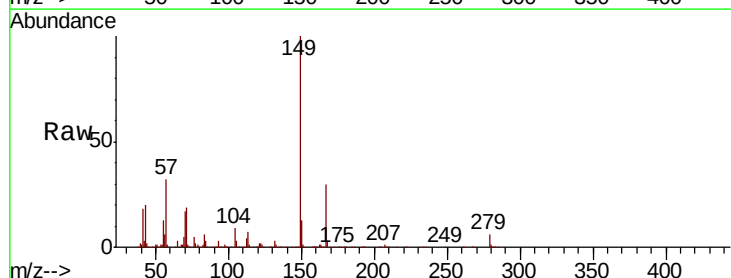
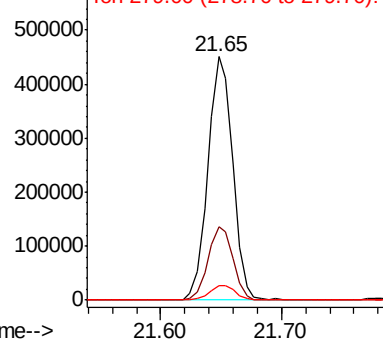
Delta R.T. -0.04 min

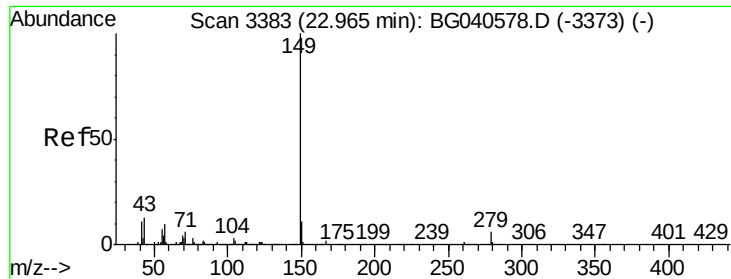
Lab File: BG040804.D

Acq: 9 May 2019 3:17

Tgt Ion:	149	Resp:	645635
Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.4	33.6
279	6.2	4.6	6.8

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





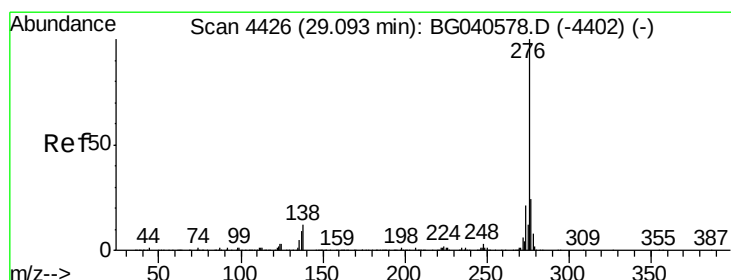
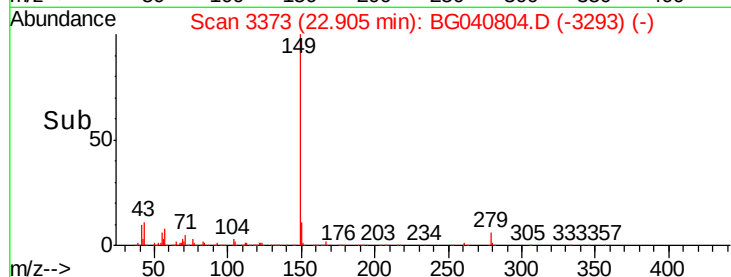
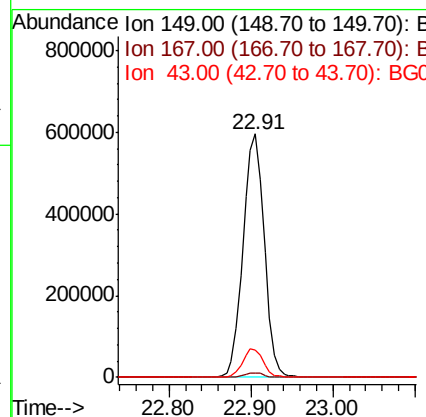
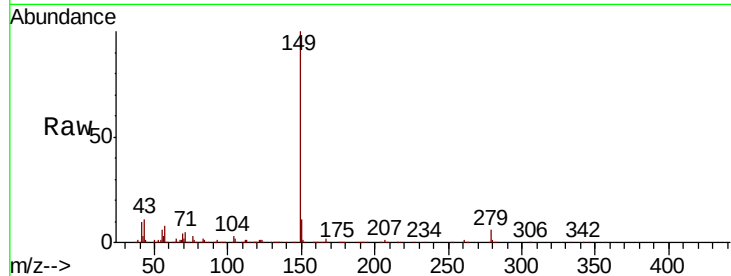
#85
Di-n-octyl phthalate
Concen: 36.106 ng
RT: 22.91 min Scan# 3373
Delta R.T. -0.06 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	11.6	10.2	15.2

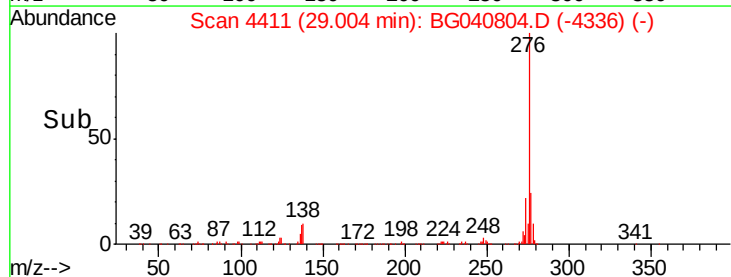
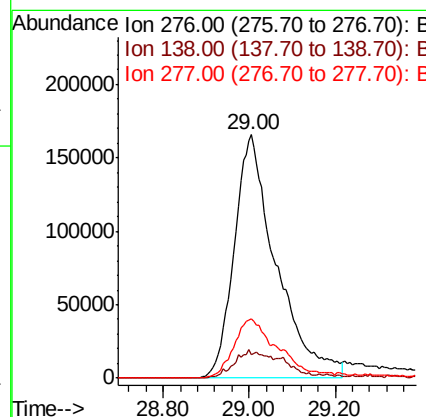
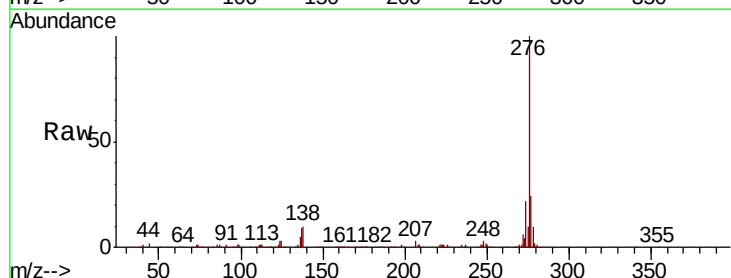
Manual Integrations
APPROVED

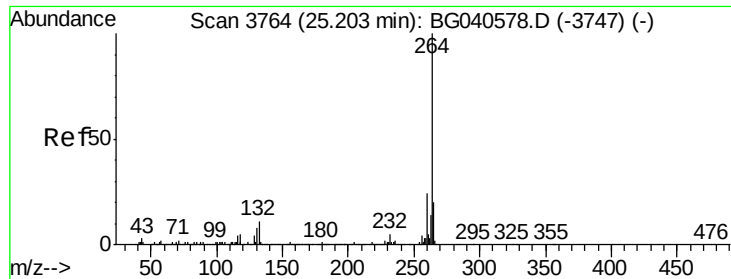
Sohil
5/9/2019 6:47:33 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 30.761 ng
RT: 29.00 min Scan# 4411
Delta R.T. -0.09 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.3	9.8	14.6#
277	25.3	17.3	25.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Instrument :

BNA_G

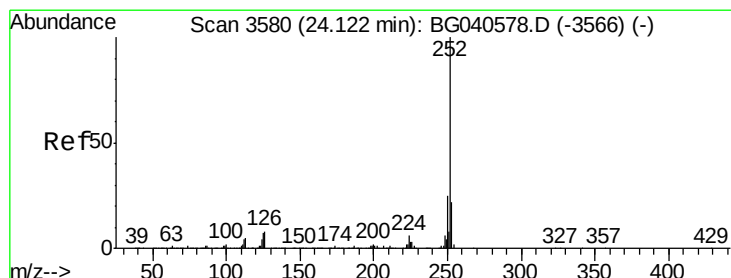
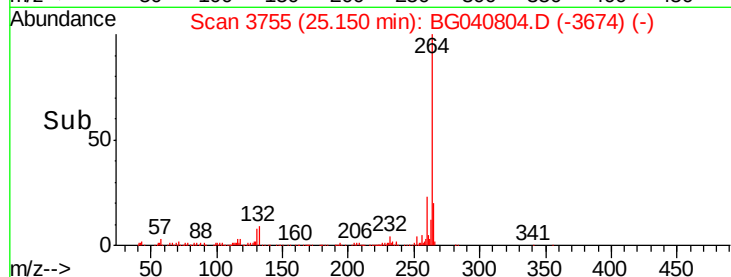
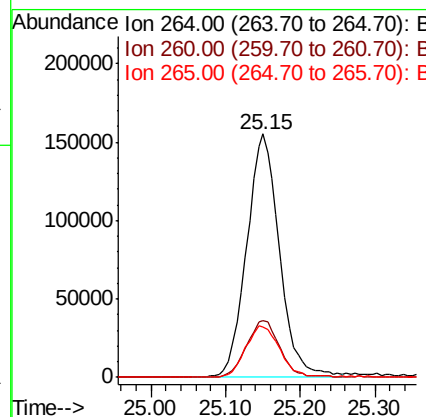
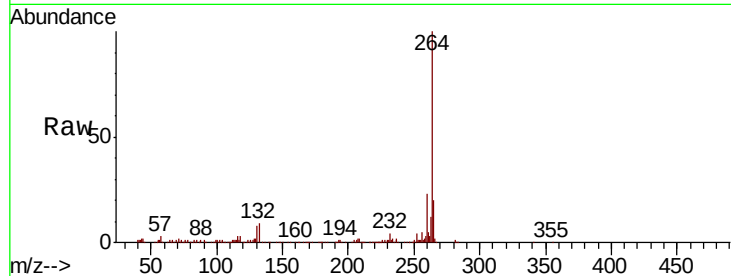
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	473138
Ion Ratio		Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.4	16.6	25.0

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM



#88

Benzo(b)fluoranthene

Concen: 41.178 ng

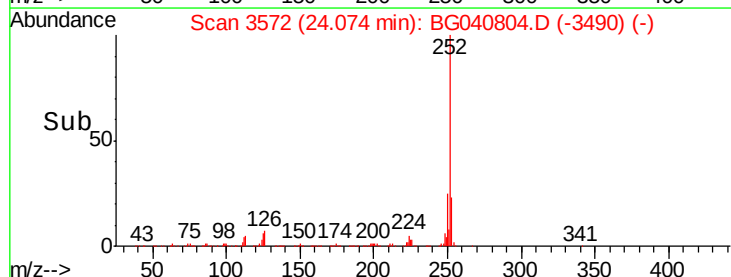
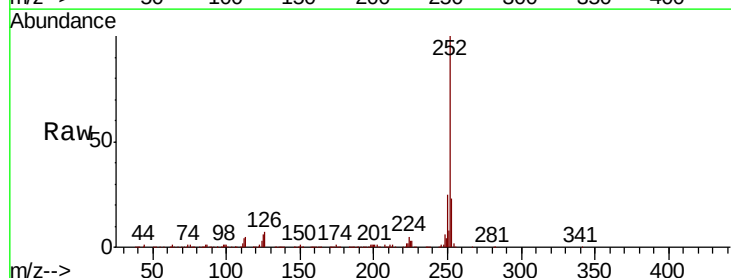
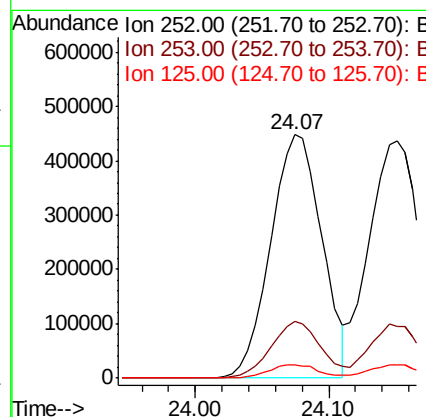
RT: 24.07 min Scan# 3572

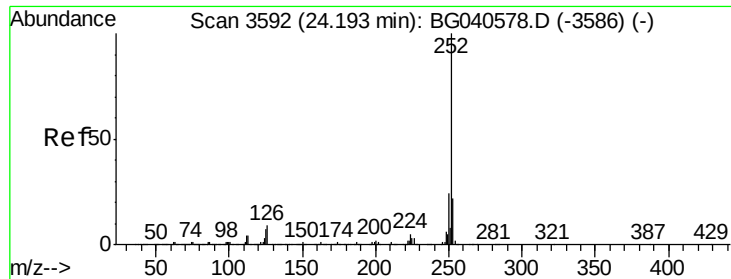
Delta R.T. -0.05 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Tgt Ion:	252	Resp:	1190577
Ion Ratio		Lower	Upper
252	100		
253	23.1	17.6	26.4
125	5.6	5.4	8.0





#89

Benzo(k)fluoranthene

Concen: 42.972 ng

RT: 24.15 min Scan# 3585

Delta R.T. -0.04 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1160319

Ion Ratio Lower Upper

252 100

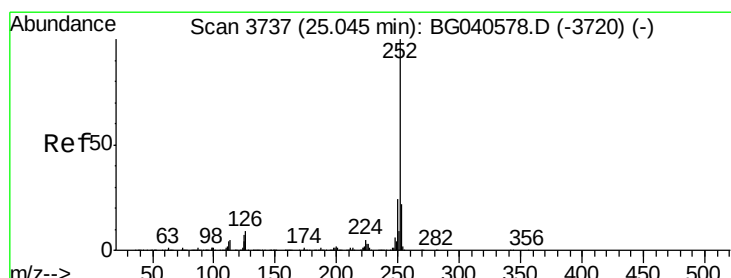
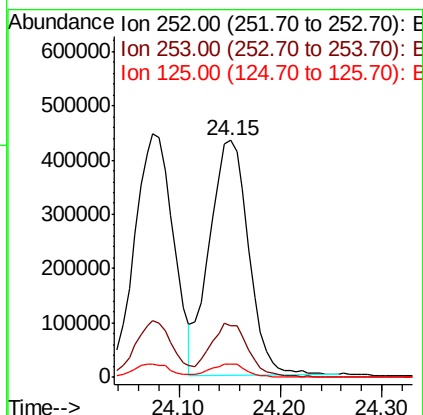
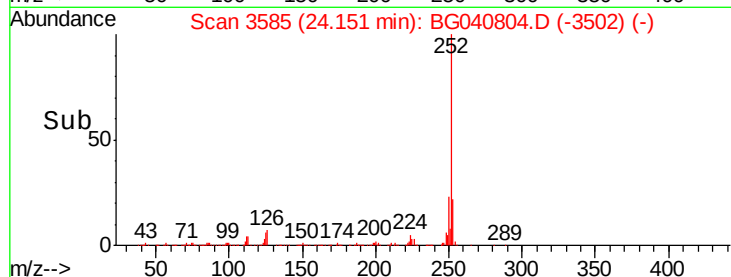
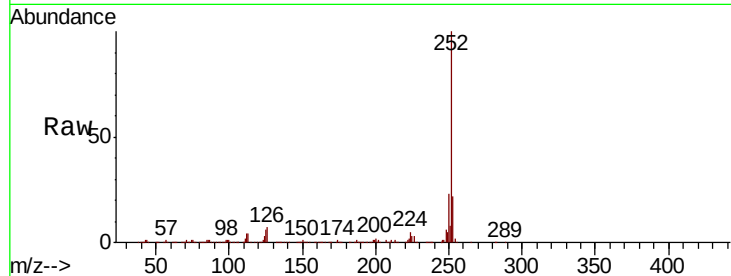
253 21.6 17.6 26.4

125 5.6 5.5 8.3

Manual Integrations
APPROVED

Sohil

5/9/2019 6:47:33 PM



#90

Benzo(a)pyrene

Concen: 40.572 ng

RT: 25.00 min Scan# 3729

Delta R.T. -0.05 min

Lab File: BG040804.D

Acq: 9 May 2019 3:17

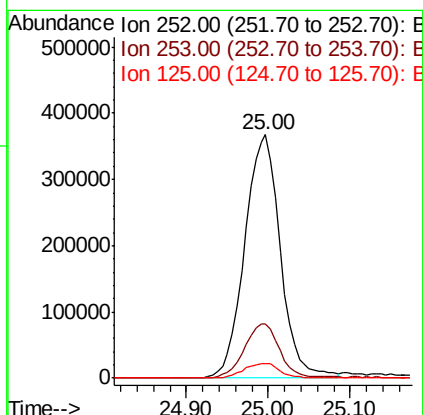
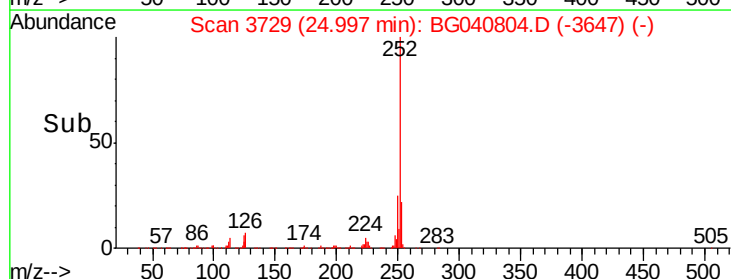
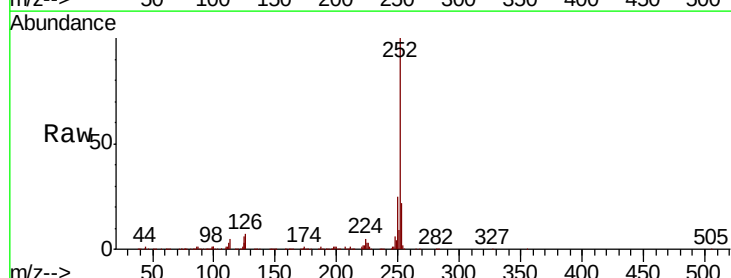
Tgt Ion:252 Resp: 1110378

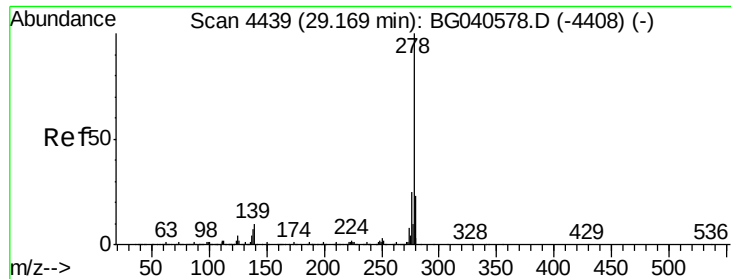
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 6.0 5.7 8.5





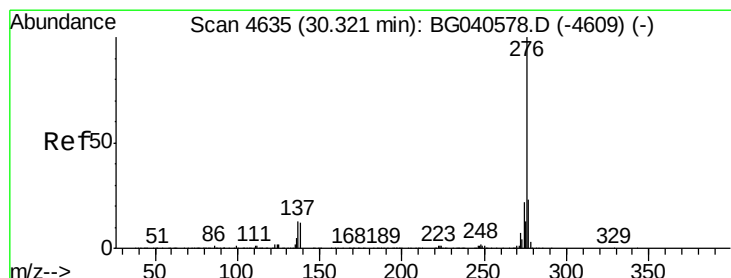
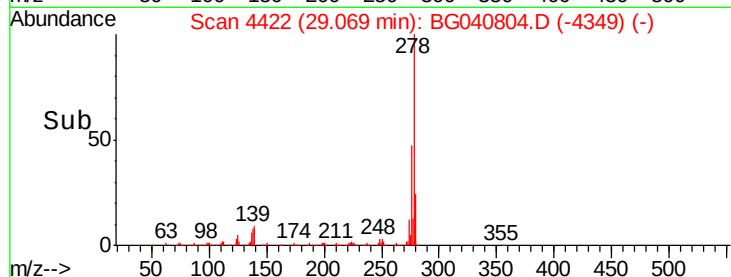
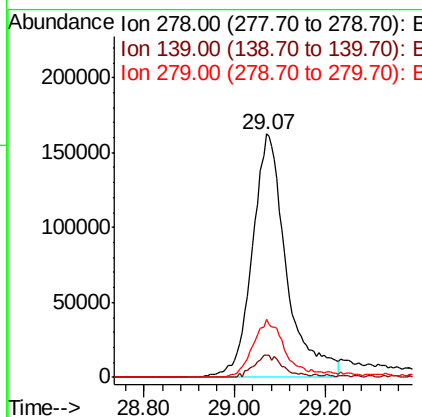
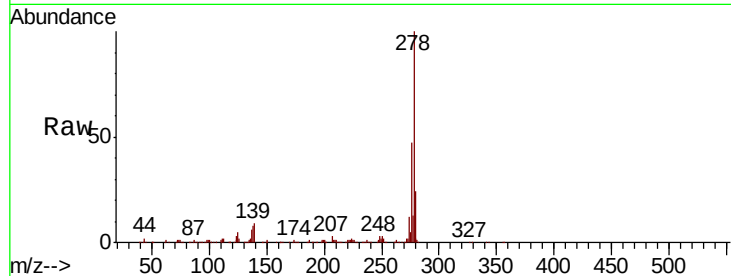
#91
Dibenzo(a,h)anthracene
Concen: 30.585 ng
RT: 29.07 min Scan# 4422
Delta R.T. -0.10 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	8.2	12.4
279	24.0	18.5	27.7

Manual Integrations
APPROVED

Sohil
5/9/2019 6:47:33 PM



#92
Benzo(g,h,i)perylene
Concen: 32.207 ng
RT: 30.22 min Scan# 4618
Delta R.T. -0.10 min
Lab File: BG040804.D
Acq: 9 May 2019 3:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.4	27.6
138	11.6	9.8	14.6

