

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041584.D
 Acq On : 3 Jul 2019 10:45
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 7/5/2019 8:42:46 AM

Quant Time: Jul 03 13:30:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	24692	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	89767	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	61733	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	168009	20.00	ng	0.00
76) Chrysene-d12	21.70	240	205006	20.00	ng	0.00
87) Perylene-d12	24.98	264	224743	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	108075	78.03	ng	0.00
7) Phenol-d6	7.19	99	144454	74.09	ng	0.00
23) Nitrobenzene-d5	9.21	82	169401	78.71	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	83718	79.43	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	382568	79.53	ng	0.00
79) Terphenyl-d14	20.02	244	734703	76.16	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	23833	38.015	ng	97
3) Pyridine	3.83	79	60347	37.938	ng	96
4) n-Nitrosodimethylamine	3.75	42	34483	38.957	ng	94
6) Aniline	7.36	93	92983	36.999	ng	91
8) 2-Chlorophenol	7.59	128	57541	37.046	ng	93
9) Benzaldehyde	7.17	77	40986	34.810	ng	93
10) Phenol	7.22	94	73287	37.297	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	56271	36.111	ng	99
12) 1,3-Dichlorobenzene	7.91	146	77074	38.359	ng	98
13) 1,4-Dichlorobenzene	8.07	146	79280	39.140	ng	96
14) 1,2-Dichlorobenzene	8.38	146	75128	38.738	ng	97
15) Benzyl Alcohol	8.28	79	58026	37.372	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	72799	33.268	ng	96
17) 2-Methylphenol	8.47	107	53227	37.212	ng	97
18) Hexachloroethane	9.11	117	29897	37.408	ng	85
19) n-Nitroso-di-n-propylamine	8.83	70	50690	34.856	ng	99
20) 3+4-Methylphenols	8.81	107	69936	36.684	ng	97
22) Acetophenone	8.87	105	102191	37.952	ng	# 96
24) Nitrobenzene	9.25	77	82517	38.195	ng	99
25) Isophorone	9.77	82	140360	36.323	ng	99
26) 2-Nitrophenol	9.97	139	33374	36.990	ng	97
27) 2,4-Dimethylphenol	10.01	122	47780	38.050	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	74197	36.311	ng	98
29) 2,4-Dichlorophenol	10.51	162	66920	39.455	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	87109	40.071	ng	94
31) Naphthalene	10.90	128	191315	38.538	ng	98
32) Benzoic acid	10.15	122	15180m	27.566	ng	
33) 4-Chloroaniline	11.02	127	78264	37.452	ng	98
34) Hexachlorobutadiene	11.16	225	71358	41.353	ng	97
35) Caprolactam	11.82	113	19190	36.235	ng	97
36) 4-Chloro-3-methylphenol	12.14	107	66206	36.026	ng	98
37) 2-Methylnaphthalene	12.50	142	135915	37.059	ng	99
38) 1-Methylnaphthalene	12.72	142	128477	36.719	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	110354	40.596	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041584.D
 Acq On : 3 Jul 2019 10:45
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDC0040

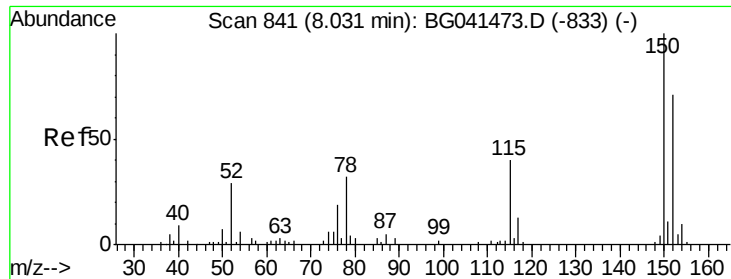
Manual Integrations
 APPROVED

mohammad
 7/5/2019 8:42:46 AM

Quant Time: Jul 03 13:30:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	48413	34.976	nq	93
43) 2,4,6-Trichlorophenol	13.11	196	63397	39.309	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	62540	38.923	nq	98
46) 1,1'-Biphenyl	13.51	154	189823	38.953	nq	99
47) 2-Chloronaphthalene	13.55	162	166055	39.691	nq	99
48) 2-Nitroaniline	13.77	65	52389	36.939	nq #	87
49) Acenaphthylene	14.40	152	242420	38.766	nq	99
50) Dimethylphthalate	14.12	163	215804	38.414	nq	98
51) 2,6-Dinitrotoluene	14.26	165	46177	38.733	nq	92
52) Acenaphthene	14.74	154	142010	38.295	nq	98
53) 3-Nitroaniline	14.60	138	41701	36.640	nq	95
54) 2,4-Dinitrophenol	14.84	184	7032	15.969	nq #	80
55) Dibenzofuran	15.07	168	253395	39.251	nq	99
56) 4-Nitrophenol	14.92	139	25460	34.663	nq	83
57) 2,4-Dinitrotoluene	15.05	165	67436	38.991	nq #	98
58) Fluorene	15.72	166	202934	39.513	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	69401m	40.972	nq	
60) Diethylphthalate	15.48	149	217552	37.832	nq	98
61) 4-Chlorophenyl-phenylether	15.71	204	130372	39.355	nq	99
62) 4-Nitroaniline	15.76	138	42510	38.324	nq	93
63) Azobenzene	16.00	77	183055	37.756	nq	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	24687	23.725	nq	93
66) n-Nitrosodiphenylamine	15.93	169	172116	37.223	nq	94
67) 4-Bromophenyl-phenylether	16.60	248	89323	38.905	nq	96
68) Hexachlorobenzene	16.72	284	98052	39.638	nq	98
69) Atrazine	16.87	200	69734	35.628	nq	93
70) Pentachlorophenol	17.08	266	36250	32.341	nq	94
71) Phenanthrene	17.47	178	363778	39.299	nq	98
72) Anthracene	17.56	178	362204	39.107	nq	99
73) Carbazole	17.84	167	313625	39.833	nq	98
74) Di-n-butylphthalate	18.36	149	383148	38.718	nq	98
75) Fluoranthene	19.48	202	510015	41.325	nq	99
77) Benzidine	19.66	184	164242	36.108	nq	98
78) Pyrene	19.84	202	524118	37.450	nq	99
80) Butylbenzylphthalate	20.70	149	187195	35.815	nq	97
81) Benzo(a)anthracene	21.68	228	556312	39.032	nq	100
82) 3,3'-Dichlorobenzidine	21.59	252	195813	39.675	nq	100
83) Chrysene	21.75	228	547058	39.654	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	269006	36.304	nq	100
85) Di-n-octyl phthalate	22.76	149	462839	36.911	nq	99
86) Indeno(1,2,3-cd)pyrene	28.77	276	654153	39.158	nq #	99
88) Benzo(b)fluoranthene	23.93	252	561083	39.142	nq	99
89) Benzo(k)fluoranthene	24.00	252	544840	38.714	nq	99
90) Benzo(a)pyrene	24.83	252	525279	38.583	nq #	99
91) Dibenzo(a,h)anthracene	28.81	278	535222	39.241	nq	100
92) Benzo(g,h,i)perylene	29.95	276	527352	38.887	nq	98

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



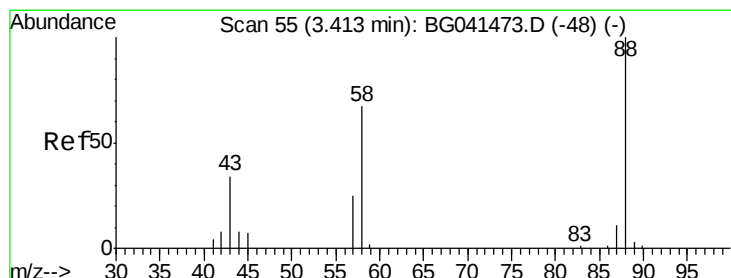
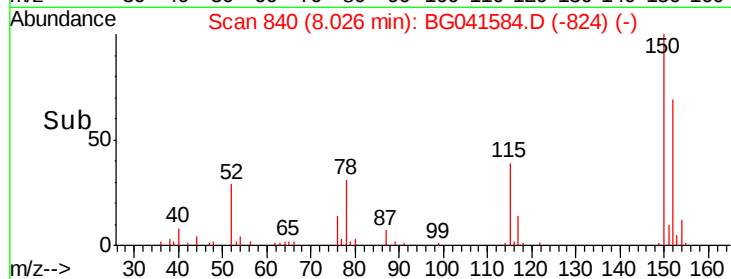
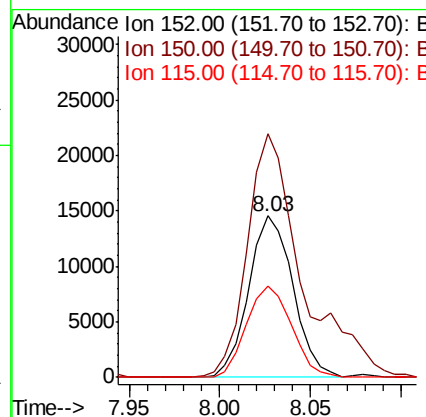
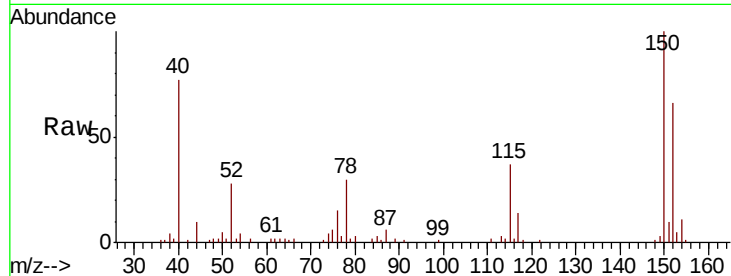
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	112.4	168.6
115	56.5	44.6	66.8

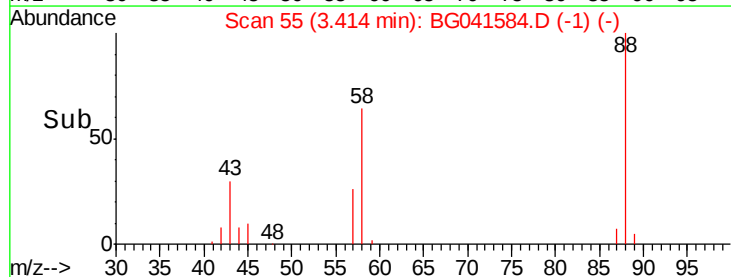
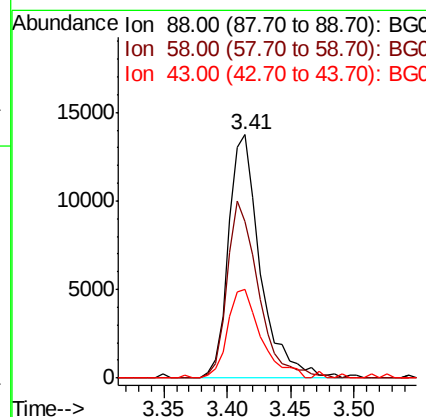
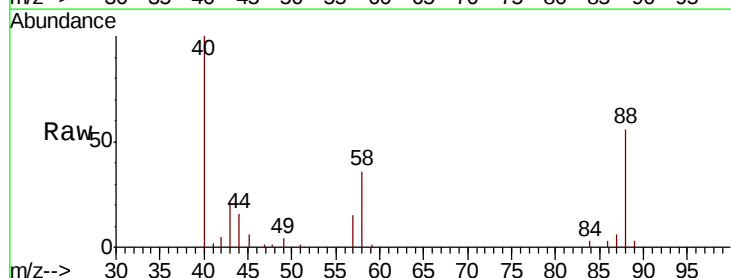
Manual Integrations
 APPROVED

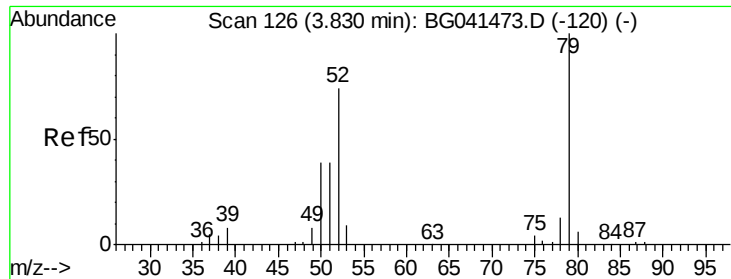
mohammad
 7/5/2019 8:42:46 AM



#2
 1,4-Dioxane
 Concen: 38.015 ng
 RT: 3.41 min Scan# 55
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	55.8	83.8
43	38.1	27.8	41.8





#3

Pvridine

Concen: 37.938 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

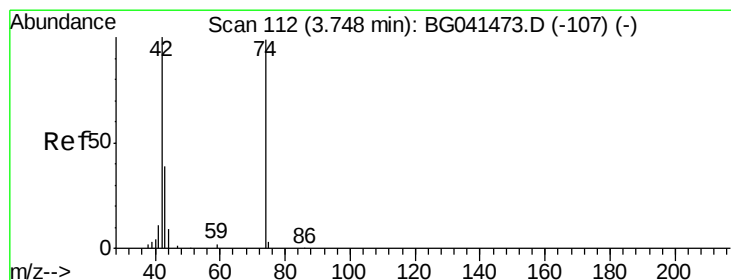
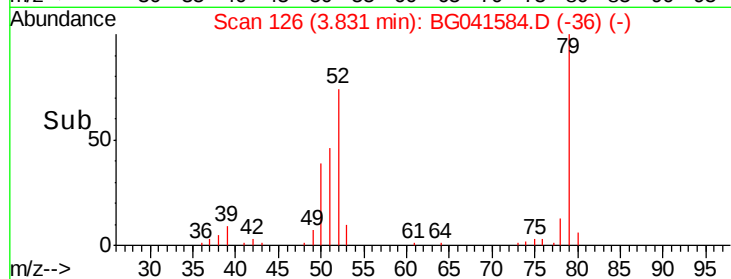
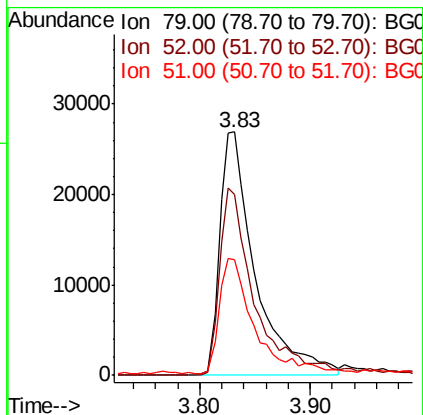
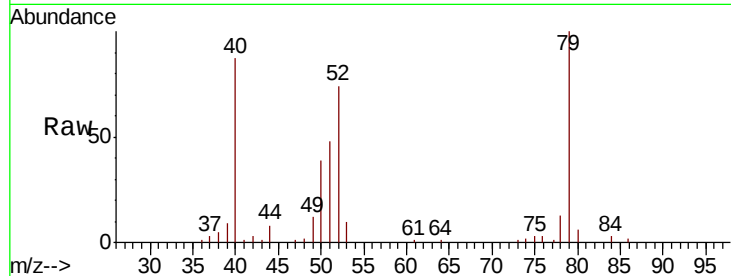
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	60347
Ion	Ratio	Lower	Upper
79	100		
52	74.1	59.4	89.0
51	47.7	32.3	48.5

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM



#4

n-Nitrosodimethylamine

Concen: 38.957 ng

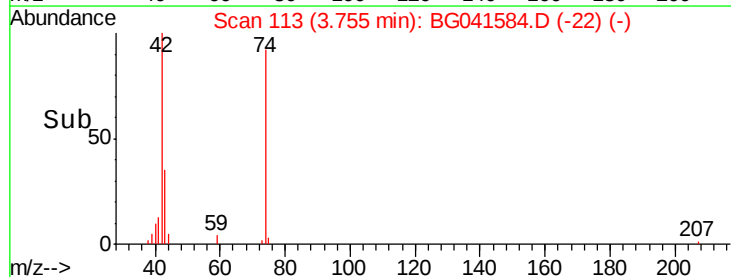
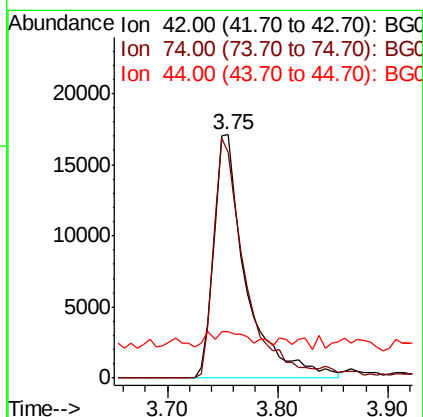
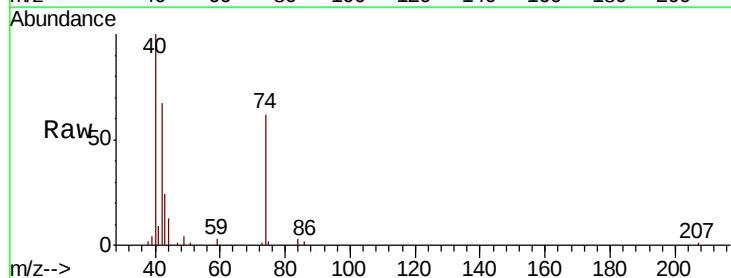
RT: 3.75 min Scan# 113

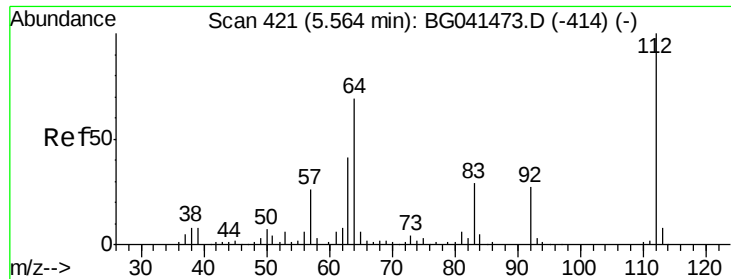
Delta R.T. 0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Tgt Ion:	42	Resp:	34483
Ion	Ratio	Lower	Upper
42	100		
74	92.5	79.5	119.3
44	19.2	14.2	21.2





#5

2-Fluorophenol

Concen: 78.034 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

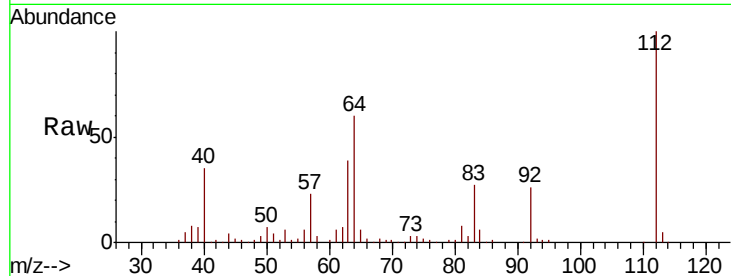
ClientSampleId :

SSTDCCC040

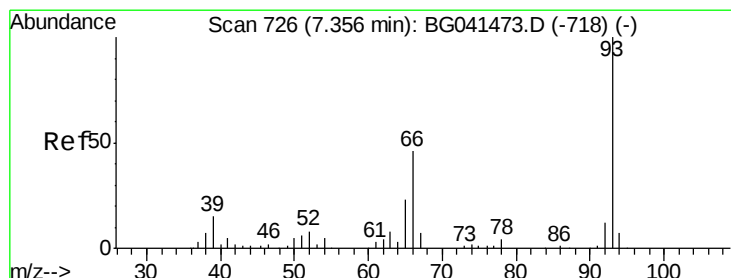
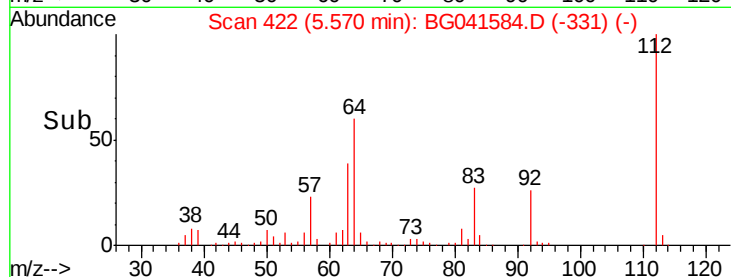
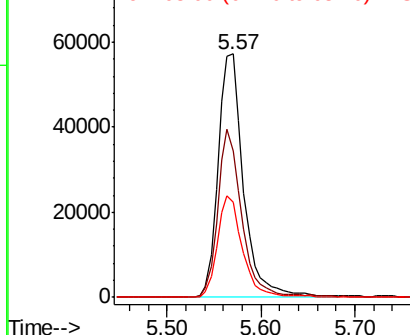
Tot Ion	Ratio	Resp	Lower	Upper
112	100	108075		
64	60.1	55.1	82.7	
63	38.8	32.4	48.6	

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.999 ng

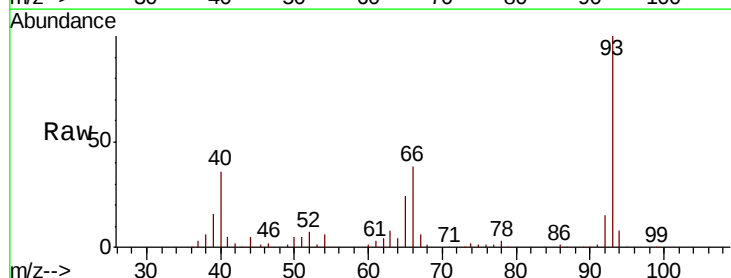
RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

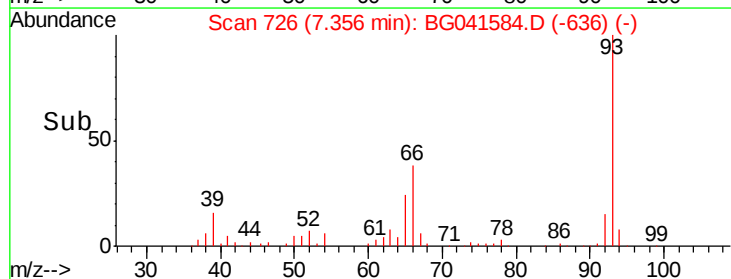
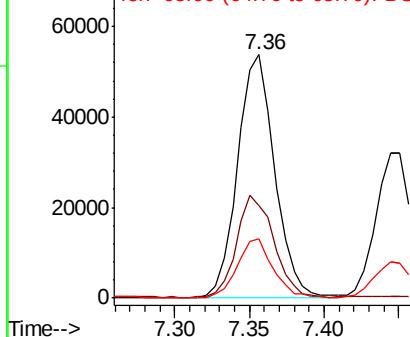
Lab File: BG041584.D

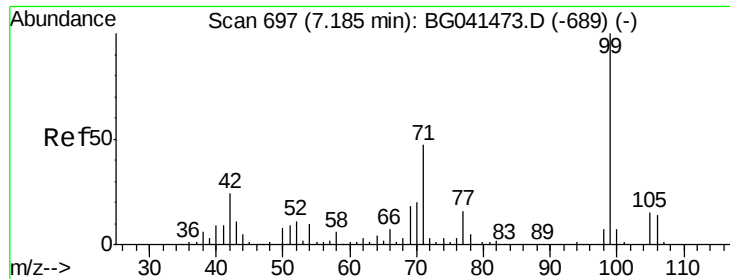
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	92983		
66	38.2	37.4	56.0	
65	24.5	18.6	27.8	



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 74.091 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

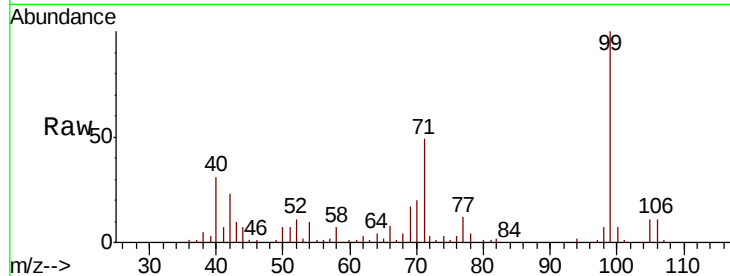
ClientSampleId :

SSTDCCC040

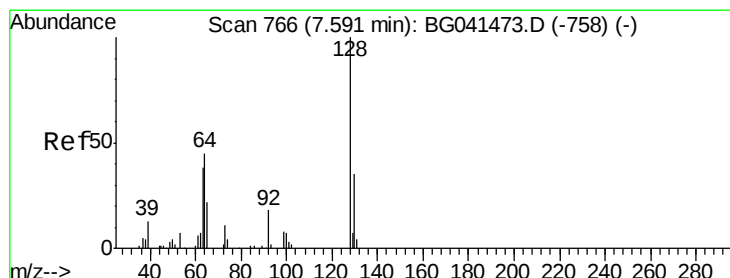
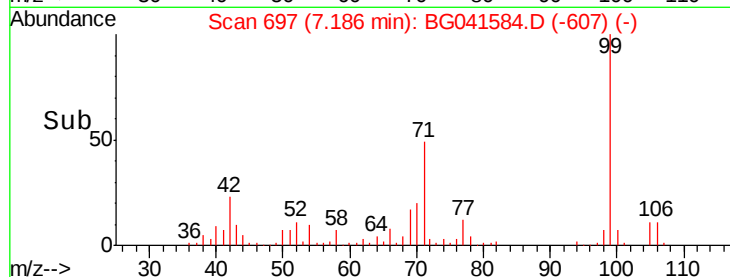
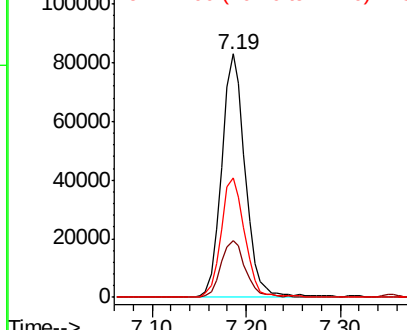
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		144454		
42	23.1	19.0	28.6		
71	49.2	37.4	56.2		

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 37.046 ng

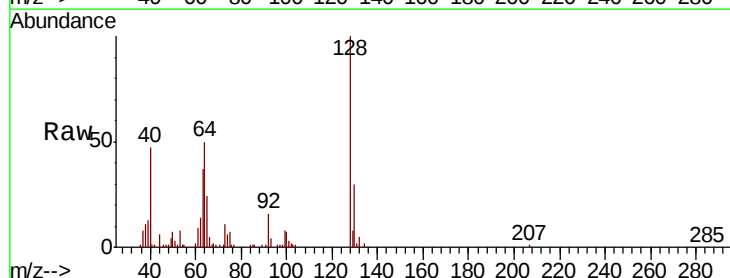
RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

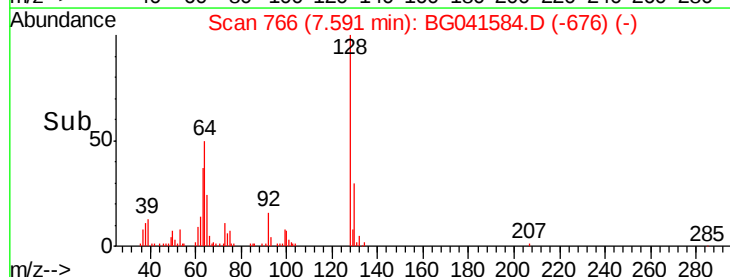
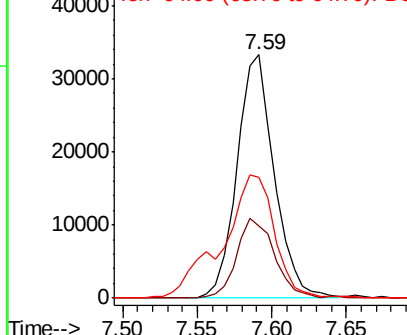
Lab File: BG041584.D

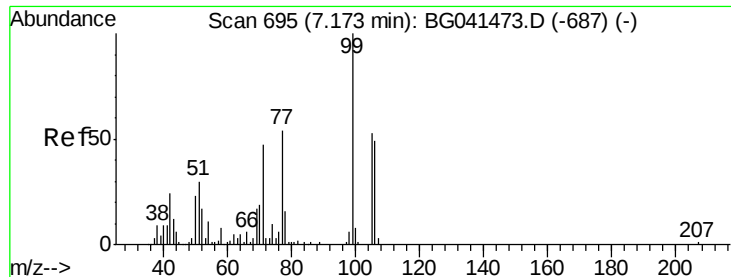
Acq: 3 Jul 2019 10:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		57541		
130	29.6	15.0	55.0		
64	49.7	33.3	73.3		



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 34.810 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

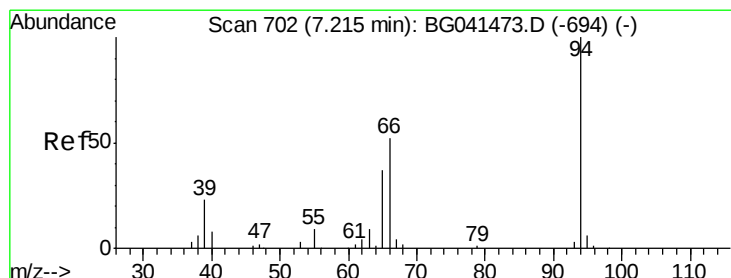
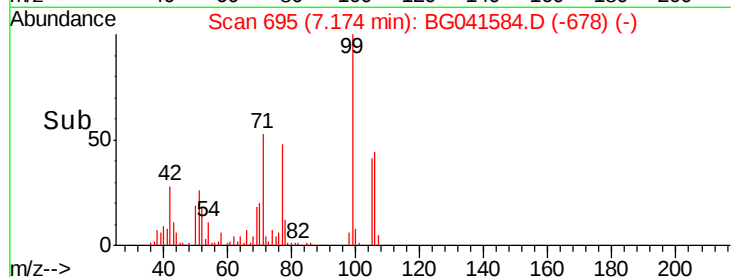
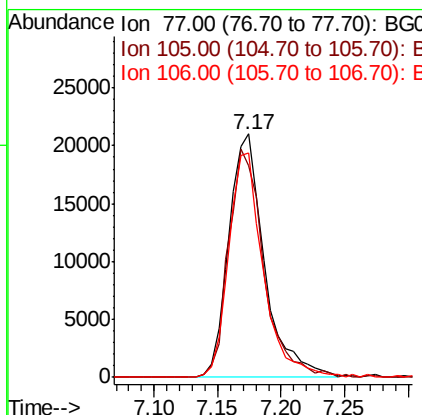
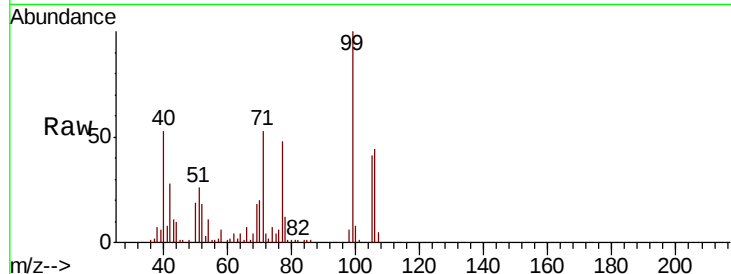
ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 40986
 Ion Ratio Lower Upper
 77 100
 105 86.7 77.8 117.8
 106 91.9 70.1 110.1

Manual Integrations
 APPROVED

mohammad
 7/5/2019 8:42:46 AM



#10

Phenol

Concen: 37.297 ng

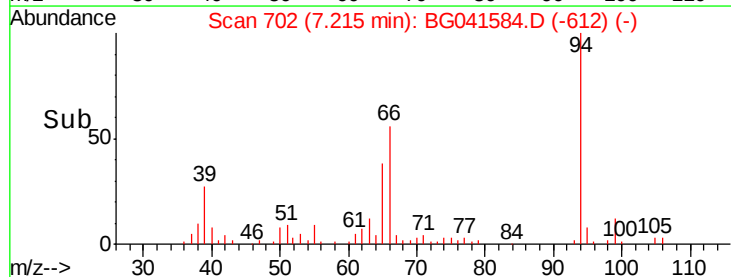
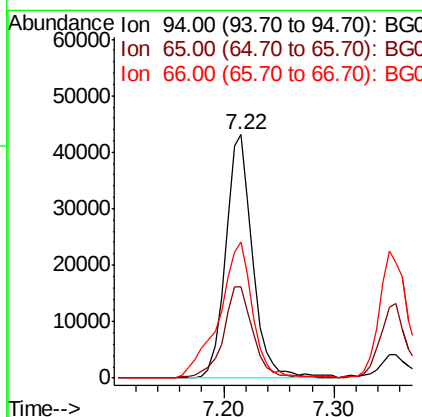
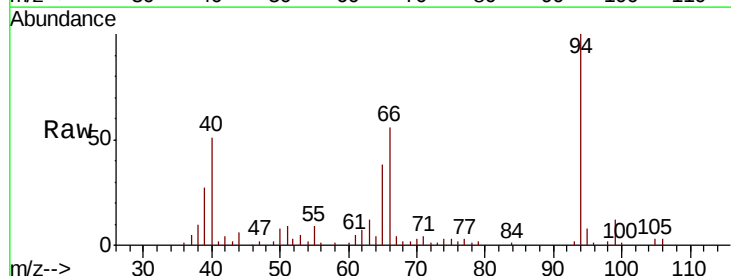
RT: 7.22 min Scan# 702

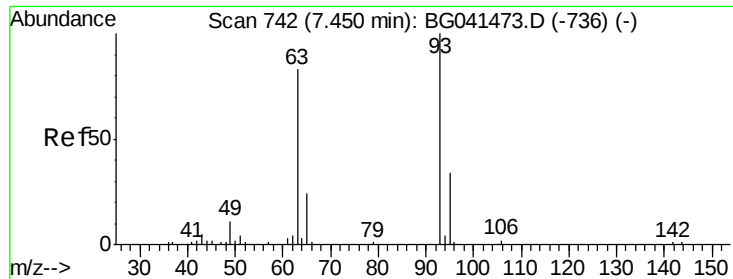
Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Tgt Ion: 94 Resp: 73287
 Ion Ratio Lower Upper
 94 100
 65 37.6 17.9 57.9
 66 55.7 34.4 74.4





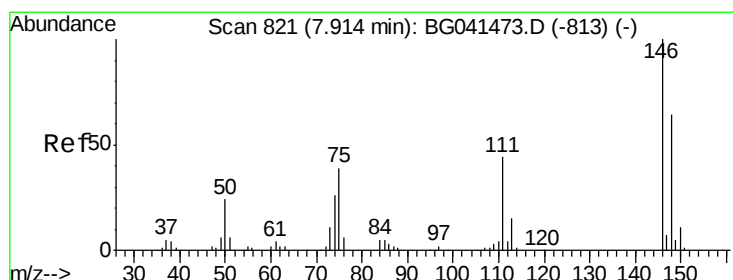
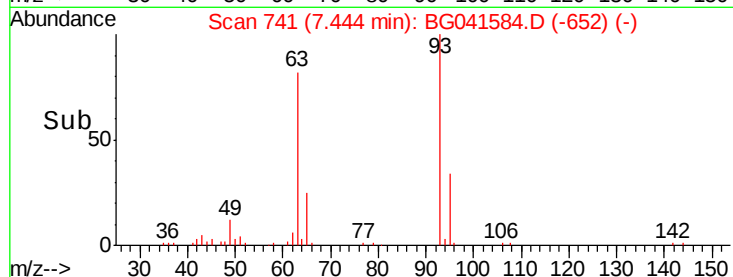
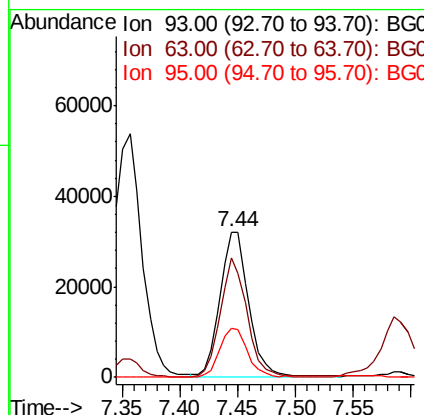
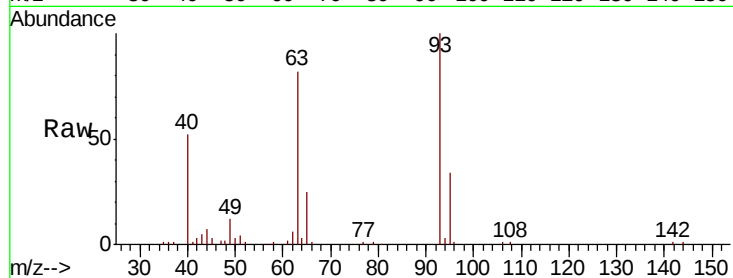
#11
bis(2-Chloroethyl)ether
Concen: 36.111 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.0	62.0	102.0
95	34.0	13.0	53.0

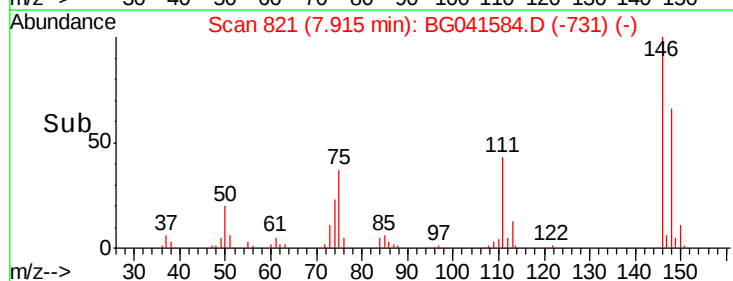
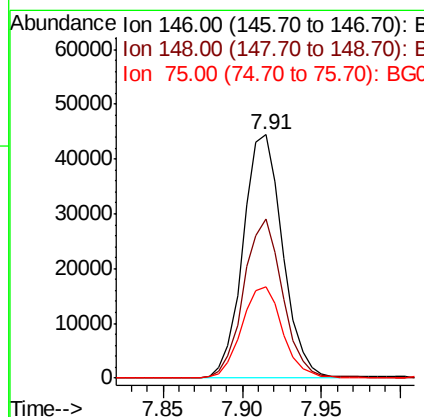
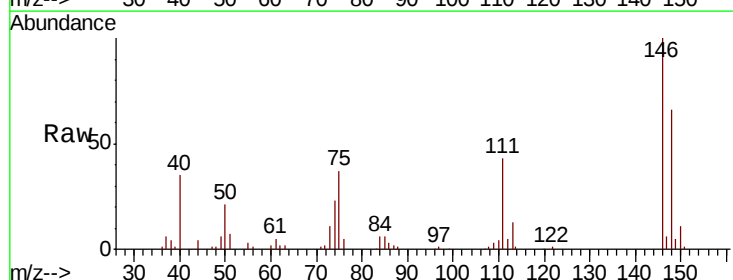
Manual Integrations
APPROVED

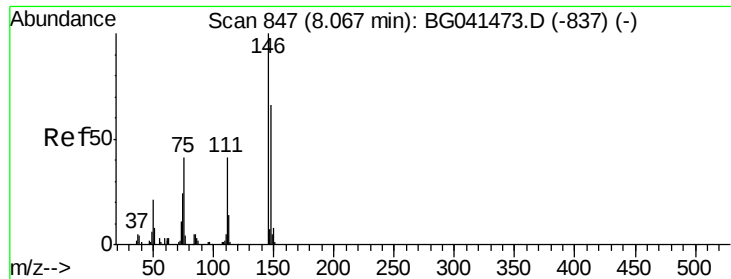
mohammad
7/5/2019 8:42:46 AM



#12
1,3-Dichlorobenzene
Concen: 38.359 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.1	76.7
75	37.4	31.0	46.6





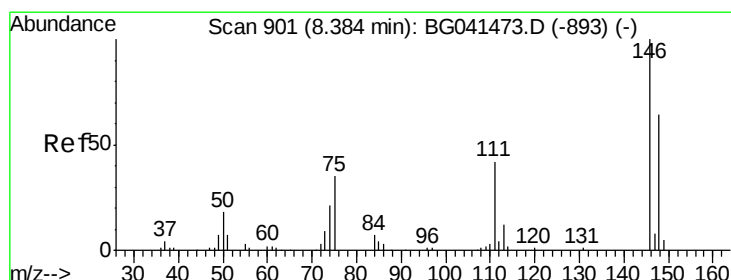
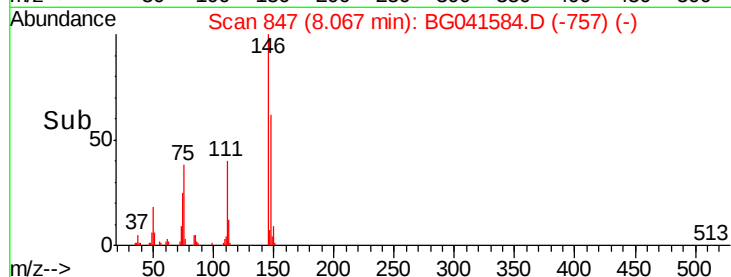
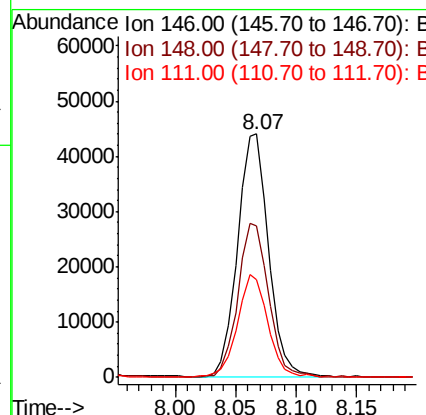
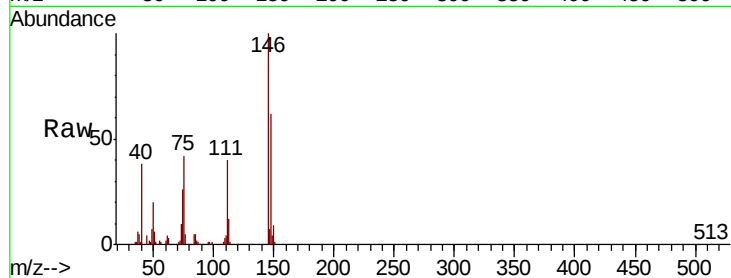
#13
 1,4-Dichlorobenzene
 Concen: 39.140 ng
 RT: 8.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	52.8	79.2
111	40.2	33.1	49.7

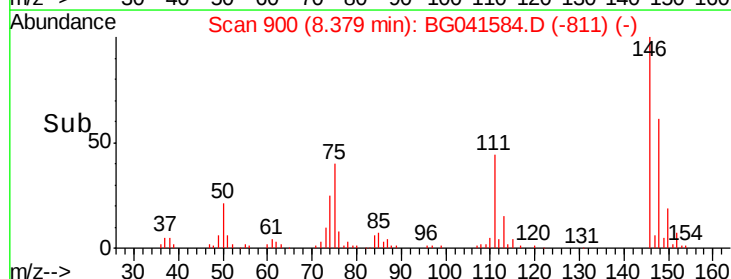
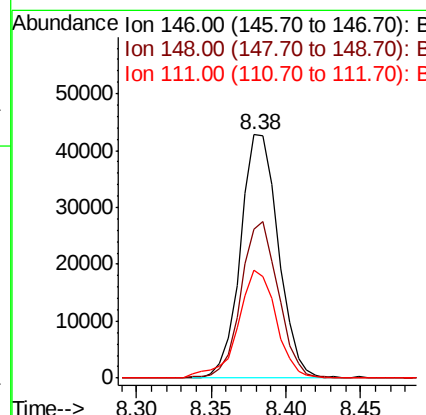
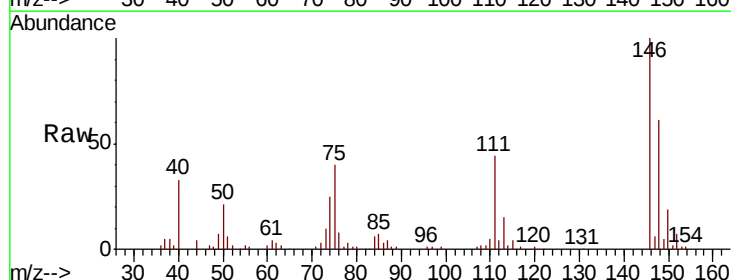
Manual Integrations
 APPROVED

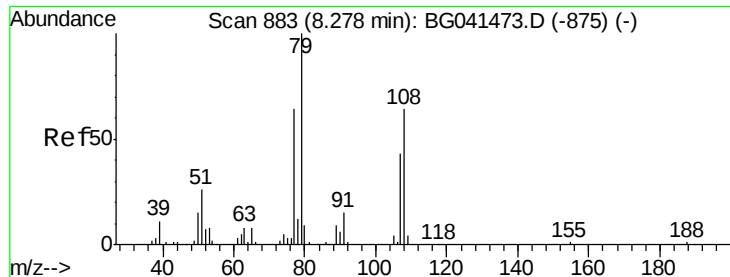
mohammad
 7/5/2019 8:42:46 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.738 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	51.3	76.9
111	44.3	34.3	51.5





#15

Benzyl Alcohol

Concen: 37.372 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

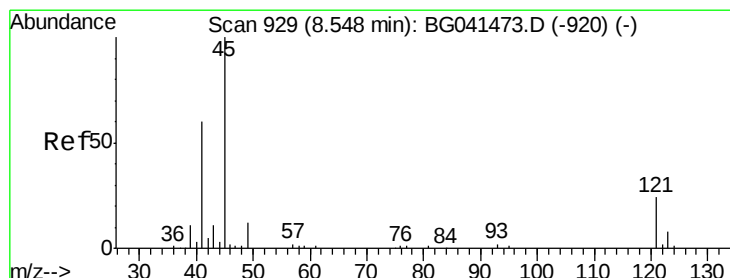
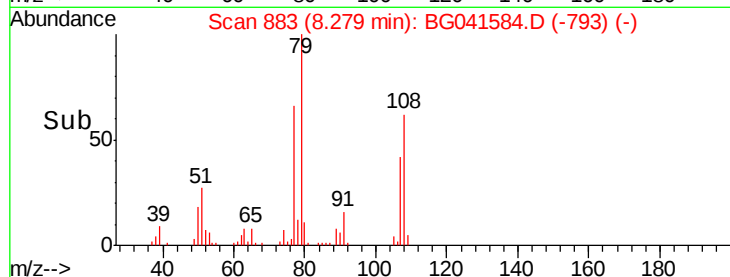
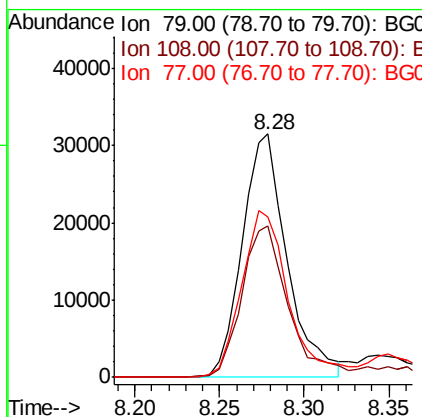
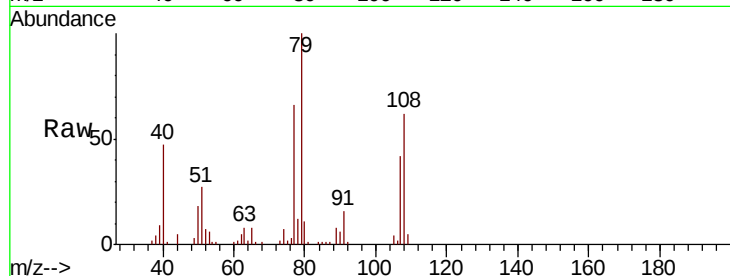
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	58026
Ion Ratio	Lower	Upper	
79	100		
108	62.3	51.4	77.0
77	65.9	50.8	76.2

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.268 ng

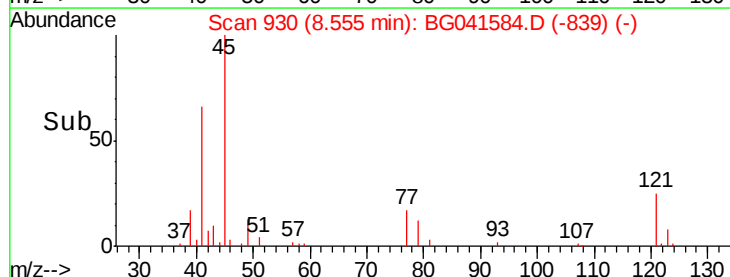
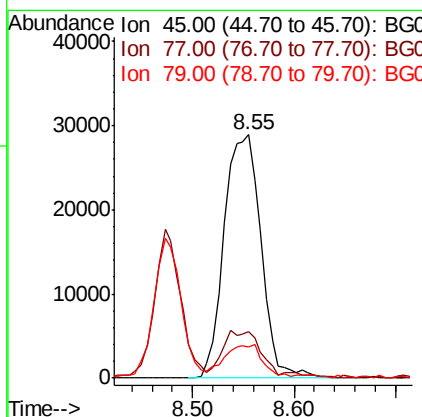
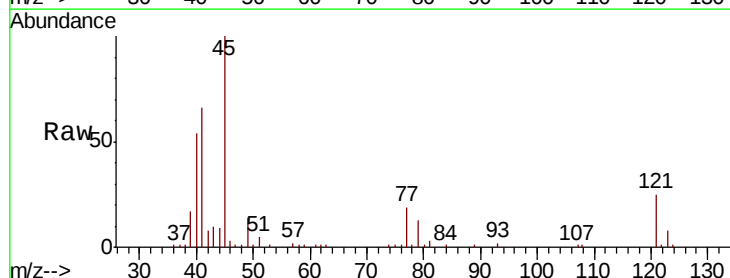
RT: 8.55 min Scan# 930

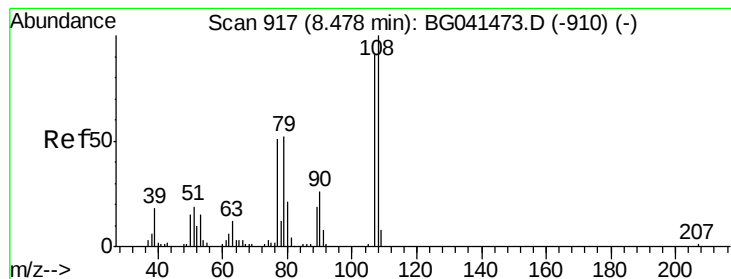
Delta R.T. 0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Tgt Ion:	45	Resp:	72799
Ion Ratio	Lower	Upper	
45	100		
77	19.0	0.0	36.3
79	12.8	0.0	32.4





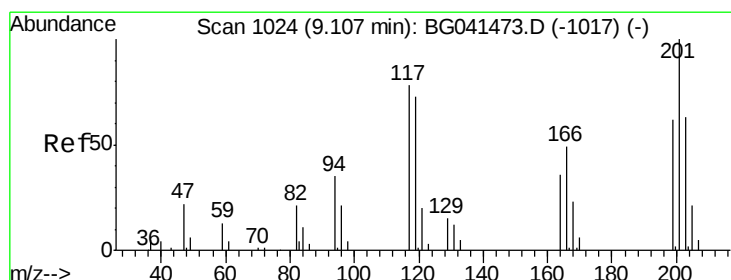
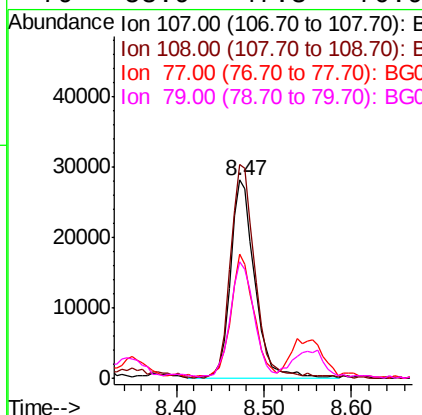
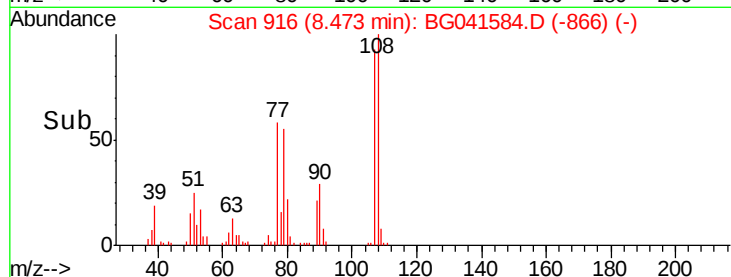
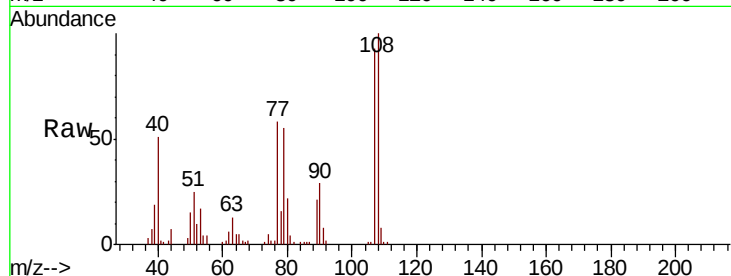
#17
2-Methylphenol
Concen: 37.212 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	53227
Ion Ratio	Lower	Upper	
107	100		
108	107.9	88.0	132.0
77	63.0	45.3	67.9
79	58.9	47.3	70.9

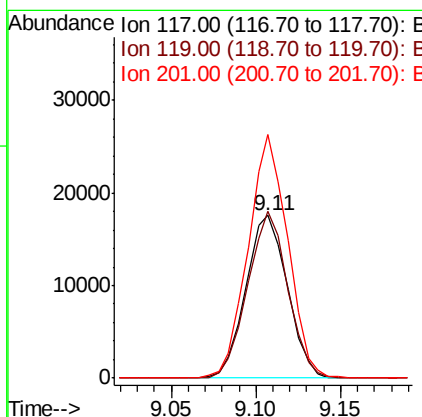
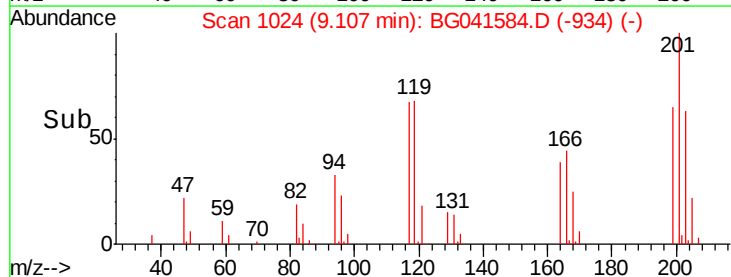
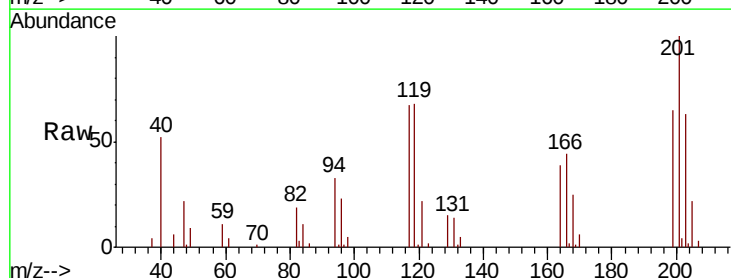
Manual Integrations
APPROVED

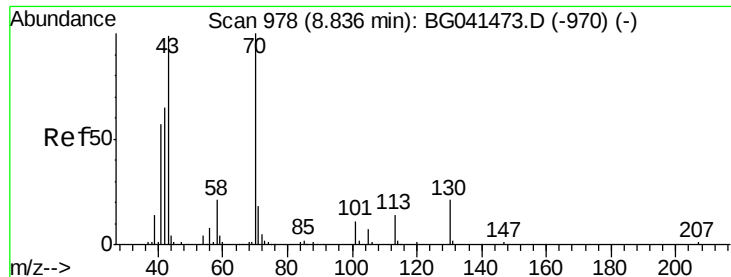
mohammad
7/5/2019 8:42:46 AM



#18
Hexachloroethane
Concen: 37.408 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion:	117	Resp:	29897
Ion Ratio	Lower	Upper	
117	100		
119	102.3	74.3	111.5
201	149.8	102.3	153.5





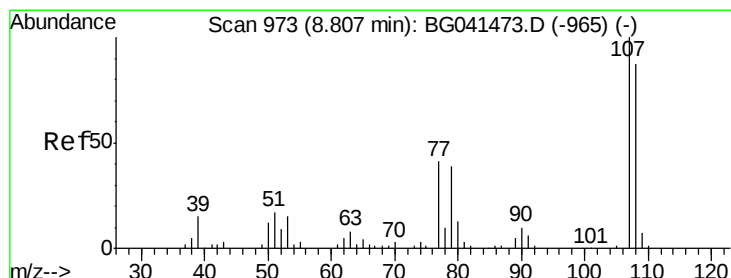
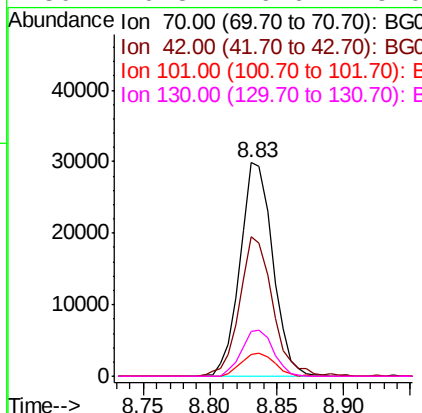
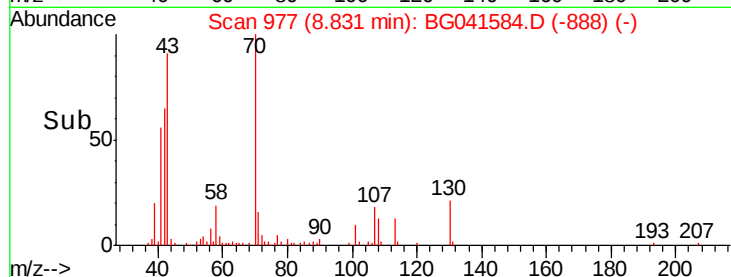
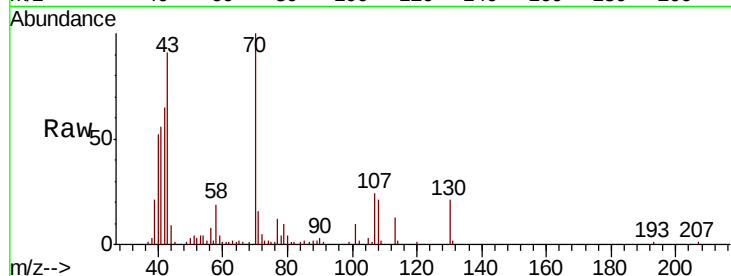
#19
n-Nitroso-di-n-propylamine
Concen: 34.856 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.2	52.6	78.8	
101	10.5	8.6	13.0	
130	20.8	16.6	25.0	

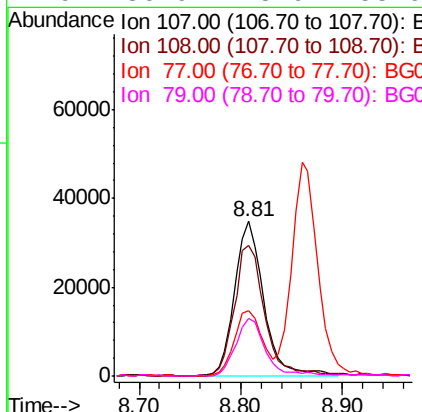
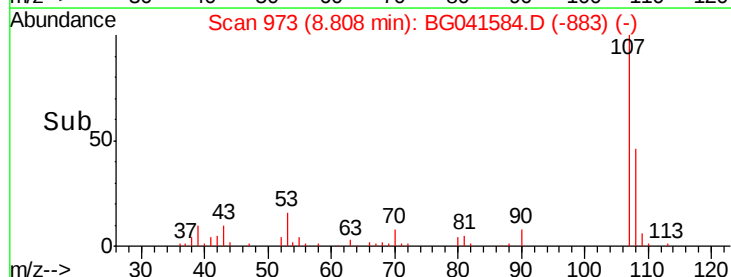
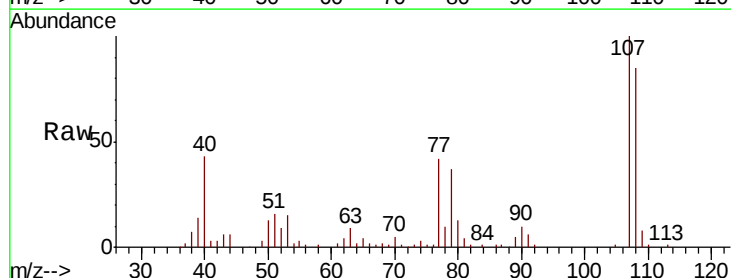
Manual Integrations
APPROVED

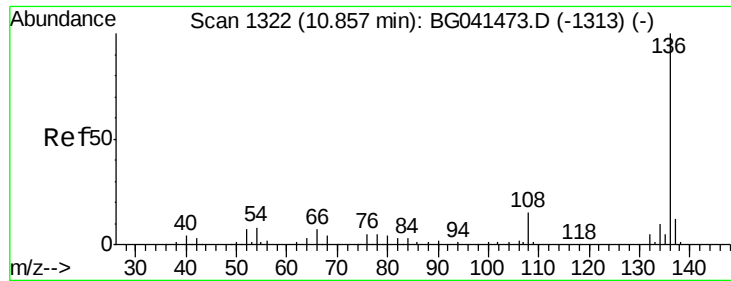
mohammad
7/5/2019 8:42:46 AM



#20
3+4-Methylphenols
Concen: 36.684 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.7	67.0	107.0	
77	42.2	20.6	60.6	
79	36.9	18.9	58.9	





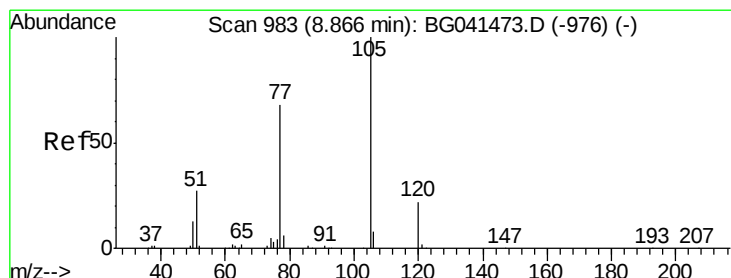
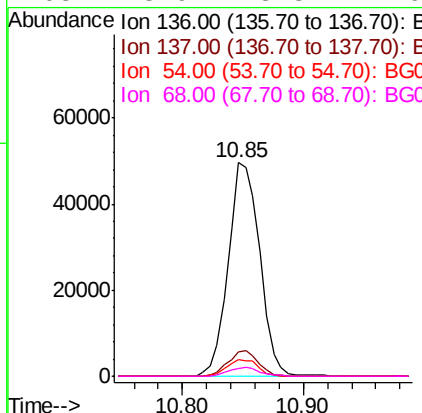
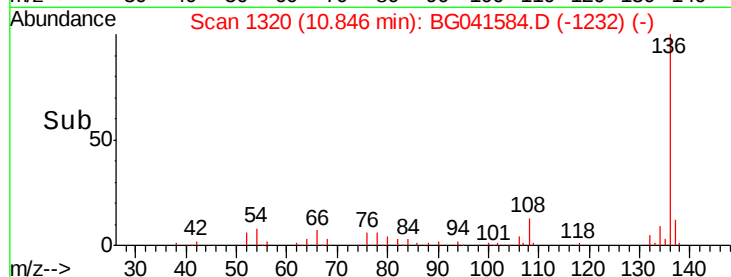
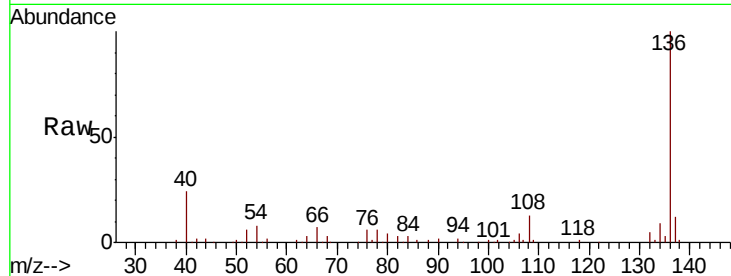
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	89767		
137	11.7		9.3	13.9
54	7.6		7.1	10.7
68	3.9		3.3	4.9

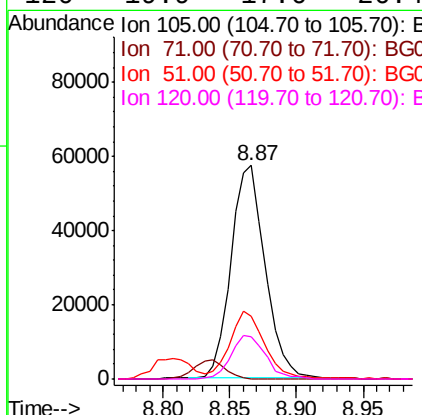
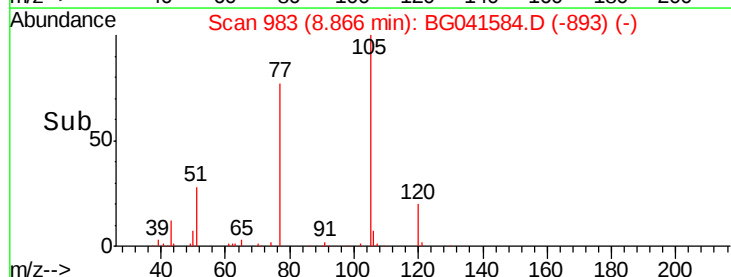
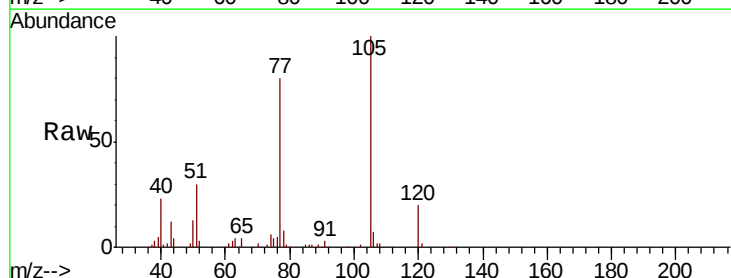
Manual Integrations
APPROVED

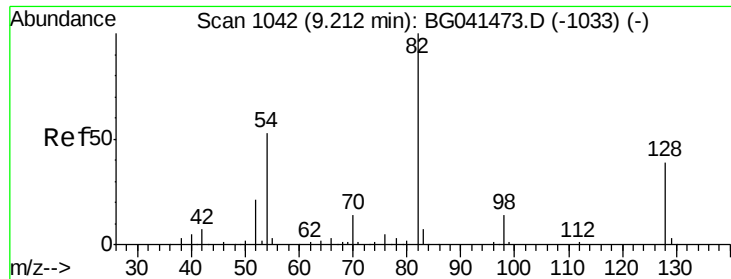
mohammad
7/5/2019 8:42:46 AM



#22
Acetophenone
Concen: 37.952 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	102191		
71	0.3		0.5	0.7#
51	29.5		25.0	37.6
120	19.9		17.6	26.4





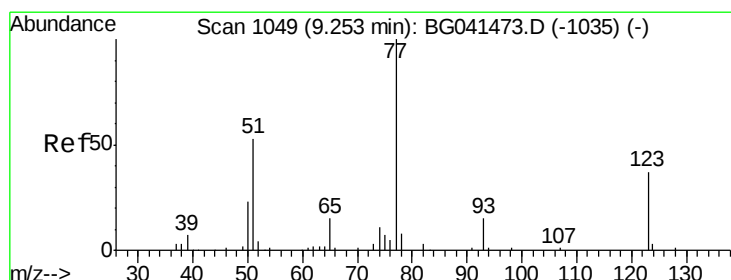
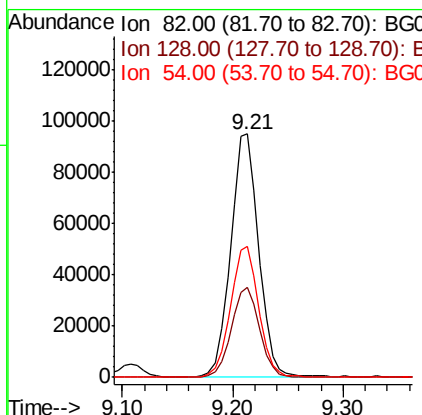
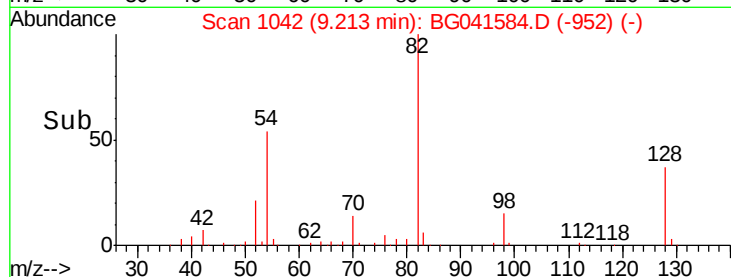
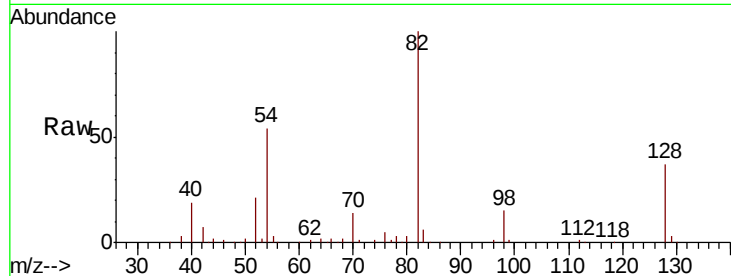
#23
Nitrobenzene-d5
Concen: 78.706 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	169401		
128	37.0	30.9	46.3	
54	53.6	42.2	63.2	

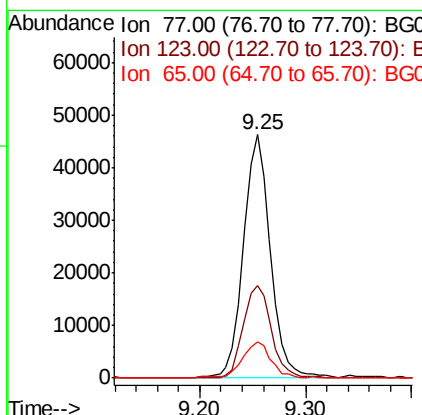
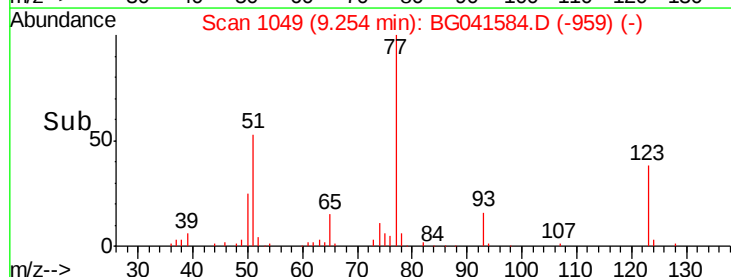
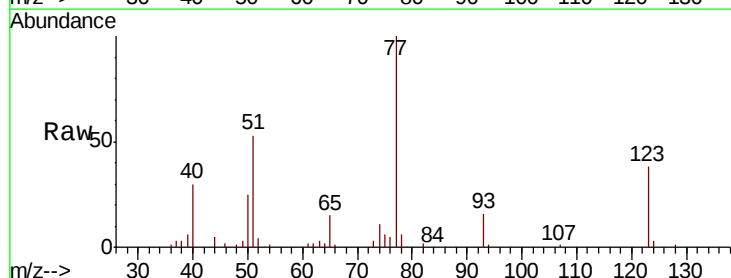
Manual Integrations
APPROVED

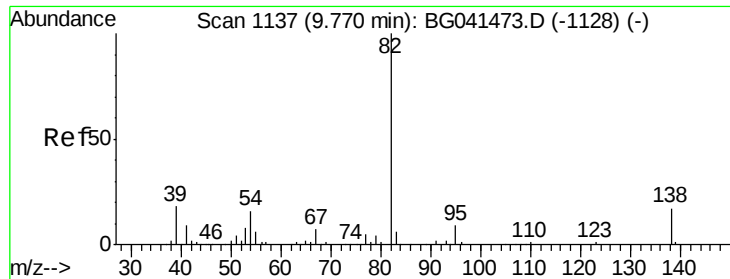
mohammad
7/5/2019 8:42:46 AM



#24
Nitrobenzene
Concen: 38.195 ng
RT: 9.25 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	82517		
123	37.8	29.9	44.9	
65	15.1	12.2	18.4	





#25

Isophorone

Concen: 36.323 ng

RT: 9.77 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

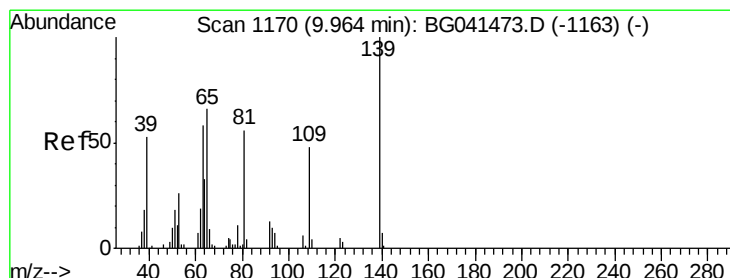
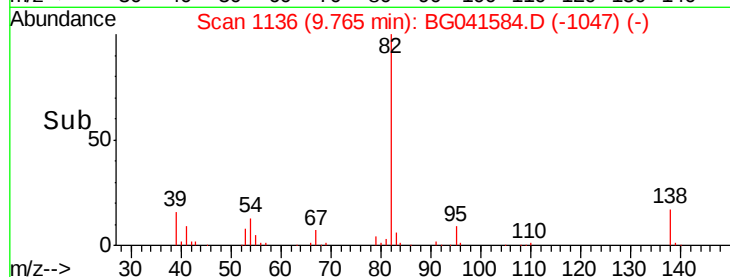
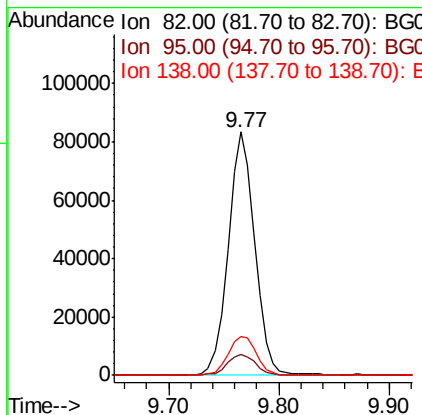
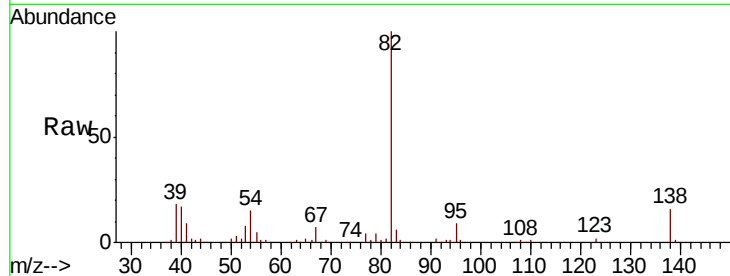
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	140360
Ion Ratio		Lower	Upper
82	100		
95	8.5	6.8	10.2
138	16.2	13.7	20.5

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM



#26

2-Nitrophenol

Concen: 36.990 ng

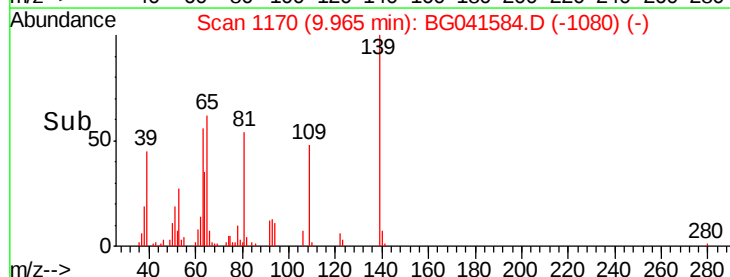
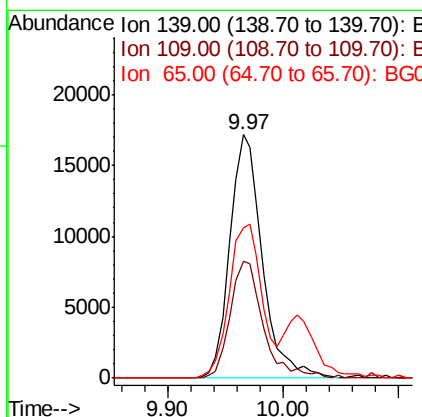
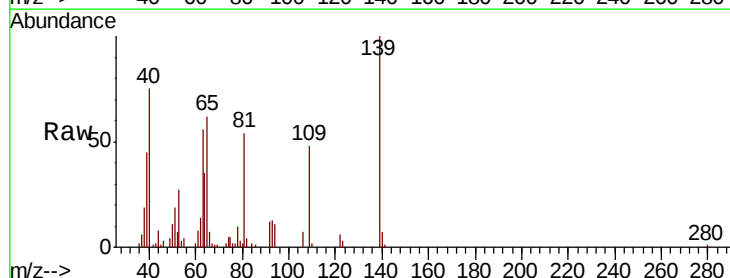
RT: 9.97 min Scan# 1170

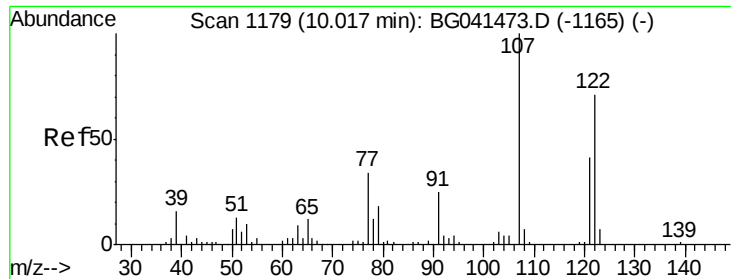
Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Tgt Ion:	139	Resp:	33374
Ion Ratio		Lower	Upper
139	100		
109	47.9	38.6	57.8
65	61.7	52.6	78.8





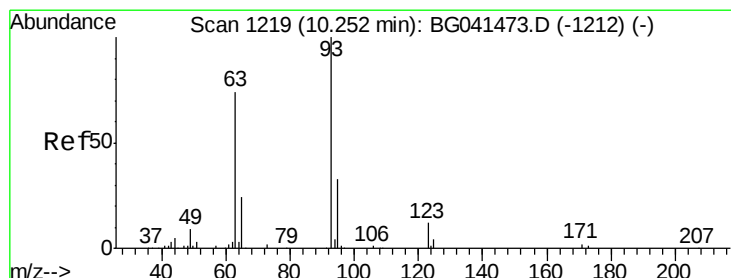
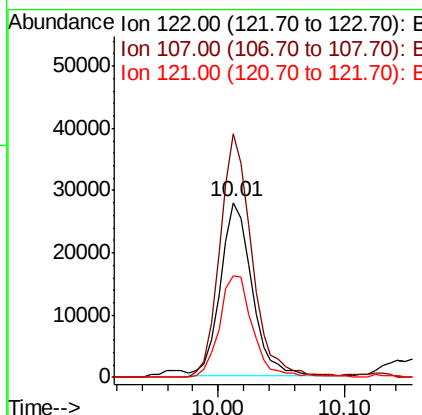
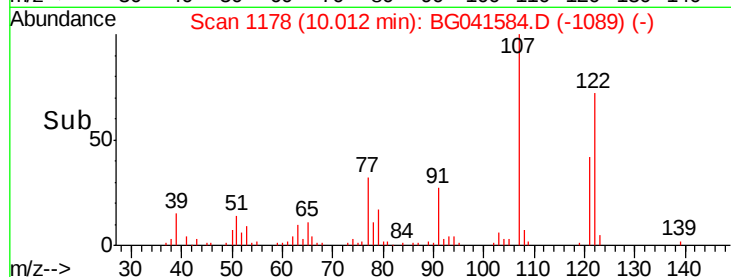
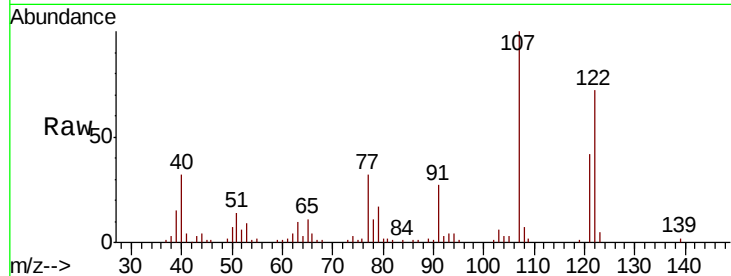
#27
2,4-Dimethylphenol
Concen: 38.050 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.2	112.9	169.3
121	58.4	46.1	69.1

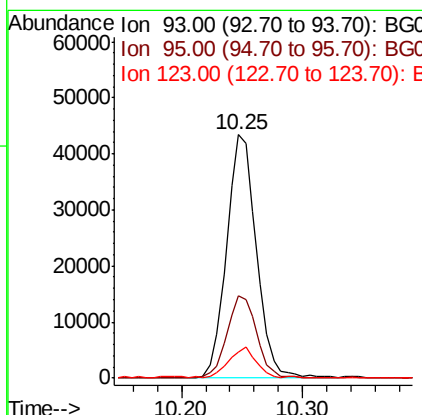
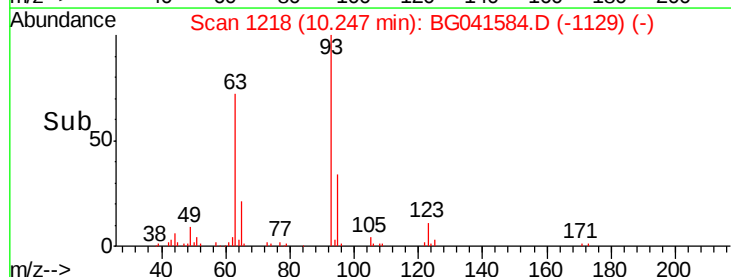
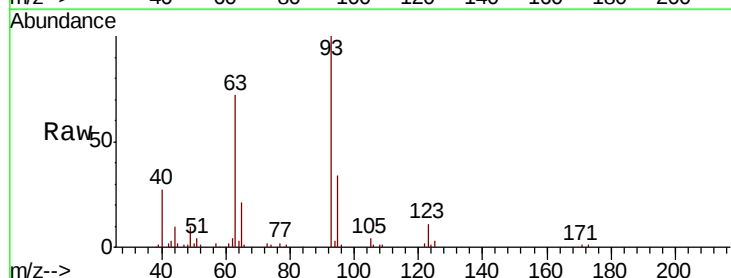
Manual Integrations
APPROVED

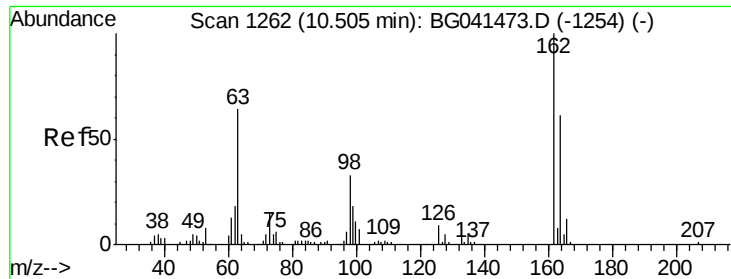
mohammad
7/5/2019 8:42:46 AM



#28
bis(2-Chloroethoxy)methane
Concen: 36.311 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.2	39.2
123	10.8	9.6	14.4





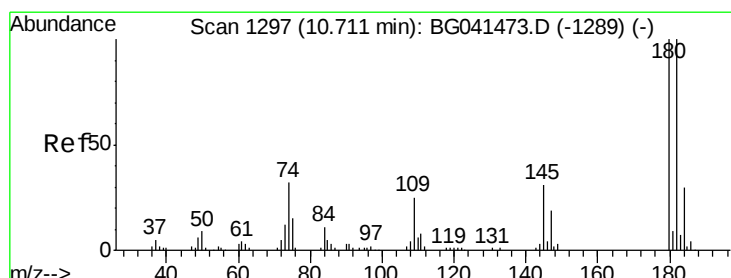
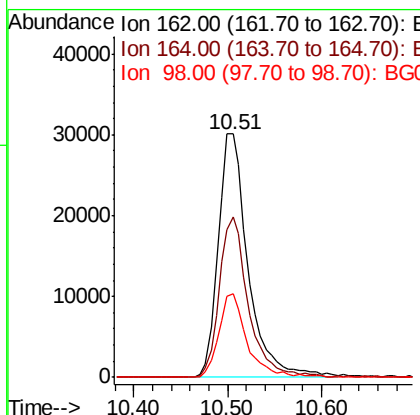
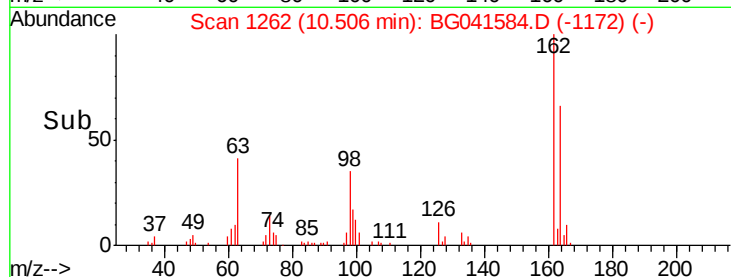
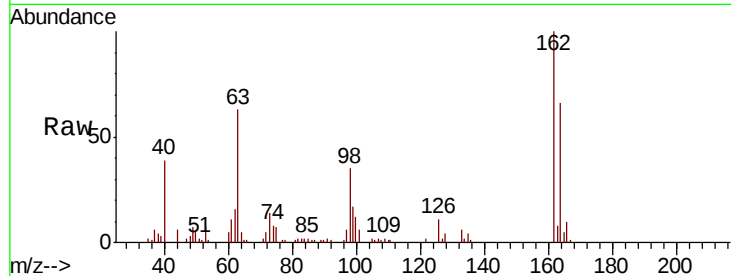
#29
2,4-Dichlorophenol
Concen: 39.455 ng
RT: 10.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	41.3	81.3
98	34.5	13.2	53.2

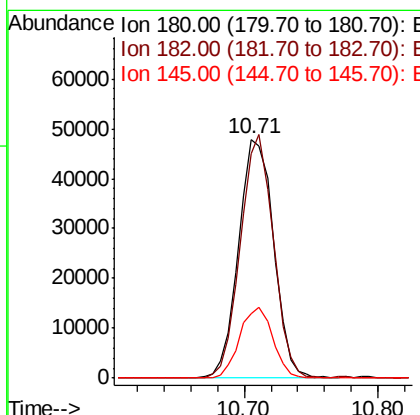
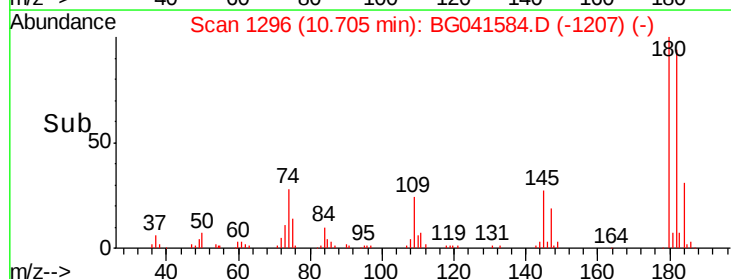
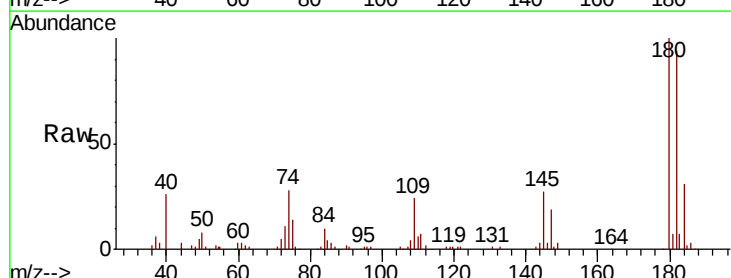
Manual Integrations
APPROVED

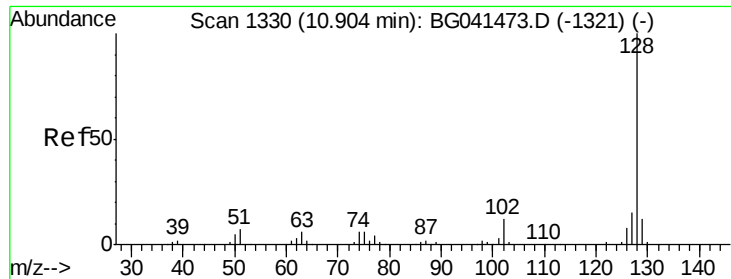
mohammad
7/5/2019 8:42:46 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.071 ng
RT: 10.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	79.9	119.9
145	27.0	24.7	37.1





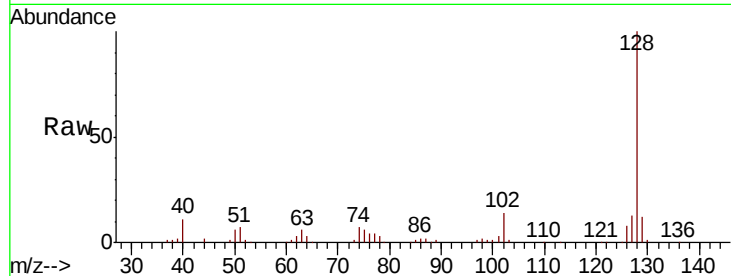
#31
Naphthalene
Concen: 38.538 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.7	14.5	
127	13.3	11.6	17.4	

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM

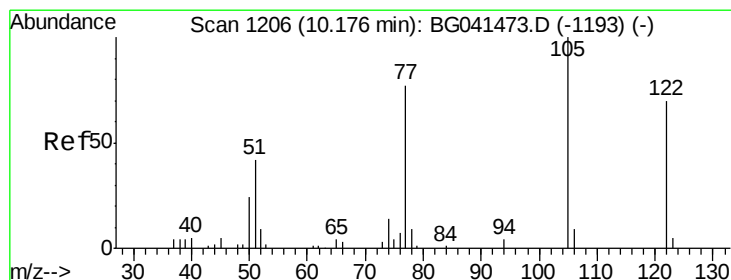
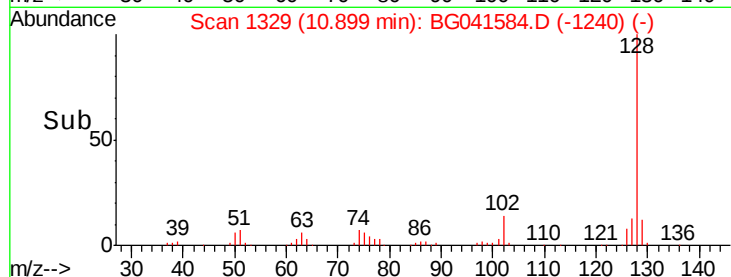
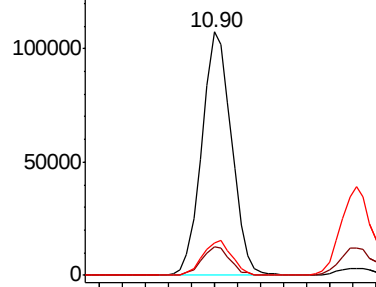


Abundance

Ion 128.00 (127.70 to 128.70): E

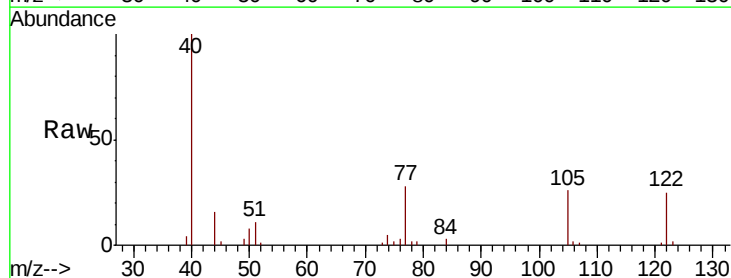
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 27.566 ng m
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	101.2	117.8	157.8#	
77	109.0	88.9	128.9	

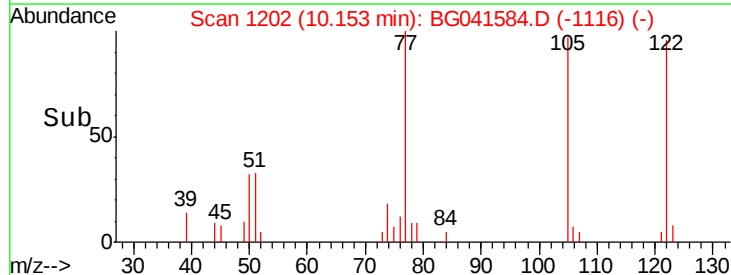
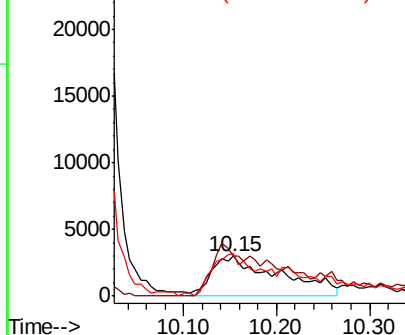


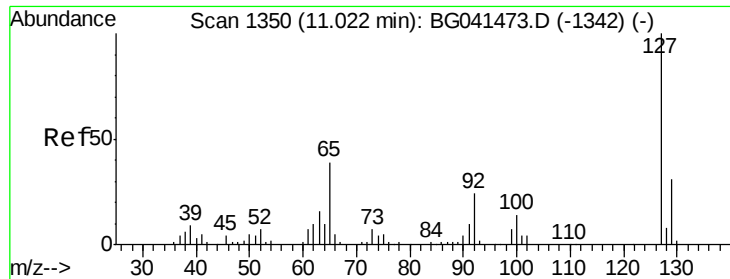
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





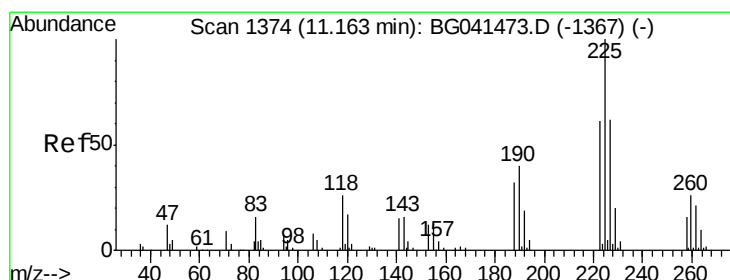
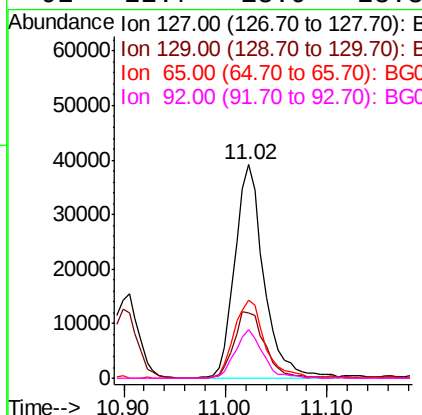
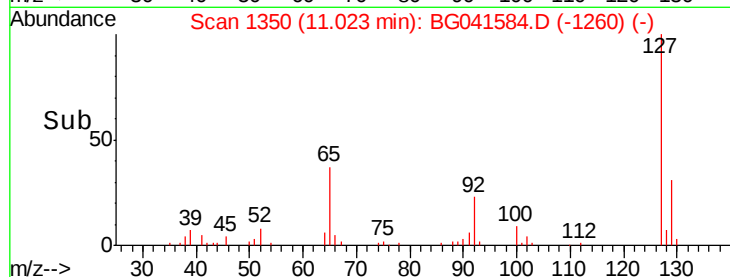
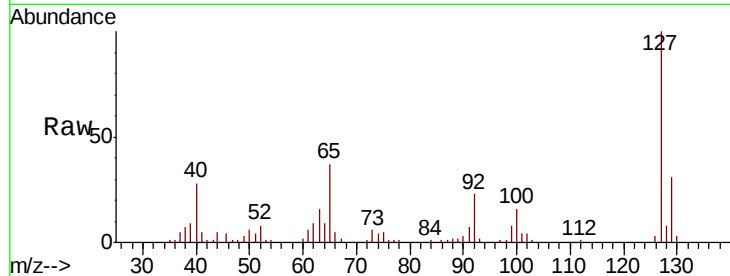
#33
4-Chloroaniline
Concen: 37.452 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	24.6	37.0
65	36.7	31.5	47.3
92	22.7	18.9	28.3

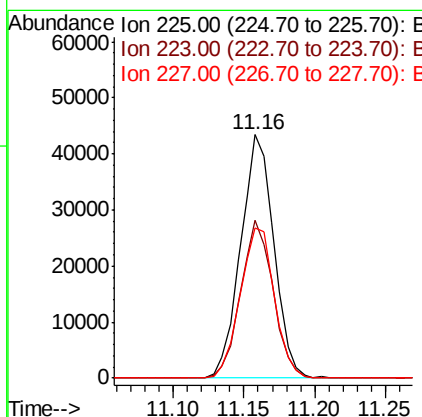
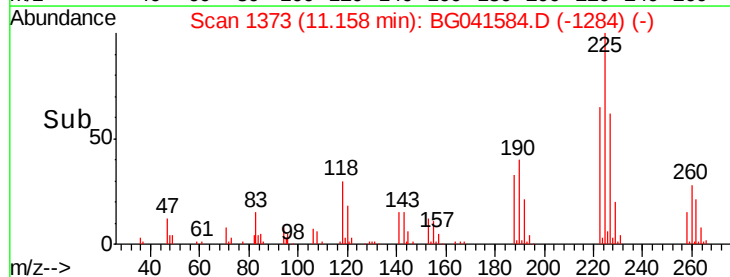
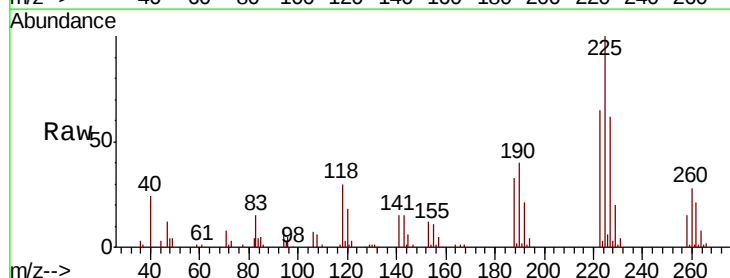
Manual Integrations
APPROVED

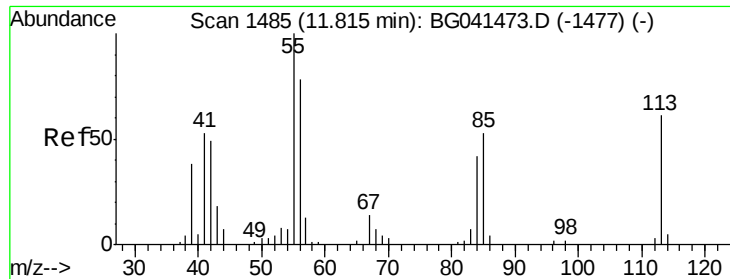
mohammad
7/5/2019 8:42:46 AM



#34
Hexachlorobutadiene
Concen: 41.353 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	48.6	72.8
227	61.8	49.3	73.9





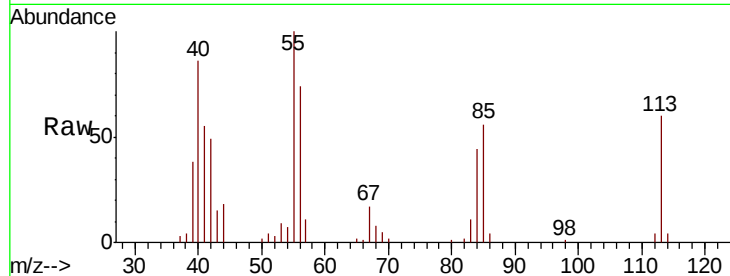
#35
 Caprolactam
 Concen: 36.235 ng
 RT: 11.82 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.1	145.1	185.1
56	122.3	109.4	149.4

Manual Integrations
 APPROVED

mohammad
 7/5/2019 8:42:46 AM

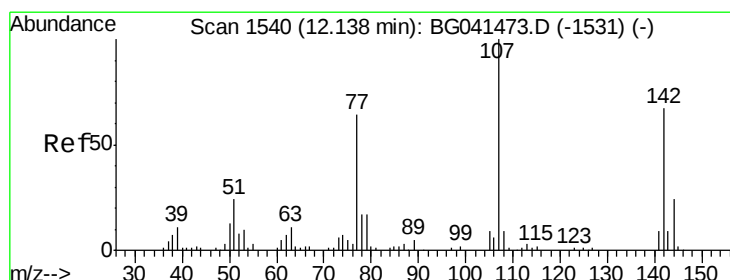
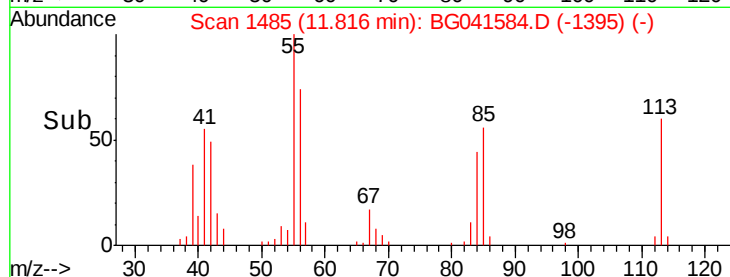
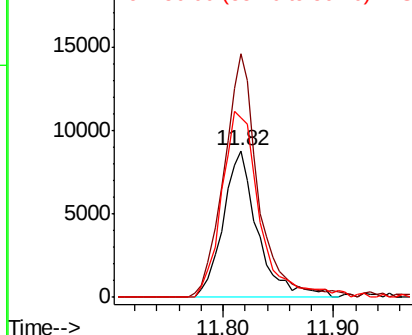


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): B

Ion 56.00 (55.70 to 56.70): B



#36
 4-Chloro-3-methylphenol
 Concen: 36.026 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

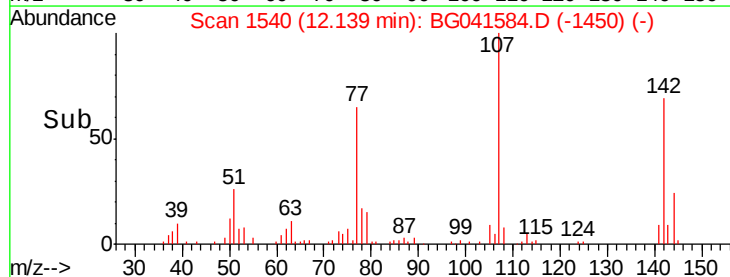
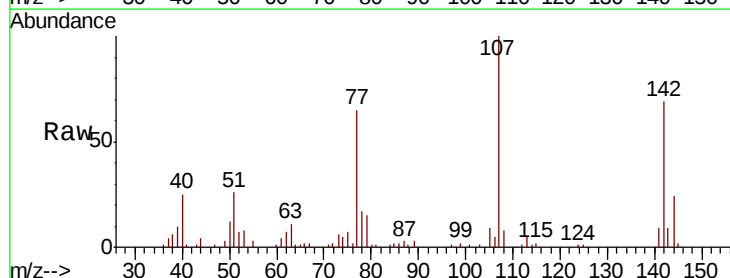
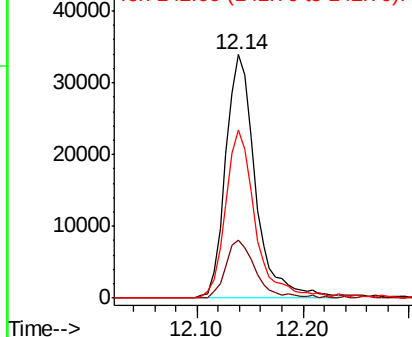
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.4	29.0
142	69.0	53.8	80.6

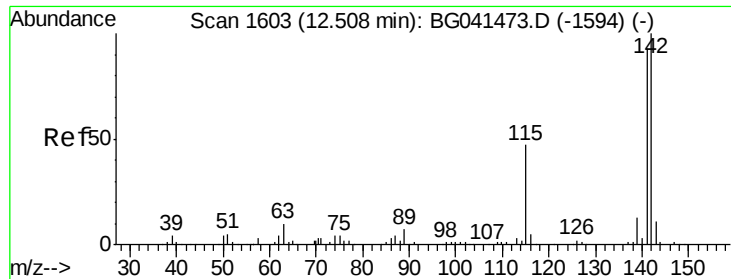
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





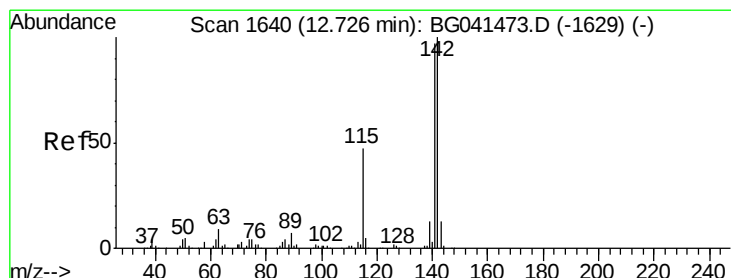
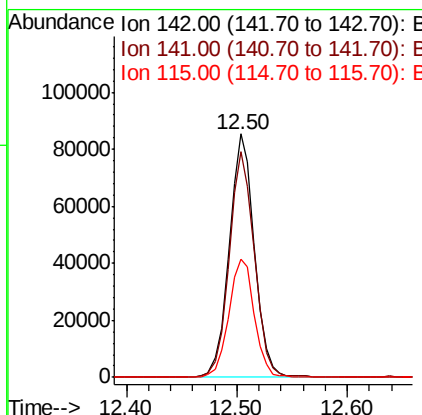
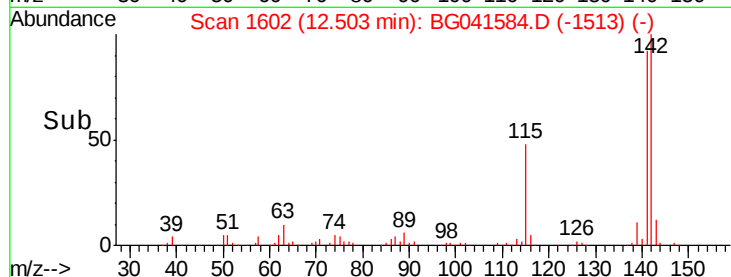
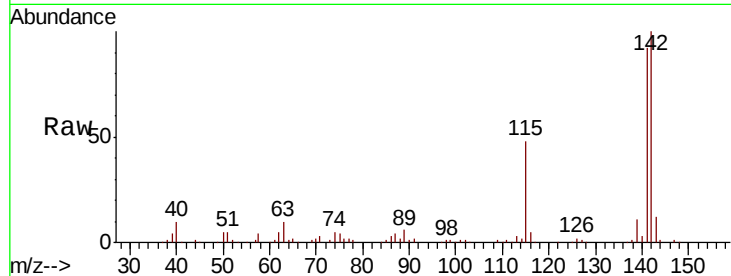
#37
2-Methylnaphthalene
Concen: 37.059 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.8	112.2
115	48.4	38.0	57.0

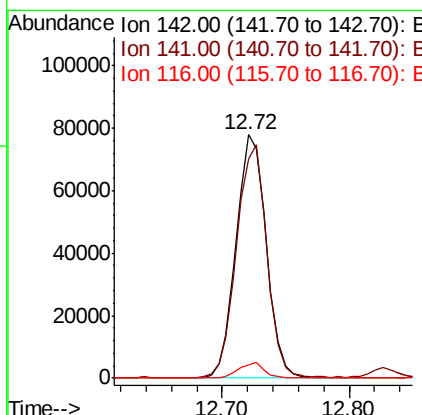
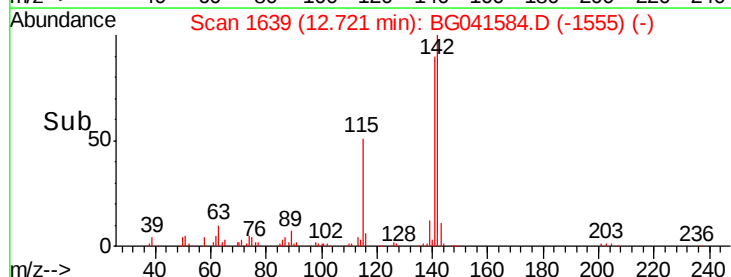
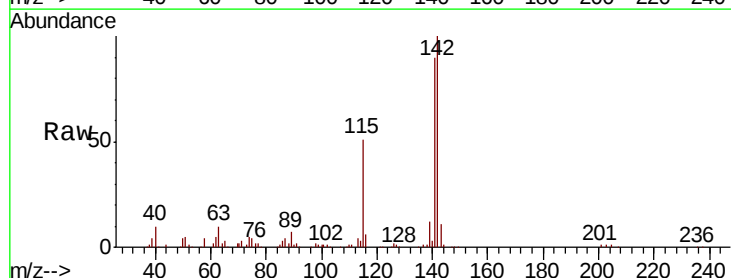
Manual Integrations
APPROVED

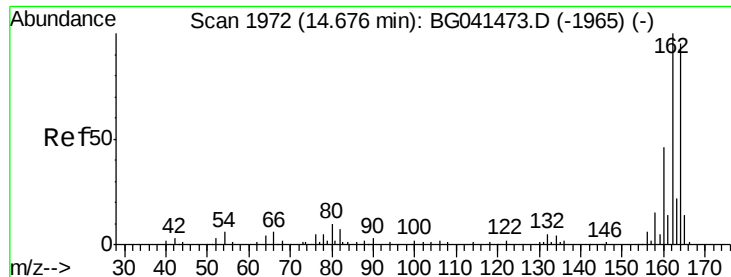
mohammad
7/5/2019 8:42:46 AM



#38
1-Methylnaphthalene
Concen: 36.719 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	77.4	116.2
116	5.6	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampled :

SSTDCCC040

Tot Ion:164 Resp: 61733

Ion Ratio Lower Upper

164 100

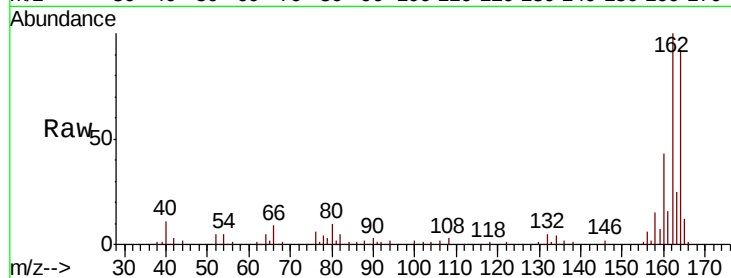
162 108.3 84.4 126.6

160 46.4 38.8 58.2

Manual Integrations
APPROVED

mohammad

7/5/2019 8:42:46 AM

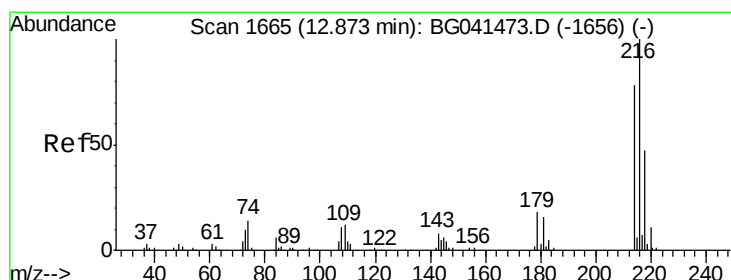
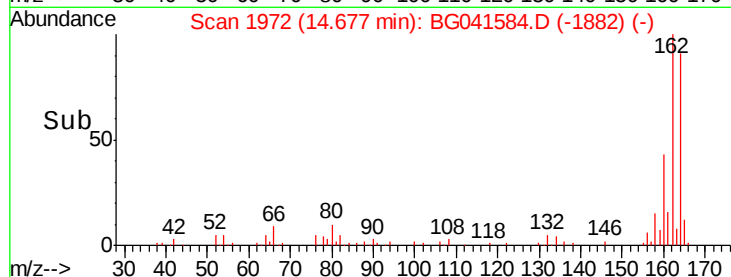
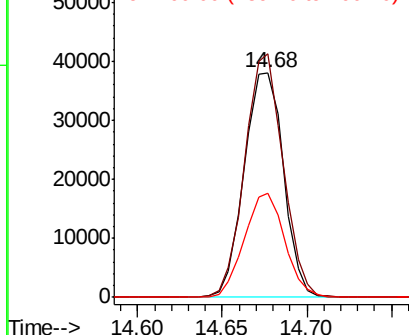


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.596 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Tgt Ion:216 Resp: 110354

Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 18.7 15.1 22.7

108 14.4 11.7 17.5

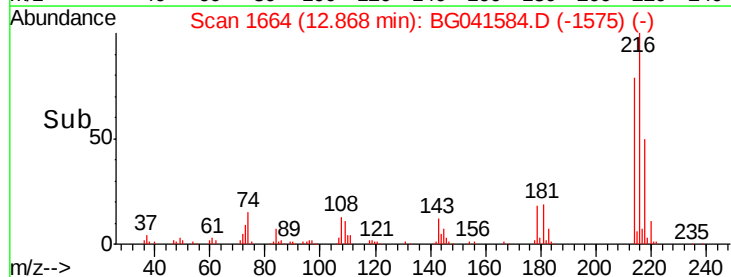
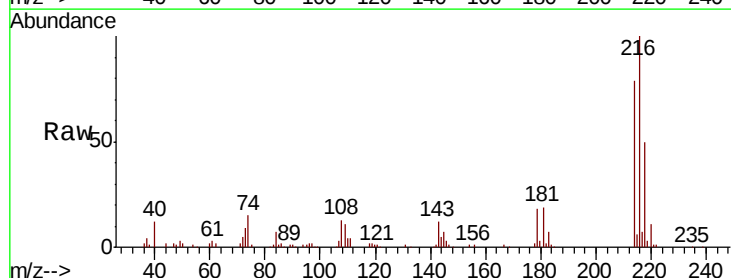
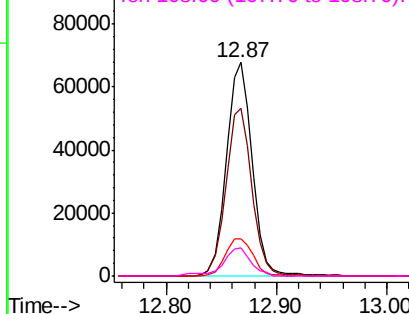
Abundance

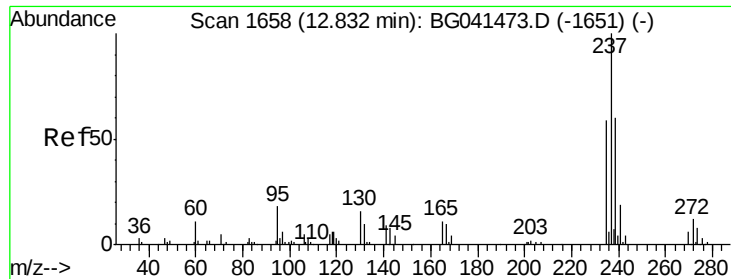
Ion 216.00 (215.70 to 216.70): E

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: 34.976 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

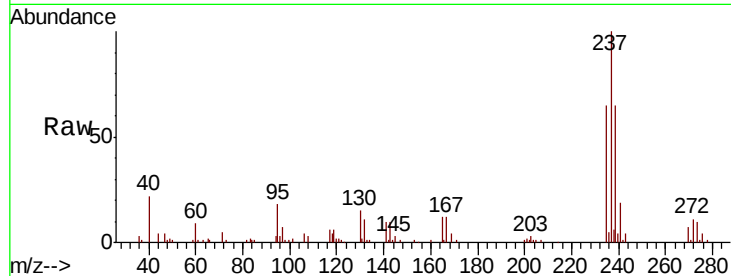
ClientSampleId :

SSTDCCC040

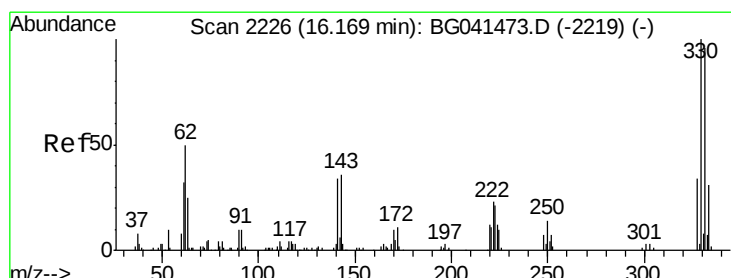
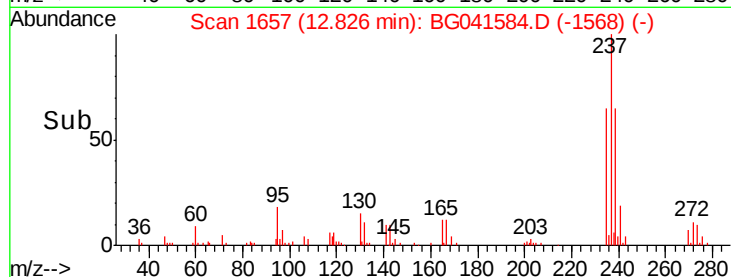
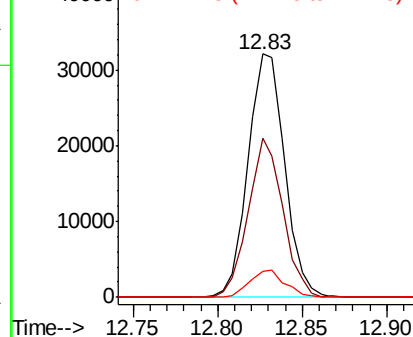
Tot Ion:	237	Resp:	48413
Ion Ratio	Lower	Upper	
237	100		
235	65.4	39.1	79.1
272	10.7	0.0	31.5

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM



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



#42

2,4,6-Tribromophenol

Concen: 79.425 ng

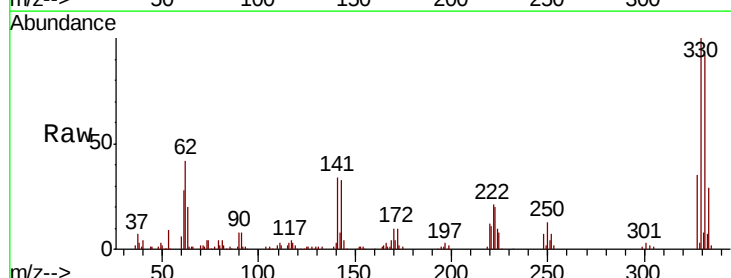
RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

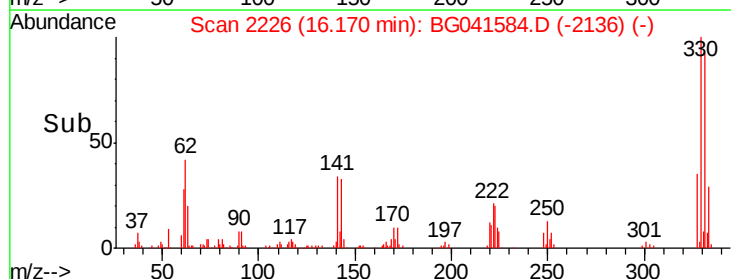
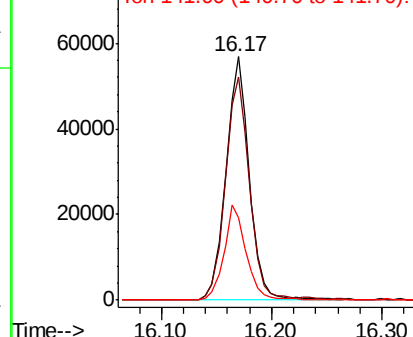
Lab File: BG041584.D

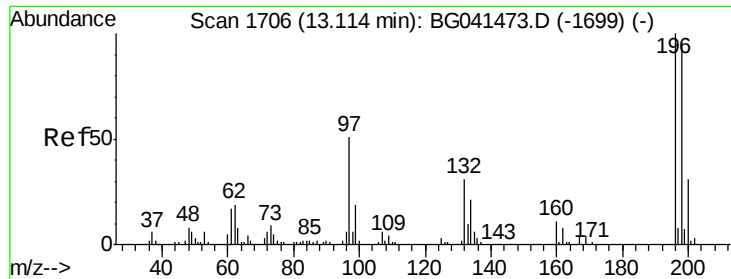
Acq: 3 Jul 2019 10:45

Tgt Ion:	330	Resp:	83718
Ion Ratio	Lower	Upper	
330	100		
332	94.7	75.5	113.3
141	36.9	27.8	41.6



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





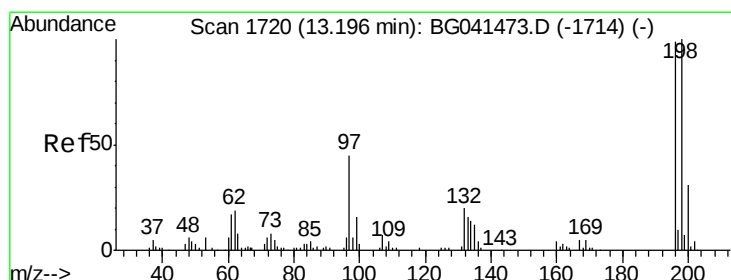
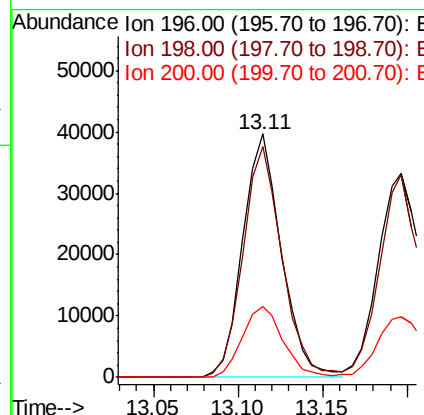
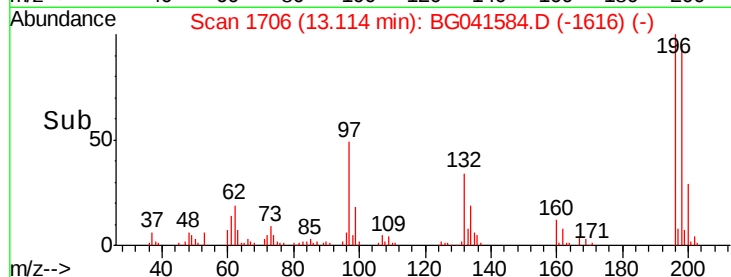
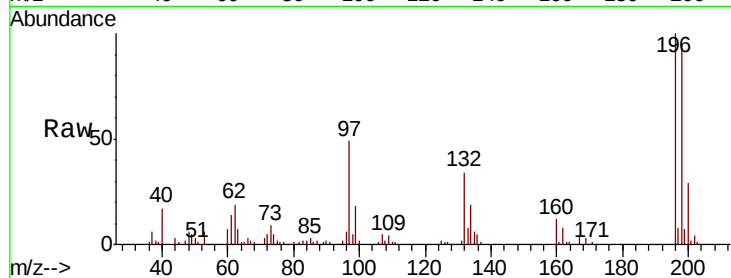
#43
 2,4,6-Trichlorophenol
 Concen: 39.309 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.7	115.1
200	29.1	24.4	36.6

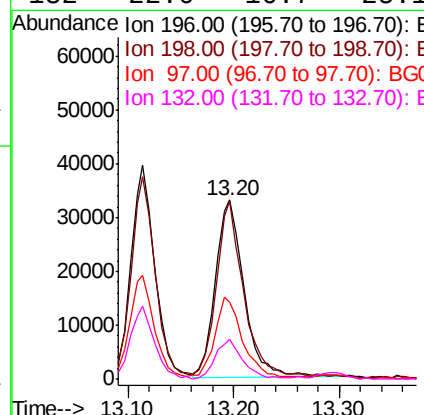
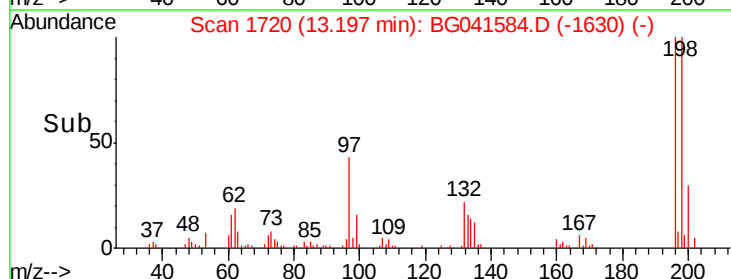
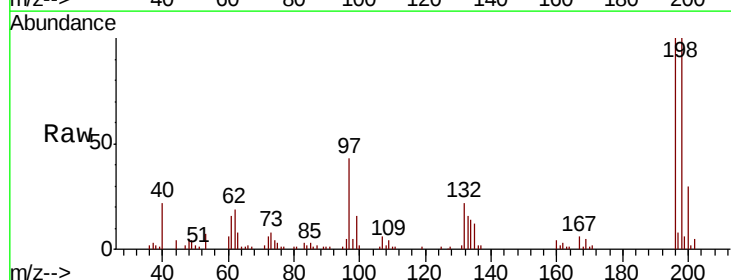
Manual Integrations
 APPROVED

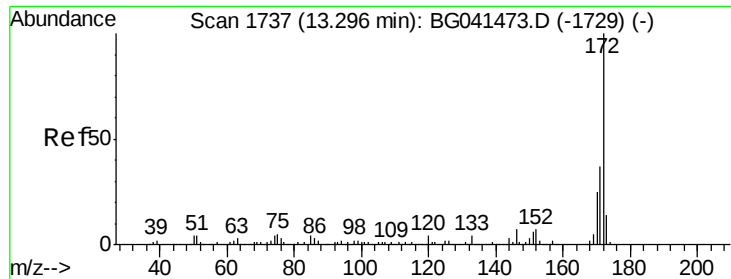
mohammad
 7/5/2019 8:42:46 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.923 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	80.5	120.7
97	42.7	36.5	54.7
132	22.0	16.7	25.1





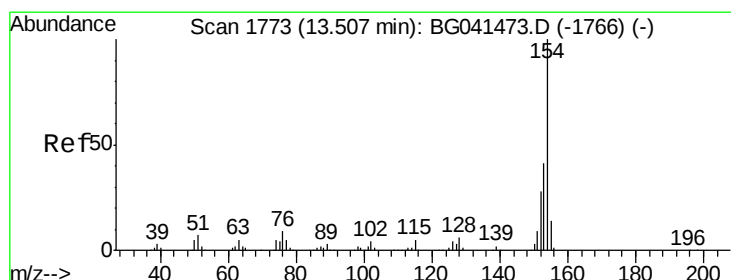
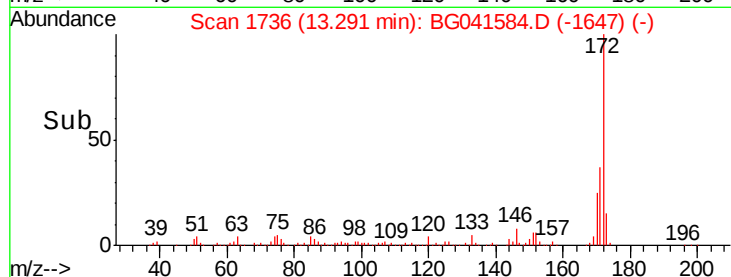
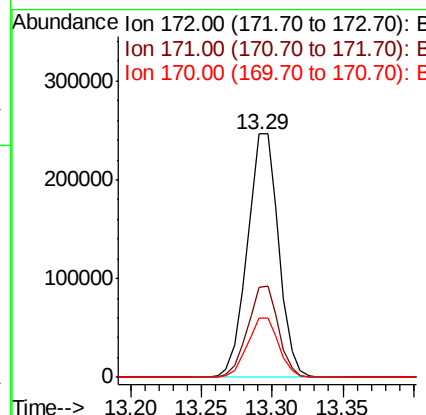
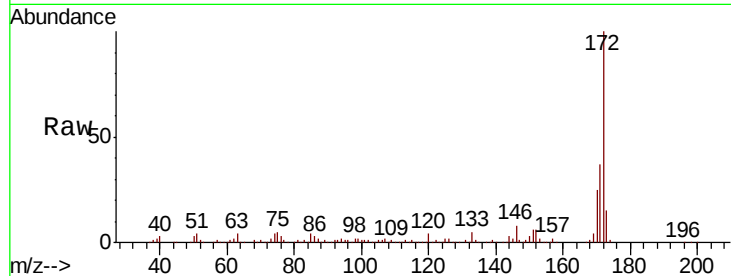
#45
2-Fluorobiphenyl
Concen: 79.525 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.5	20.0	30.0

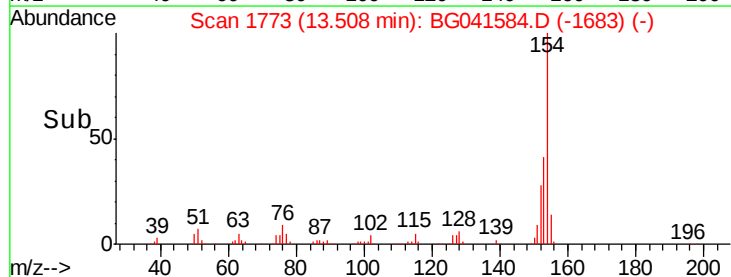
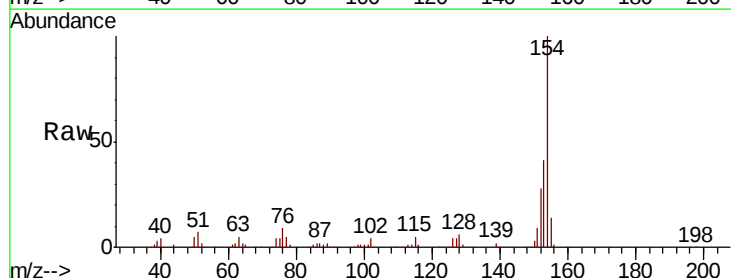
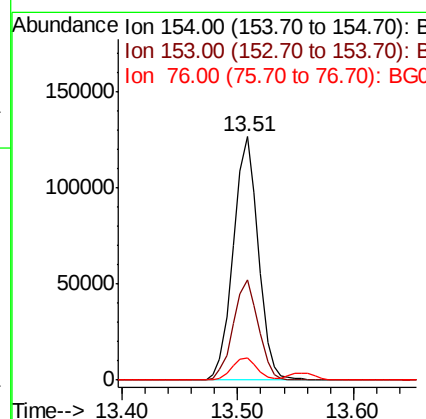
Manual Integrations
APPROVED

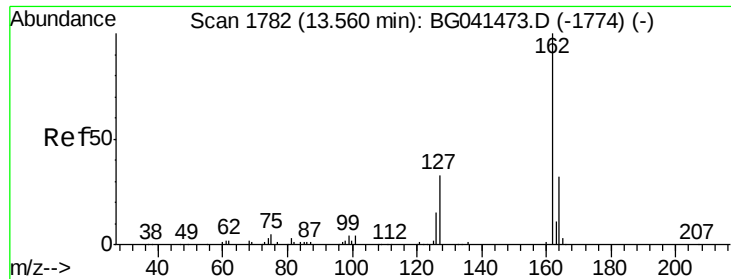
mohammad
7/5/2019 8:42:46 AM



#46
1,1'-Biphenyl
Concen: 38.953 ng
RT: 13.51 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.9	60.9
76	9.3	0.0	29.4





#47

2-Chloronaphthalene

Concen: 39.691 ng

RT: 13.55 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

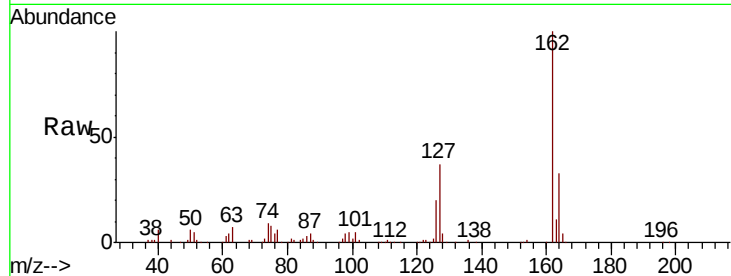
ClientSampleId :

SSTDCCC040

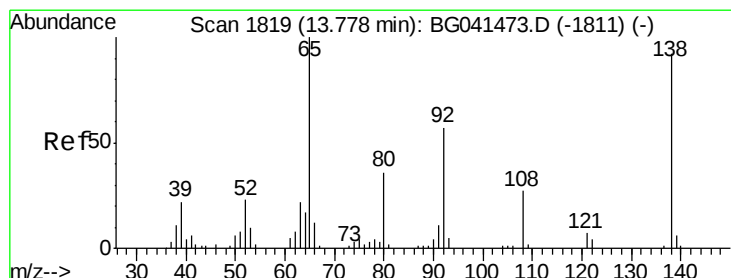
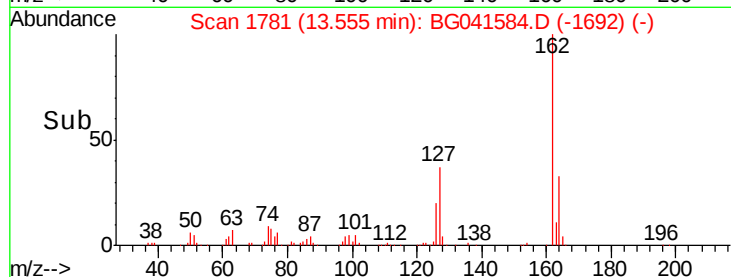
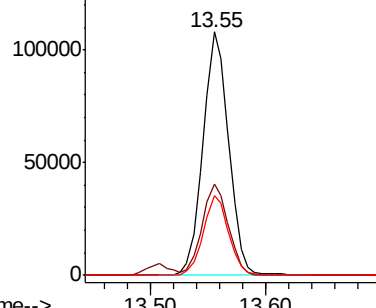
Tot Ion:	162	Resp:	166055
Ion Ratio	Lower	Upper	
162	100		
127	37.3	30.0	45.0
164	32.7	25.8	38.6

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 36.939 ng

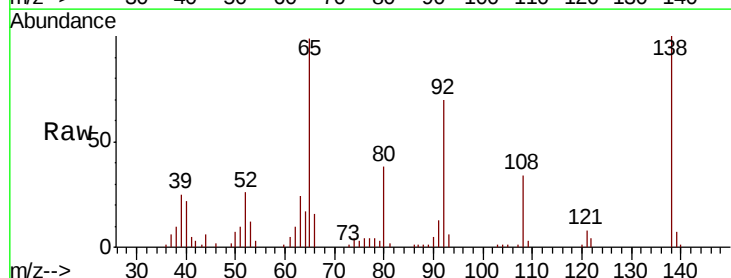
RT: 13.77 min Scan# 1818

Delta R.T. -0.01 min

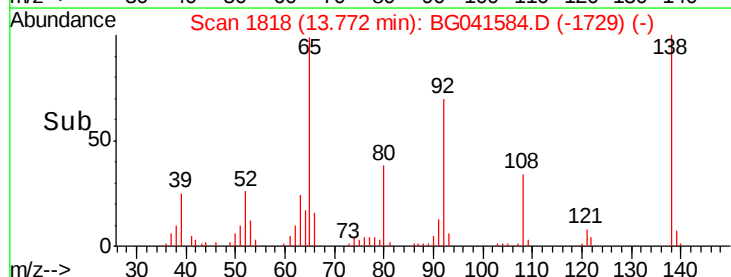
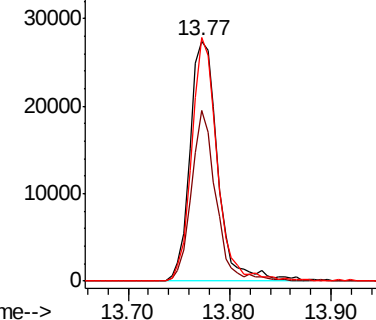
Lab File: BG041584.D

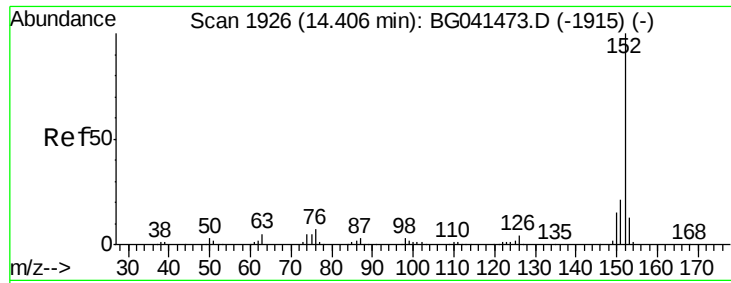
Acq: 3 Jul 2019 10:45

Tgt Ion:	65	Resp:	52389
Ion Ratio	Lower	Upper	
65	100		
92	70.8	45.9	68.9#
138	101.3	73.4	110.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.766 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

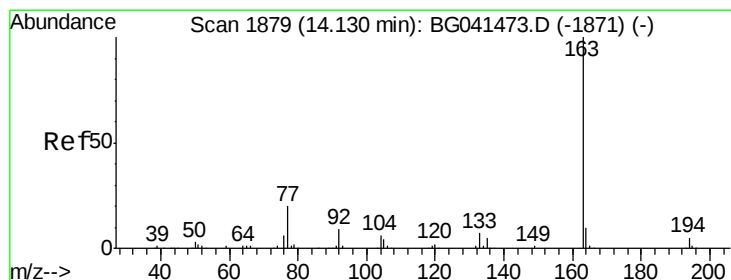
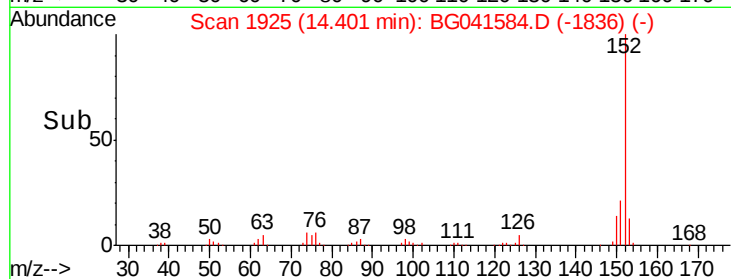
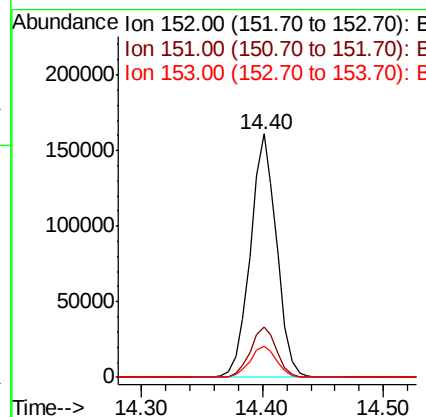
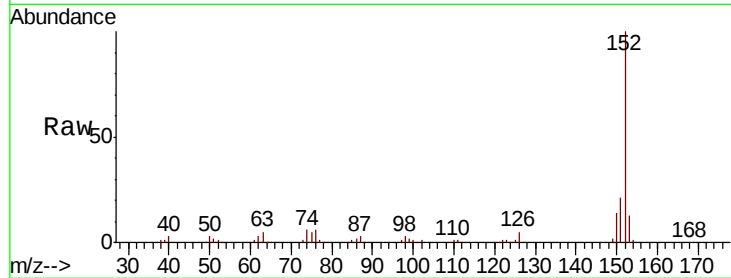
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		242420		
151	20.8	16.7	25.1		
153	13.0	10.8	16.2		

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM



#50

Dimethylphthalate

Concen: 38.414 ng

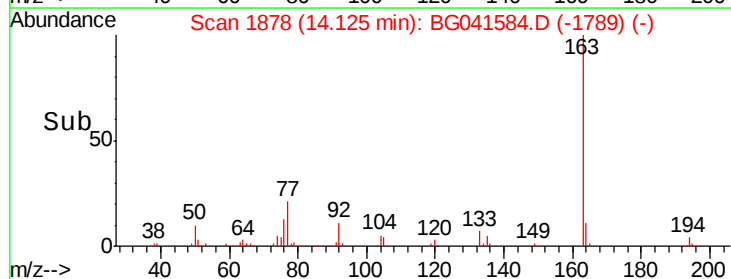
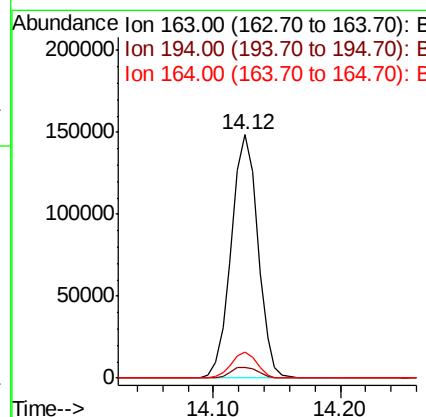
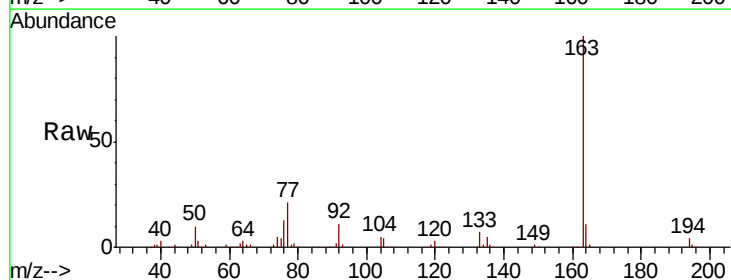
RT: 14.12 min Scan# 1878

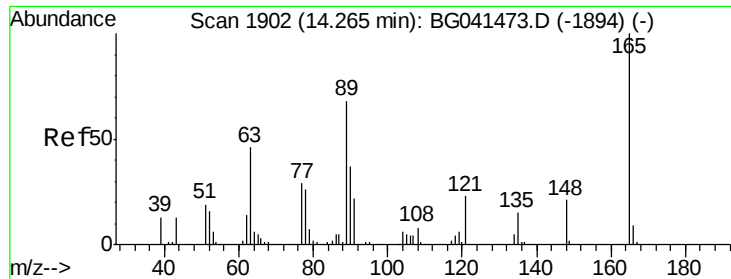
Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		215804		
194	4.4	3.7	5.5		
164	10.7	7.8	11.6		





#51

2,6-Dinitrotoluene

Concen: 38.733 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

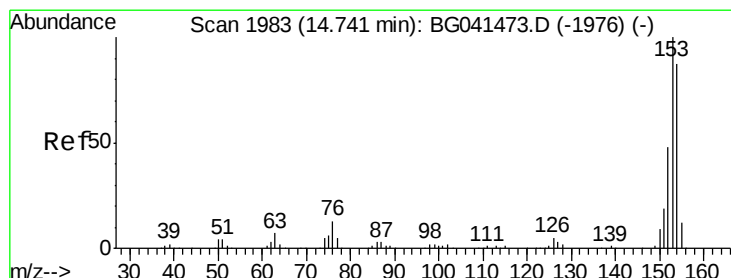
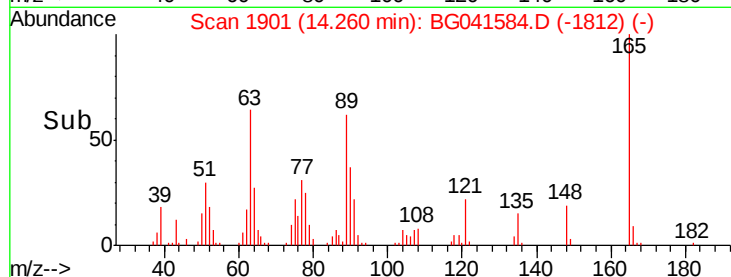
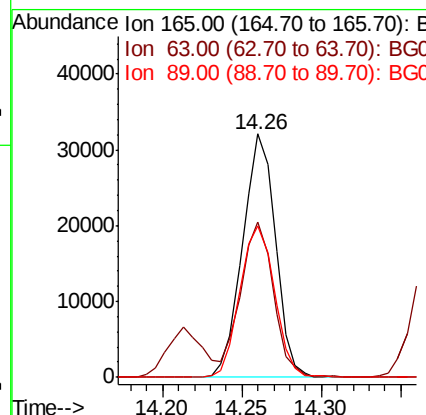
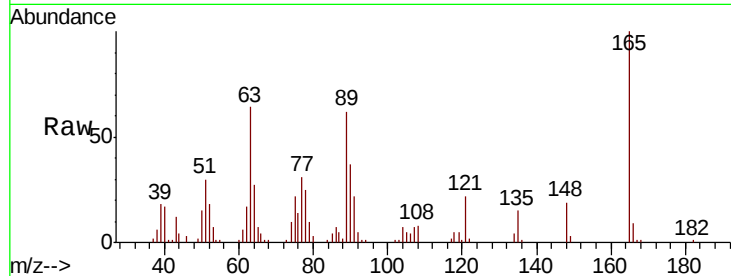
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	46177
Ion Ratio	Lower	Upper	
165	100		
63	63.6	56.4	84.6
89	62.3	54.6	81.8

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM



#52

Acenaphthene

Concen: 38.295 ng

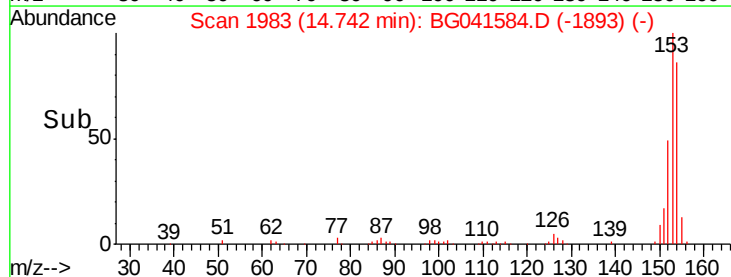
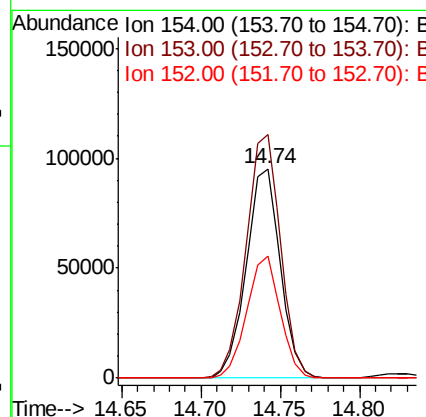
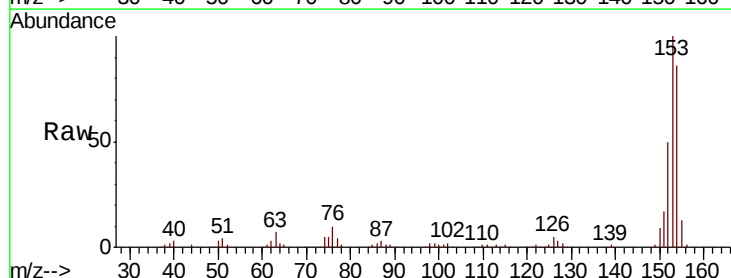
RT: 14.74 min Scan# 1983

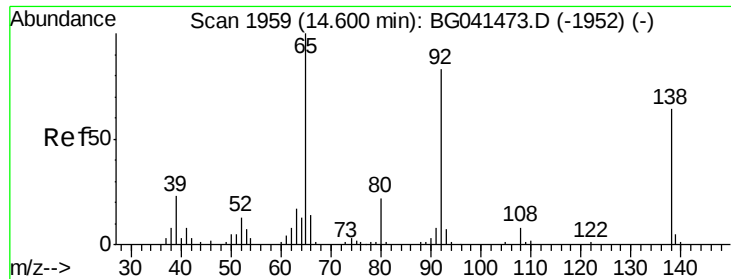
Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Tgt Ion:	154	Resp:	142010
Ion Ratio	Lower	Upper	
154	100		
153	116.4	92.2	138.4
152	58.5	44.1	66.1





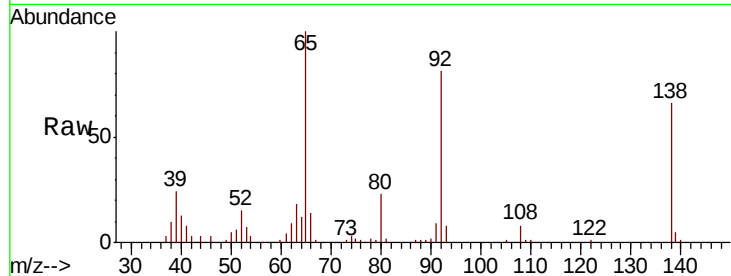
#53
3-Nitroaniline
Concen: 36.640 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	9.5	14.3
92	123.3	103.3	154.9

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM

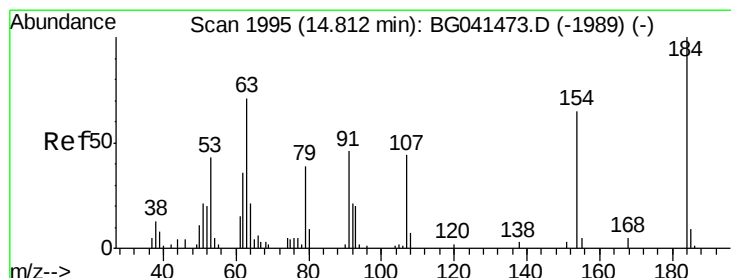
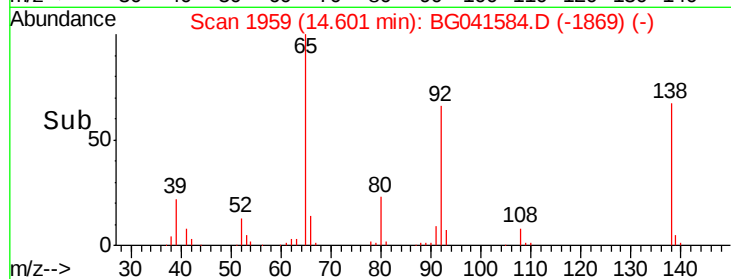
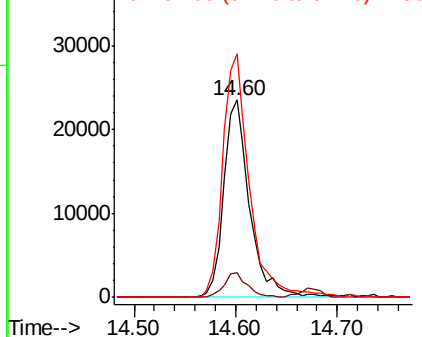


Abundance

Ion 138.00 (137.70 to 138.70): E

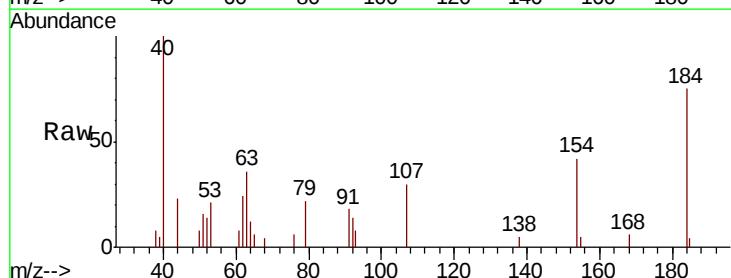
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 15.969 ng
RT: 14.84 min Scan# 1999
Delta R.T. 0.02 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.2	56.5	84.7#
154	56.9	54.2	81.4

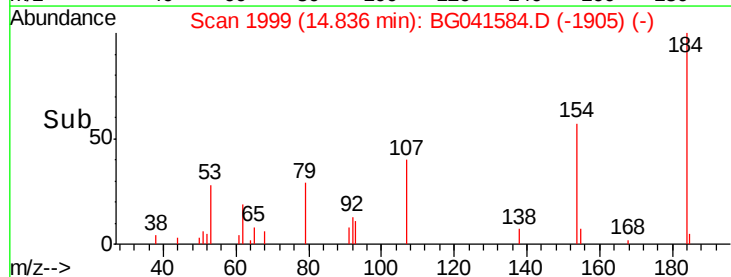
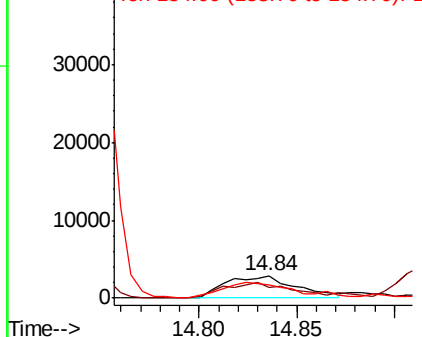


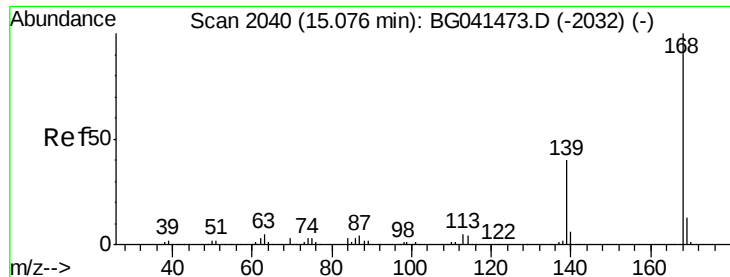
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





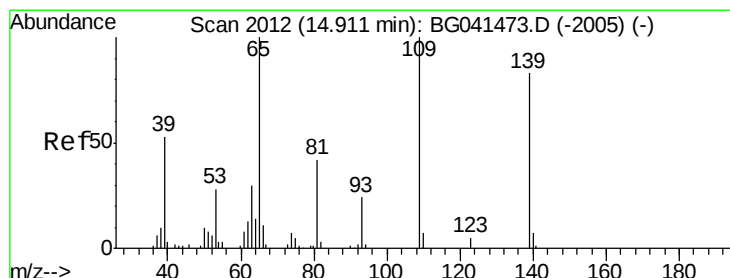
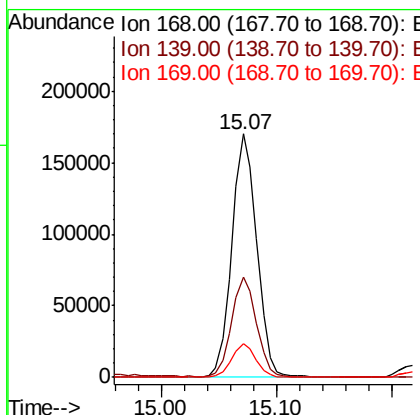
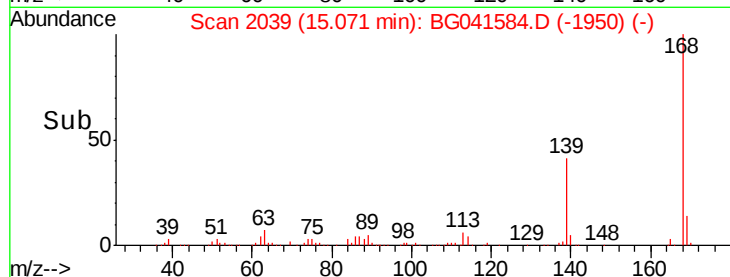
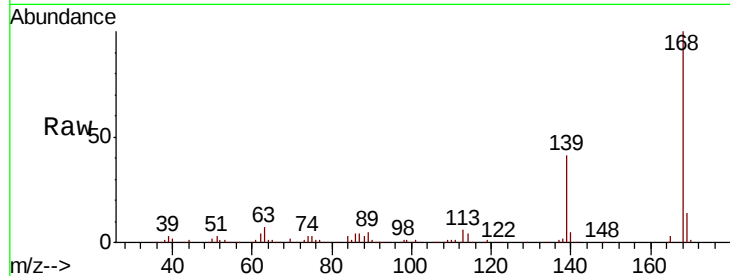
#55
Dibenzenofuran
Concen: 39.251 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	32.2	48.4
169	14.0	10.6	16.0

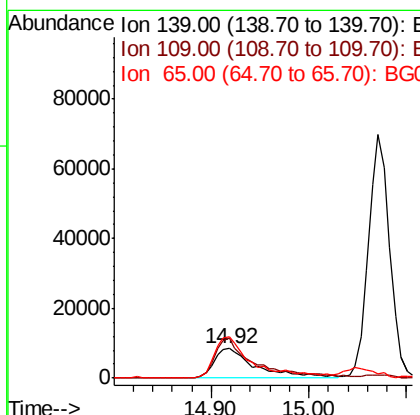
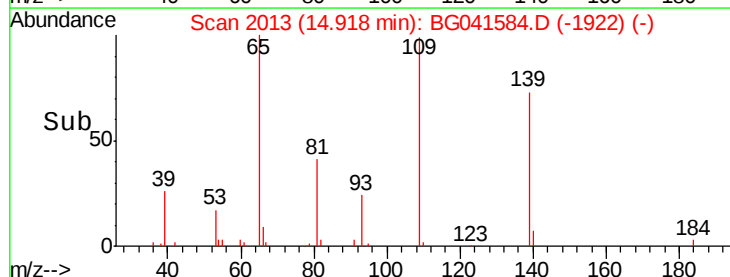
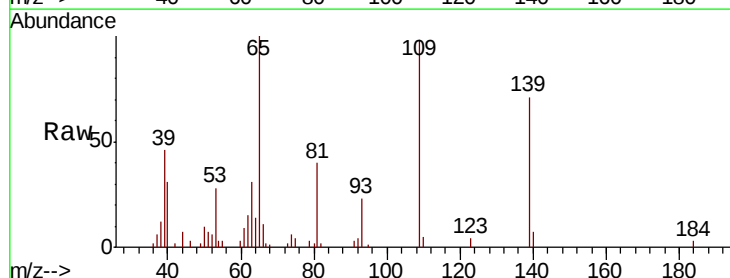
Manual Integrations
APPROVED

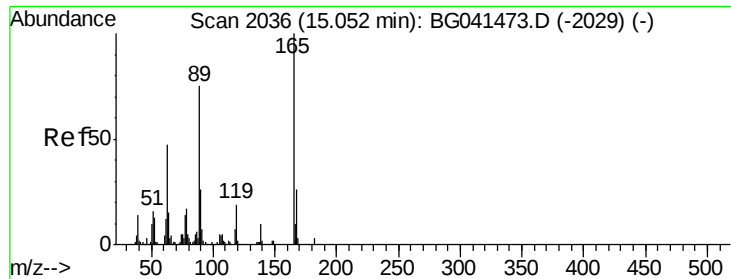
mohammad
7/5/2019 8:42:46 AM



#56
4-Nitrophenol
Concen: 34.663 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	137.7	99.9	139.9
65	140.5	100.6	140.6





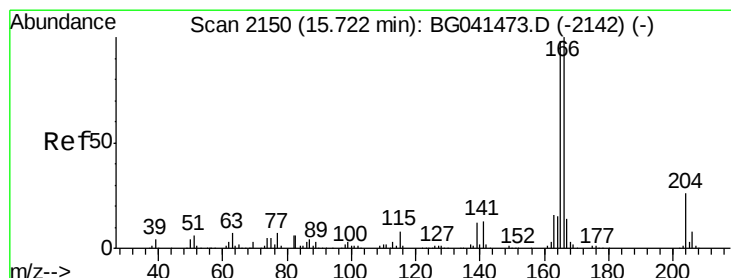
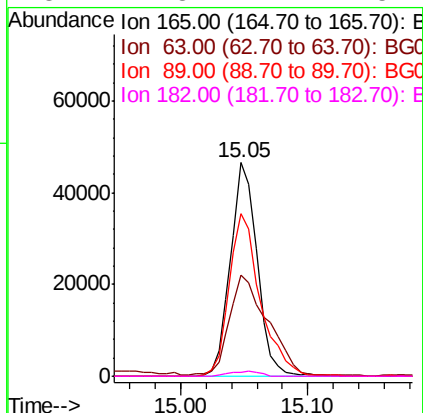
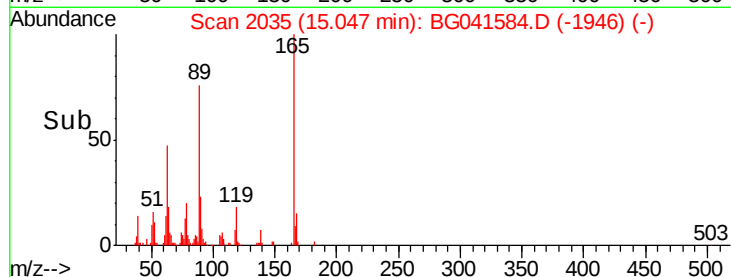
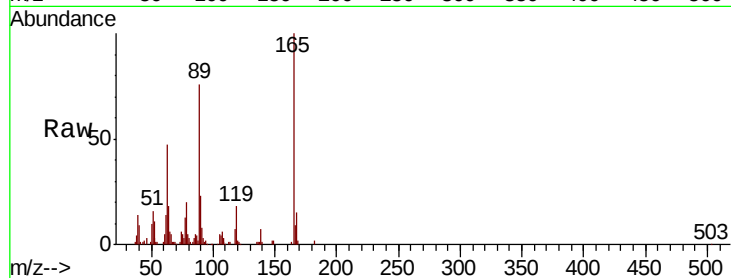
#57
2,4-Dinitrotoluene
Concen: 38.991 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.4	38.8	58.2
89	76.4	60.1	90.1
182	1.8	2.2	3.2

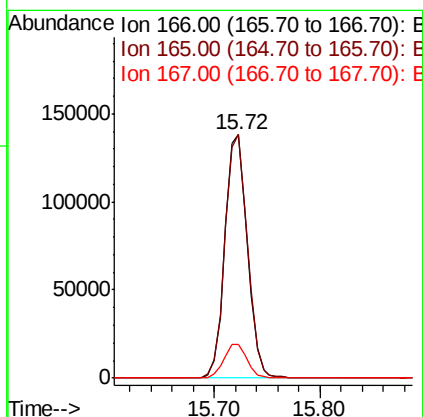
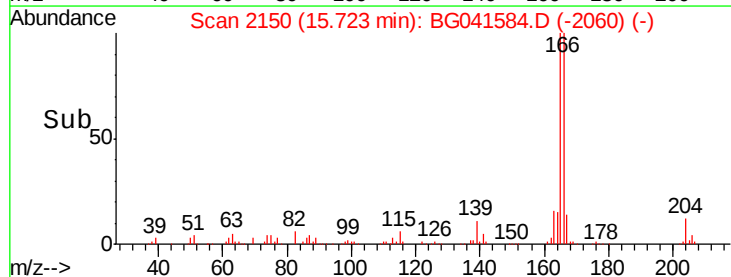
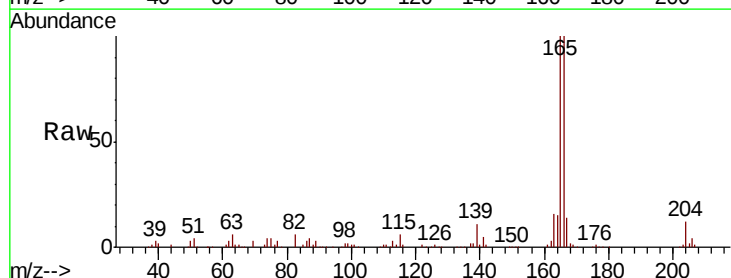
Manual Integrations
APPROVED

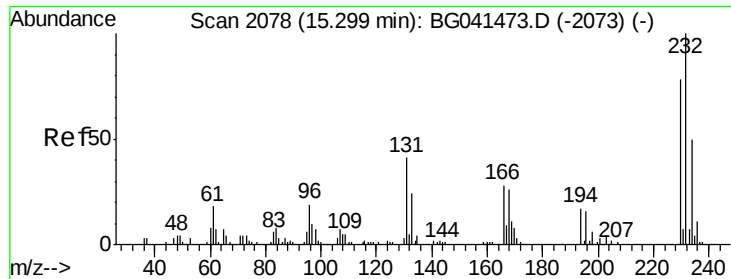
mohammad
7/5/2019 8:42:46 AM



#58
Fluorene
Concen: 39.513 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.6	117.8
167	13.9	11.4	17.0





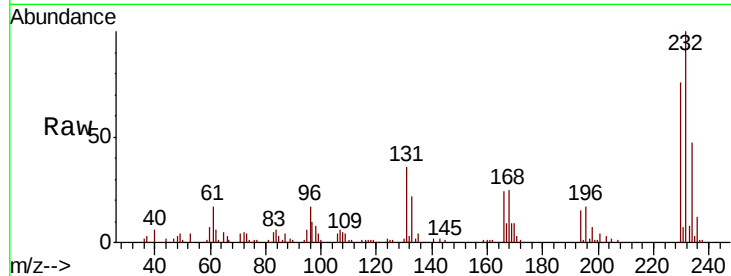
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.972 ng/ml
RT: 15.30 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

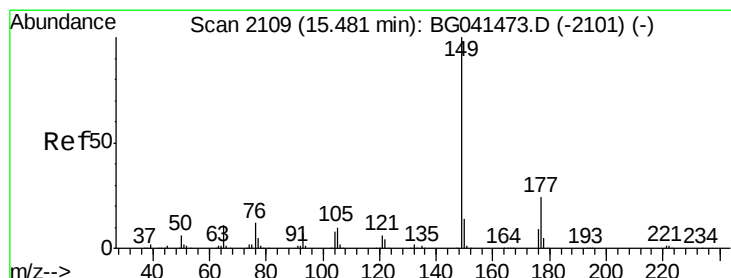
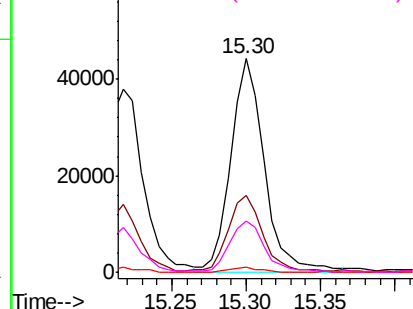
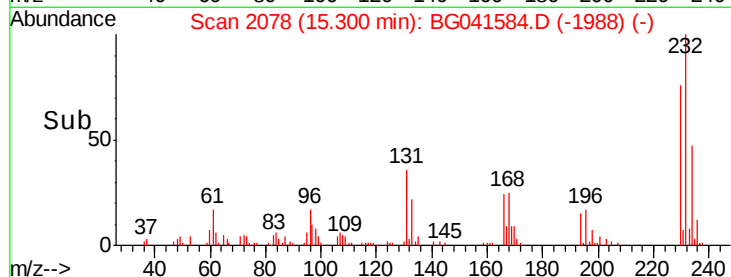
Tot Ion	Ratio	Lower	Upper
232	100		
131	31.2	29.8	44.6
130	1.9	2.0	3.0
166	20.4	20.2	30.2

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM

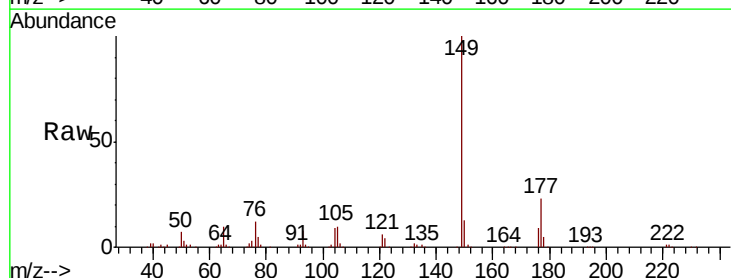


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

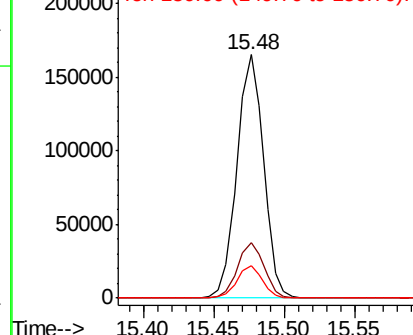
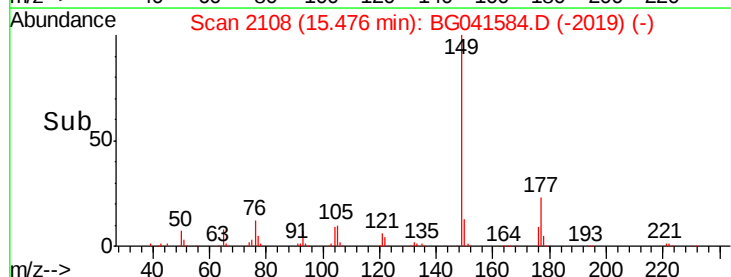


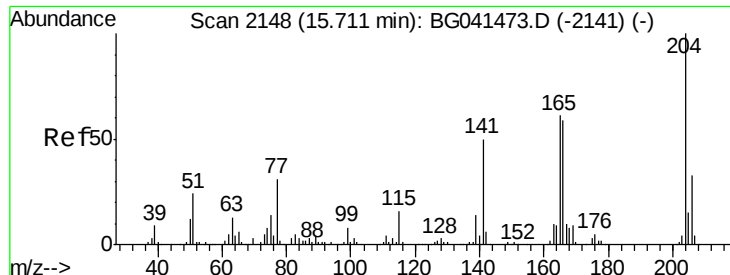
#60
Diethylphthalate
Concen: 37.832 ng
RT: 15.48 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.2	28.8
150	13.1	11.2	16.8



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





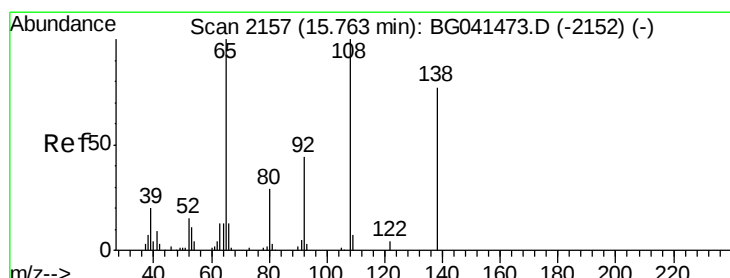
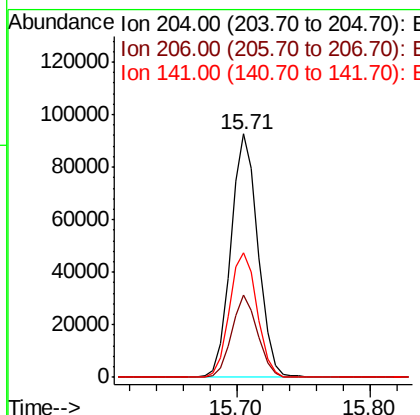
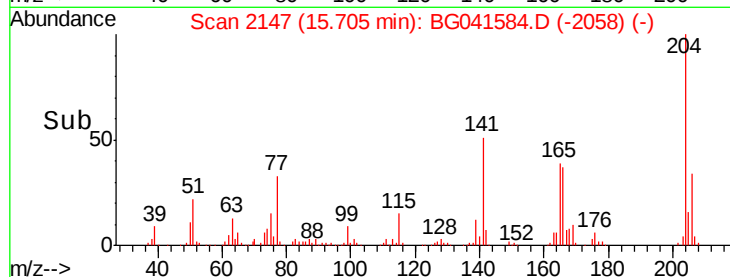
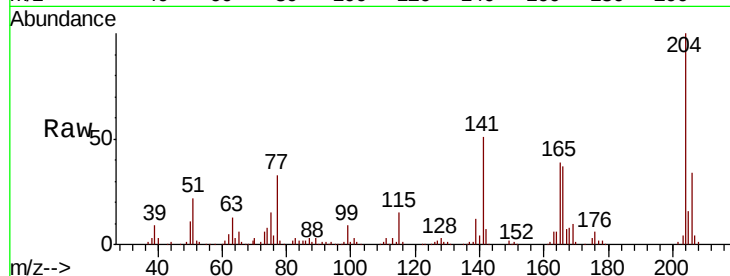
#61
4-Chlorophenyl-phenylether
Concen: 39.355 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.6	40.0
141	51.1	40.1	60.1

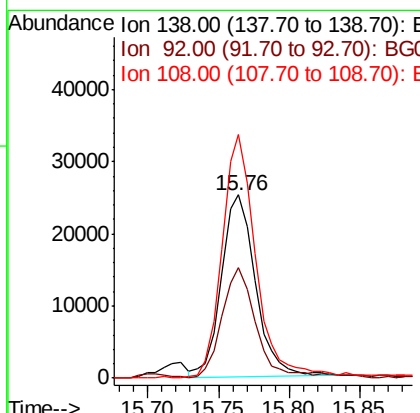
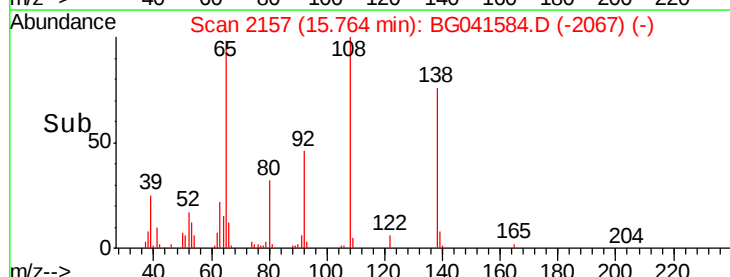
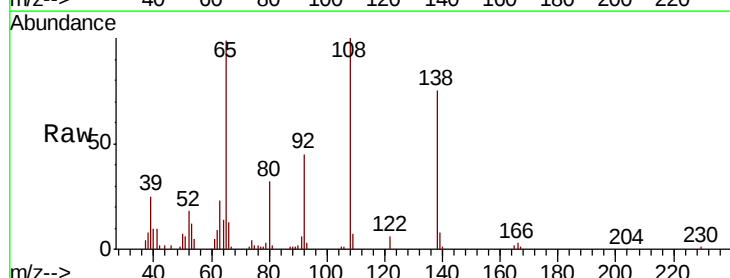
Manual Integrations
APPROVED

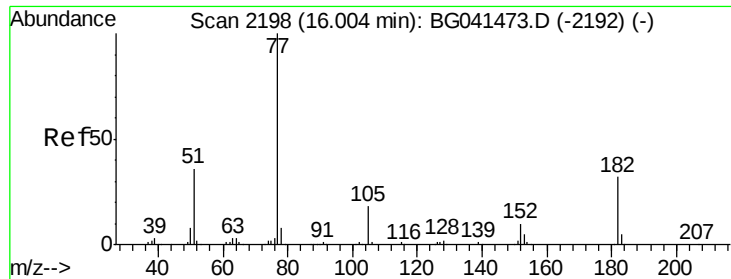
mohammad
7/5/2019 8:42:46 AM



#62
4-Nitroaniline
Concen: 38.324 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.2	34.9	74.9
108	133.0	105.5	145.5





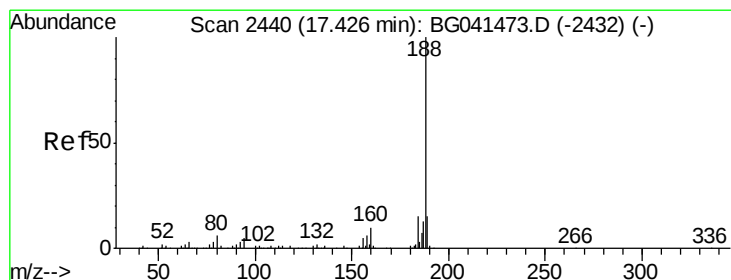
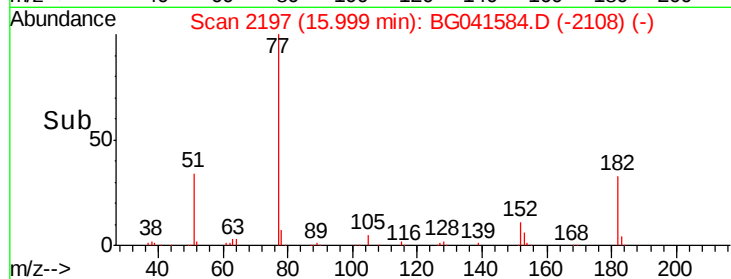
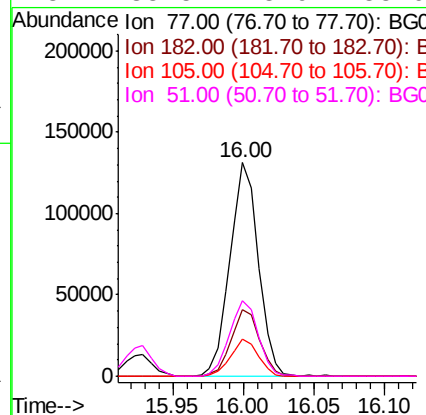
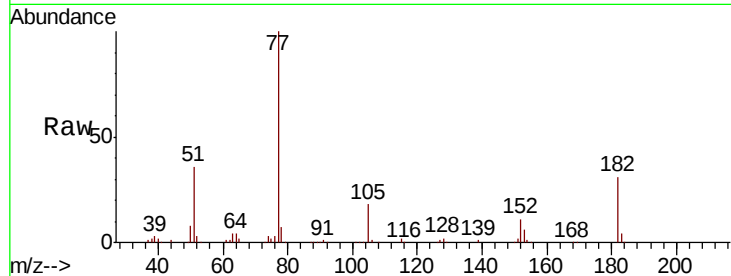
#63
Azobenzene
Concen: 37.756 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.1	12.2	52.2	
105	17.6	0.0	38.1	
51	35.5	15.9	55.9	

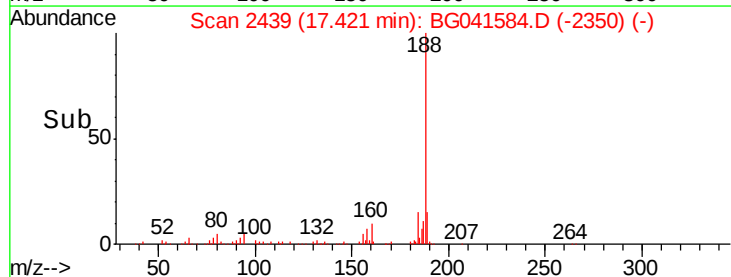
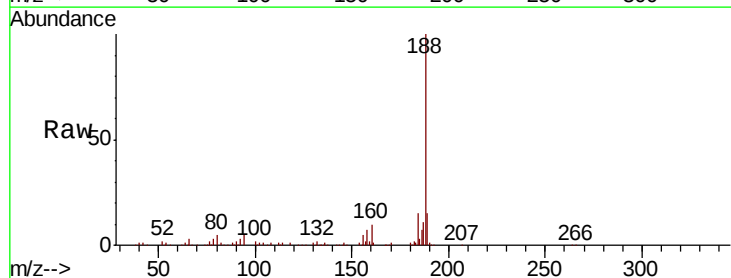
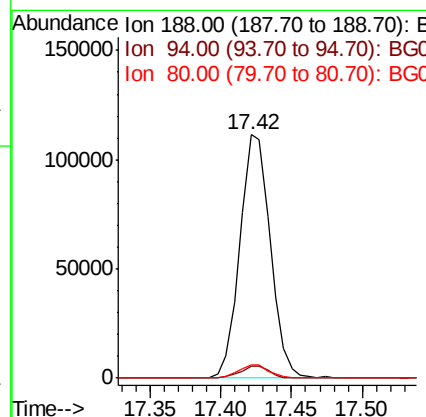
Manual Integrations
APPROVED

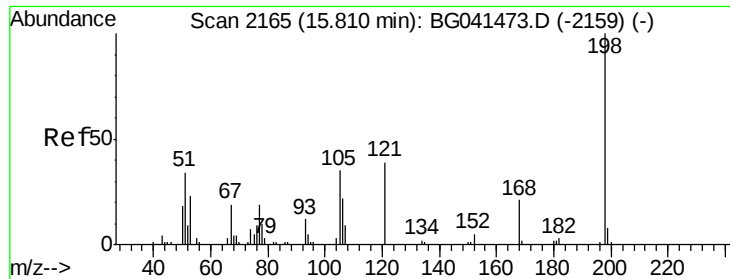
mohammad
7/5/2019 8:42:46 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	4.7	3.8	5.8	
80	5.5	4.8	7.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 23.725 ng

RT: 15.82 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 24687

Ion Ratio Lower Upper

198 100

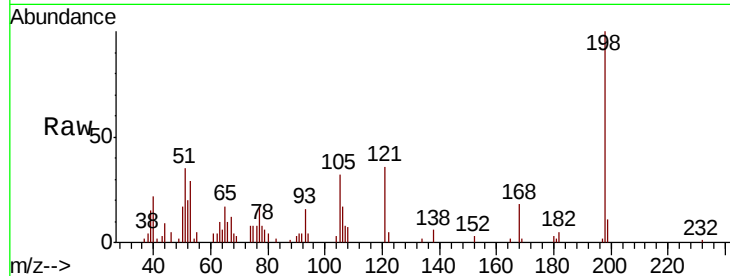
51 34.7 19.0 59.0

105 32.3 16.1 56.1

Manual Integrations
APPROVED

mohammad

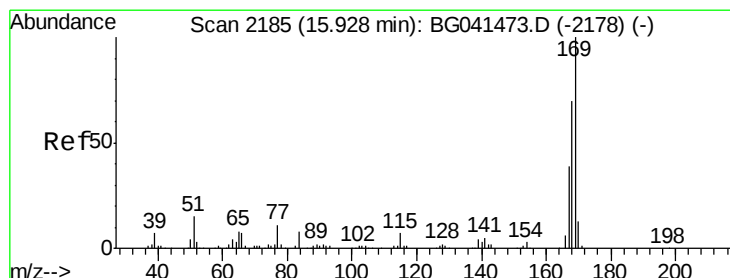
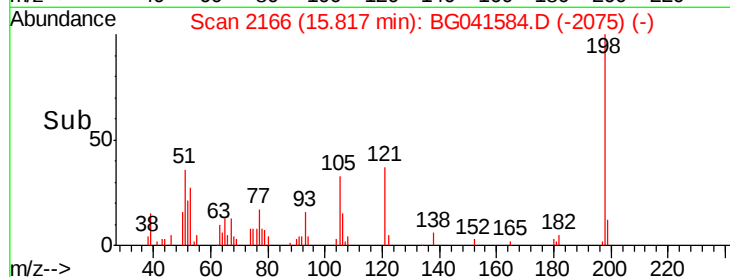
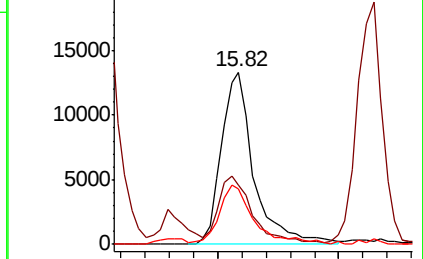
7/5/2019 8:42:46 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.223 ng

RT: 15.93 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

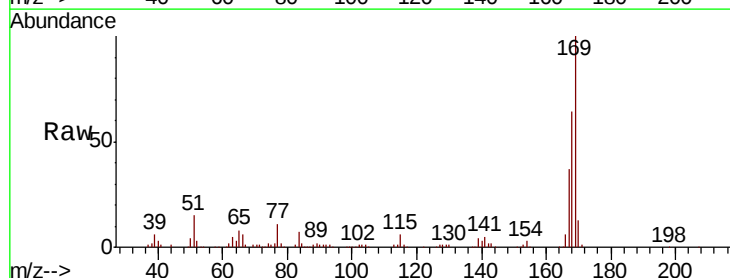
Tgt Ion:169 Resp: 172116

Ion Ratio Lower Upper

169 100

168 64.2 56.2 84.4

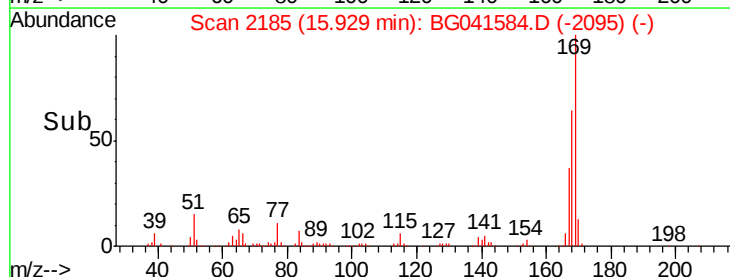
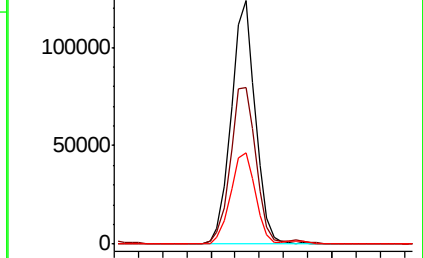
167 37.3 31.0 46.6

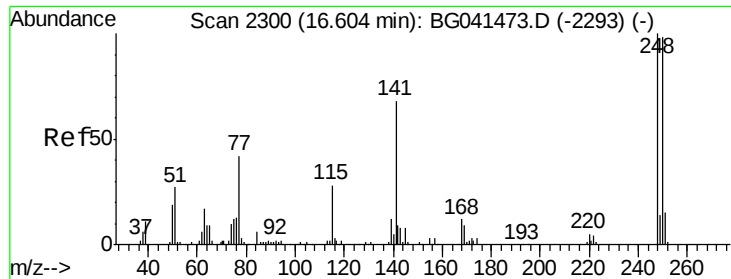


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





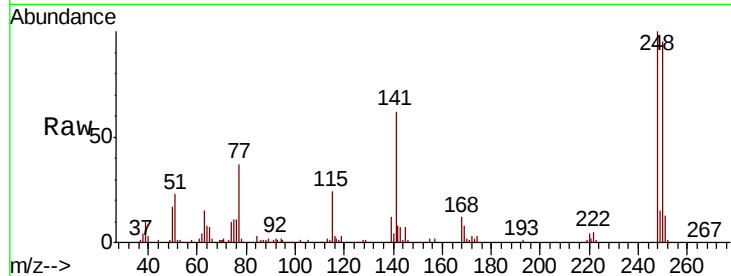
#67
 4-Bromophenyl-phenylether
 Concen: 38.905 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	78.1	117.1
141	62.3	54.1	81.1

Manual Integrations
 APPROVED

mohammad
 7/5/2019 8:42:46 AM

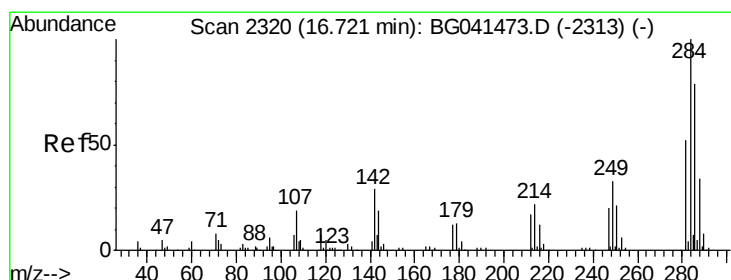
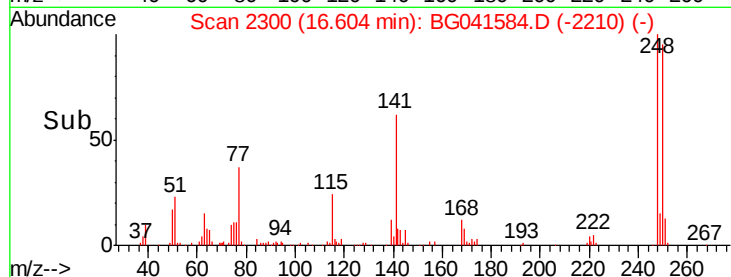
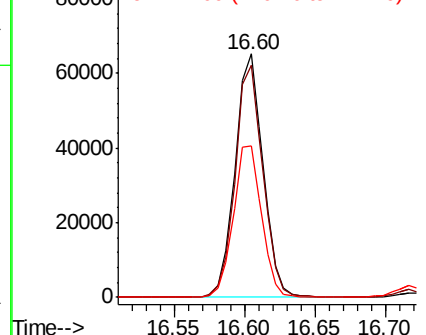


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.638 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

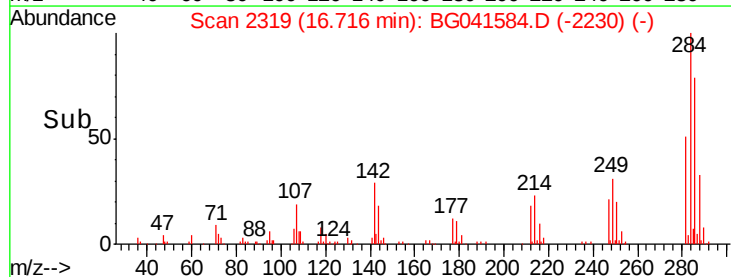
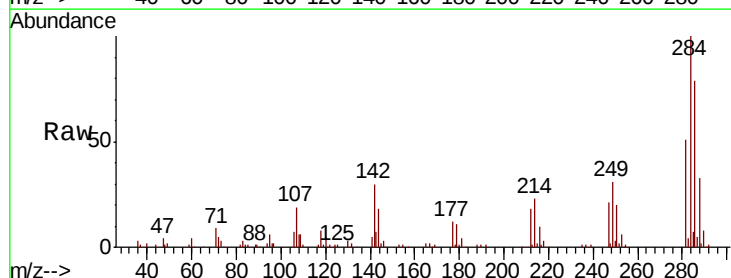
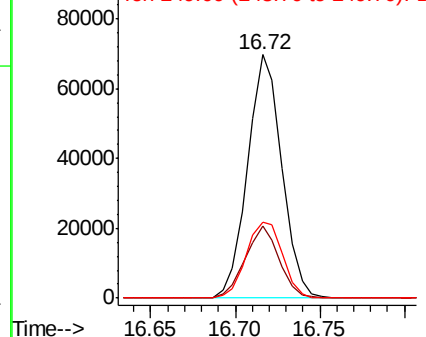
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	22.9	34.3
249	31.3	26.1	39.1

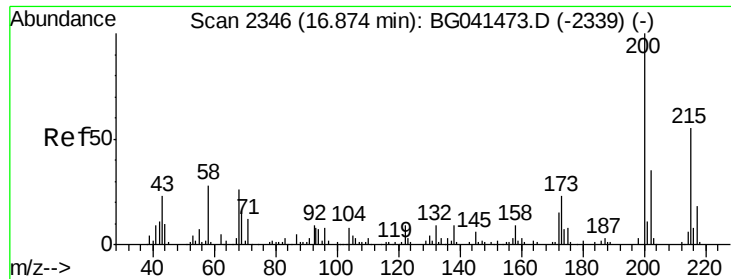
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.628 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

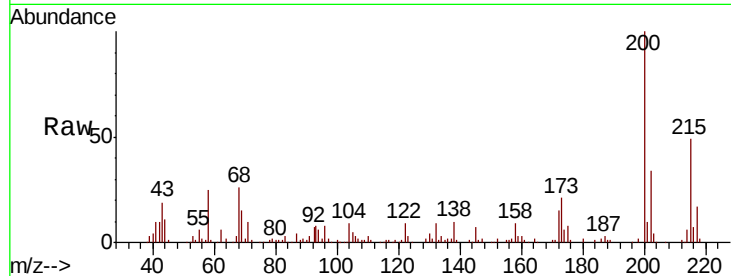
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.3	3.1	43.1
215	48.6	34.7	74.7

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM

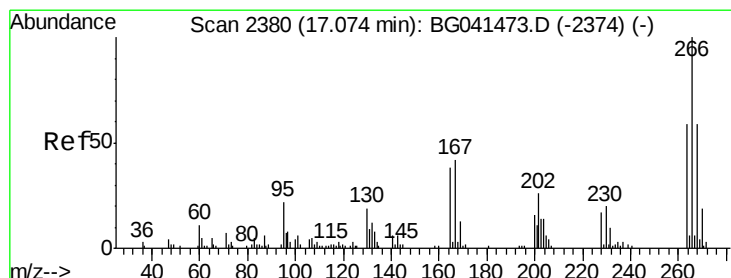
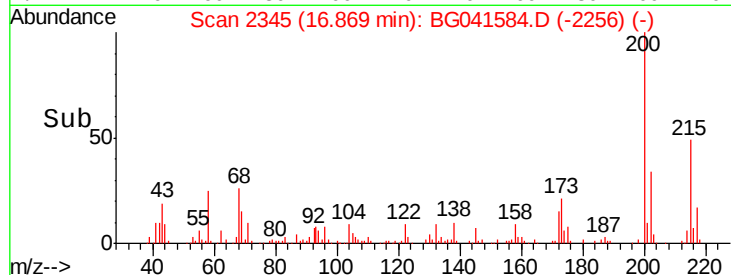
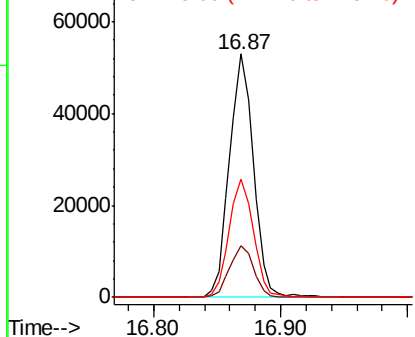


Abundance

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: 32.341 ng

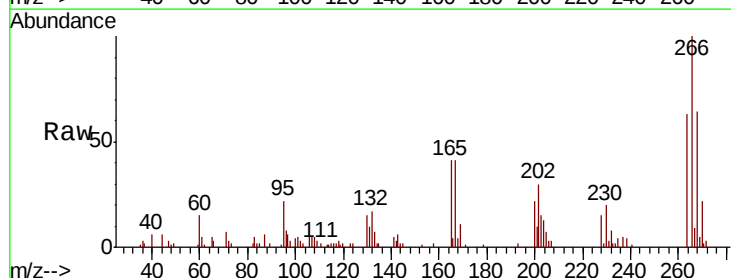
RT: 17.08 min Scan# 2381

Delta R.T. 0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	47.0	70.4
264	63.1	47.4	71.0

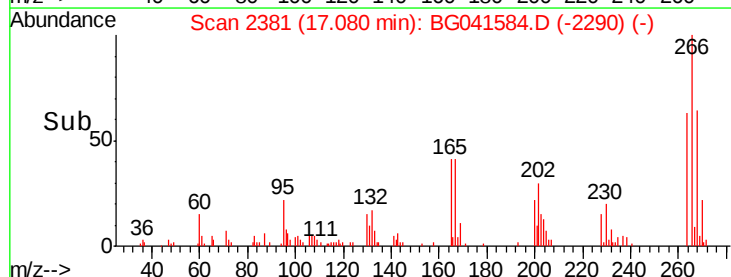
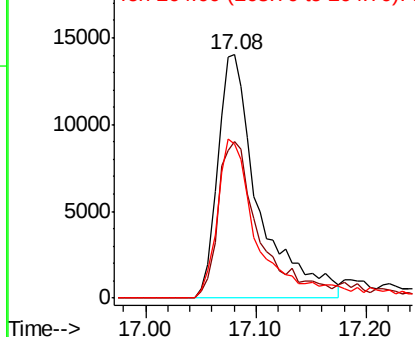


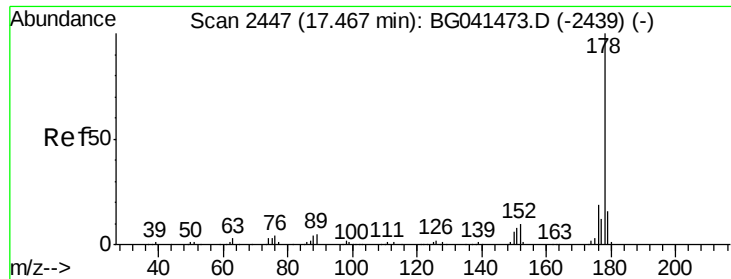
Abundance

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





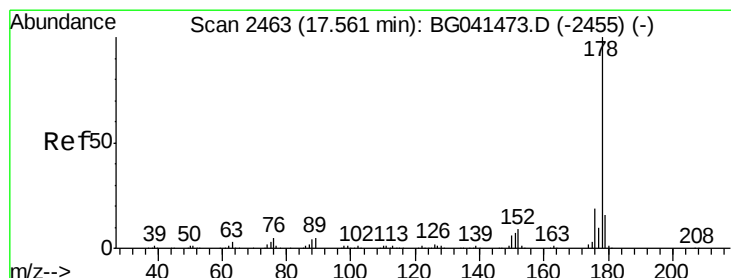
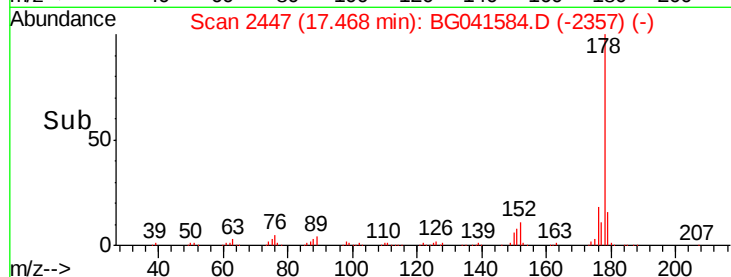
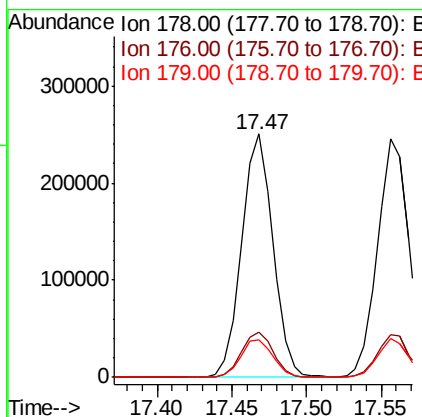
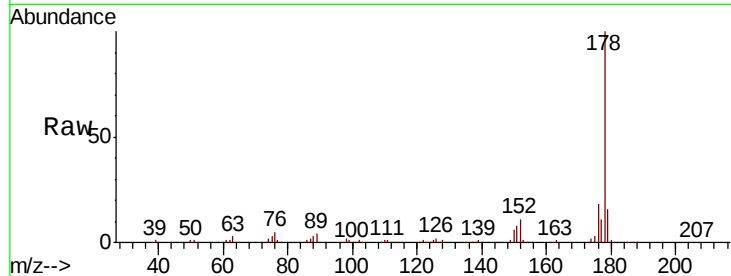
#71
Phenanthrene
Concen: 39.299 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	15.5	13.0	19.4

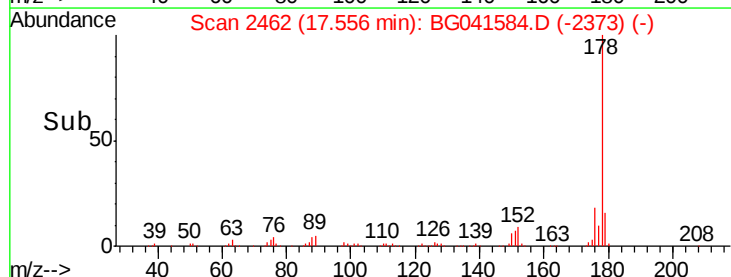
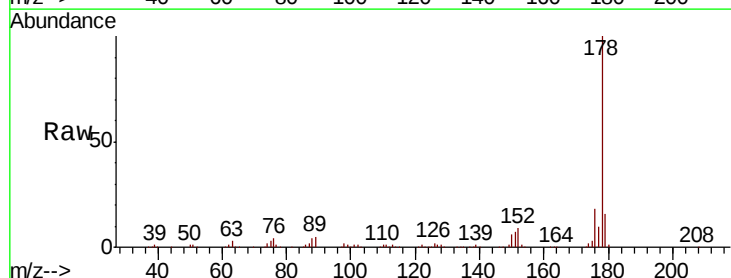
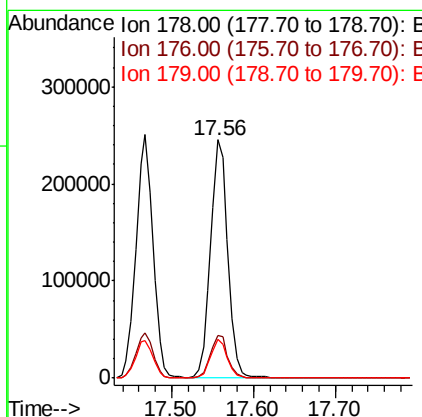
Manual Integrations
APPROVED

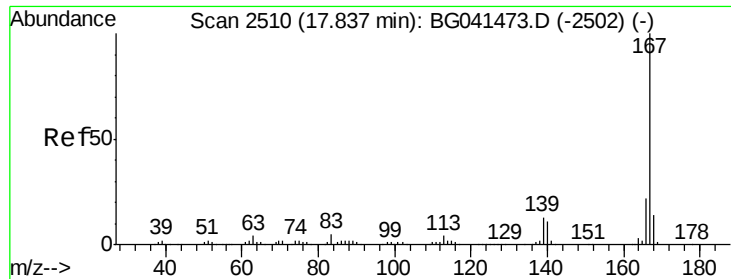
mohammad
7/5/2019 8:42:46 AM



#72
Anthracene
Concen: 39.107 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	16.1	12.8	19.2





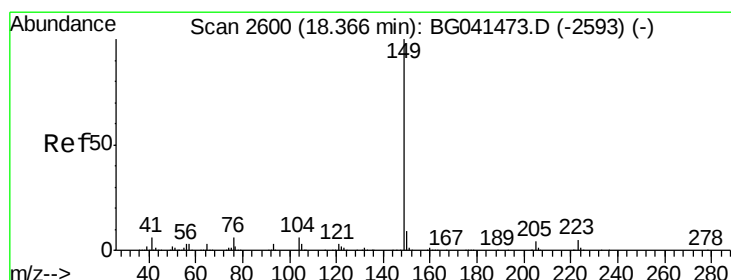
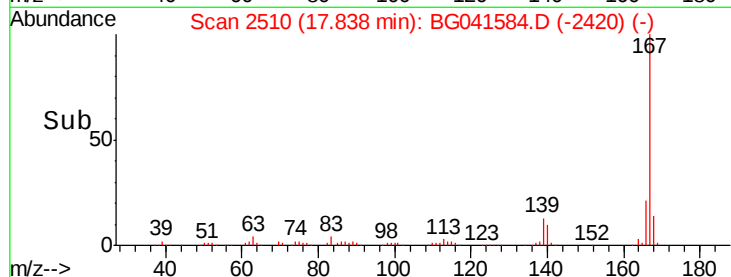
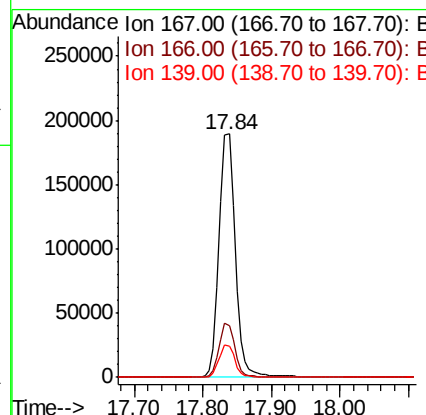
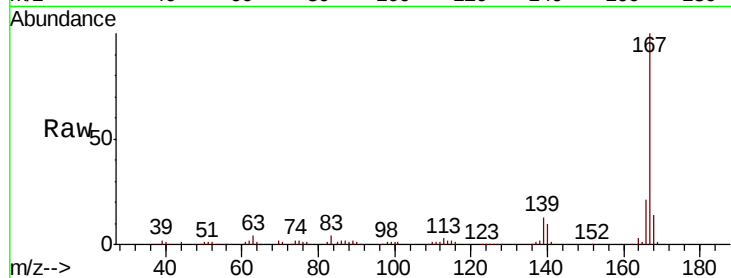
#73
 Carbazole
 Concen: 39.833 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.8	26.6
139	12.9	10.8	16.2

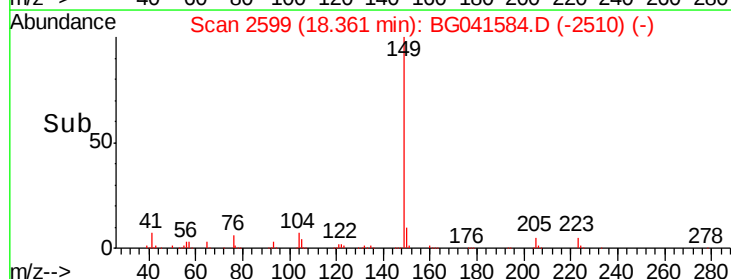
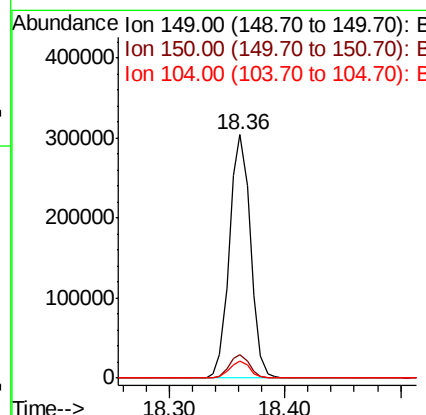
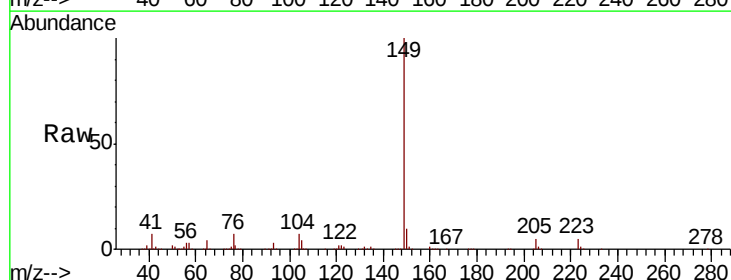
Manual Integrations
 APPROVED

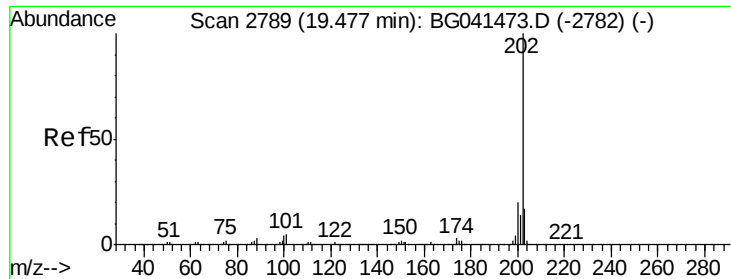
mohammad
 7/5/2019 8:42:46 AM



#74
 Di-n-butylphthalate
 Concen: 38.718 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.5	11.3
104	7.1	5.0	7.6





#75

Fluoranthene

Concen: 41.325 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

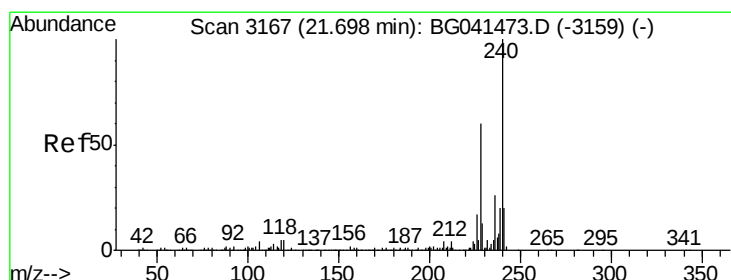
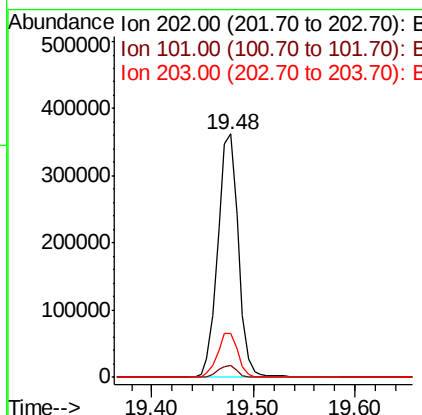
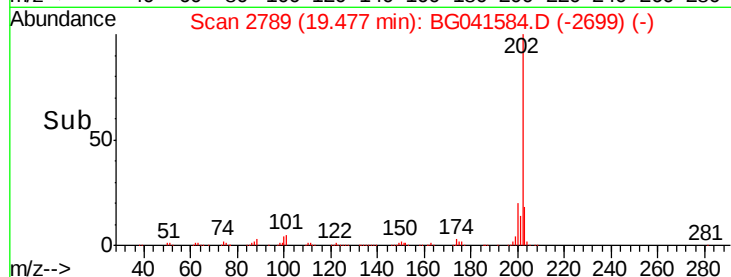
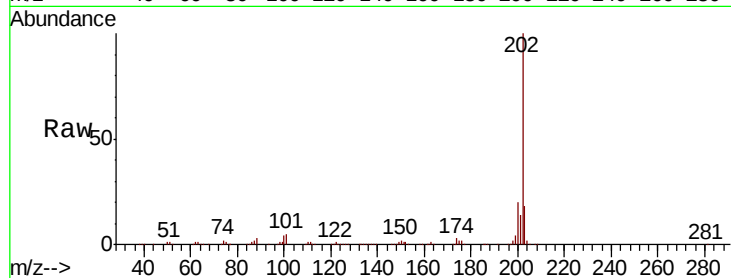
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		510015		
101	4.7	0.0	24.9		
203	17.9	0.0	37.5		

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM



#76

Chrysene-d12

Concen: 20.000 ng

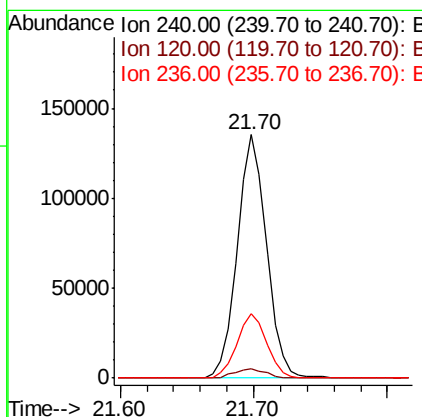
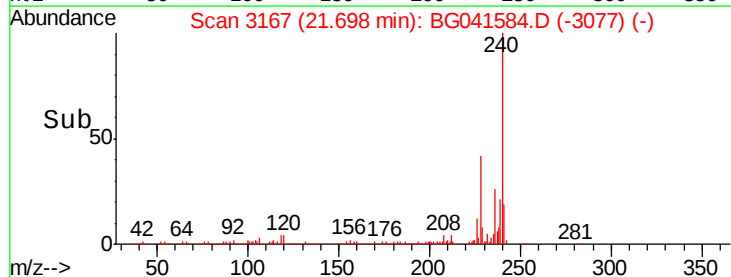
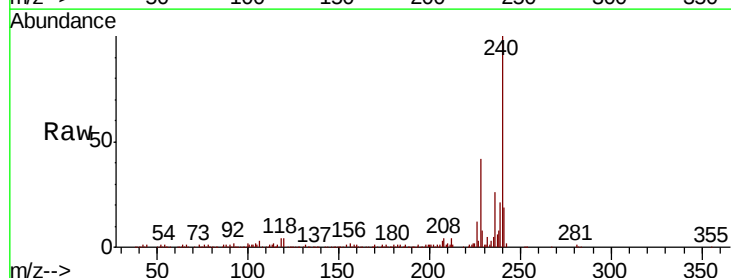
RT: 21.70 min Scan# 3167

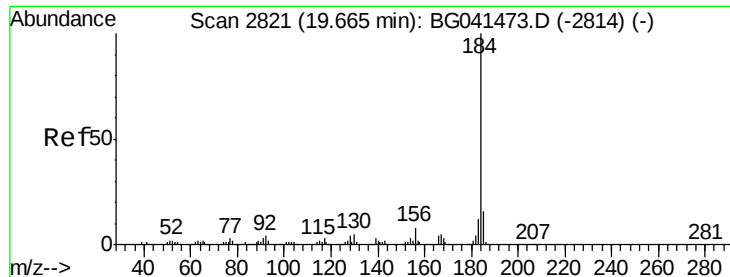
Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		205006		
120	3.6	3.7	5.5#		
236	26.3	20.8	31.2		





#77

Benzidine

Concen: 36.108 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

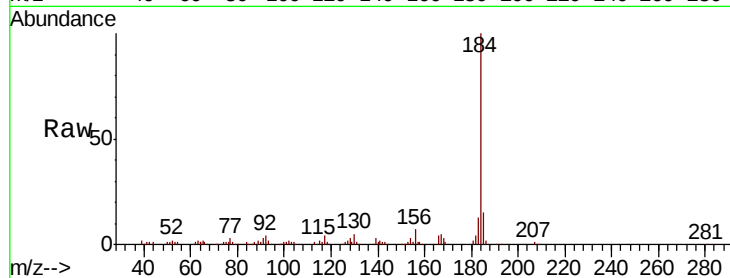
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
185	15.3	12.7	19.1	
183	12.8	9.4	14.2	

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM

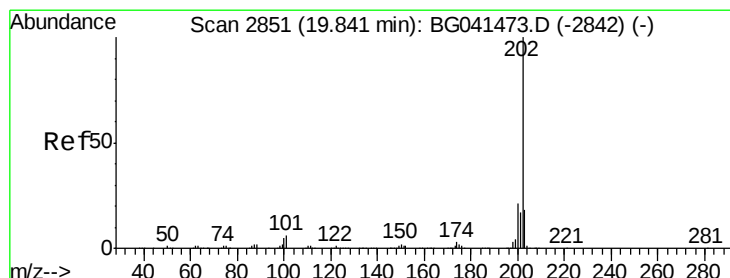
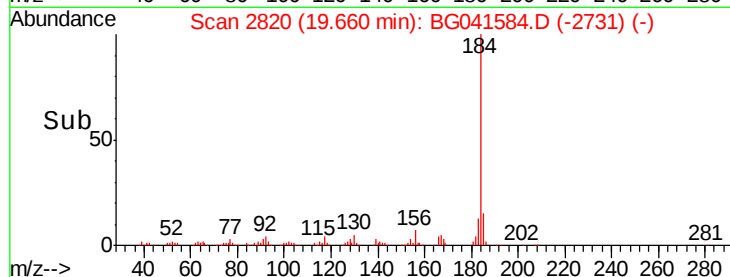
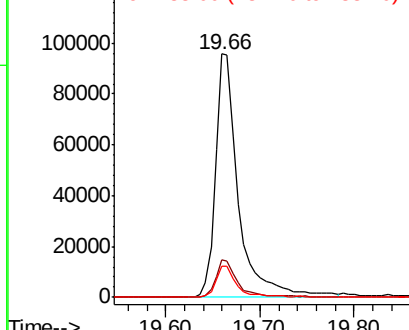


Abundance

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: 37.450 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

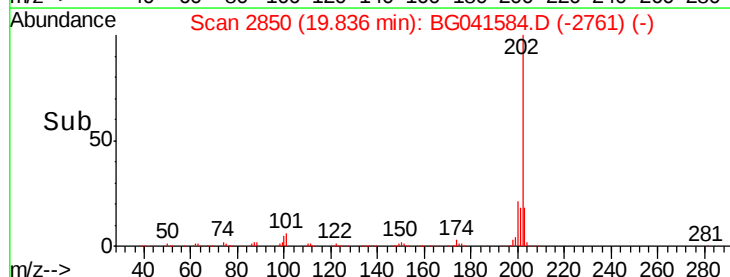
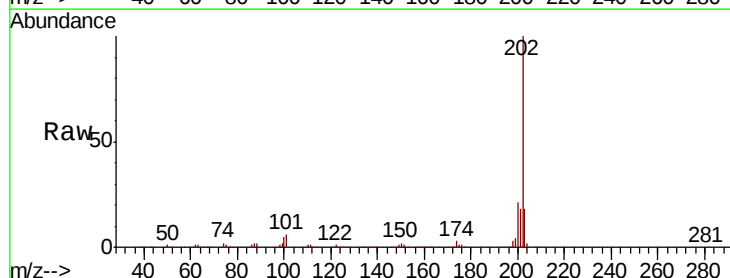
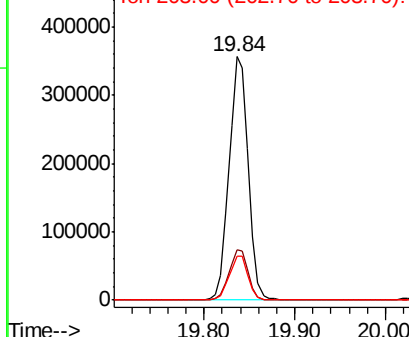
Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	20.8	16.8	25.2	
203	18.2	14.2	21.4	

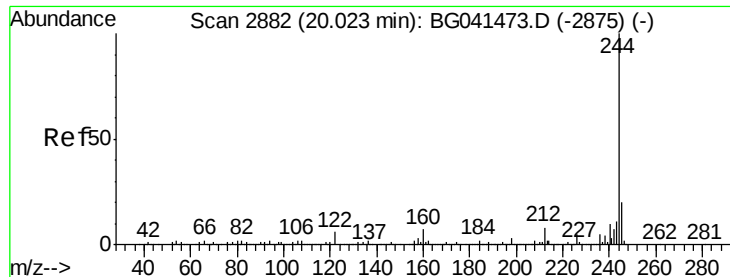
Abundance

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





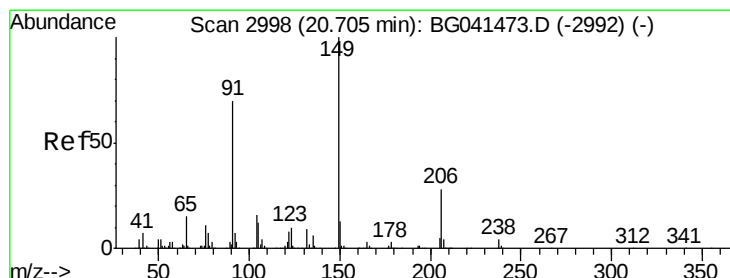
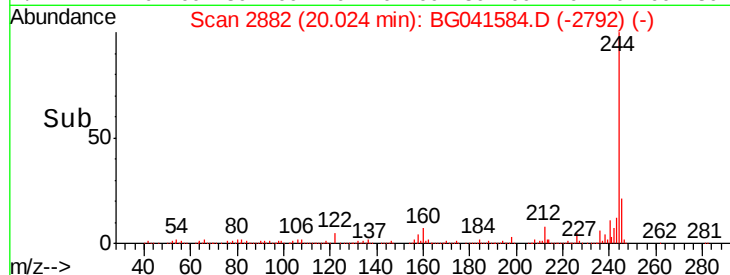
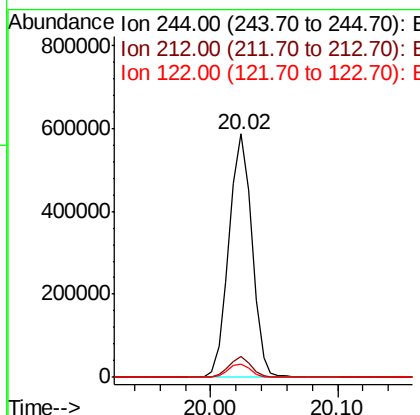
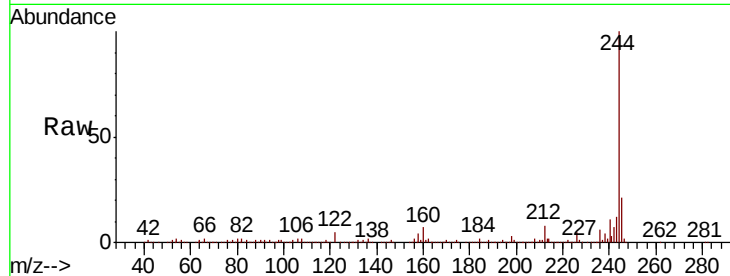
#79
 Terphenyl-d14
 Concen: 76.159 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	244	Resp:	734703
Ion Ratio	Lower	Upper	
244	100		
212	8.5	6.2	9.4
122	5.5	4.8	7.2

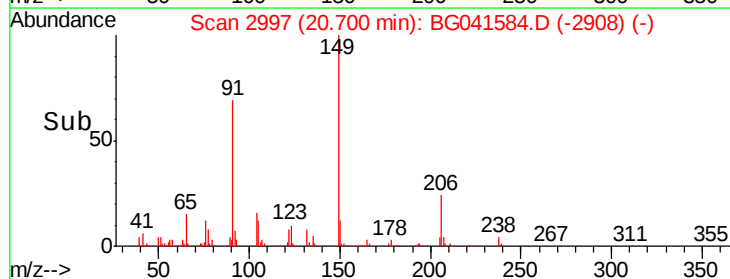
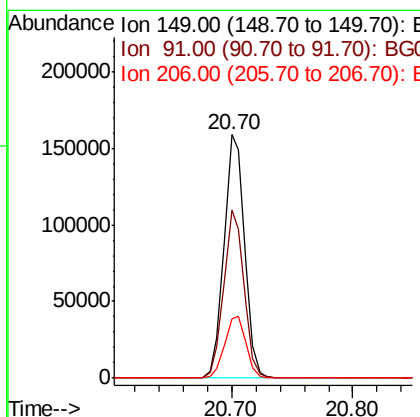
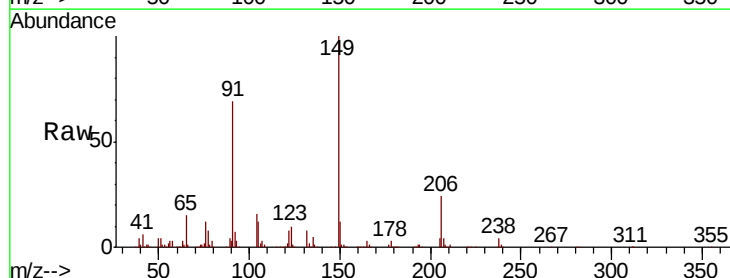
Manual Integrations
 APPROVED

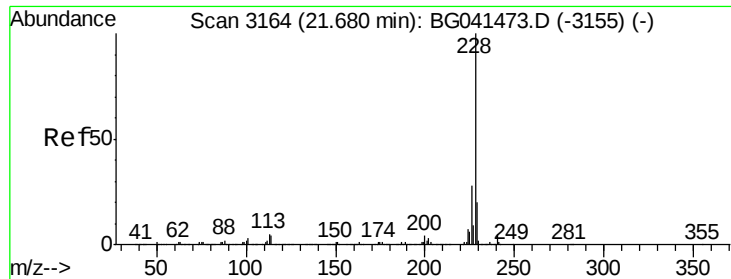
mohammad
 7/5/2019 8:42:46 AM



#80
 Butylbenzylphthalate
 Concen: 35.815 ng
 RT: 20.70 min Scan# 2997
 Delta R.T. -0.01 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Tgt Ion:	149	Resp:	187195
Ion Ratio	Lower	Upper	
149	100		
91	68.8	55.9	83.9
206	24.4	22.1	33.1





#81

Benzo(a)anthracene

Concen: 39.032 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

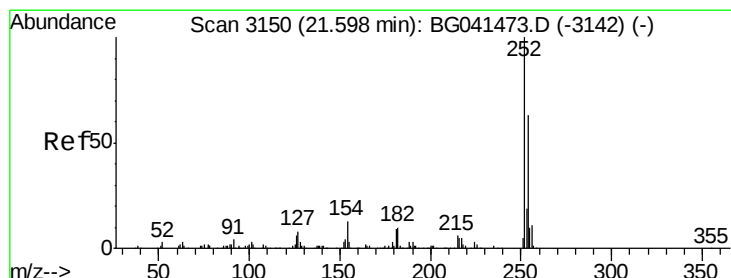
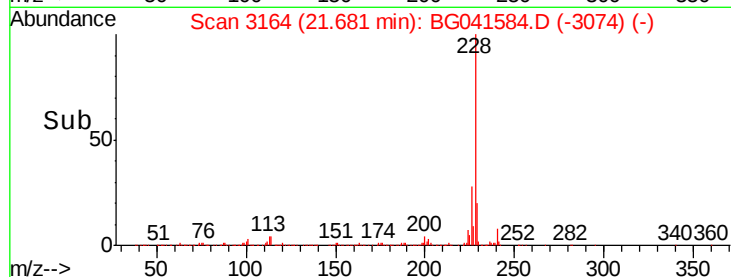
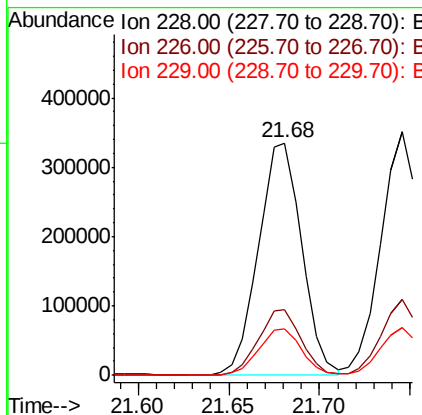
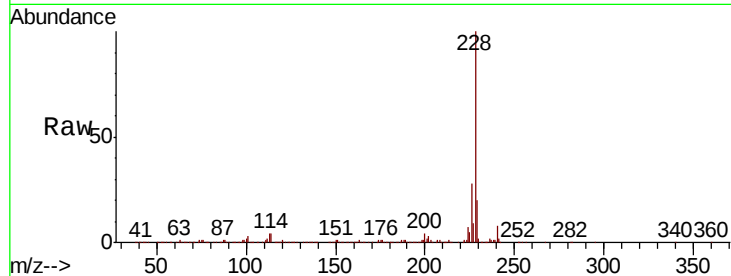
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	556312
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	20.0	16.1	24.1

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM



#82

3,3'-Dichlorobenzidine

Concen: 39.675 ng

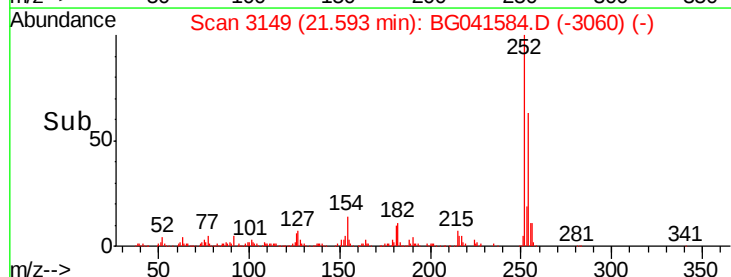
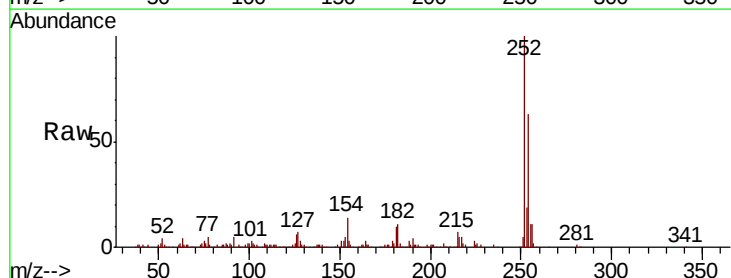
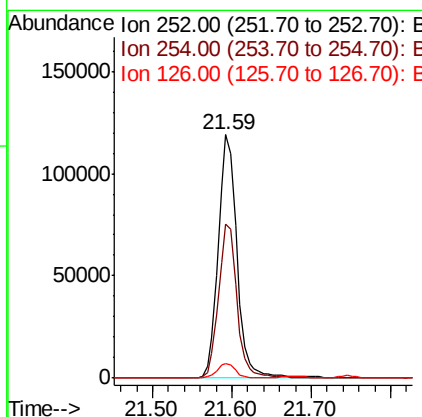
RT: 21.59 min Scan# 3149

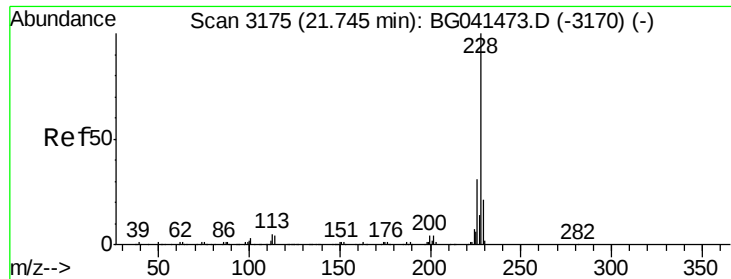
Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Tgt Ion:	252	Resp:	195813
Ion Ratio	Lower	Upper	
252	100		
254	63.3	50.4	75.6
126	6.1	4.9	7.3





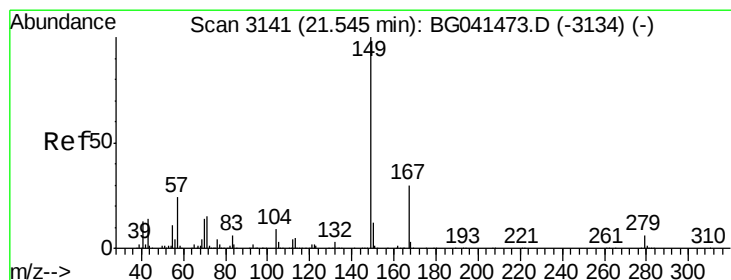
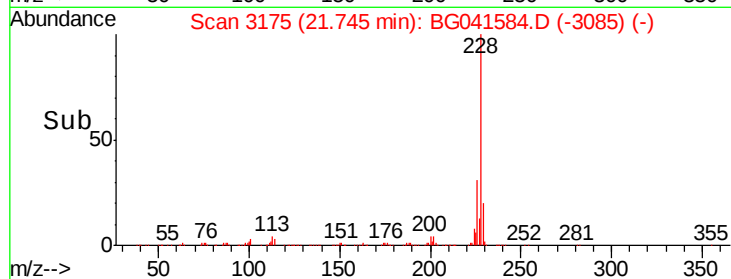
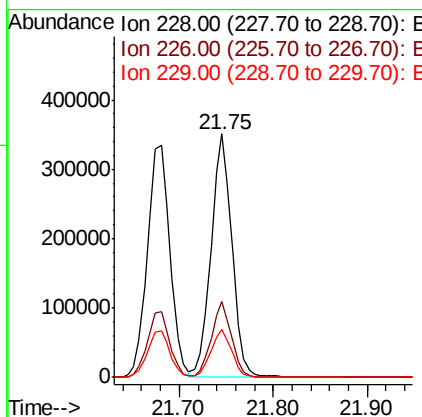
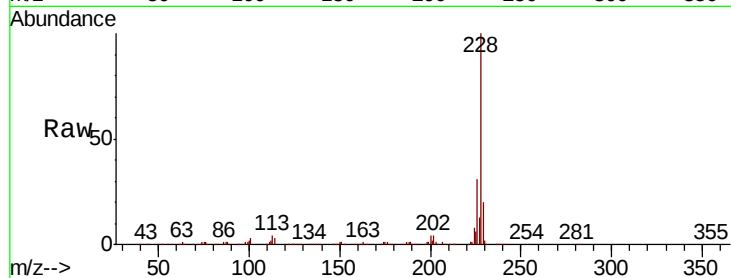
#83
 Chrvsene
 Concen: 39.654 ng
 RT: 21.75 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	228	Resp:	547058
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.4
229	19.8	16.8	25.2

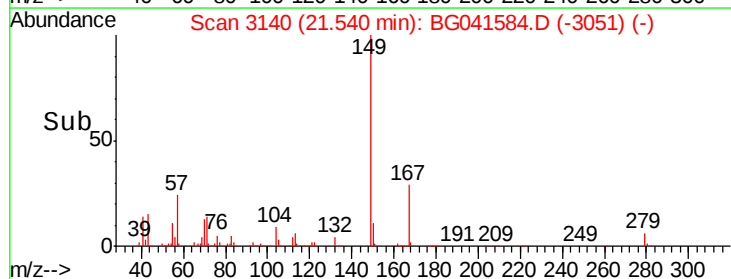
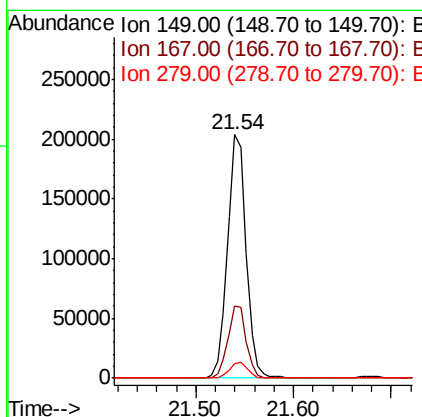
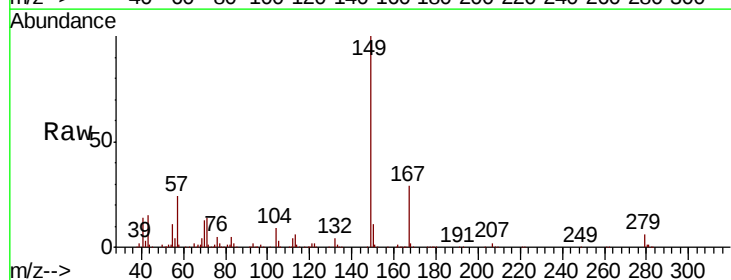
Manual Integrations
 APPROVED

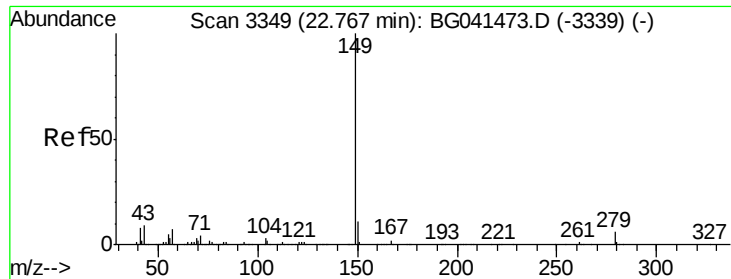
mohammad
 7/5/2019 8:42:46 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.304 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Tgt Ion:	149	Resp:	269006
Ion Ratio	Lower	Upper	
149	100		
167	29.5	23.6	35.4
279	6.1	5.0	7.6





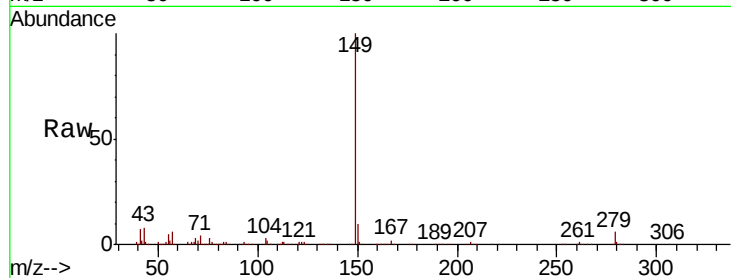
#85
Di-n-octyl phthalate
Concen: 36.911 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

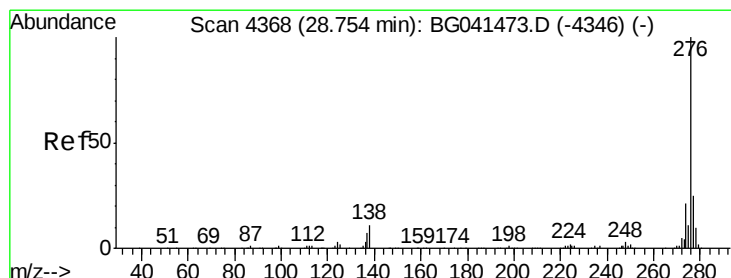
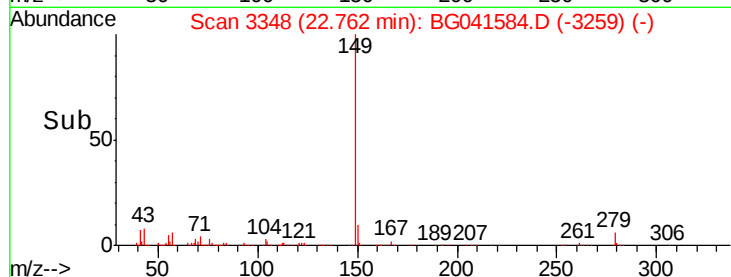
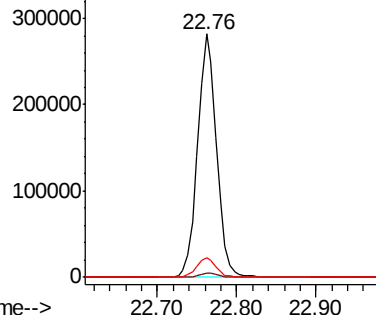
Tot Ion	Ratio	Resp	Lower	Upper
149	100	462839		
167	1.8		1.4	2.2
43	8.4		7.2	10.8

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM



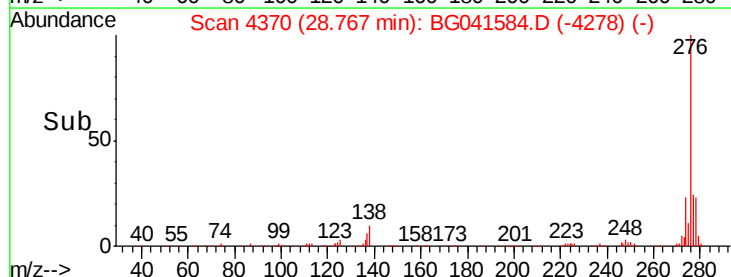
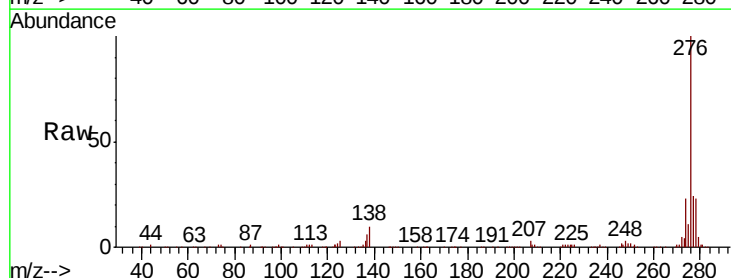
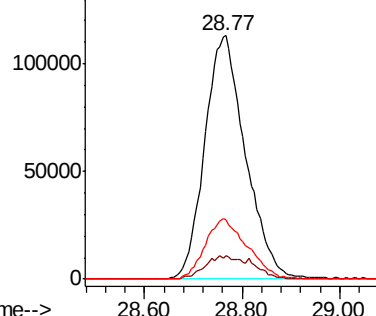
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

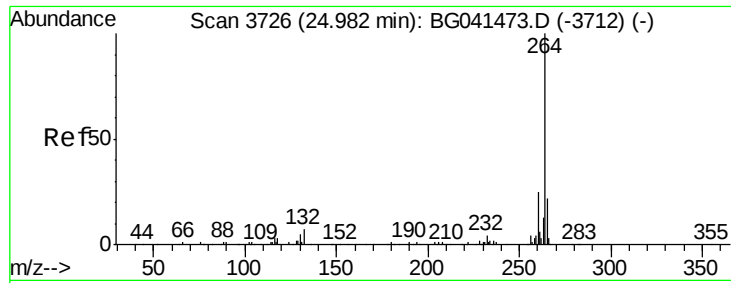


#86
Indeno(1,2,3-cd)pyrene
Concen: 39.158 ng
RT: 28.77 min Scan# 4370
Delta R.T. 0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	654153		
138	8.5		4.9	7.3#
277	25.6		20.4	30.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





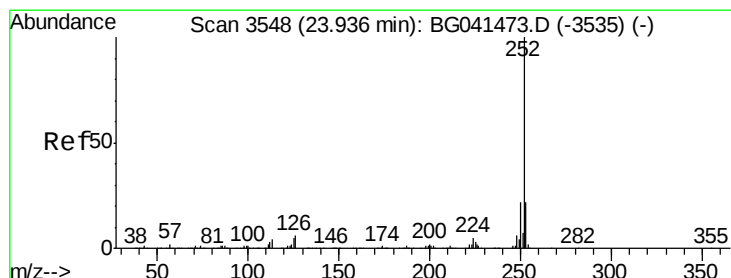
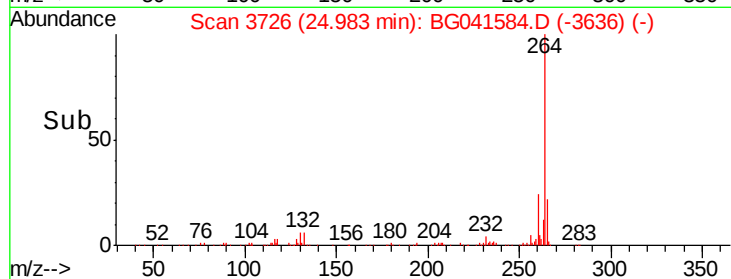
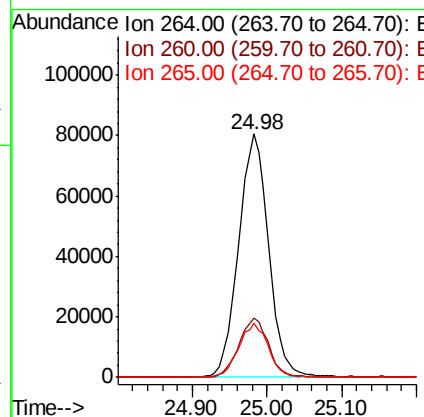
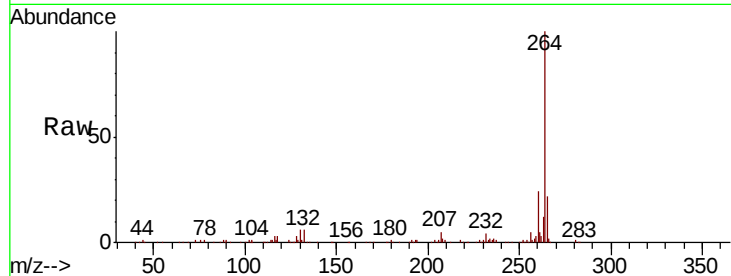
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	22.0	17.4	26.2

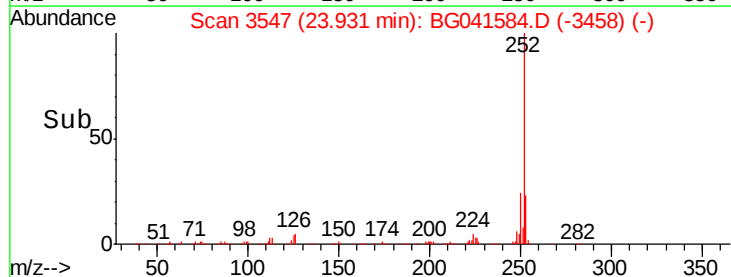
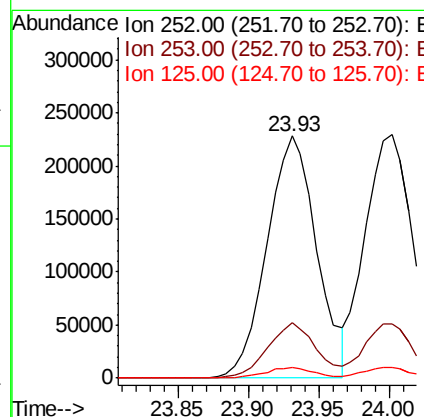
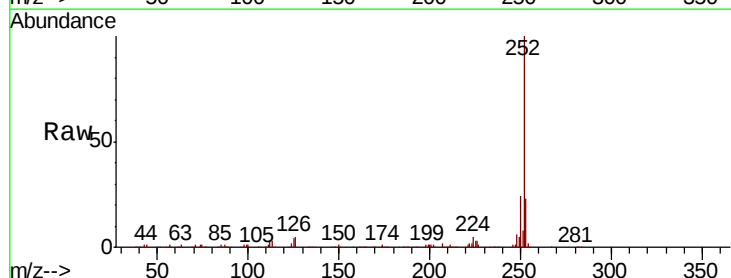
Manual Integrations
APPROVED

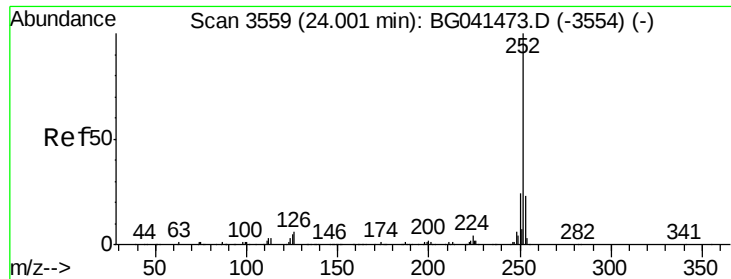
mohammad
7/5/2019 8:42:46 AM



#88
Benzo(b)fluoranthene
Concen: 39.142 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	4.5	3.8	5.8





#89

Benzo(k)fluoranthene

Concen: 38.714 ng

RT: 24.00 min Scan# 3559

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

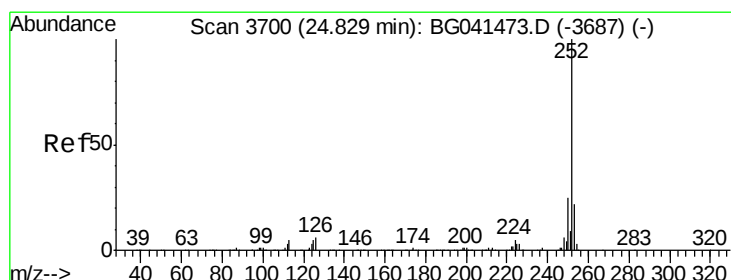
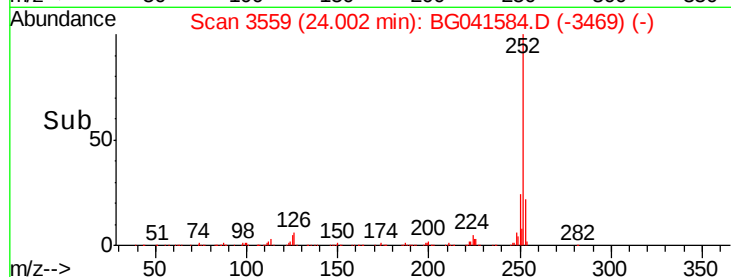
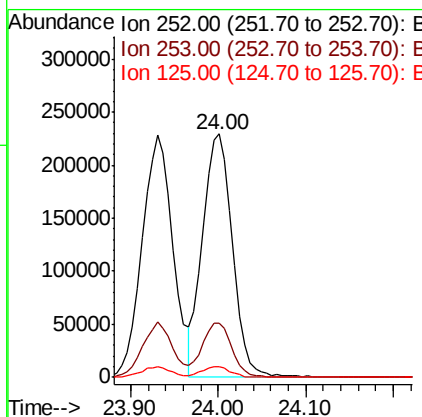
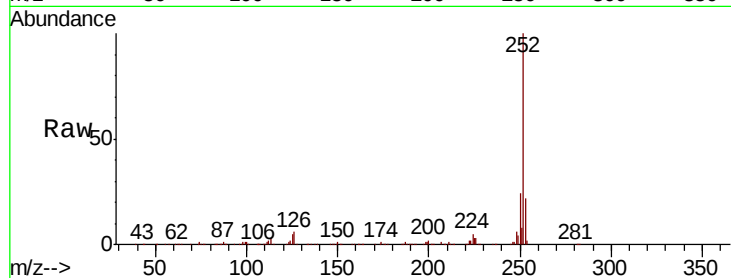
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	544840
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.3	27.5
125	4.6	4.0	6.0

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM



#90

Benzo(a)pyrene

Concen: 38.583 ng

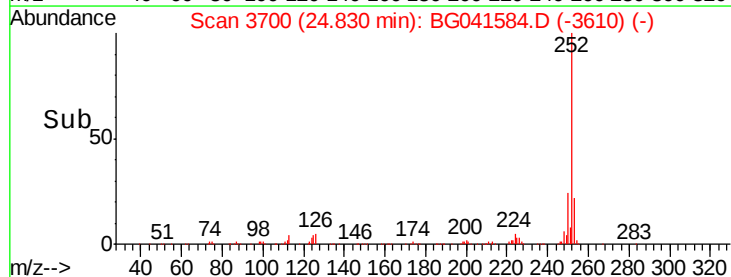
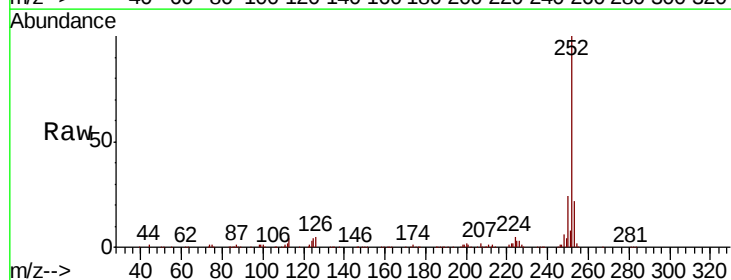
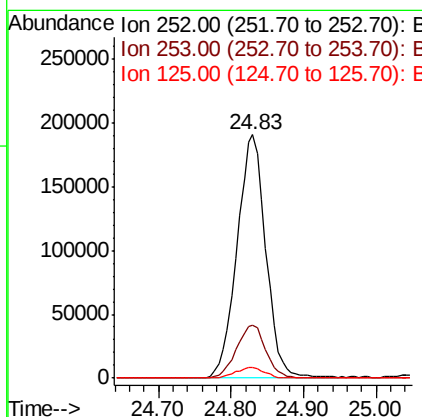
RT: 24.83 min Scan# 3700

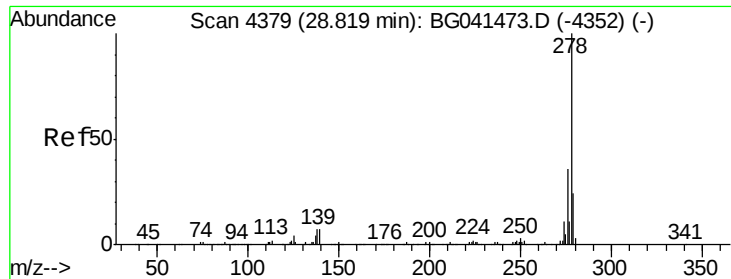
Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Tgt Ion:	252	Resp:	525279
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	4.4	4.4	6.6#





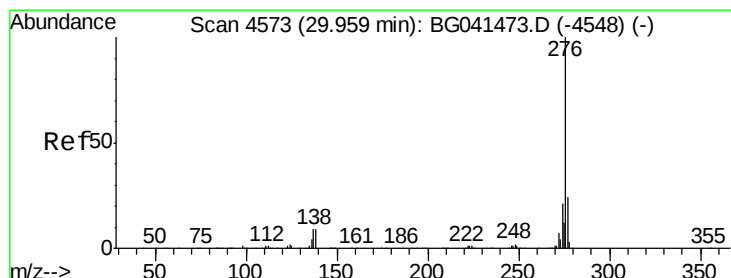
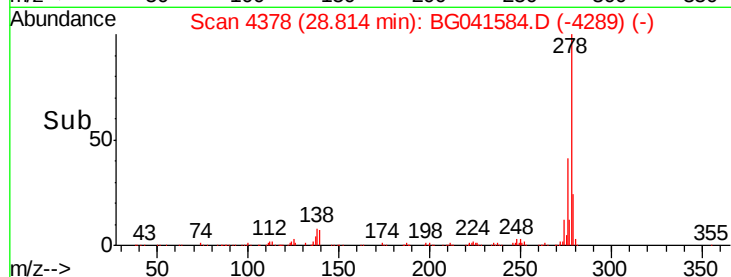
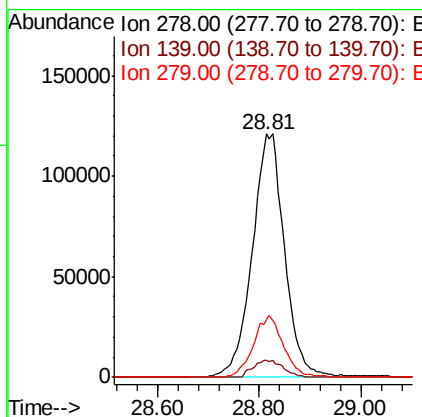
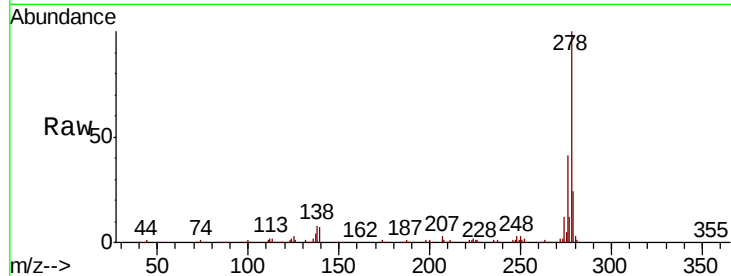
#91
Dibenzo(a,h)anthracene
Concen: 39.241 ng
RT: 28.81 min Scan# 4378
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.2	5.9	8.9
279	23.6	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:46 AM



#92
Benzo(g,h,i)perylene
Concen: 38.887 ng
RT: 29.95 min Scan# 4571
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.4	29.2
138	9.2	7.6	11.4

