

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
 Data File : BG045610.D
 Acq On : 4 Jun 2020 18:19
 Operator : CG/JU
 Sample : L2871-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMSD

Manual Integrations
 APPROVED

mohammad
 6/5/2020 10:30:07 AM

Quant Time: Jun 04 19:12:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	66063	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	257097	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	174040	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	395564	20.00	ng	0.00
76) Chrysene-d12	21.60	240	371979	20.00	ng	0.00
87) Perylene-d12	24.75	264	403075	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	422240	124.91	ng	0.00
7) Phenol-d6	7.15	99	595314	123.73	ng	0.00
23) Nitrobenzene-d5	9.12	82	382221	81.07	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	271285	121.88	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	846369	82.49	ng	0.00
79) Terphenyl-d14	19.96	244	1387587	87.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	73474	43.831	ng	96
3) Pyridine	3.81	79	170176	36.451	ng	95
4) n-Nitrosodimethylamine	3.72	42	77954	51.027	ng	84
6) Aniline	7.28	93	227113	36.160	ng	97
8) 2-Chlorophenol	7.53	128	194315	52.418	ng	96
9) Benzaldehyde	7.08	77	120577	38.465	ng	95
10) Phenol	7.18	94	259480	52.328	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	181855	47.018	ng	95
12) 1,3-Dichlorobenzene	7.84	146	211466	47.469	ng	96
13) 1,4-Dichlorobenzene	7.99	146	211422	48.091	ng	93
14) 1,2-Dichlorobenzene	8.31	146	199293	47.133	ng	96
15) Benzyl Alcohol	8.20	79	200663	50.486	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	163953	44.656	ng	97
17) 2-Methylphenol	8.42	107	172432	46.458	ng	97
18) Hexachloroethane	9.03	117	81245	48.252	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	160230	48.159	ng	98
20) 3+4-Methylphenols	8.75	107	232792	46.059	ng	96
22) Acetophenone	8.77	105	288013	47.266	ng	97
24) Nitrobenzene	9.16	77	241737	47.857	ng	98
25) Isophorone	9.68	82	438711	47.250	ng	99
26) 2-Nitrophenol	9.87	139	109836	50.830	ng	94
27) 2,4-Dimethylphenol	9.95	122	176578	55.097	ng	100
28) bis(2-Chloroethoxy)methane	10.16	93	242681	49.839	ng	95
29) 2,4-Dichlorophenol	10.42	162	196183	51.838	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	217514	48.639	ng	98
31) Naphthalene	10.81	128	573496	47.869	ng	99
32) Benzoic acid	10.12	122	90663	42.932	ng	95
33) 4-Chloroaniline	10.92	127	147644	29.482	ng	97
34) Hexachlorobutadiene	11.10	225	150636	47.653	ng	97
35) Caprolactam	11.69	113	67497m	48.589	ng	
36) 4-Chloro-3-methylphenol	12.07	107	218310	51.191	ng	92
37) 2-Methylnaphthalene	12.42	142	433283	48.522	ng	95
38) 1-Methylnaphthalene	12.63	142	410388	48.652	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	248289	51.076	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
 Data File : BG045610.D
 Acq On : 4 Jun 2020 18:19
 Operator : CG/JU
 Sample : L2871-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMSD

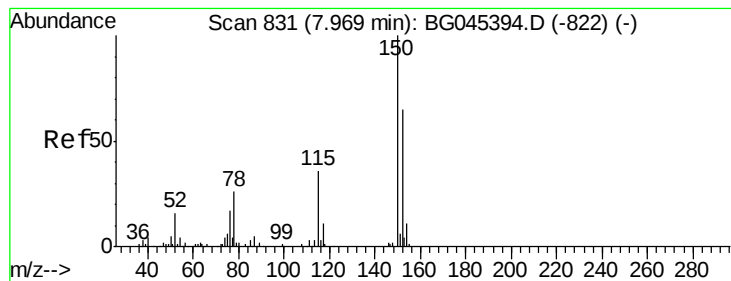
Manual Integrations
 APPROVED

mohammad
 6/5/2020 10:30:07 AM

Quant Time: Jun 04 19:12:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	292603	104.285	nq	100
43) 2,4,6-Trichlorophenol	13.03	196	171031	50.647	nq	97
44) 2,4,5-Trichlorophenol	13.12	196	182817	47.375	nq	97
46) 1,1'-Biphenyl	13.43	154	551687	51.589	nq	98
47) 2-Chloronaphthalene	13.47	162	415918	47.895	nq	99
48) 2-Nitroaniline	13.67	65	134336	47.028	nq	89
49) Acenaphthylene	14.32	152	689161	49.407	nq	99
50) Dimethylphthalate	14.06	163	705903	59.126	nq	98
51) 2,6-Dinitrotoluene	14.17	165	127116	47.184	nq	99
52) Acenaphthene	14.66	154	492379m	52.735	nq	
53) 3-Nitroaniline	14.50	138	84821	30.972	nq	98
54) 2,4-Dinitrophenol	14.71	184	128324	73.211	nq	99
55) Dibenzofuran	15.00	168	661069	47.678	nq	96
56) 4-Nitrophenol	14.85	139	191976	92.590	nq	91
57) 2,4-Dinitrotoluene	14.96	165	180948	46.377	nq	99
58) Fluorene	15.65	166	542172	47.596	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	168193	49.542	nq	99
60) Diethylphthalate	15.42	149	570616	45.919	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	302010	46.332	nq	99
62) 4-Nitroaniline	15.67	138	125107	43.759	nq	97
63) Azobenzene	15.93	77	546356	47.152	nq	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	112280	48.738	nq	95
66) n-Nitrosodiphenylamine	15.85	169	484657	51.030	nq	95
67) 4-Bromophenyl-phenylether	16.53	248	209458	48.901	nq	96
68) Hexachlorobenzene	16.66	284	228681	51.045	nq	97
69) Atrazine	16.81	200	184889	47.263	nq	98
70) Pentachlorophenol	17.00	266	236994	101.881	nq	97
71) Phenanthrene	17.39	178	860384	49.824	nq	99
72) Anthracene	17.48	178	883664	50.956	nq	98
73) Carbazole	17.75	167	809477	47.887	nq	99
74) Di-n-butylphthalate	18.31	149	972165	47.916	nq	100
75) Fluoranthene	19.40	202	1065511	48.510	nq	99
77) Benzidine	19.58	184	500010	47.861	nq	99
78) Pyrene	19.76	202	1059954	49.988	nq	99
80) Butylbenzylphthalate	20.65	149	432157	47.217	nq	97
81) Benzo(a)anthracene	21.59	228	1024449	49.438	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	274400	33.758	nq	99
83) Chrysene	21.65	228	961195	48.241	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	603318	47.954	nq	99
85) Di-n-octyl phthalate	22.69	149	1008741	46.682	nq	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1268337	48.679	nq	# 98
88) Benzo(b)fluoranthene	23.76	252	1065130	49.272	nq	99
89) Benzo(k)fluoranthene	23.82	252	1042237	51.318	nq	98
90) Benzo(a)pyrene	24.61	252	985337	48.942	nq	99
91) Dibenzo(a,h)anthracene	28.38	278	1040225	51.416	nq	100
92) Benzo(g,h,i)perylene	29.45	276	1062291	52.500	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

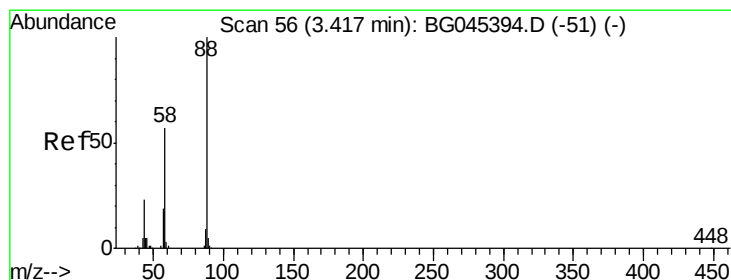
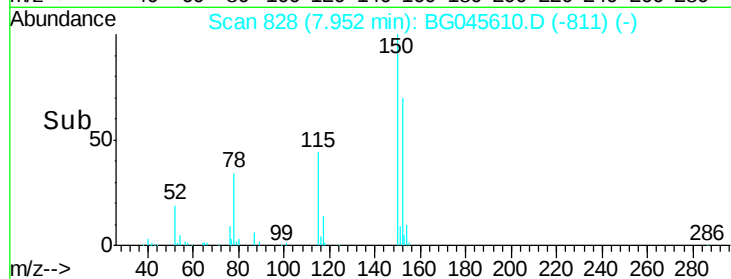
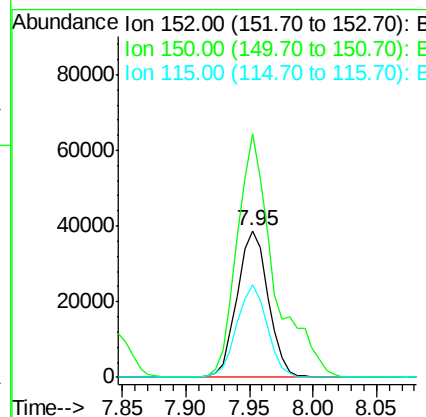
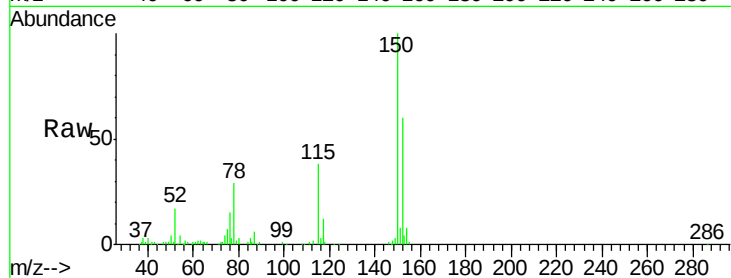
ClientSampleId :

WARREN-TPMSD

Tot Ion:	152	Resp:	66063
Ion	Ratio	Lower	Upper
152	100		
150	166.4	122.4	183.6
115	62.9	44.2	66.4

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#2

1,4-Dioxane

Concen: 43.831 ng

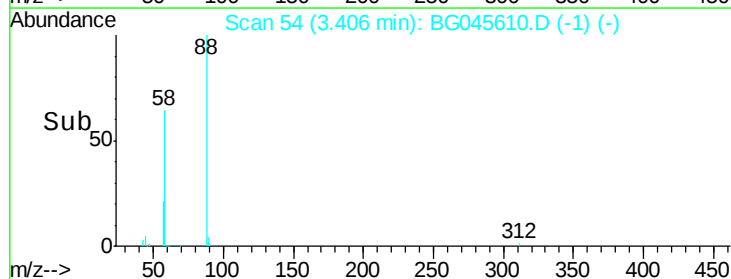
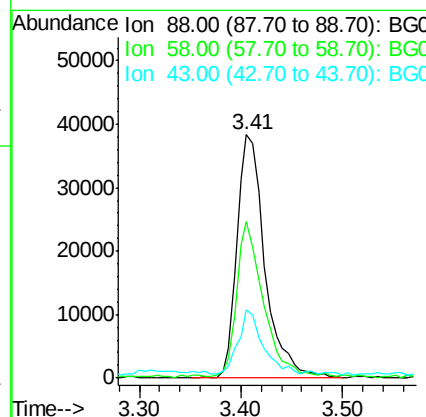
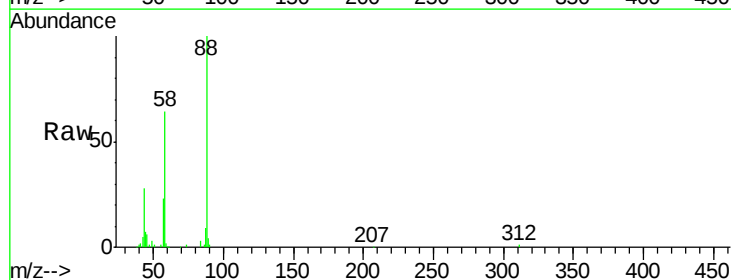
RT: 3.41 min Scan# 54

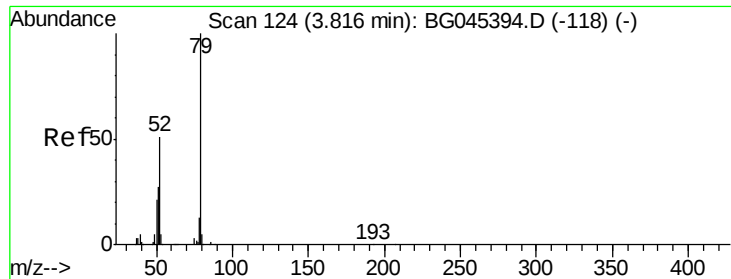
Delta R.T. 0.01 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Tgt Ion:	88	Resp:	73474
Ion	Ratio	Lower	Upper
88	100		
58	59.5	45.7	68.5
43	24.4	16.8	25.2





#3

Pvridine

Concen: 36.451 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

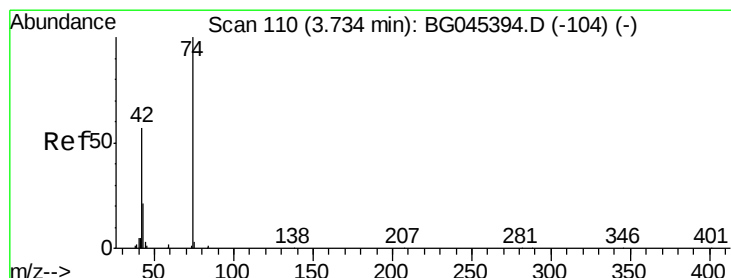
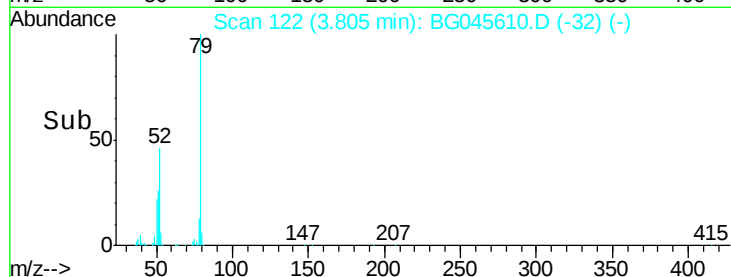
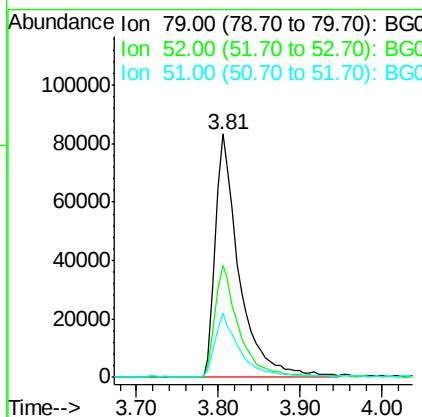
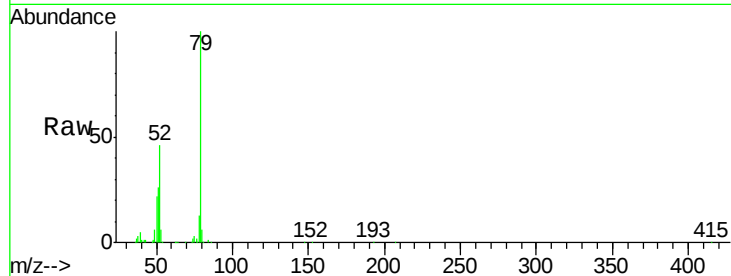
ClientSampleId :

WARREN-TPMSD

Tot Ion	79	Resp	170176
Ion	Ratio	Lower	Upper
79	100		
52	46.0	40.8	61.2
51	26.3	21.9	32.9

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#4

n-Nitrosodimethylamine

Concen: 51.027 ng

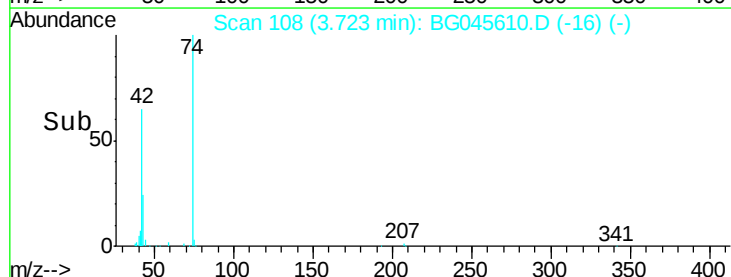
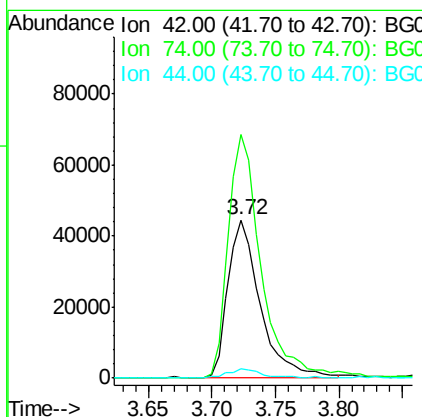
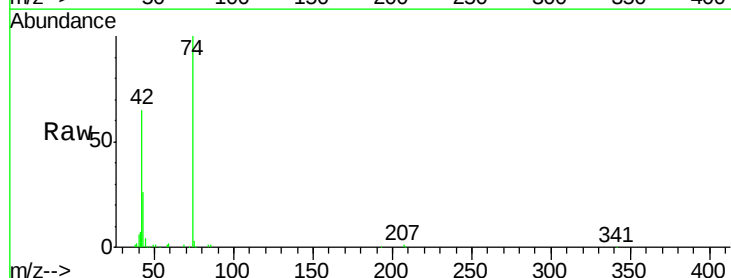
RT: 3.72 min Scan# 108

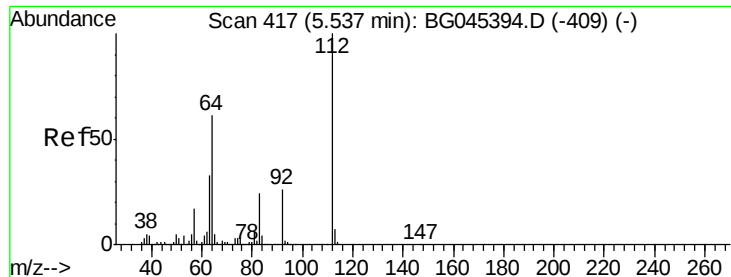
Delta R.T. 0.01 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Tgt Ion	42	Resp	77954
Ion	Ratio	Lower	Upper
42	100		
74	154.2	141.3	211.9
44	5.8	4.2	6.4





#5

2-Fluorophenol

Concen: 124.908 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

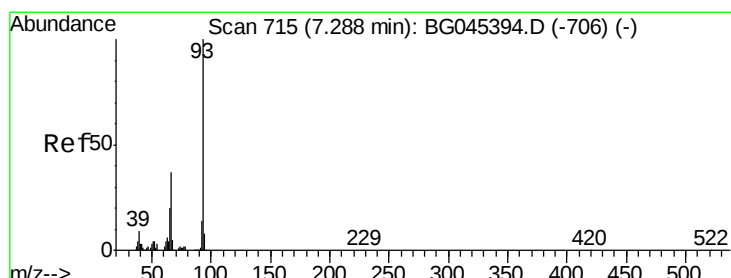
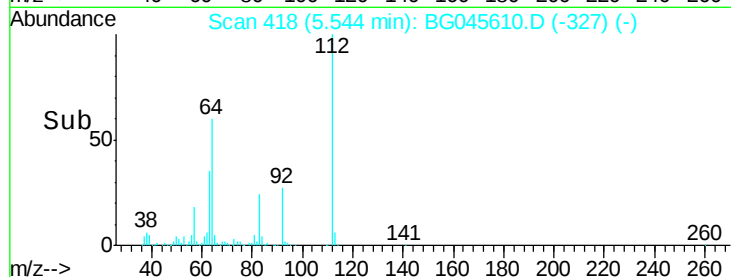
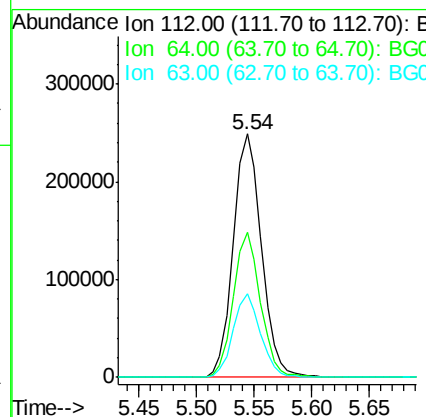
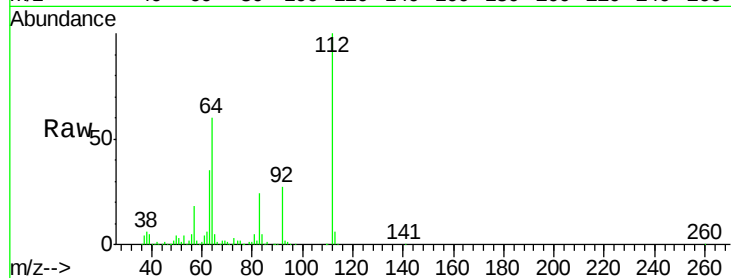
ClientSampleId :

WARREN-TPMSD

Tot Ion:	112	Resp:	422240
Ion Ratio	Lower	Upper	
112	100		
64	59.6	48.6	72.8
63	34.5	26.5	39.7

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#6

Aniline

Concen: 36.160 ng

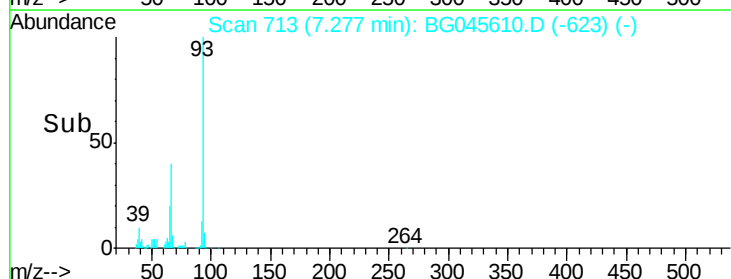
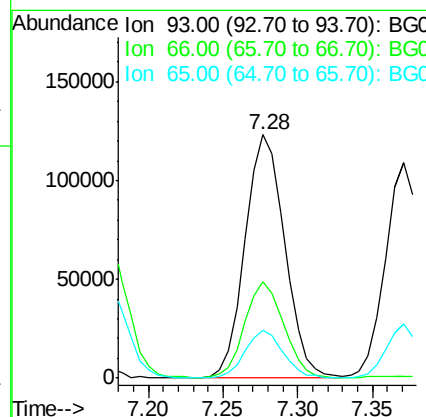
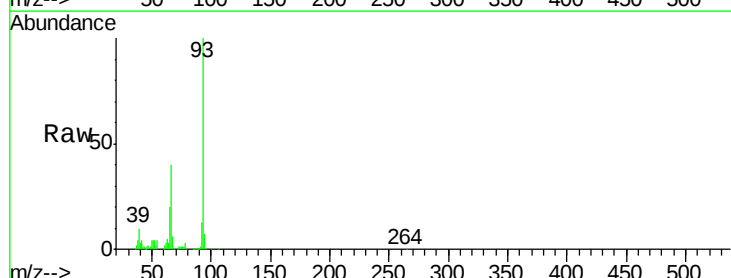
RT: 7.28 min Scan# 713

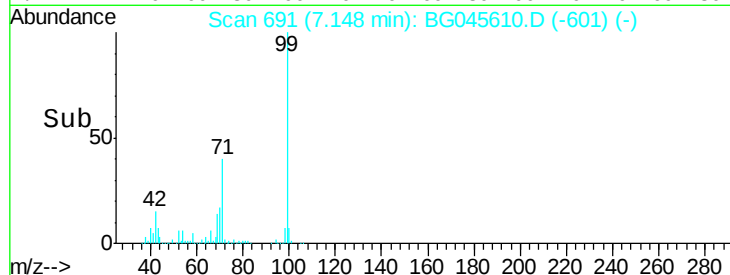
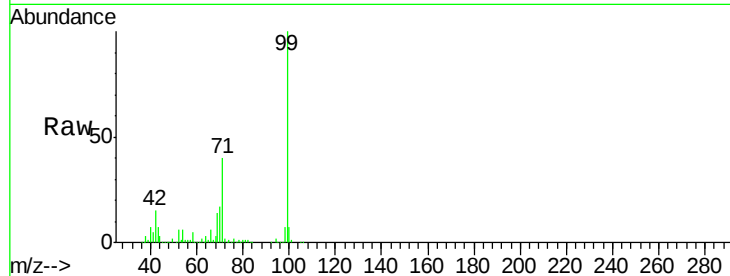
Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Tgt Ion:	93	Resp:	227113
Ion Ratio	Lower	Upper	
93	100		
66	39.7	29.6	44.4
65	19.6	15.9	23.9





#7

Phenol-d6

Concen: 123.732 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		595314		
42	15.0	11.3	16.9		
71	40.1	30.8	46.2		

Instrument :

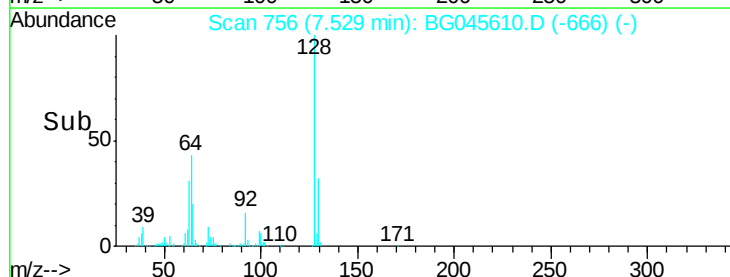
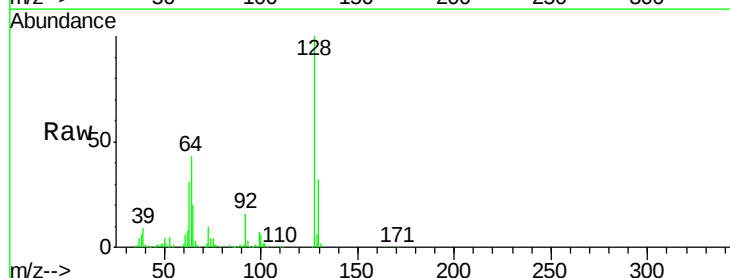
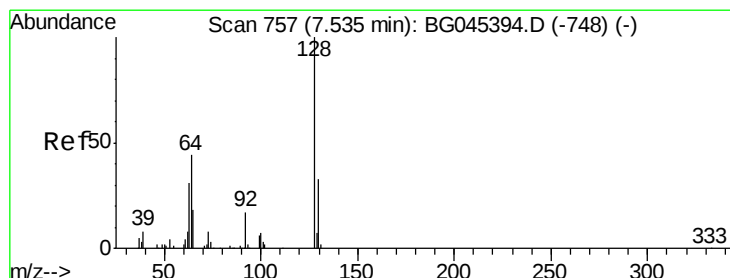
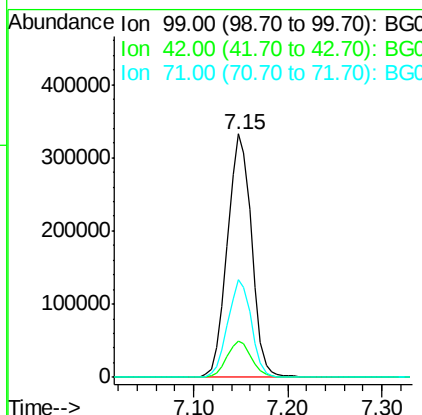
BNA_G

ClientSampleId :

WARREN-TPMSD

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#8

2-Chlorophenol

Concen: 52.418 ng

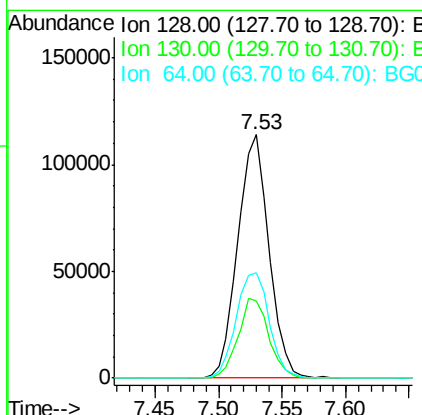
RT: 7.53 min Scan# 756

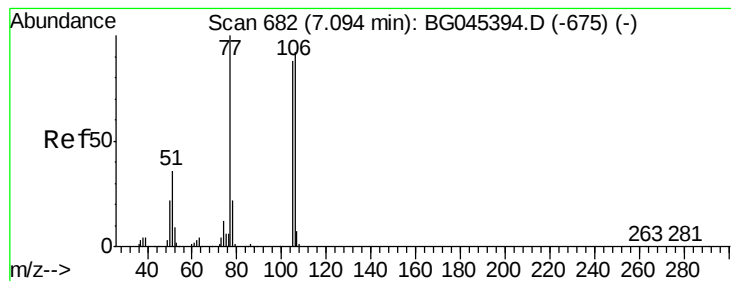
Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		194315		
130	31.8	12.6	52.6		
64	43.4	27.0	67.0		





#9

Benzaldehyde

Concen: 38.465 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

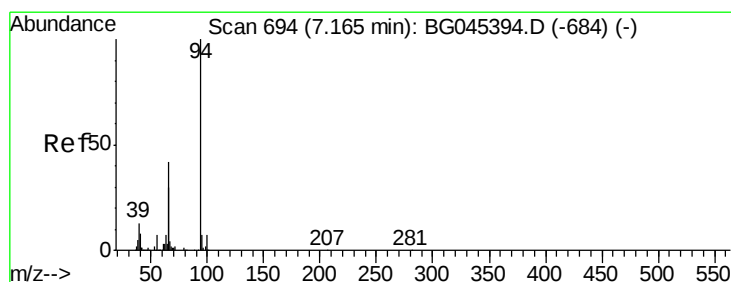
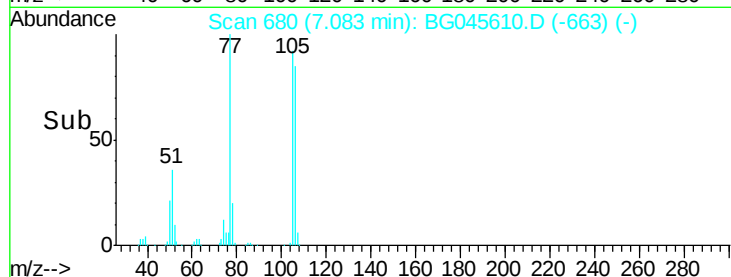
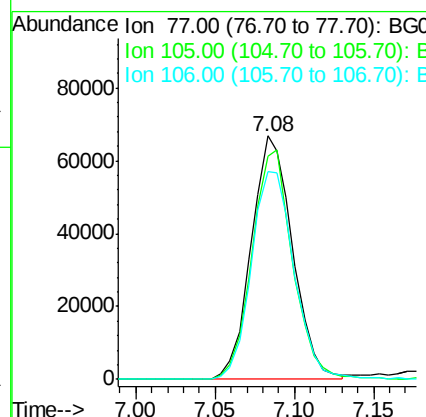
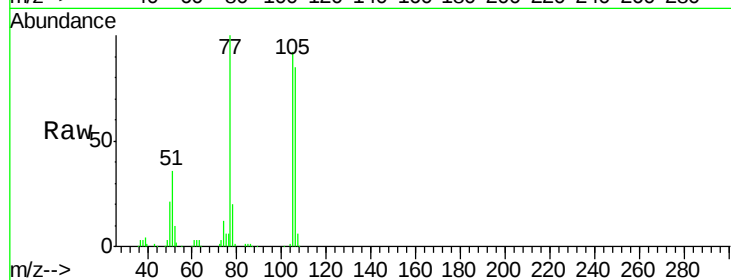
ClientSampleId :

WARREN-TPMSD

Tot Ion:	77	Resp:	120577
Ion Ratio	Lower	Upper	
77	100		
105	91.6	68.5	108.5
106	85.4	71.6	111.6

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#10

Phenol

Concen: 52.328 ng

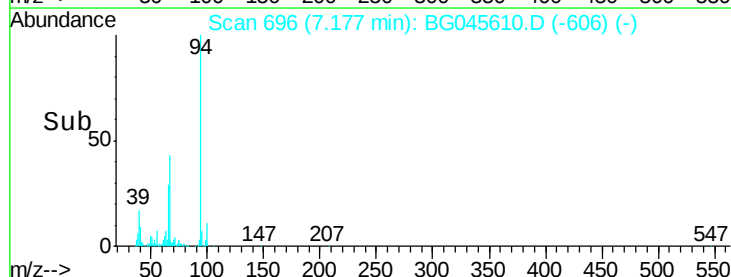
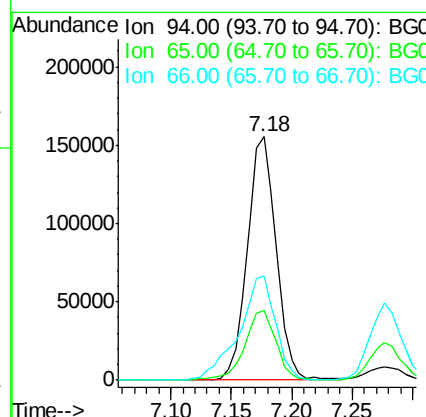
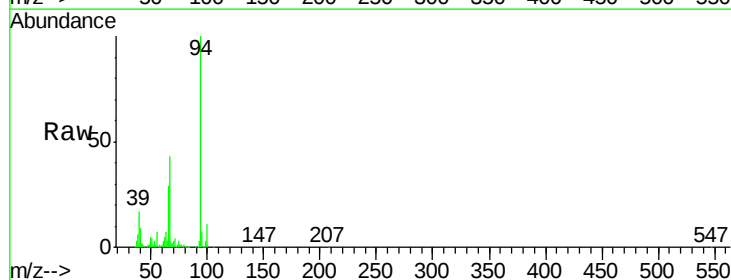
RT: 7.18 min Scan# 696

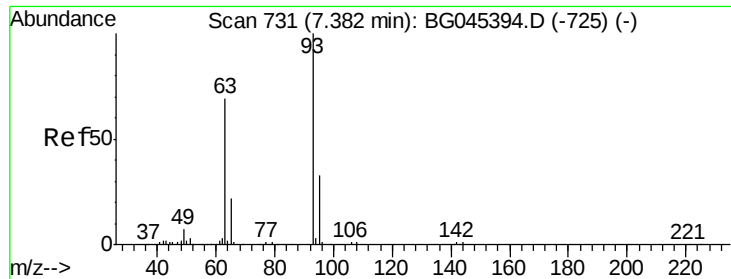
Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Tgt Ion:	94	Resp:	259480
Ion Ratio	Lower	Upper	
94	100		
65	28.7	9.8	49.8
66	43.0	22.0	62.0





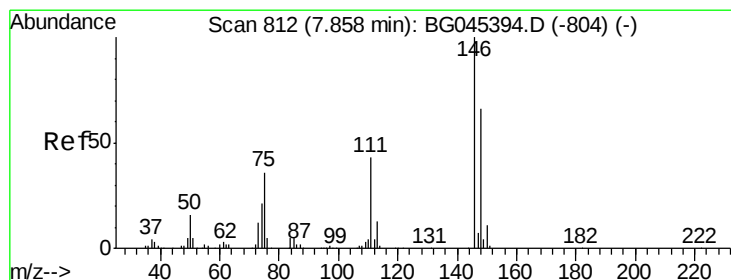
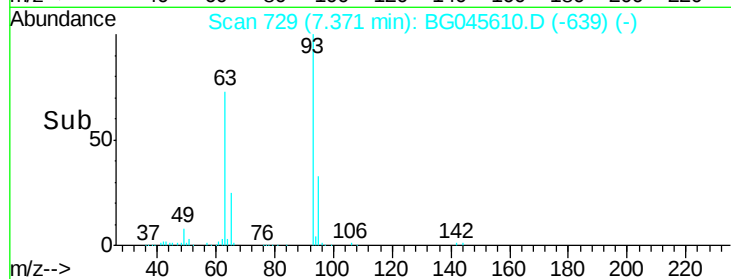
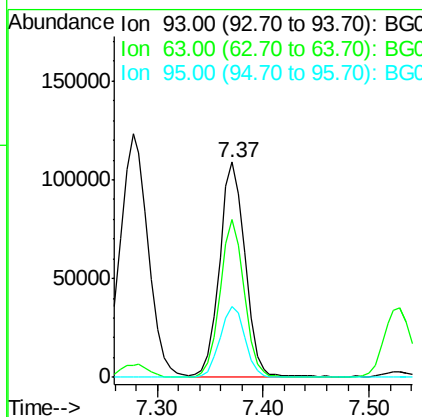
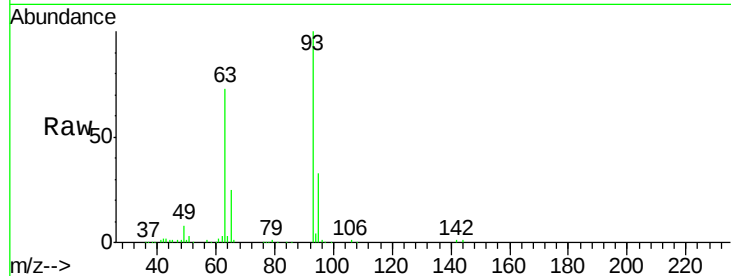
#11
bis(2-Chloroethyl)ether
Concen: 47.018 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	181855		
63	73.3		48.4	88.4
95	33.1		12.4	52.4

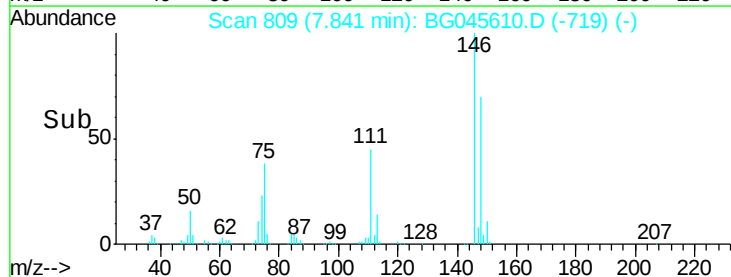
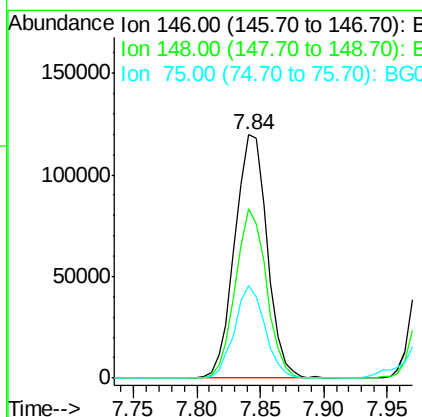
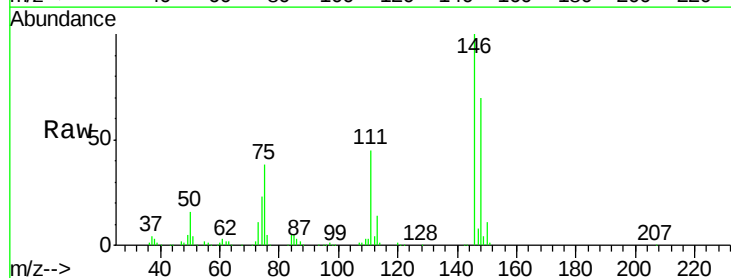
Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#12
1,3-Dichlorobenzene
Concen: 47.469 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	211466		
148	69.7		53.2	79.8
75	38.2		28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 48.091 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

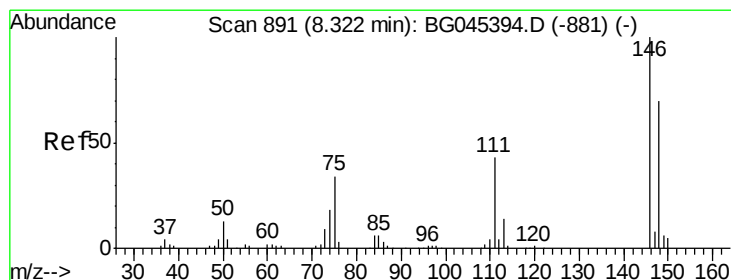
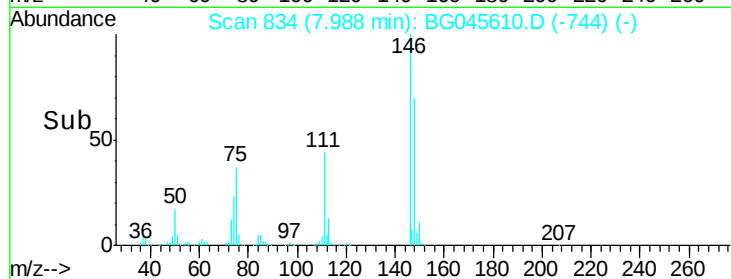
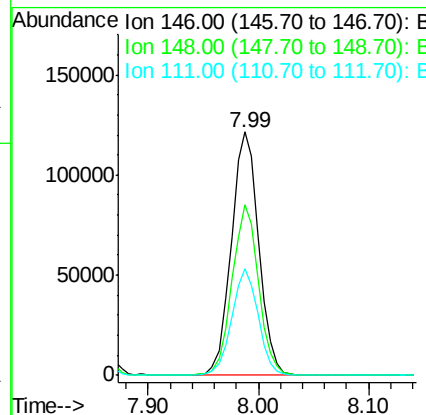
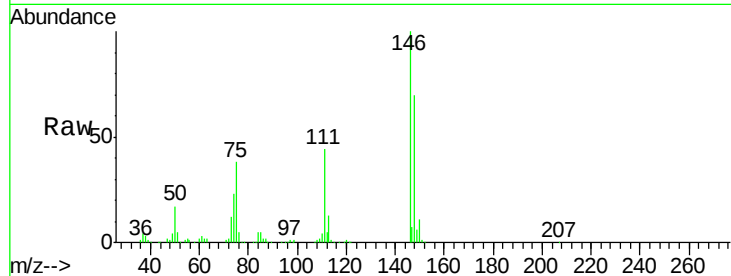
ClientSampleId :

WARREN-TPMSD

Tot Ion:	146	Resp:	211422
Ion Ratio	Lower	Upper	
146	100		
148	70.1	51.8	77.8
111	44.0	32.1	48.1

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#14

1,2-Dichlorobenzene

Concen: 47.133 ng

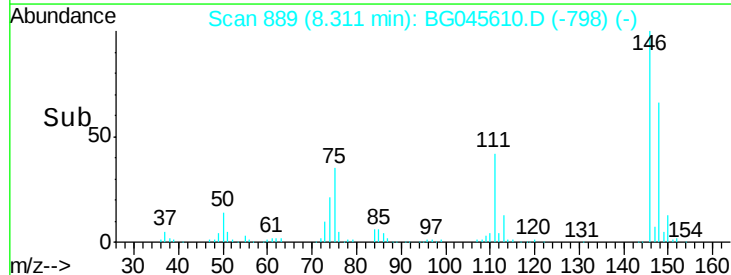
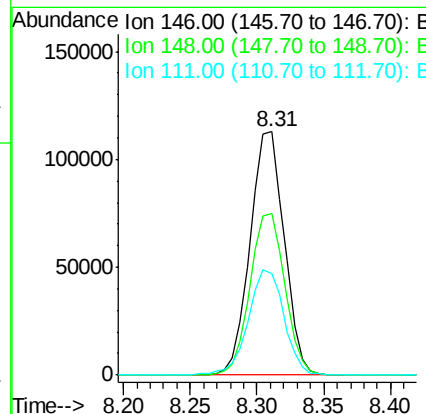
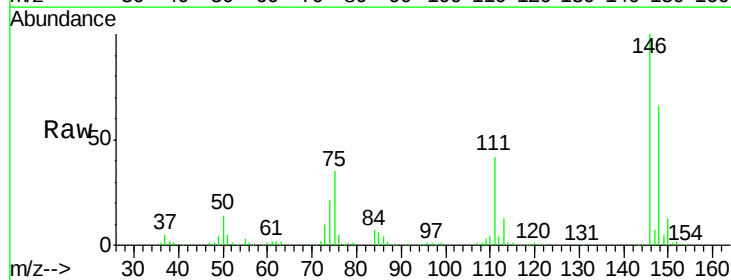
RT: 8.31 min Scan# 889

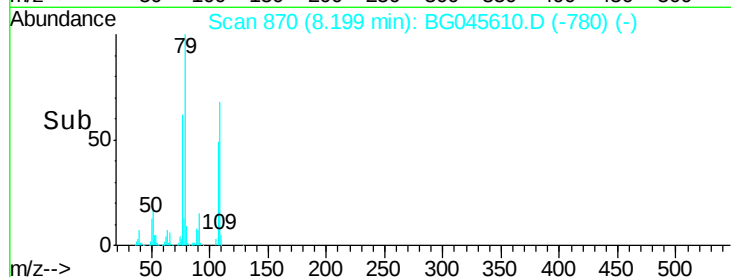
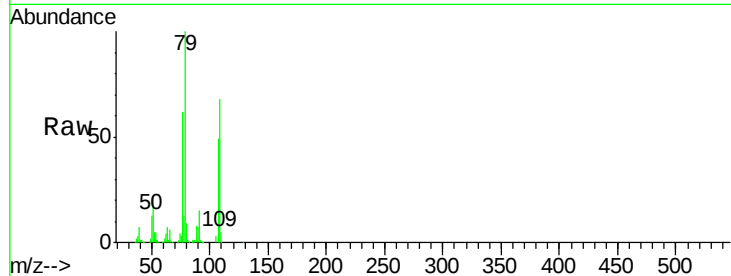
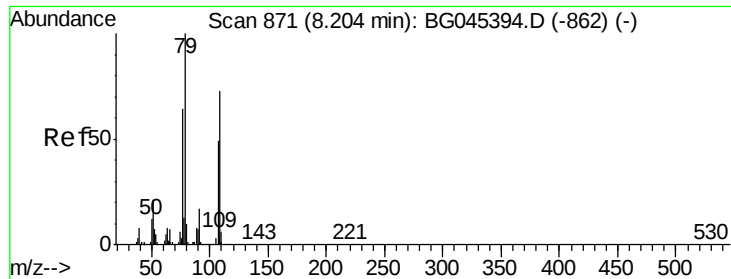
Delta R.T. 0.01 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Tgt Ion:	146	Resp:	199293
Ion Ratio	Lower	Upper	
146	100		
148	66.2	55.9	83.9
111	41.7	35.0	52.4





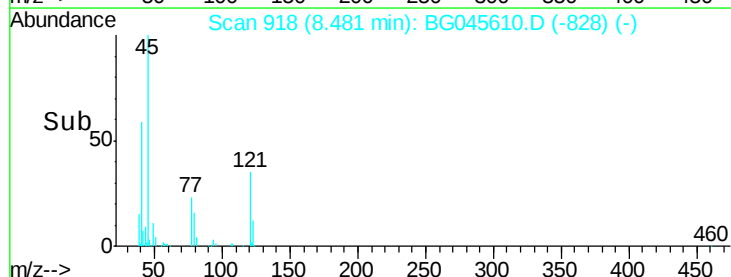
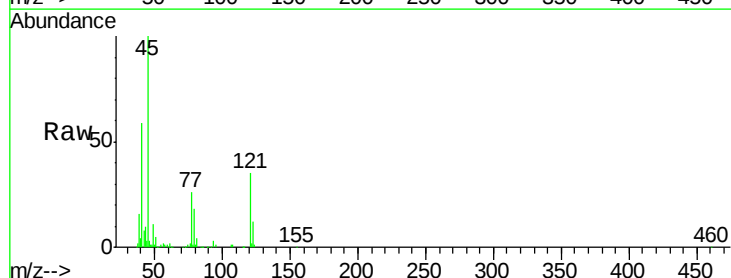
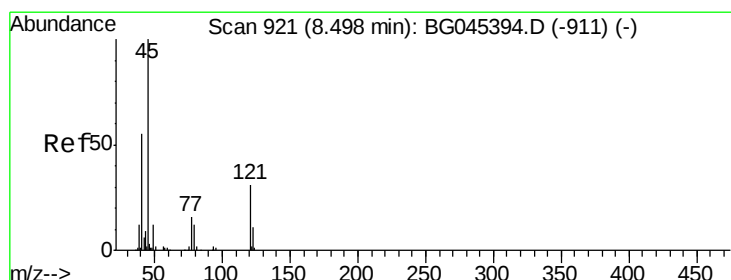
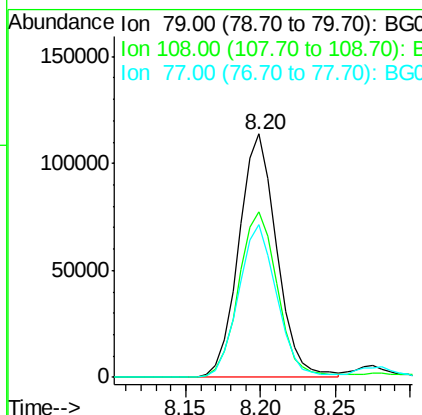
#15
Benzyl Alcohol
Concen: 50.486 ng
RT: 8.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.7	58.2	87.4
77	62.5	51.0	76.4

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

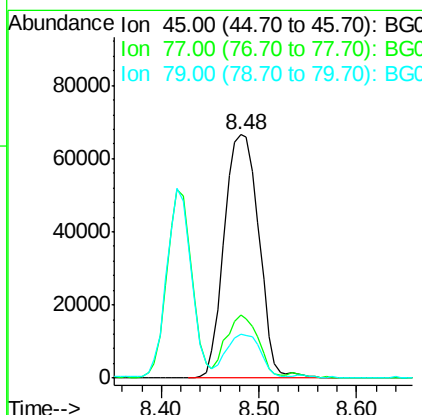
Manual Integrations
APPROVED

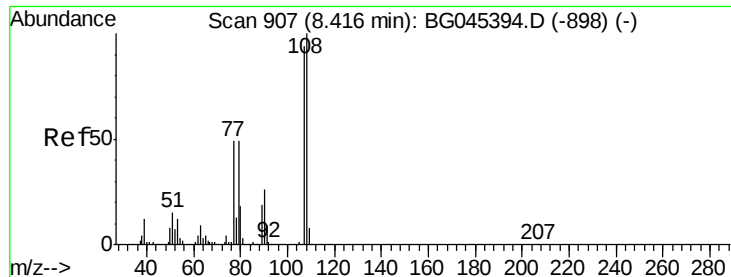
mohammad
6/5/2020 10:30:07 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.656 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.1	4.0	44.0
79	18.1	0.0	38.6





#17

2-Methylphenol

Concen: 46.458 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

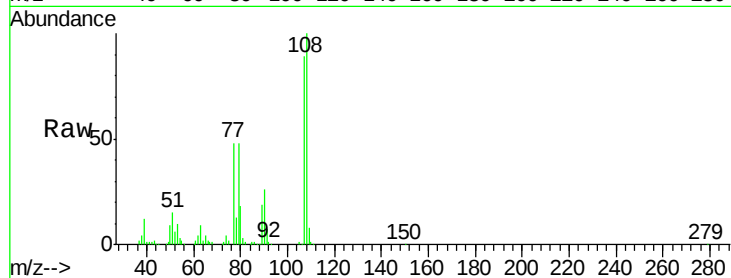
ClientSampleId :

WARREN-TPMSD

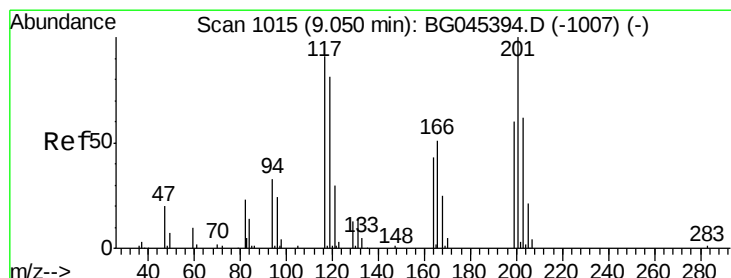
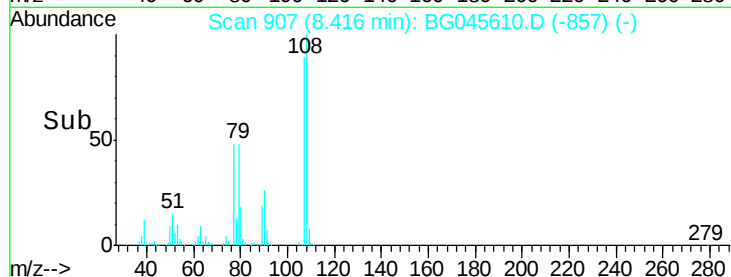
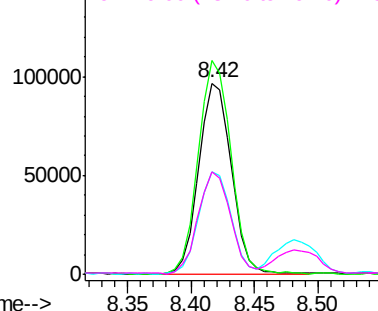
Tot Ion	107	Resp	172432
Ion Ratio	Lower	Upper	
107	100		
108	111.7	85.2	127.8
77	53.3	41.6	62.4
79	53.5	41.8	62.8

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 48.252 ng

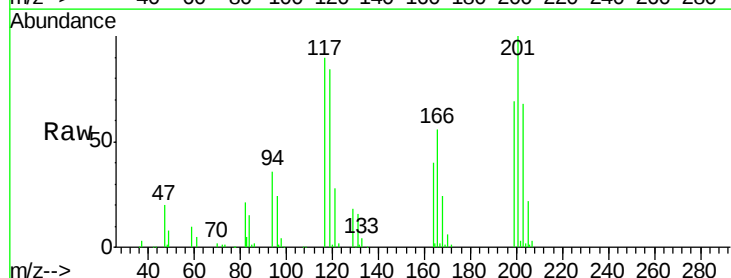
RT: 9.03 min Scan# 1012

Delta R.T. -0.00 min

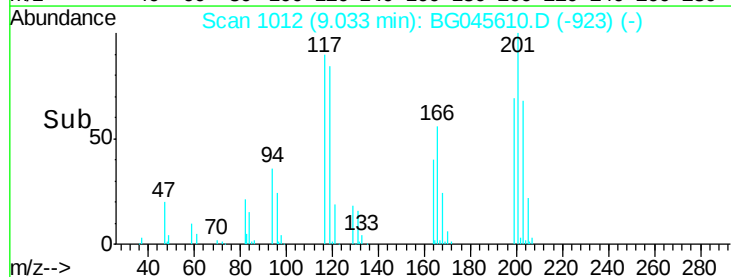
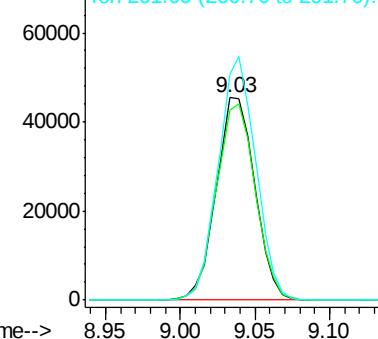
Lab File: BG045610.D

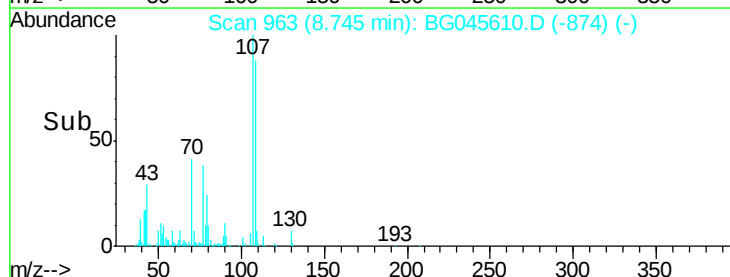
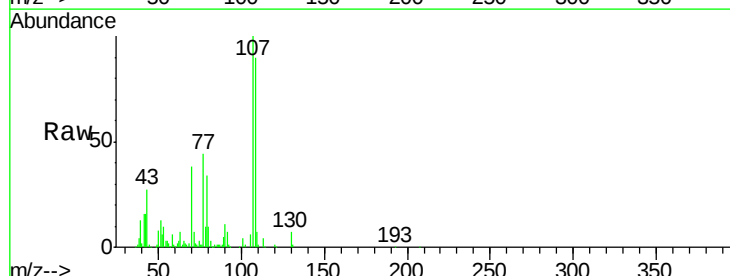
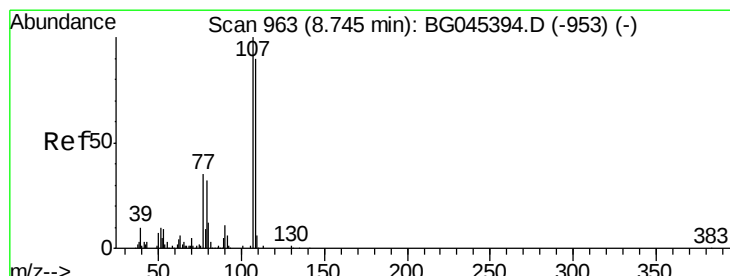
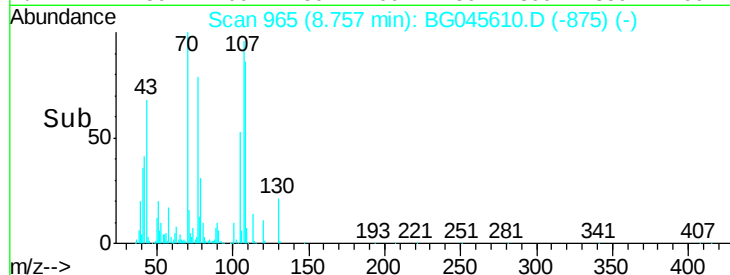
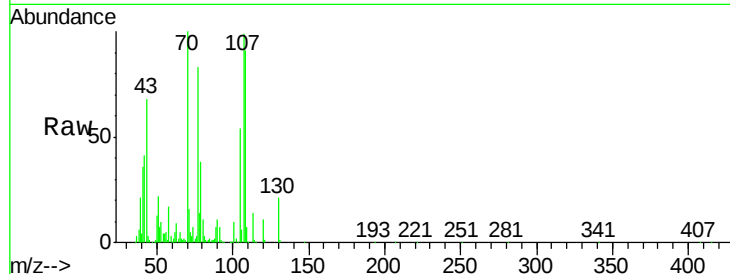
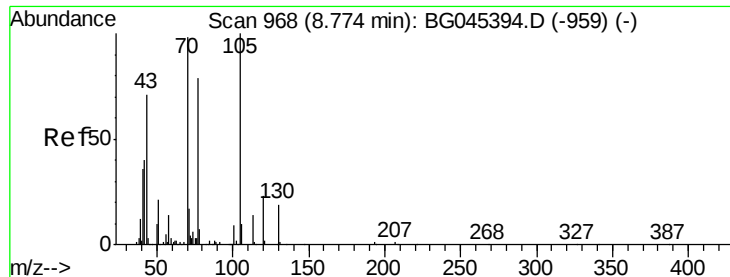
Acq: 4 Jun 2020 18:19

Tgt Ion	117	Resp	81245
Ion Ratio	Lower	Upper	
117	100		
119	93.4	71.3	106.9
201	111.3	87.5	131.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





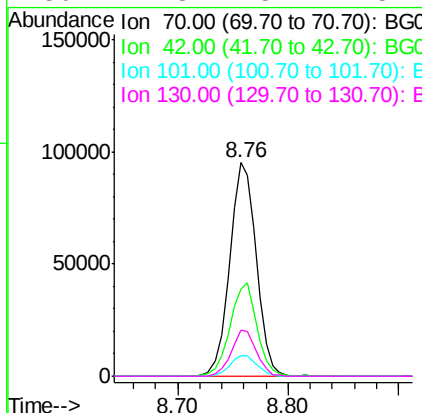
#19
n-Nitroso-di-n-propylamine
Concen: 48.159 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	40.9	33.2	49.8
101	9.5	7.8	11.6
130	21.3	15.4	23.2

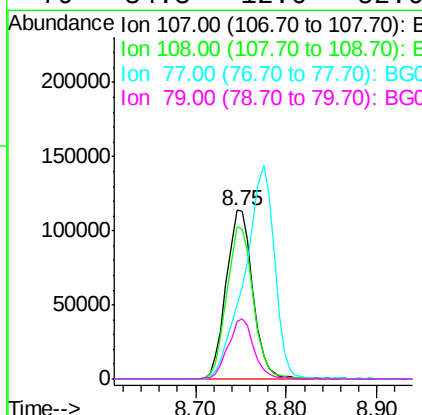
Manual Integrations
APPROVED

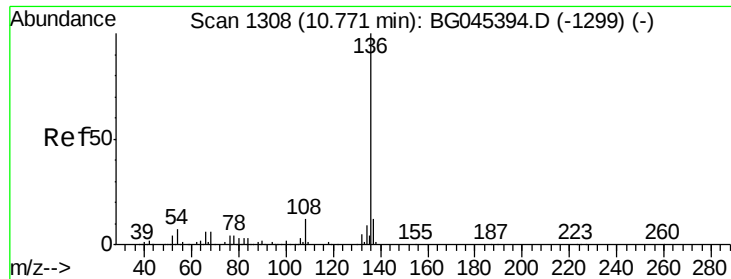
mohammad
6/5/2020 10:30:07 AM



#20
3+4-Methylphenols
Concen: 46.059 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.3	110.3
77	44.2	15.4	55.4
79	34.3	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

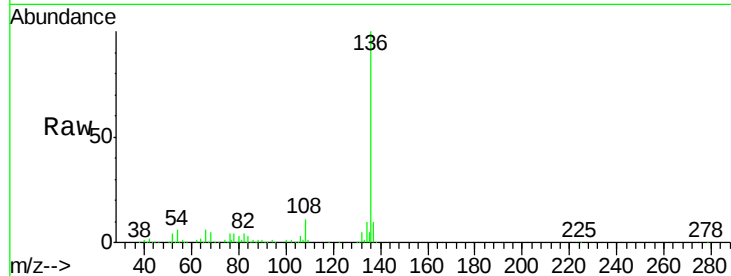
ClientSampleId :

WARREN-TPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	257097		
137	10.4		9.4	14.2
54	5.6		5.8	8.6#
68	5.3		4.5	6.7

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



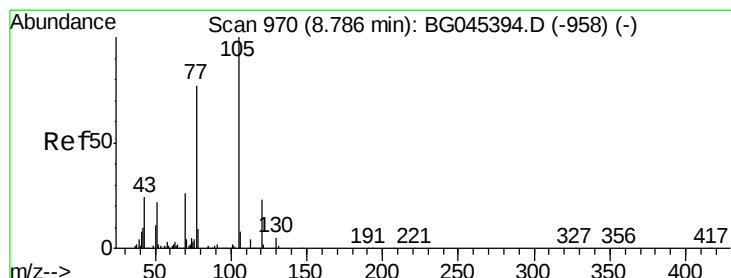
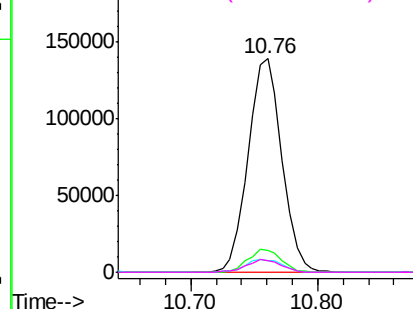
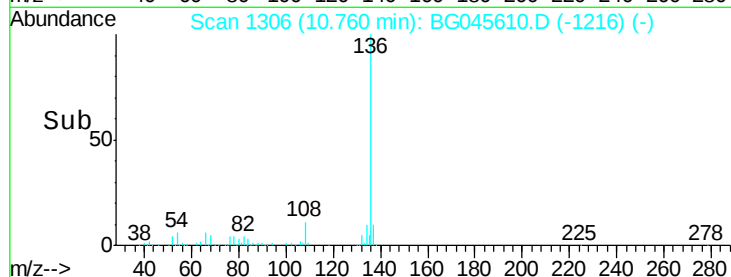
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.266 ng

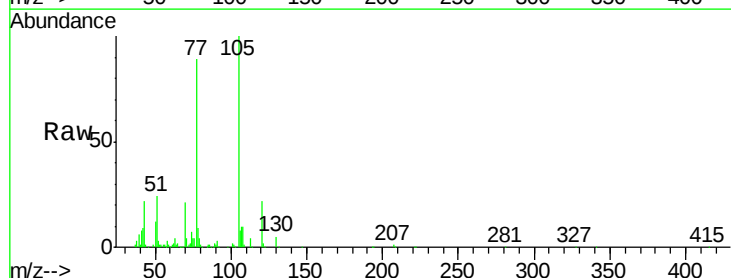
RT: 8.77 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	288013		
71	4.0		3.4	5.0
51	24.1		18.2	27.2
120	21.6		18.6	27.8



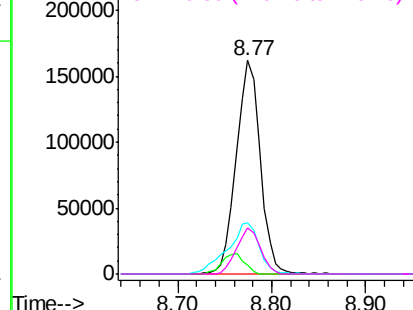
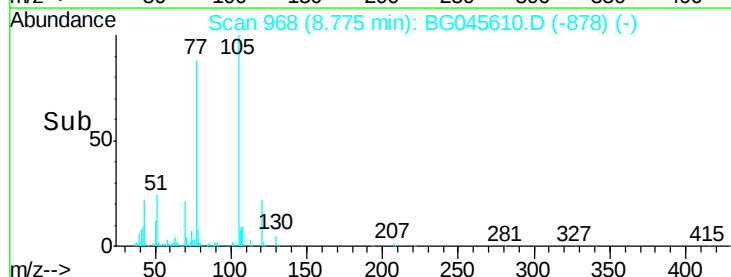
Abundance

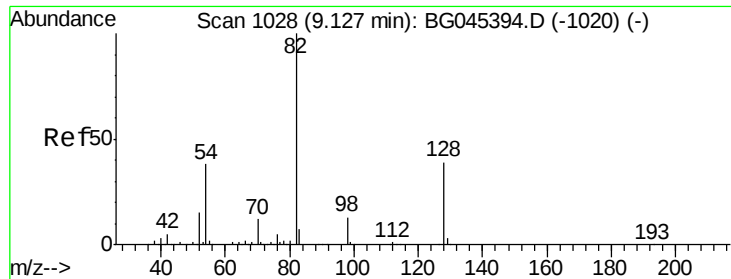
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





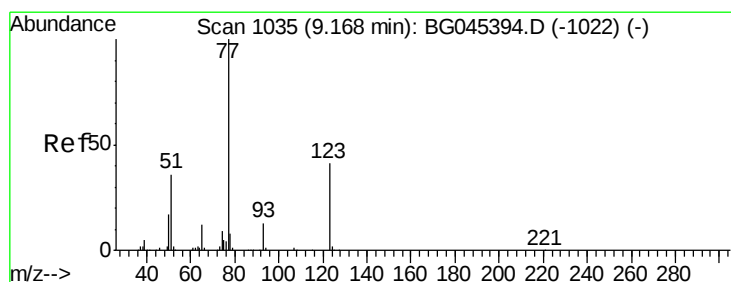
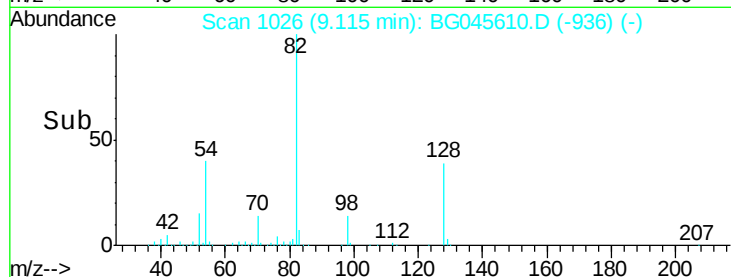
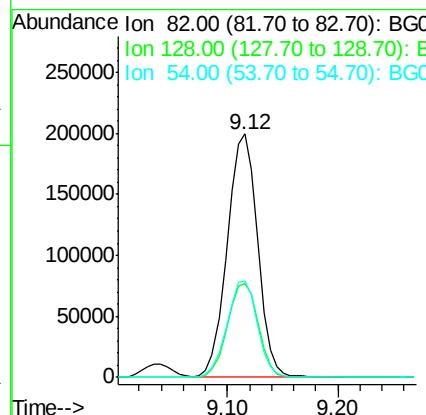
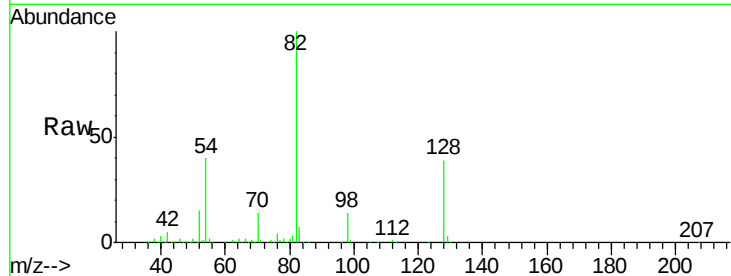
#23
 Nitrobenzene-d5
 Concen: 81.071 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045610.D
 Acq: 4 Jun 2020 18:19

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	382221		
128	38.8		30.9	46.3
54	39.5		30.3	45.5

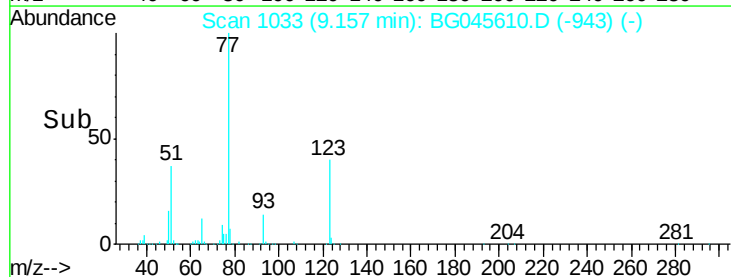
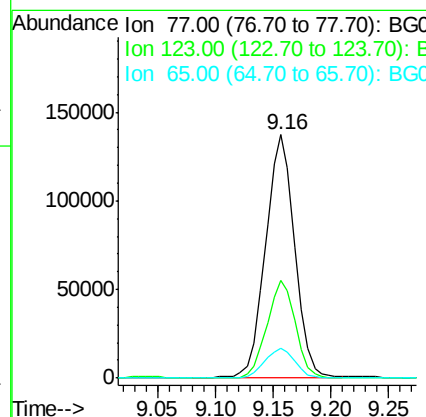
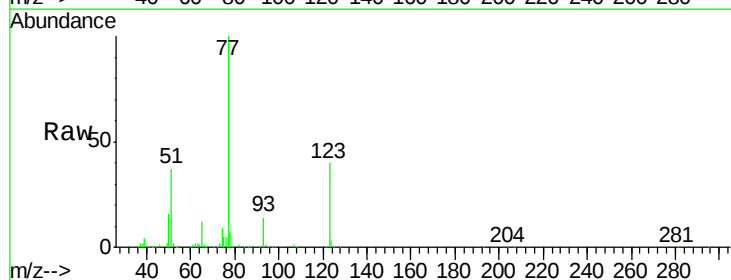
Manual Integrations
 APPROVED

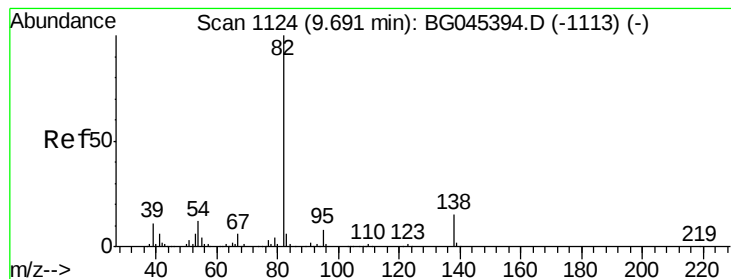
mohammad
 6/5/2020 10:30:07 AM



#24
 Nitrobenzene
 Concen: 47.857 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045610.D
 Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	241737		
123	40.0		32.9	49.3
65	12.5		9.4	14.2





#25

Isophorone

Concen: 47.250 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

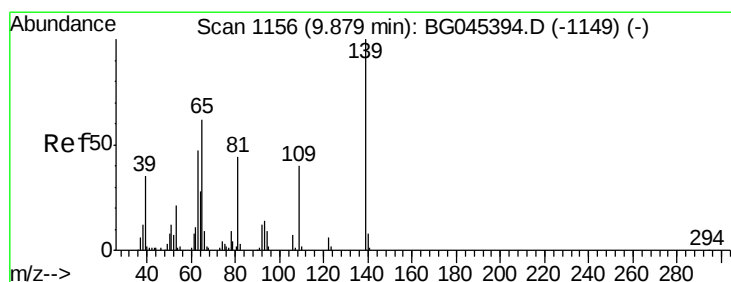
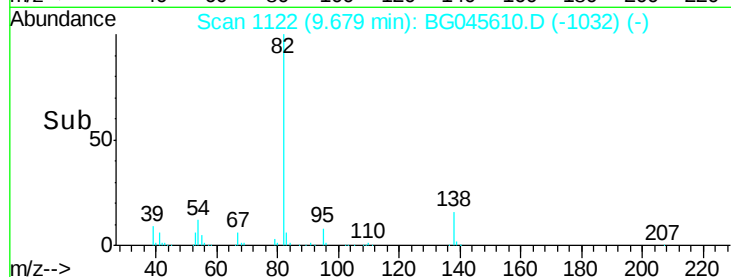
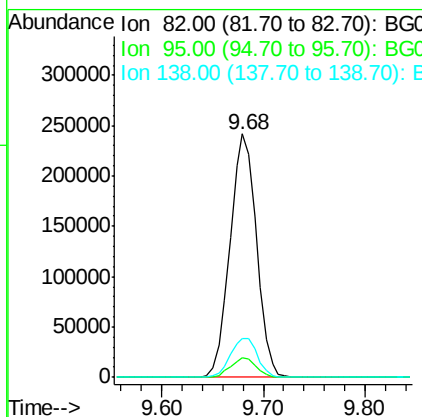
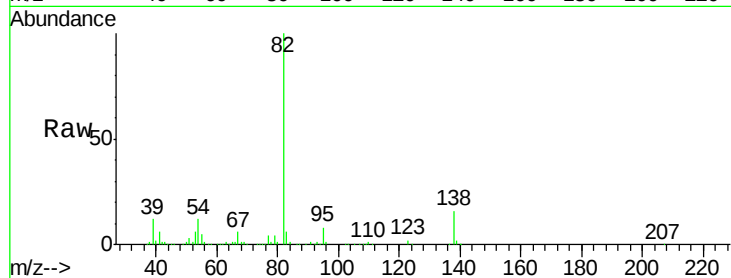
ClientSampleId :

WARREN-TPMSD

Tot Ion:	82	Resp:	438711
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.7	10.1
138	15.8	12.2	18.4

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#26

2-Nitrophenol

Concen: 50.830 ng

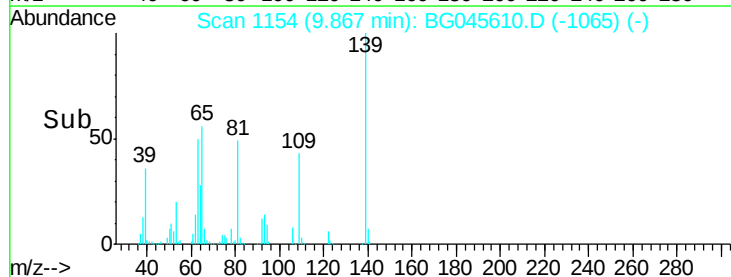
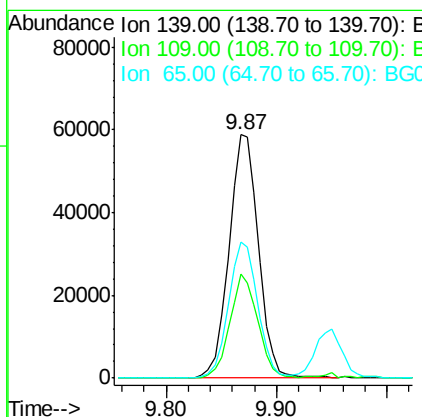
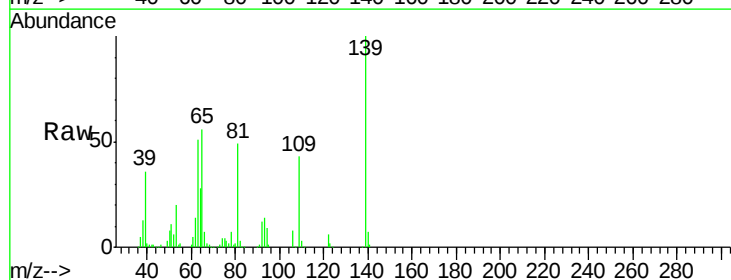
RT: 9.87 min Scan# 1154

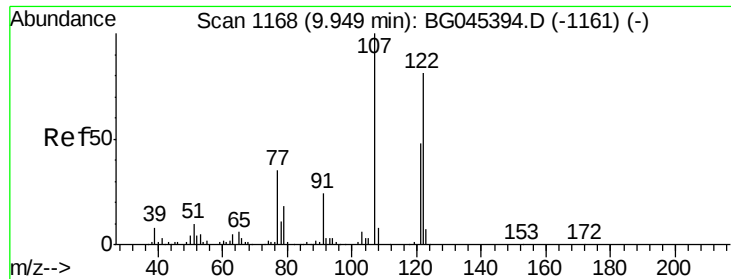
Delta R.T. -0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Tgt Ion:	139	Resp:	109836
Ion Ratio	Lower	Upper	
139	100		
109	42.6	32.2	48.4
65	55.8	49.6	74.4





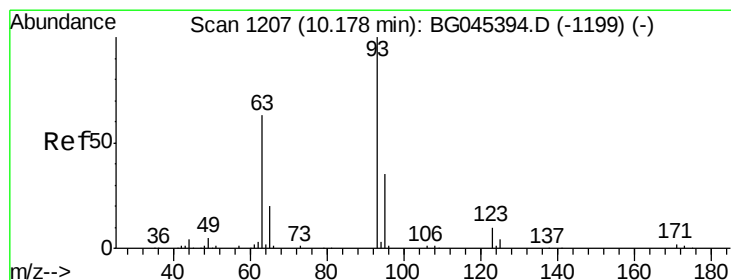
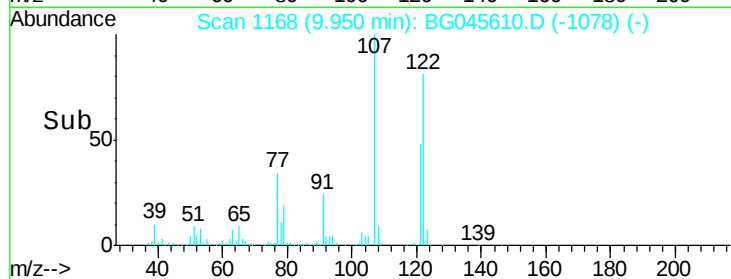
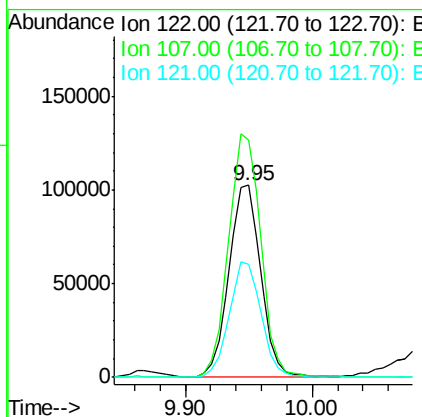
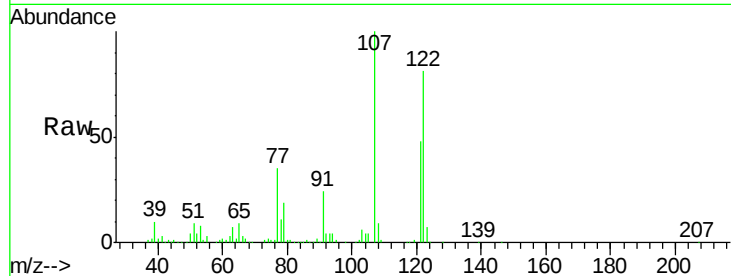
#27
2,4-Dimethylphenol
Concen: 55.097 ng
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	176578		
107	123.8	99.0	148.4	
121	59.1	47.7	71.5	

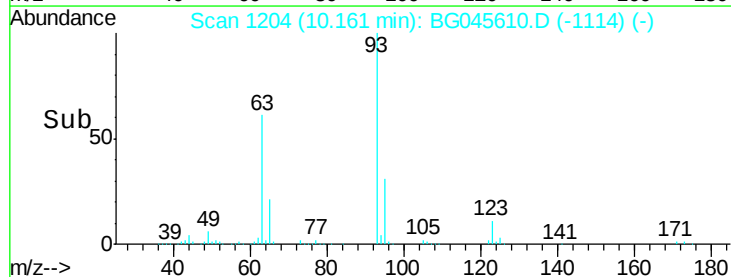
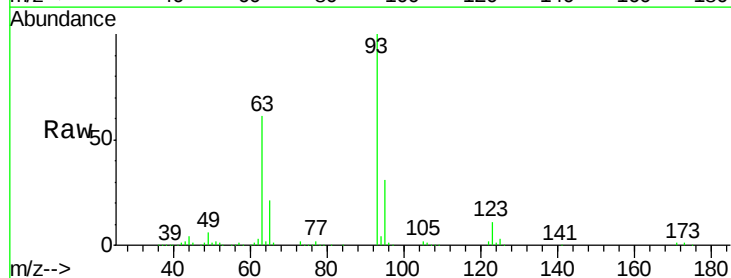
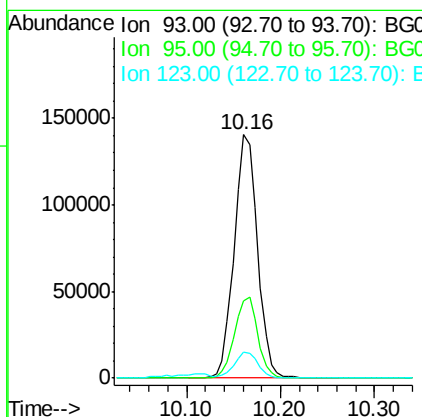
Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#28
bis(2-Chloroethoxy)methane
Concen: 49.839 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	242681		
95	31.5	27.6	41.4	
123	10.9	8.1	12.1	





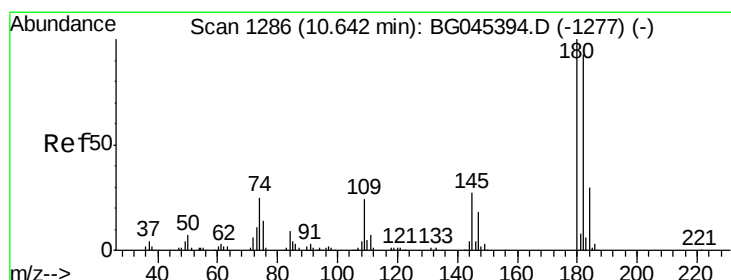
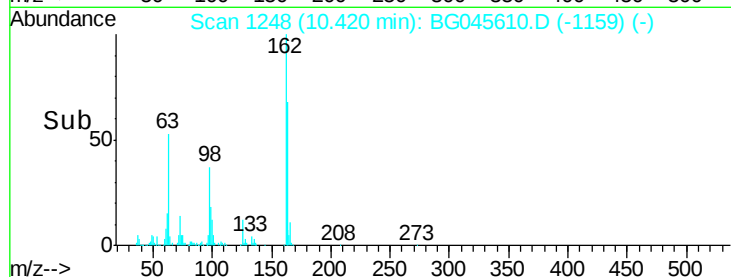
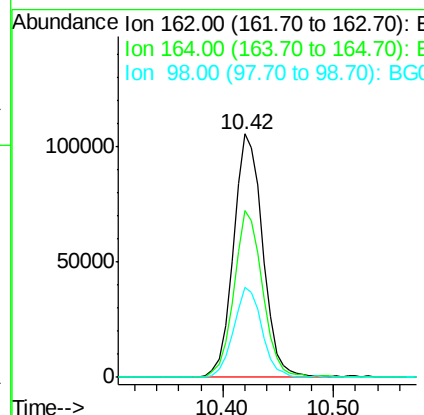
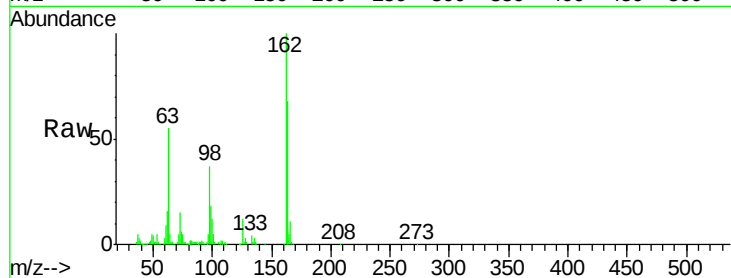
#29
 2,4-Dichlorophenol
 Concen: 51.838 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BG045610.D
 Acq: 4 Jun 2020 18:19

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		196183		
164	68.3	46.8	86.8		
98	36.8	15.2	55.2		

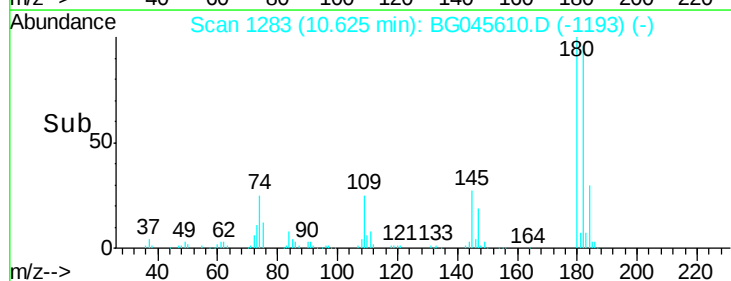
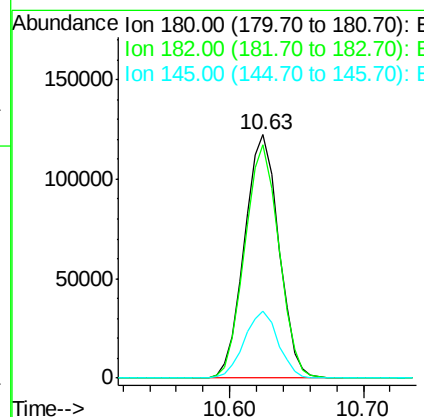
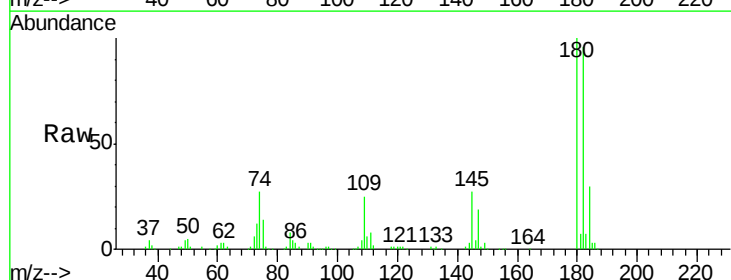
Manual Integrations
 APPROVED

mohammad
 6/5/2020 10:30:07 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.639 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045610.D
 Acq: 4 Jun 2020 18:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		217514		
182	95.9	74.8	112.2		
145	27.3	21.9	32.9		





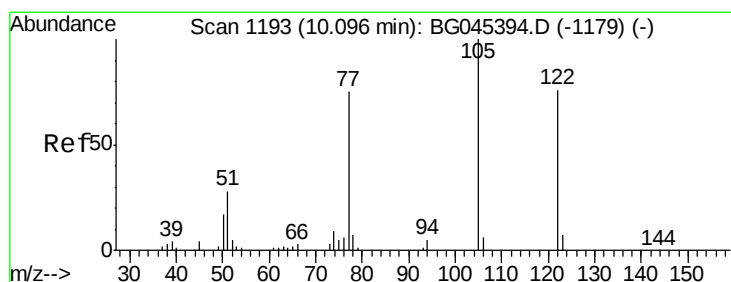
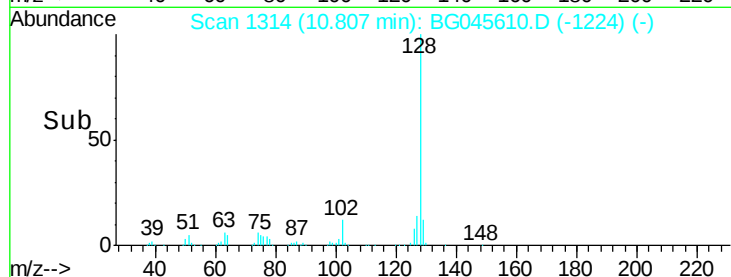
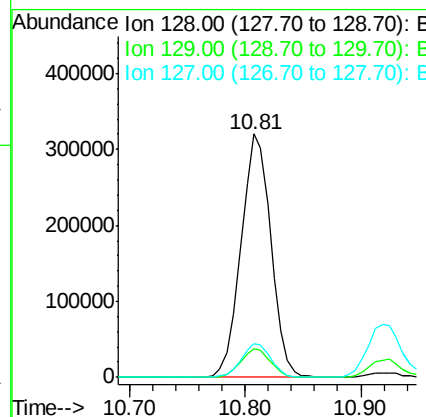
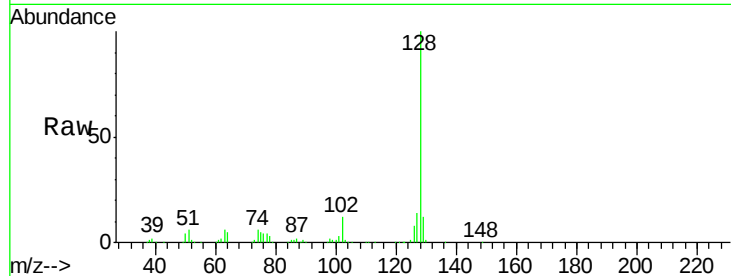
#31
Naphthalene
Concen: 47.869 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	14.0	10.7	16.1

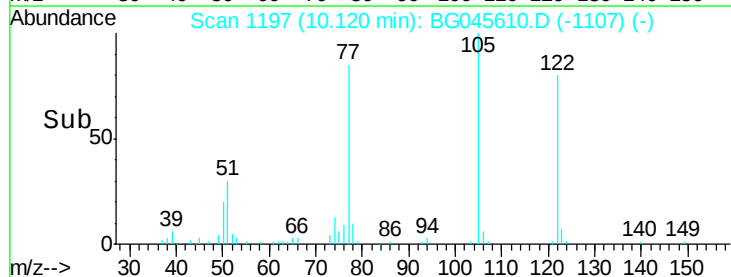
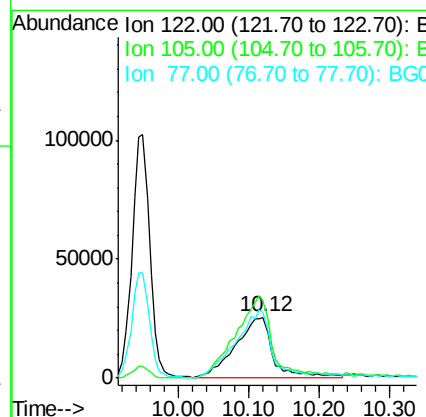
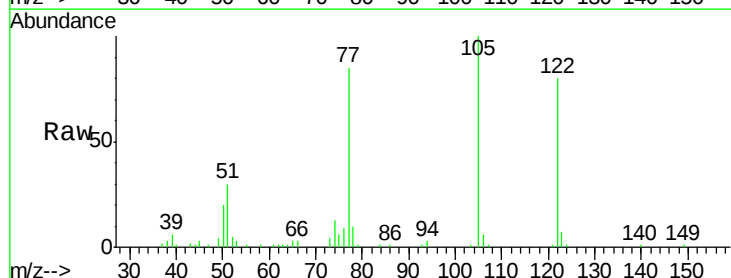
Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#32
Benzoic acid
Concen: 42.932 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	107.9	147.9
77	106.9	78.9	118.9





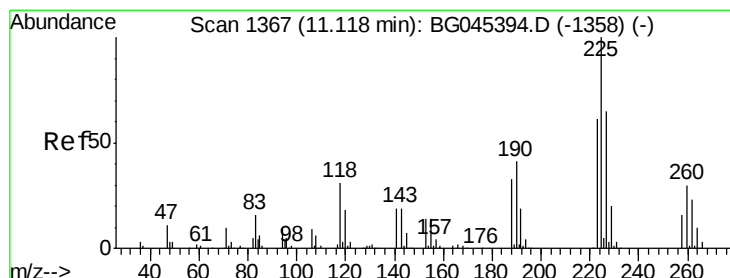
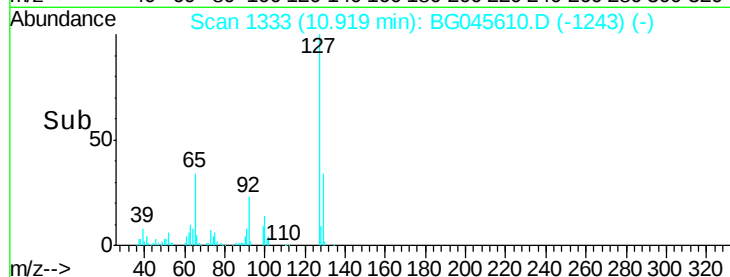
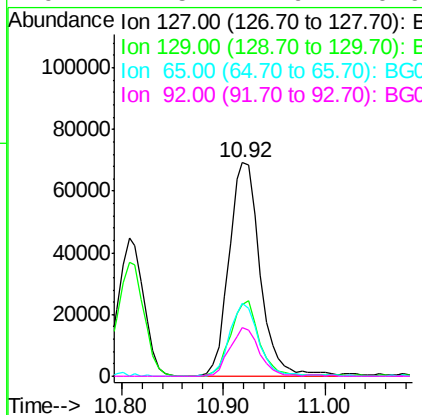
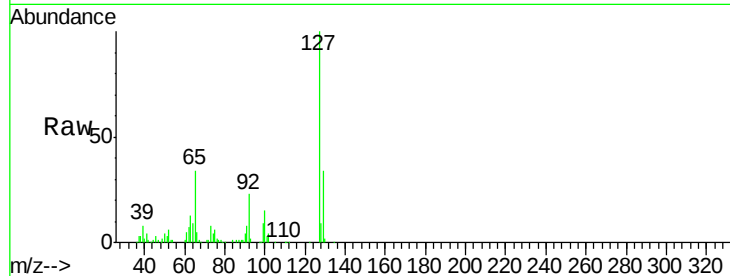
#33
4-Chloroaniline
Concen: 29.482 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		147644		
129	33.6	24.7	37.1		
65	33.9	26.2	39.2		
92	22.5	17.9	26.9		

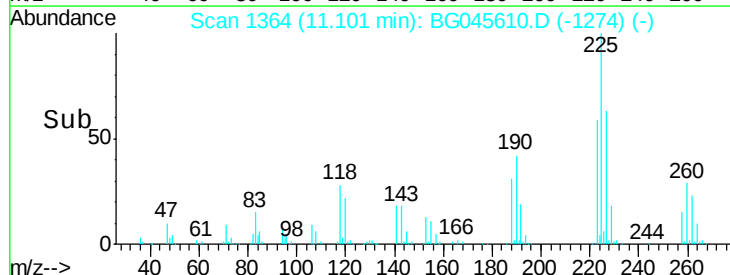
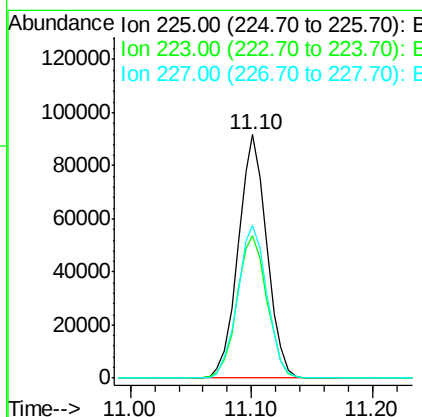
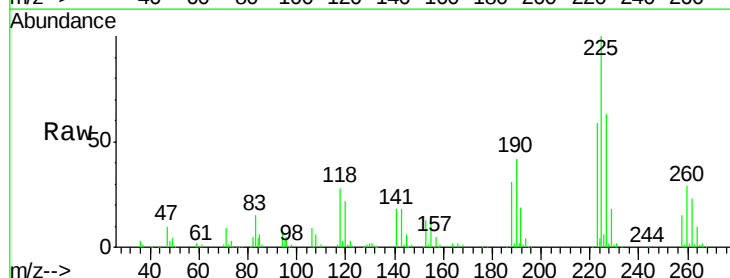
Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#34
Hexachlorobutadiene
Concen: 47.653 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		150636		
223	58.6	49.1	73.7		
227	62.9	52.0	78.0		





#35

Caprolactam

Concen: 48.589 ng/ml

RT: 11.69 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMSD

Tot Ion:113 Resp: 67497

Ion Ratio Lower Upper

113 100

55 139.2 96.0 136.0#

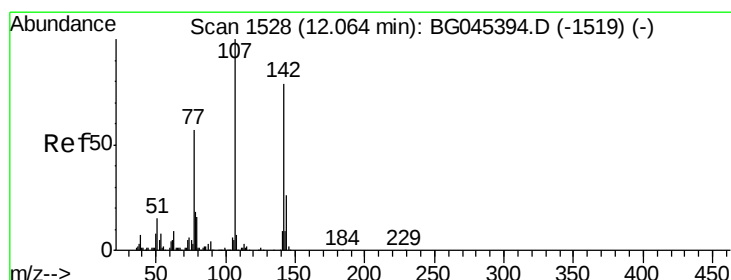
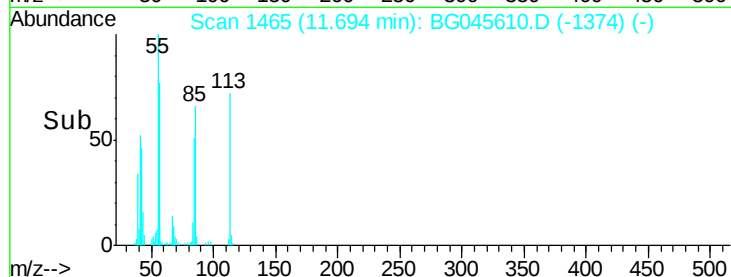
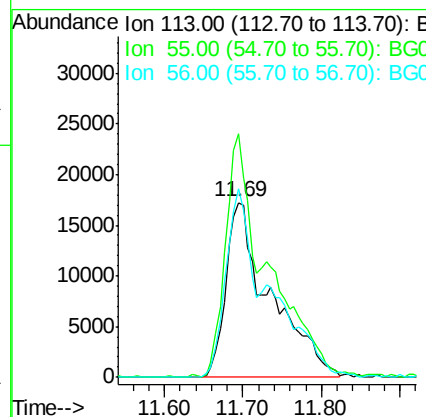
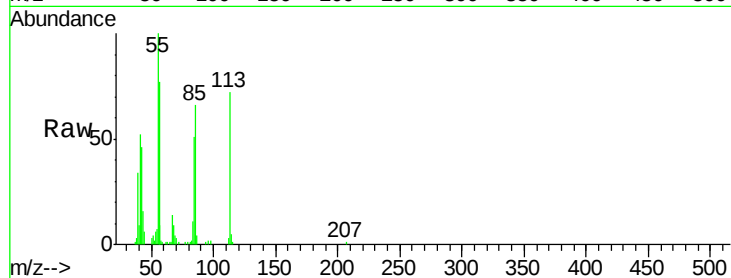
56 107.7 75.1 115.1

Manual Integrations

APPROVED

mohammad

6/5/2020 10:30:07 AM



#36

4-Chloro-3-methylphenol

Concen: 51.191 ng/ml

RT: 12.07 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

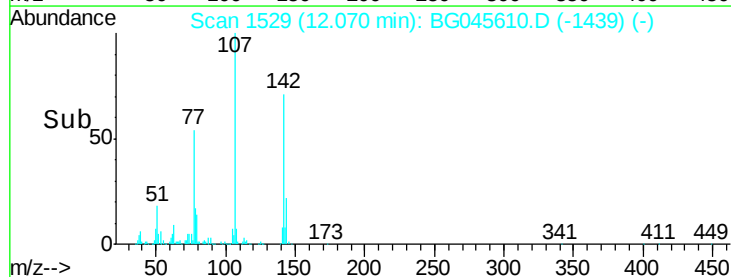
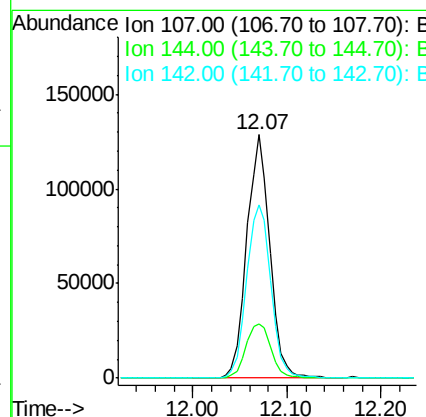
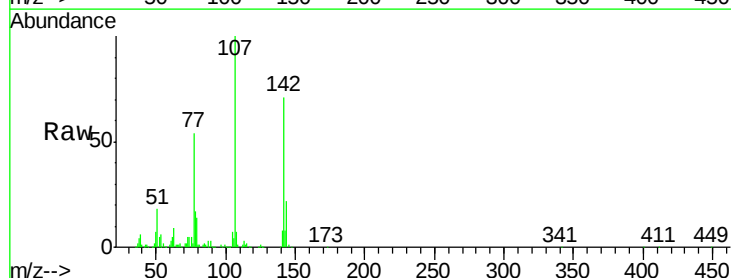
Tgt Ion:107 Resp: 218310

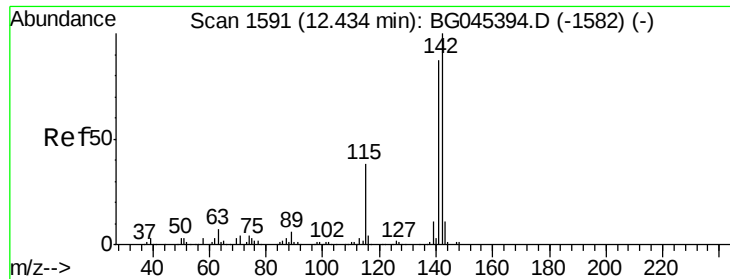
Ion Ratio Lower Upper

107 100

144 22.4 20.8 31.2

142 71.1 62.8 94.2





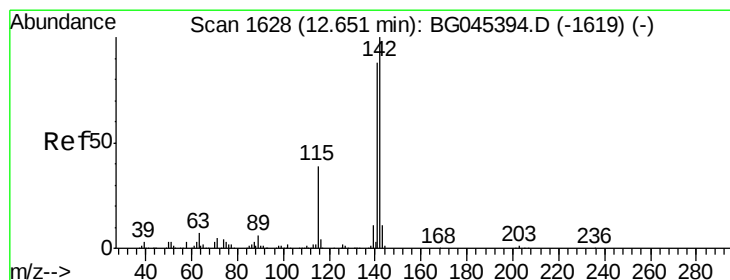
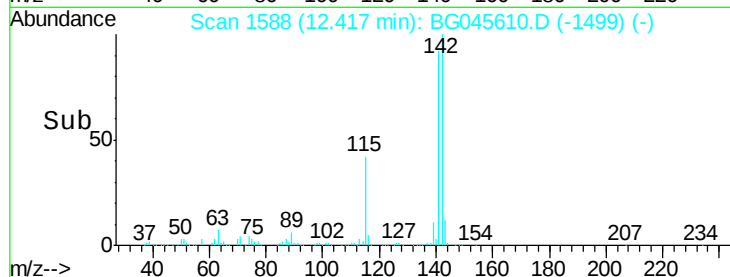
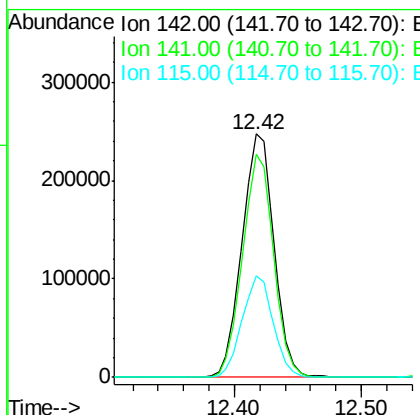
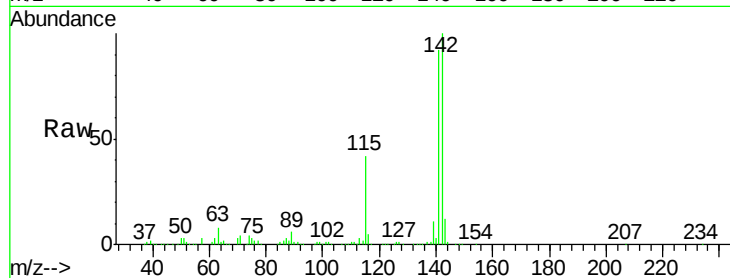
#37
2-Methylnaphthalene
Concen: 48.522 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.0	105.0
115	41.6	30.8	46.2

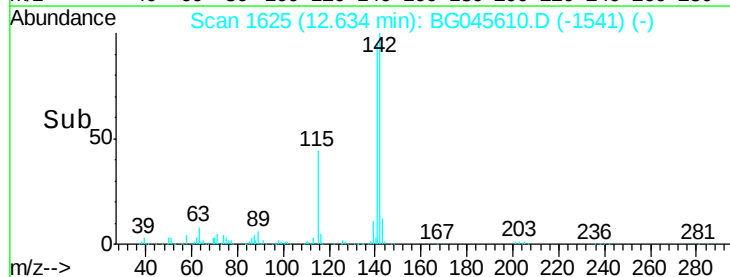
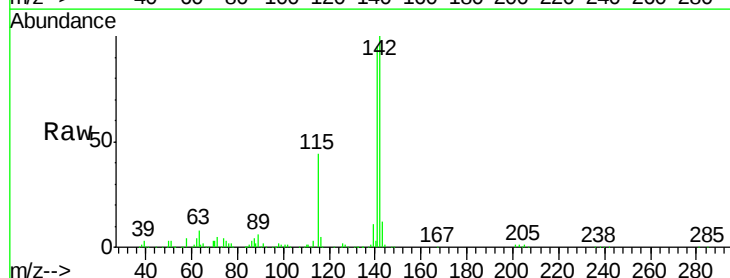
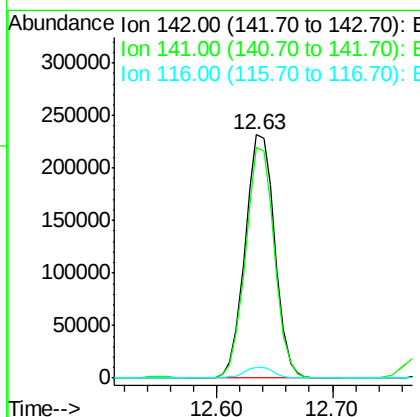
Manual Integrations
APPROVED

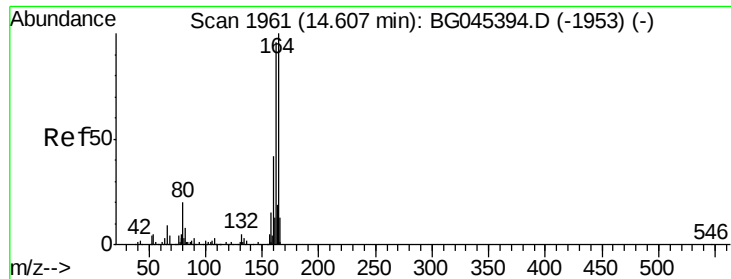
mohammad
6/5/2020 10:30:07 AM



#38
1-Methylnaphthalene
Concen: 48.652 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	70.8	106.2
116	4.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

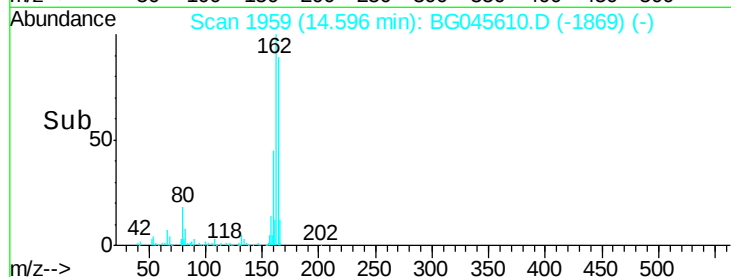
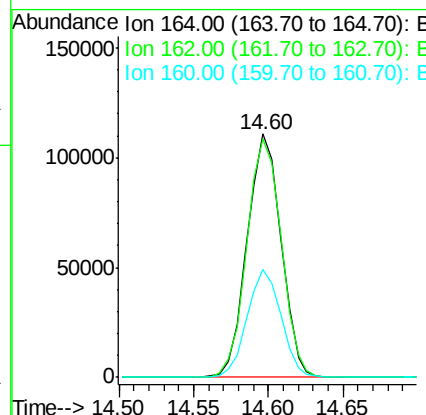
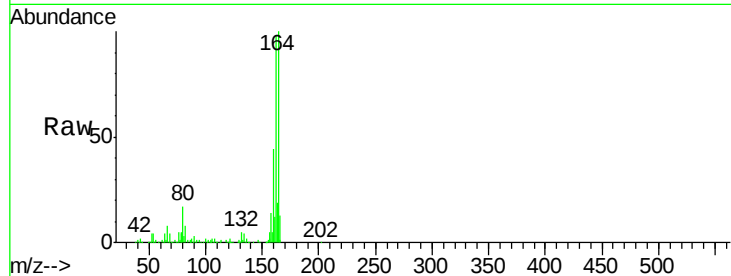
ClientSampleId :

WARREN-TPMSD

Tot Ion:	164	Resp:	174040
Ion Ratio	Lower	Upper	
164	100		
162	97.7	76.9	115.3
160	44.4	33.8	50.8

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.076 ng

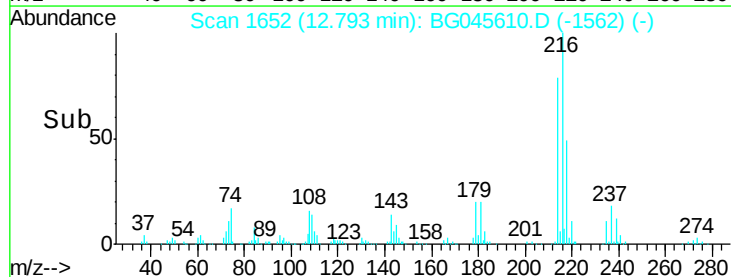
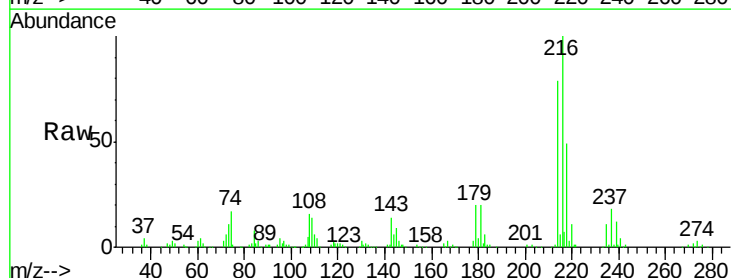
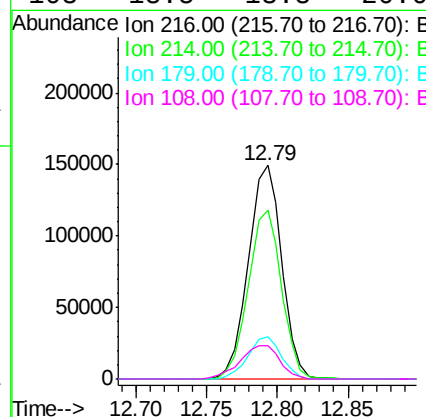
RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Tgt Ion:	216	Resp:	248289
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.7	95.5
179	19.8	16.1	24.1
108	18.5	13.8	20.6





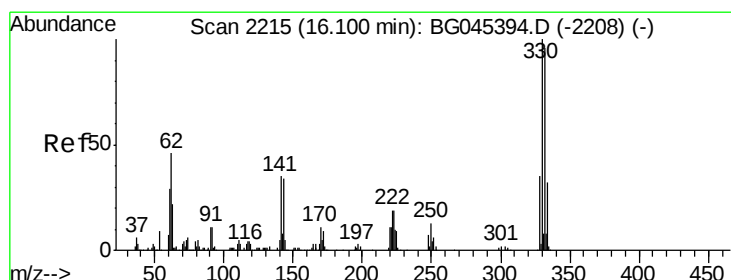
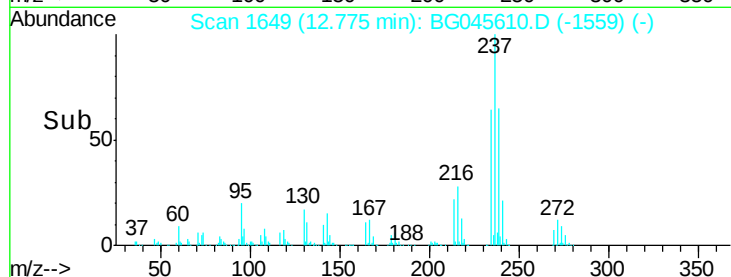
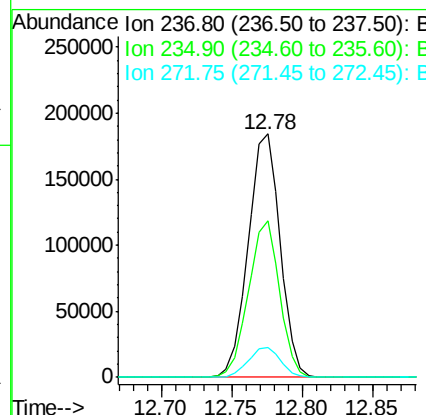
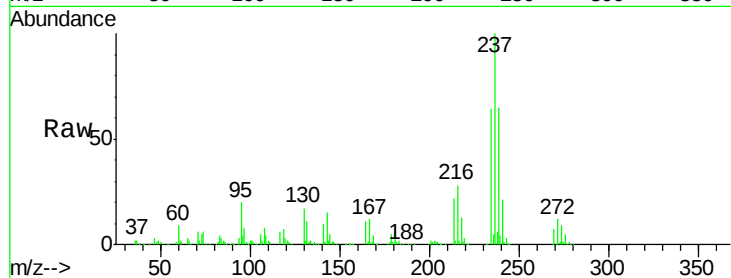
#41
Hexachlorocyclopentadiene
Concen: 104.285 ng
RT: 12.78 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.4	44.4	84.4
272	12.5	0.0	32.5

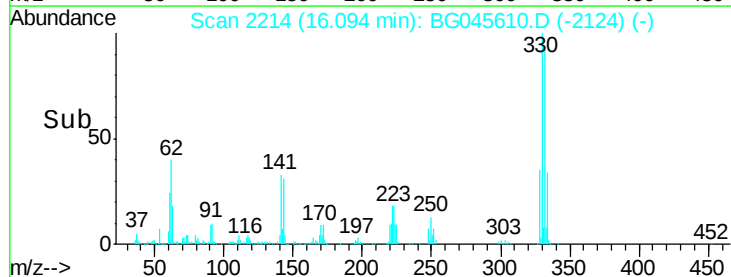
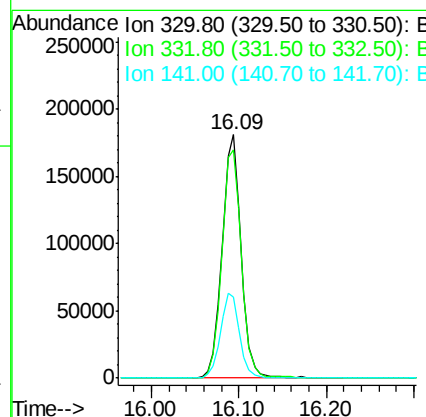
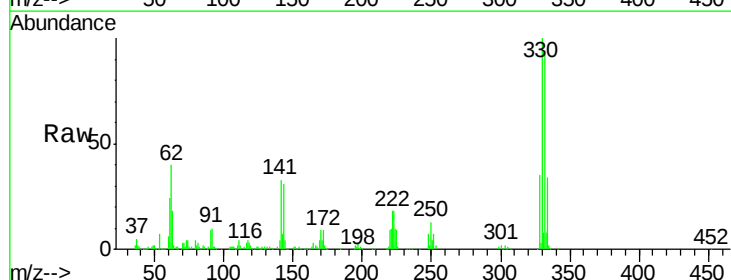
Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#42
2,4,6-Tribromophenol
Concen: 121.883 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.0	78.2	117.4
141	35.3	28.2	42.4





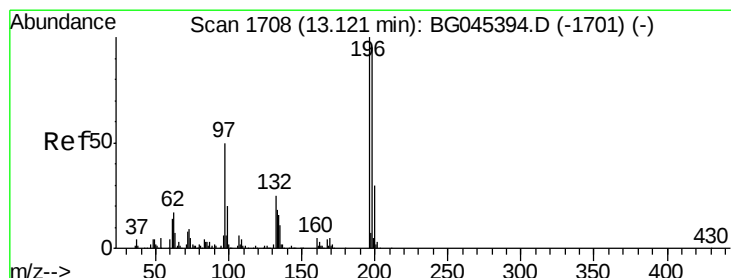
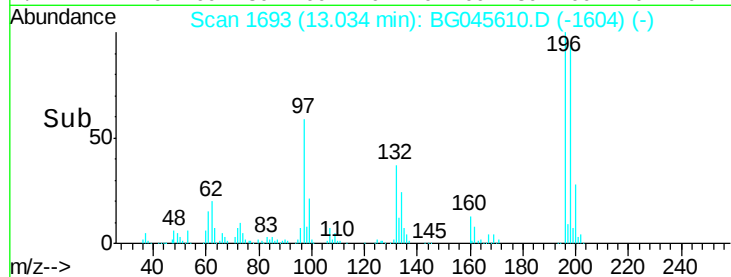
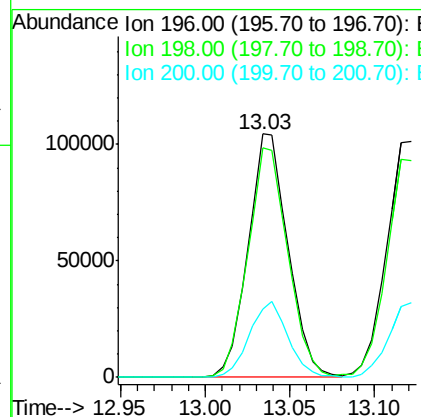
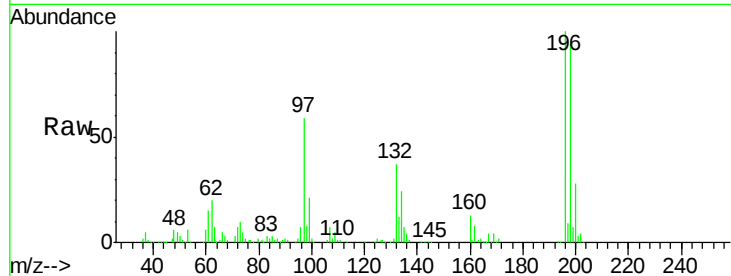
#43
 2,4,6-Trichlorophenol
 Concen: 50.647 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG045610.D
 Acq: 4 Jun 2020 18:19

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	171031		
198	94.2	76.7	115.1	
200	27.9	24.9	37.3	

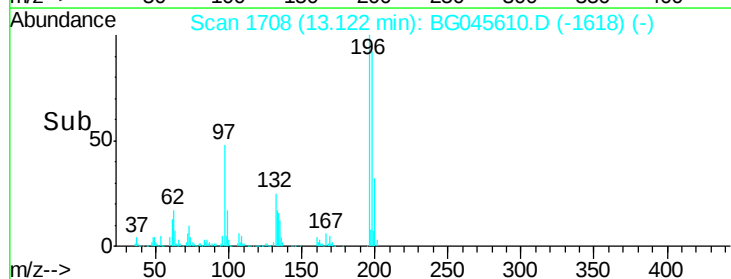
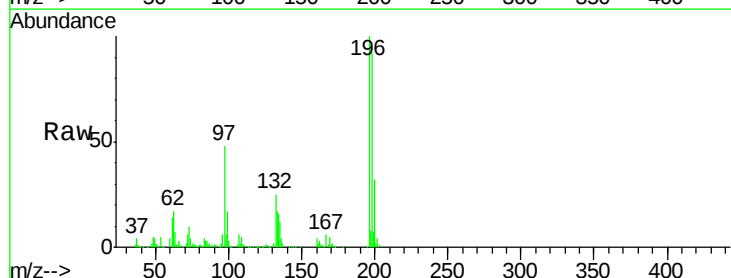
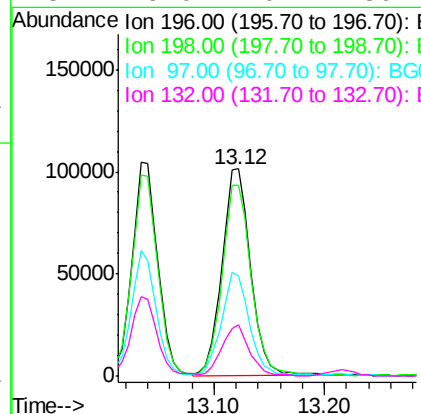
Manual Integrations
 APPROVED

mohammad
 6/5/2020 10:30:07 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.375 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045610.D
 Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182817		
198	92.0	76.1	114.1	
97	48.1	40.0	60.0	
132	25.0	20.2	30.2	





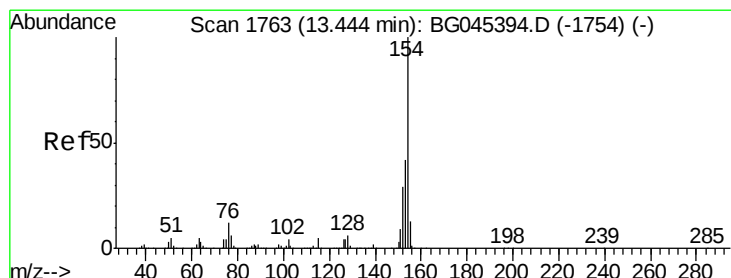
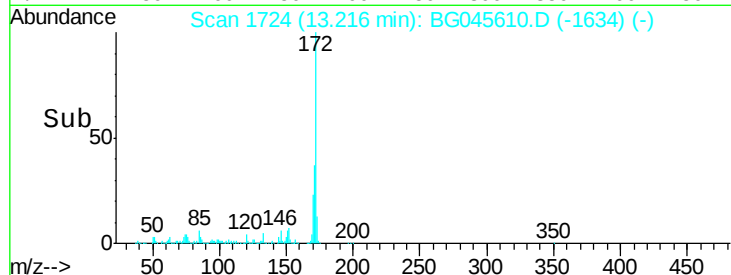
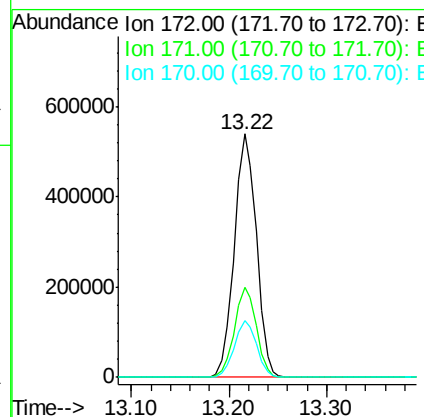
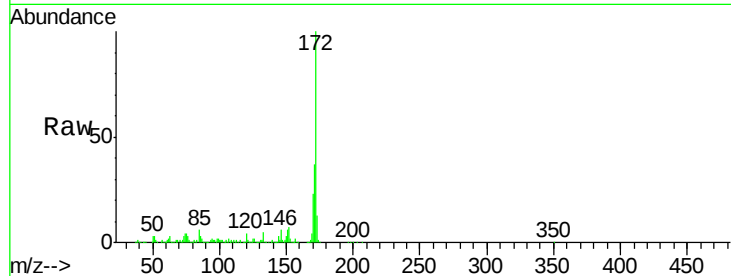
#45
2-Fluorobiphenyl
Concen: 82.488 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.5	44.3
170	23.5	18.5	27.7

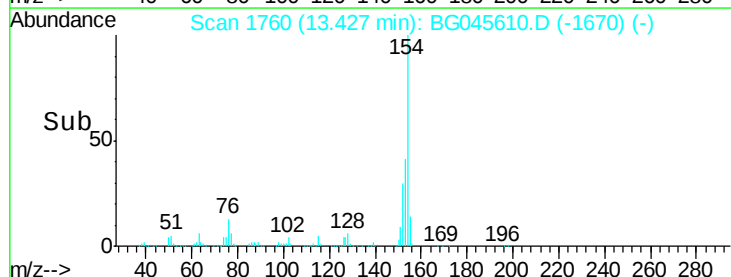
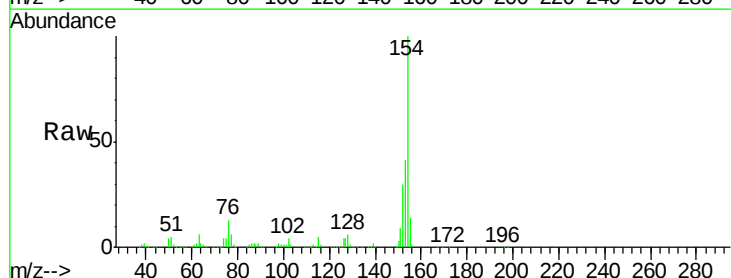
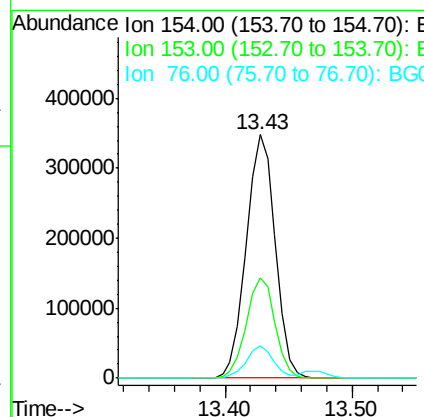
Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#46
1,1'-Biphenyl
Concen: 51.589 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.2	62.2
76	13.2	0.0	32.4





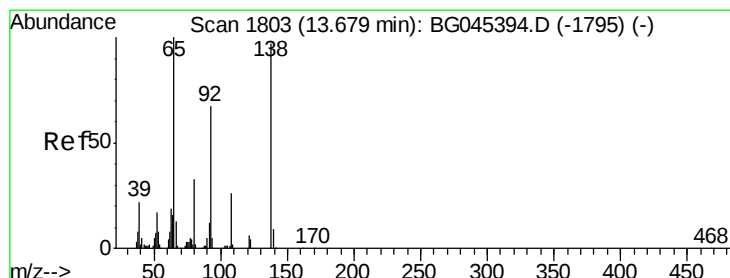
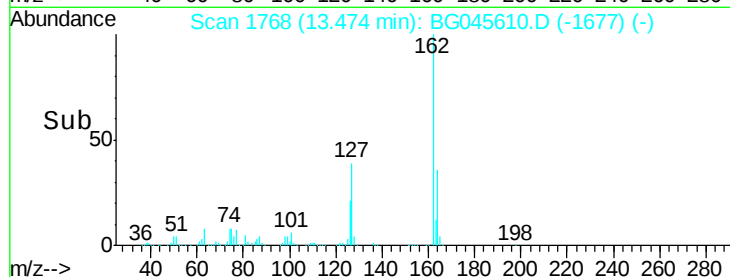
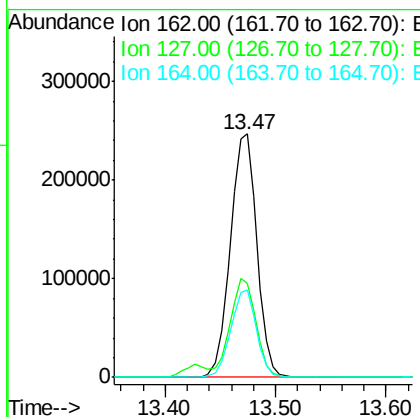
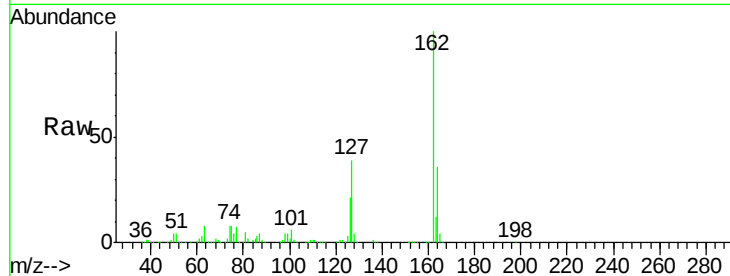
#47
2-Chloronaphthalene
Concen: 47.895 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.6	47.4
164	35.7	28.1	42.1

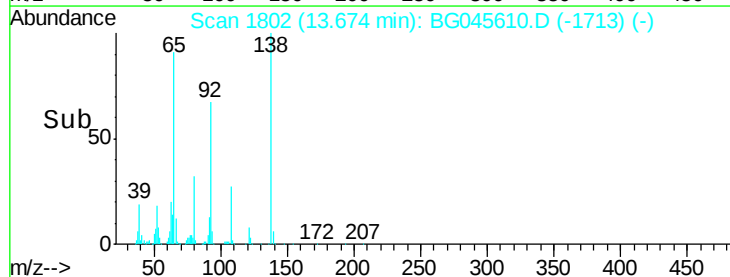
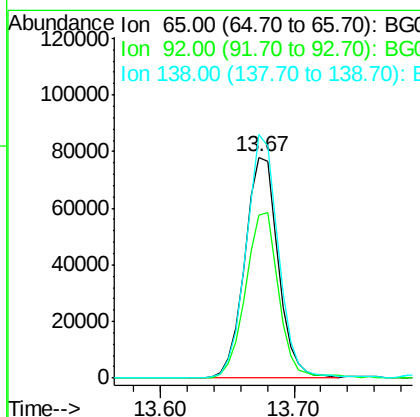
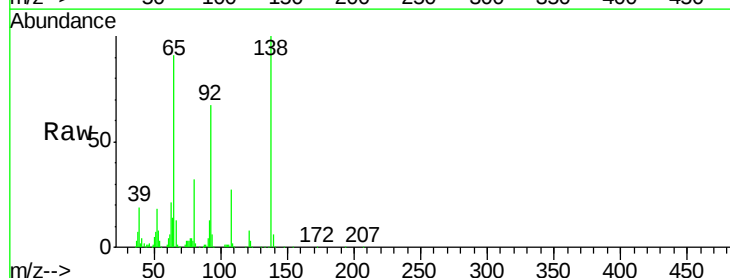
Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#48
2-Nitroaniline
Concen: 47.028 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	53.8	80.8
138	110.2	77.9	116.9





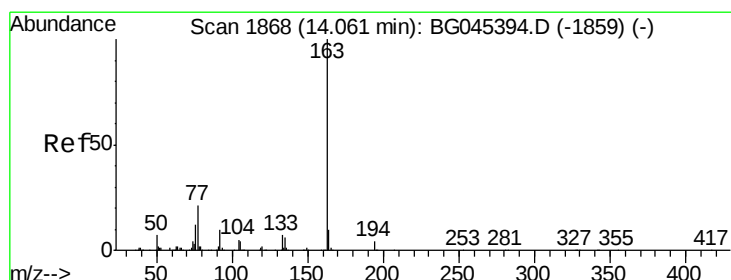
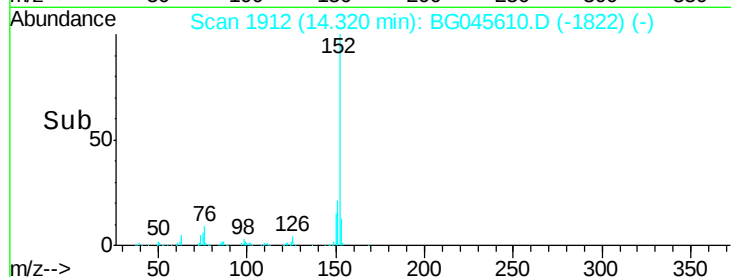
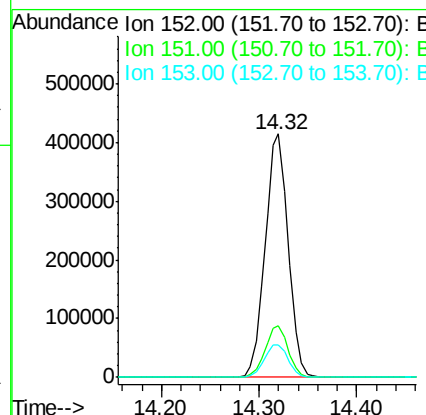
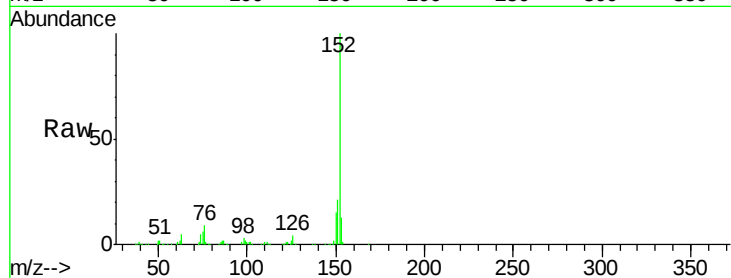
#49
Acenaphthylene
Concen: 49.407 ng
RT: 14.32 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	21.4	17.4	26.2
153	13.5	10.7	16.1

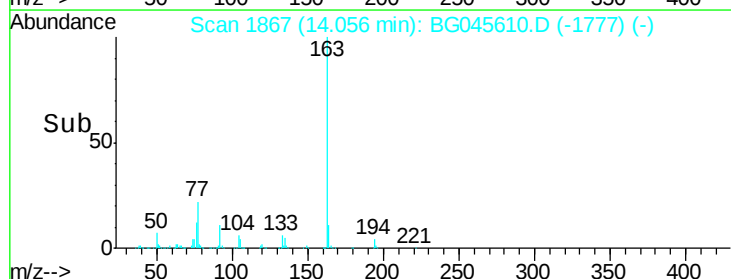
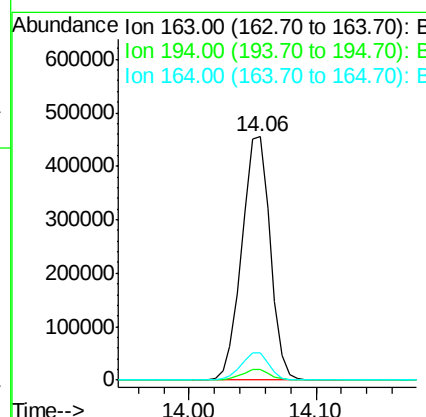
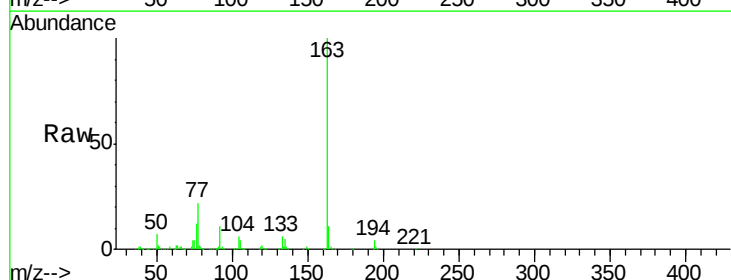
Manual Integrations
APPROVED

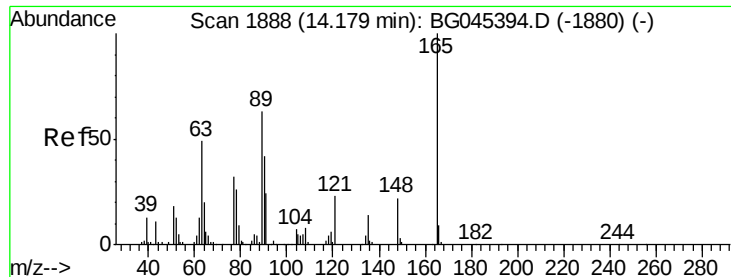
mohammad
6/5/2020 10:30:07 AM



#50
Dimethylphthalate
Concen: 59.126 ng
RT: 14.06 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.4	3.2	4.8
164	11.1	8.3	12.5





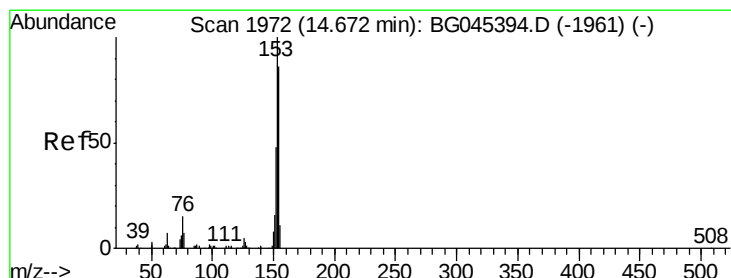
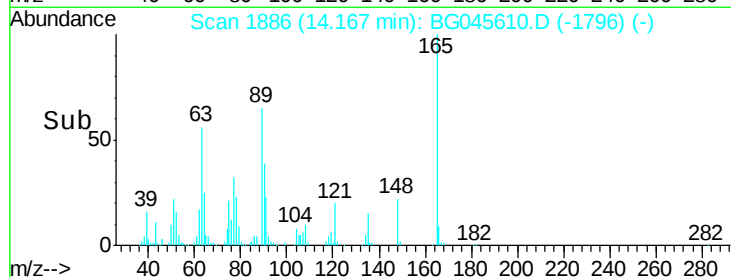
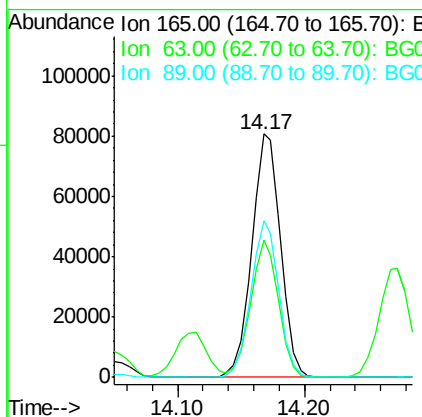
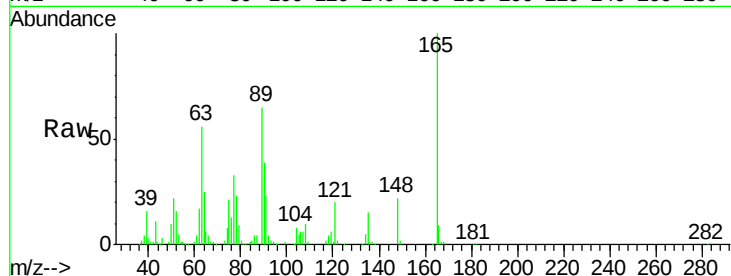
#51
 2,6-Dinitrotoluene
 Concen: 47.184 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045610.D
 Acq: 4 Jun 2020 18:19

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMSD

Tot Ion:	165	Resp:	127116
Ion Ratio	Lower	Upper	
165	100		
63	56.2	45.0	67.4
89	64.5	50.2	75.4

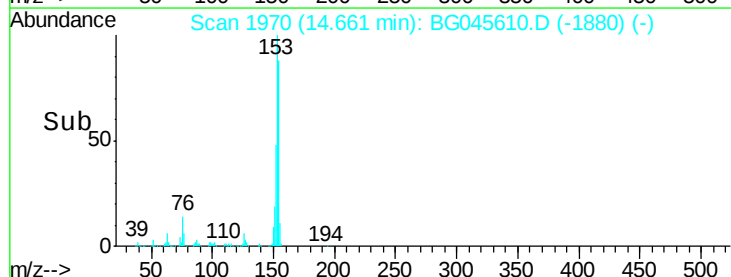
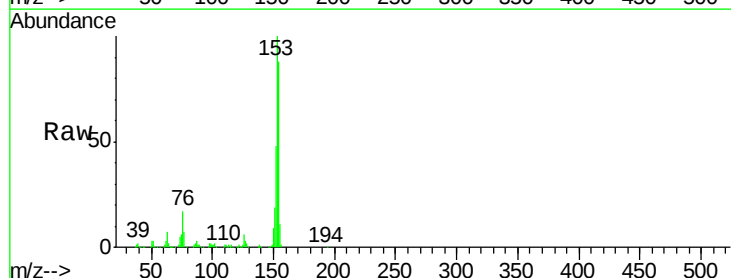
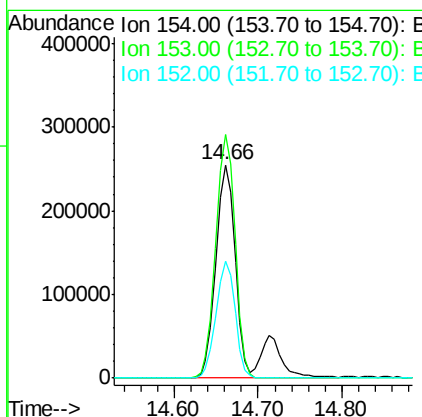
Manual Integrations
 APPROVED

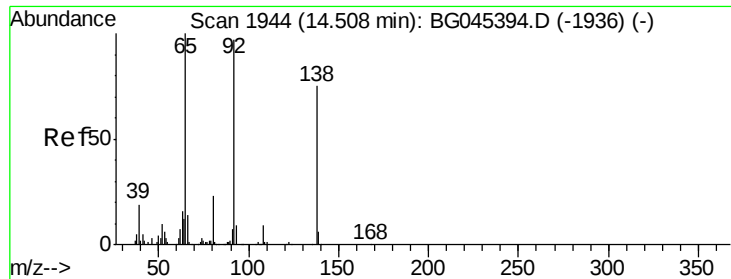
mohammad
 6/5/2020 10:30:07 AM



#52
 Acenaphthene
 Concen: 52.735 ng m
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045610.D
 Acq: 4 Jun 2020 18:19

Tgt Ion:	154	Resp:	492379
Ion Ratio	Lower	Upper	
154	100		
153	114.1	92.8	139.2
152	54.6	44.6	66.8





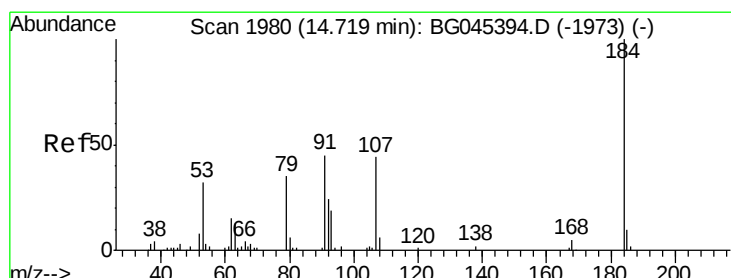
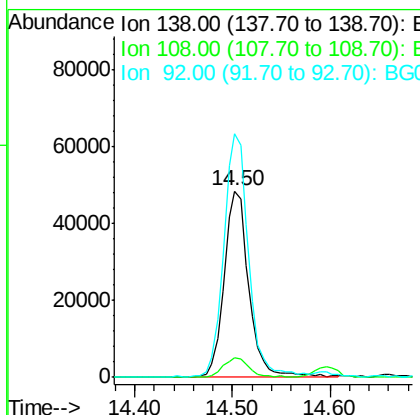
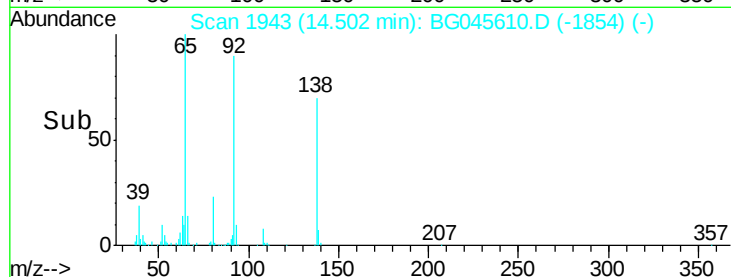
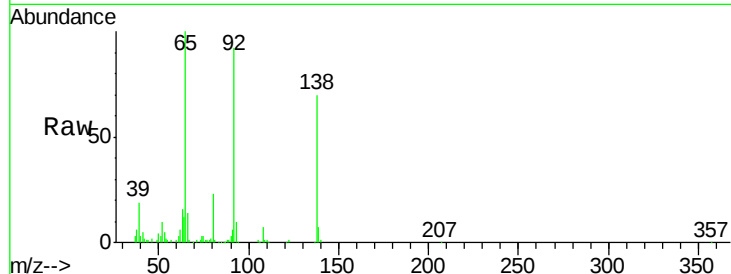
#53
3-Nitroaniline
Concen: 30.972 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion:138 Resp: 84821
Ion Ratio Lower Upper
138 100
108 10.6 9.8 14.6
92 130.8 103.0 154.4

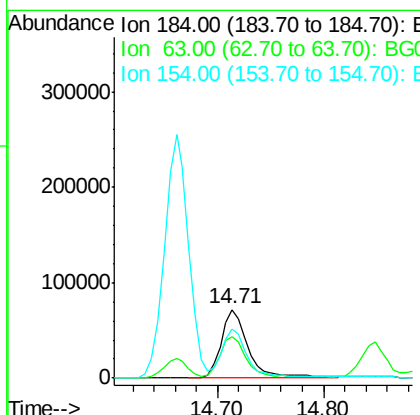
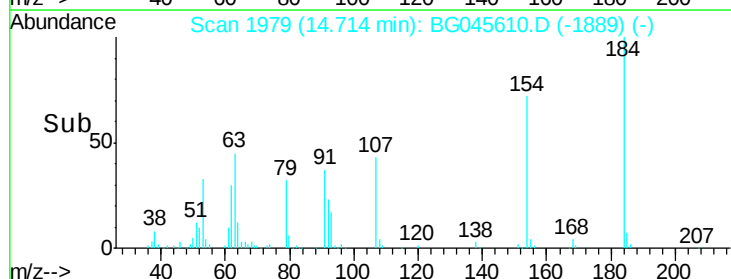
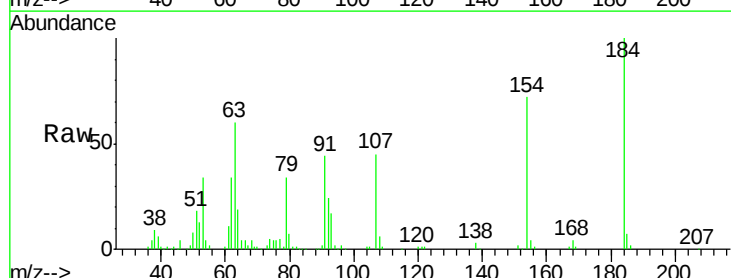
Manual Integrations
APPROVED

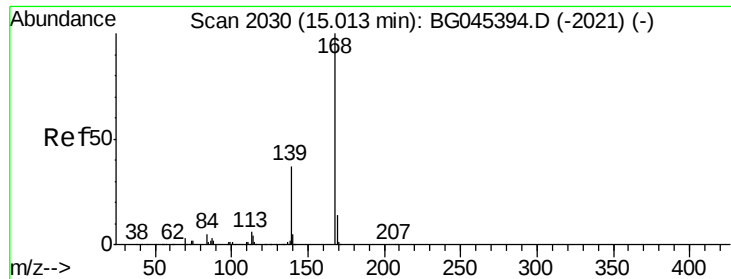
mohammad
6/5/2020 10:30:07 AM



#54
2,4-Dinitrophenol
Concen: 73.211 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion:184 Resp: 128324
Ion Ratio Lower Upper
184 100
63 60.3 47.8 71.6
154 71.7 58.3 87.5





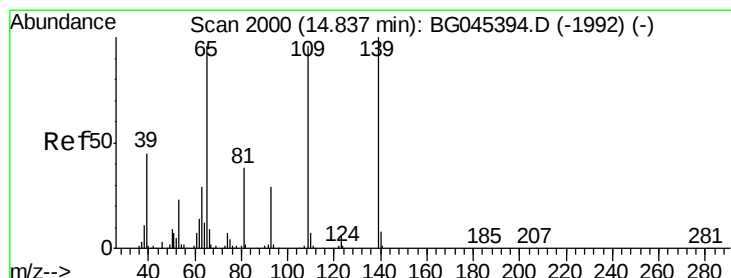
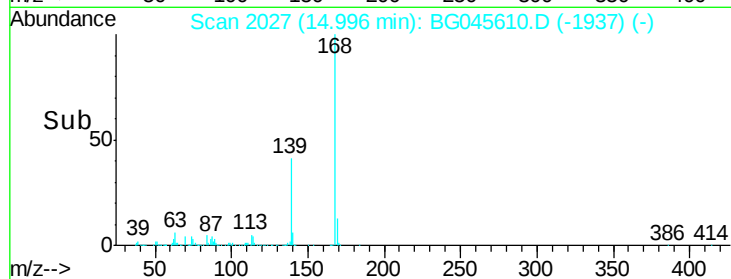
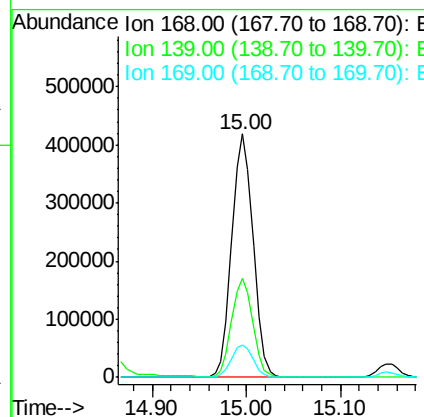
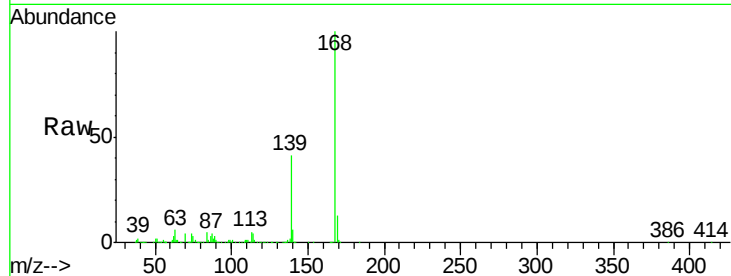
#55
Dibenzofuran
Concen: 47.678 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	29.9	44.9
169	13.5	10.9	16.3

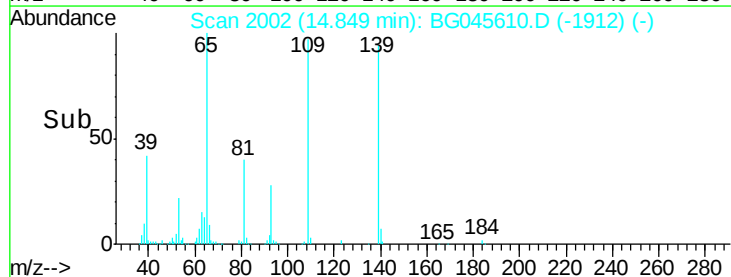
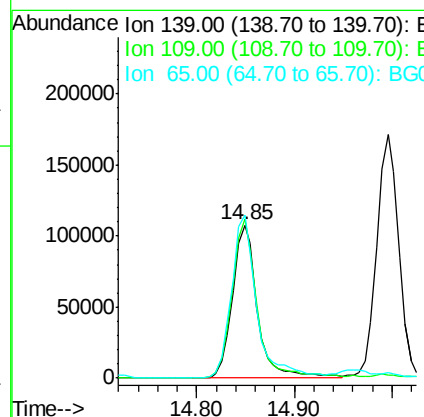
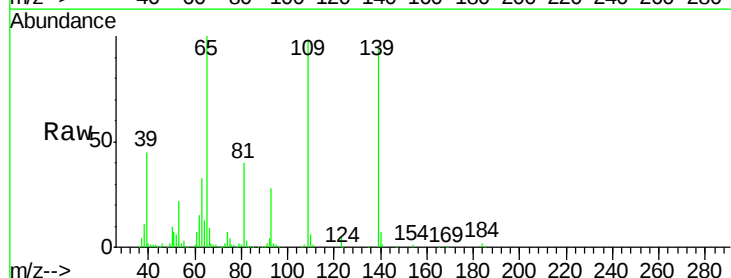
Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#56
4-Nitrophenol
Concen: 92.590 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.0	75.6	115.6
65	106.1	76.8	116.8





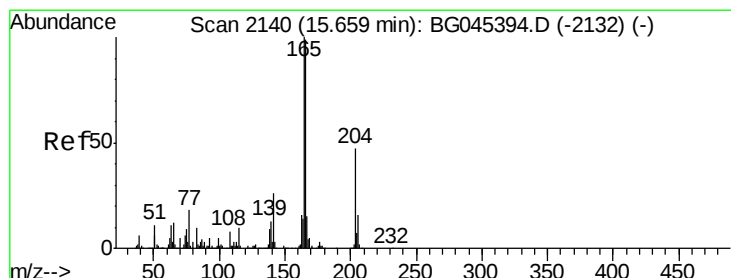
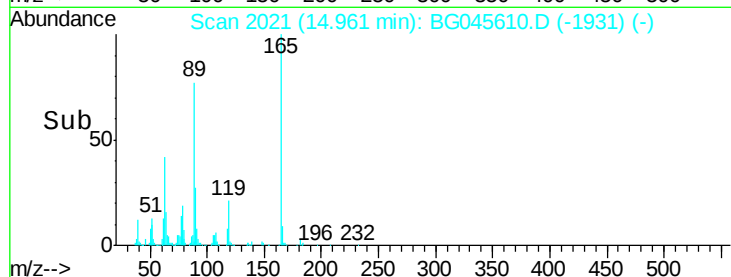
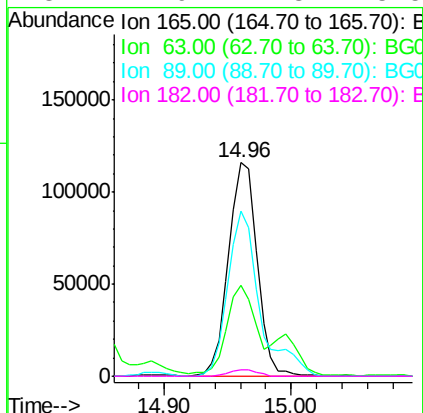
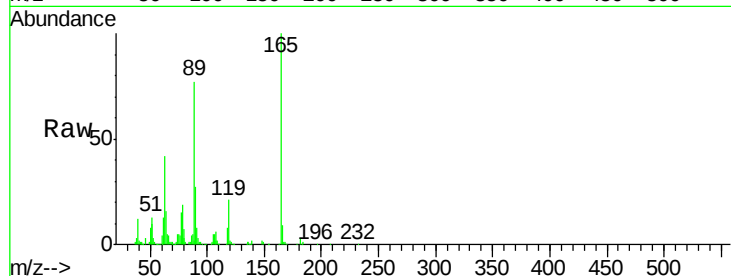
#57
2,4-Dinitrotoluene
Concen: 46.377 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.4	32.5	48.7
89	77.5	61.8	92.6
182	2.9	2.3	3.5

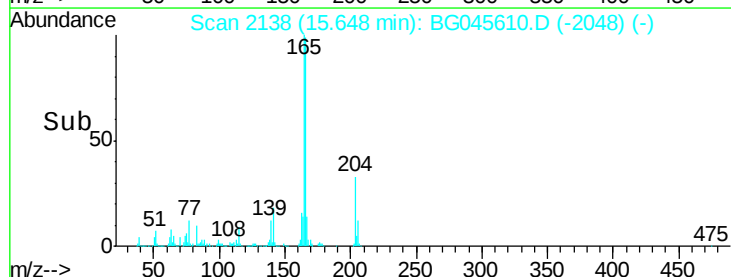
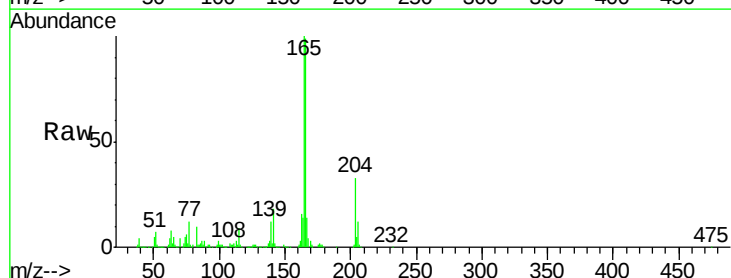
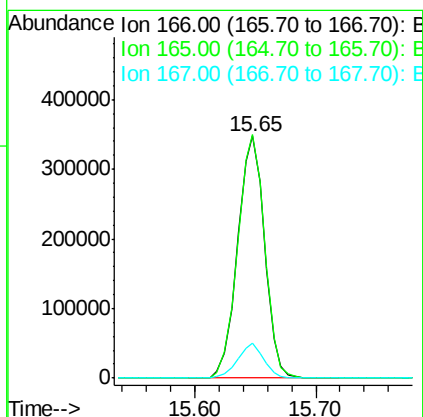
Manual Integrations
APPROVED

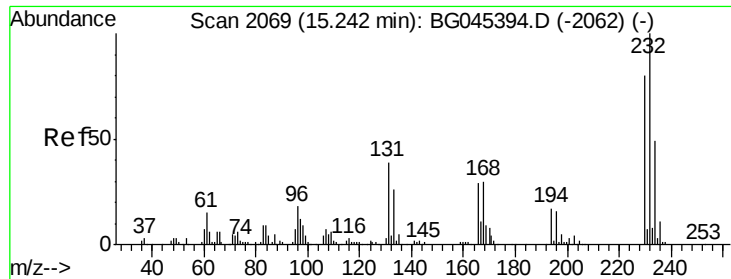
mohammad
6/5/2020 10:30:07 AM



#58
Fluorene
Concen: 47.596 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.8	121.2
167	14.3	12.0	18.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.542 ng

RT: 15.23 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

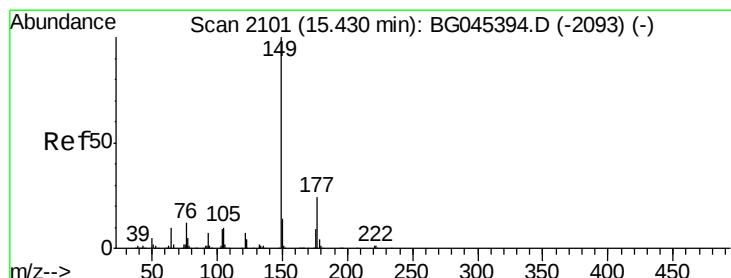
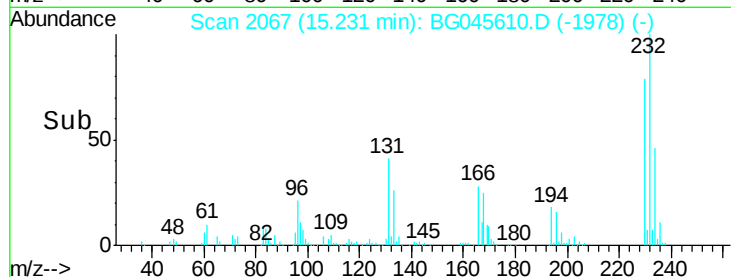
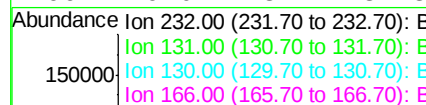
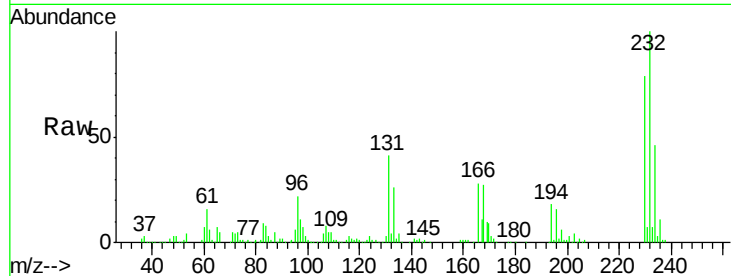
ClientSampleId :

WARREN-TPMSD

Tot Ion:	232	Resp:	168193
Ion Ratio	Lower	Upper	
232	100		
131	41.3	33.7	50.5
130	2.4	2.1	3.1
166	29.0	23.2	34.8

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#60

Diethylphthalate

Concen: 45.919 ng

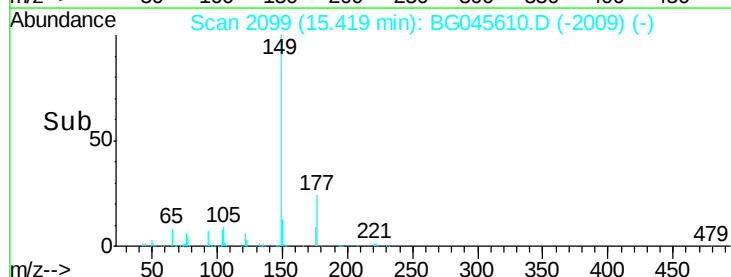
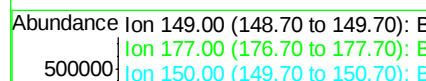
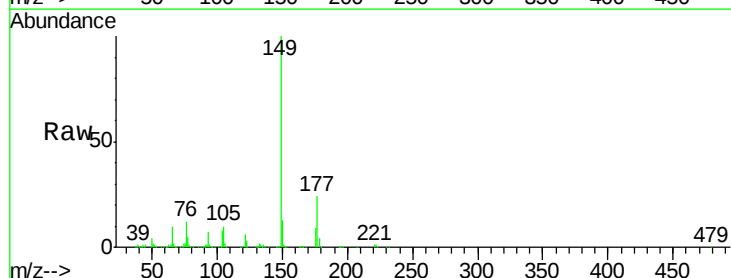
RT: 15.42 min Scan# 2099

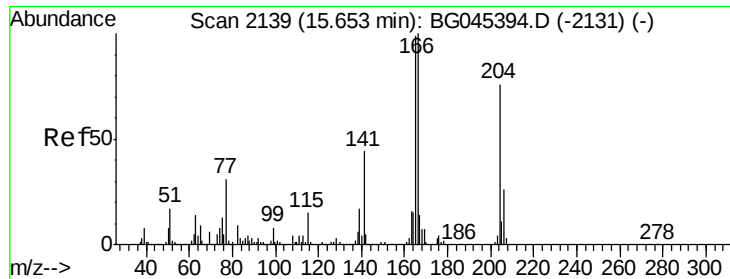
Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Tgt Ion:	149	Resp:	570616
Ion Ratio	Lower	Upper	
149	100		
177	23.9	19.0	28.4
150	12.6	11.4	17.0





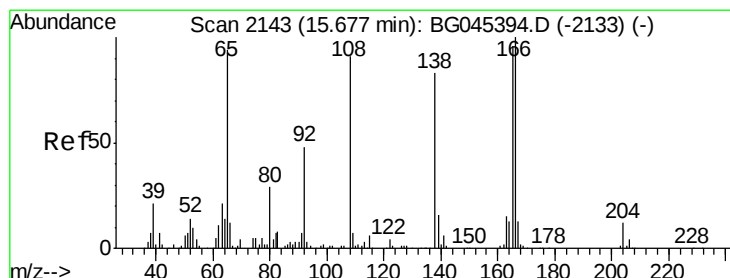
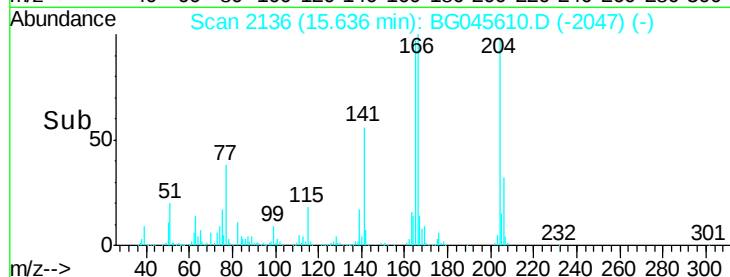
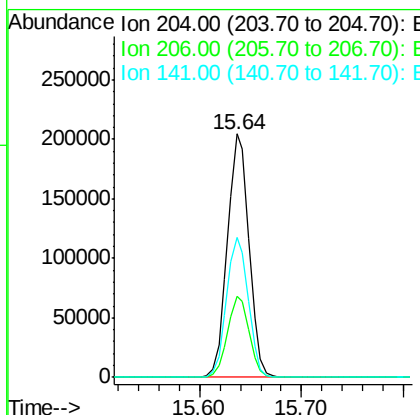
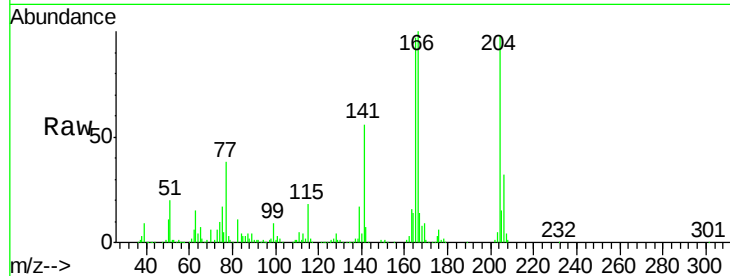
#61
 4-Chlorophenyl-phenylether
 Concen: 46.332 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG045610.D
 Acq: 4 Jun 2020 18:19

Instrument :
 BNA_G
 ClientSampleID :
 WARREN-TPMSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.1	27.3	40.9	
141	57.4	45.9	68.9	

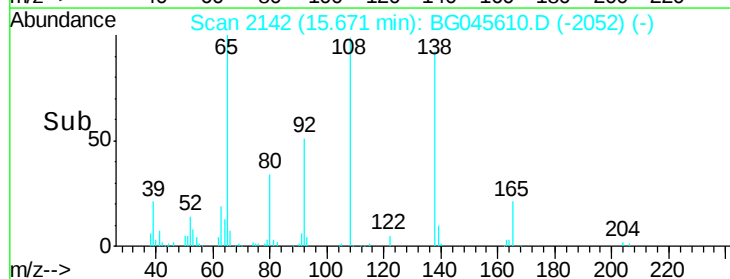
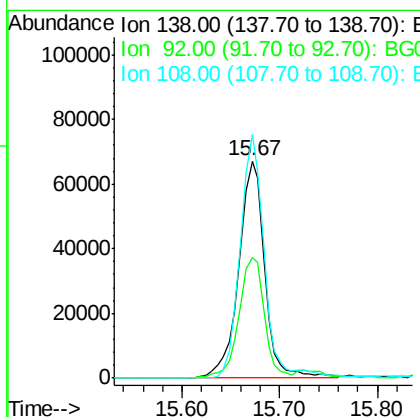
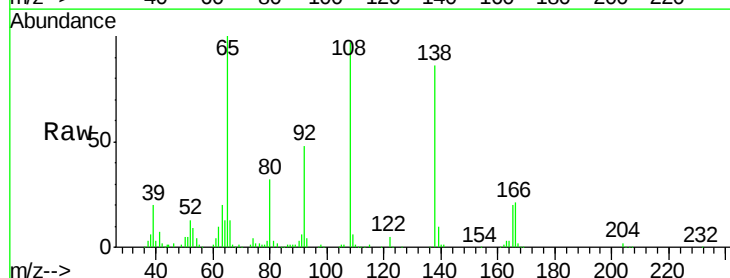
Manual Integrations
 APPROVED

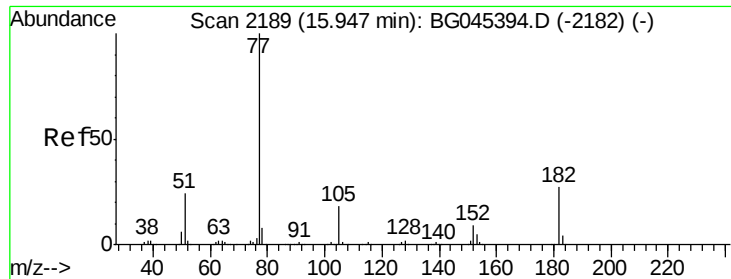
mohammad
 6/5/2020 10:30:07 AM



#62
 4-Nitroaniline
 Concen: 43.759 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG045610.D
 Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.9	38.0	78.0	
108	112.2	89.3	129.3	





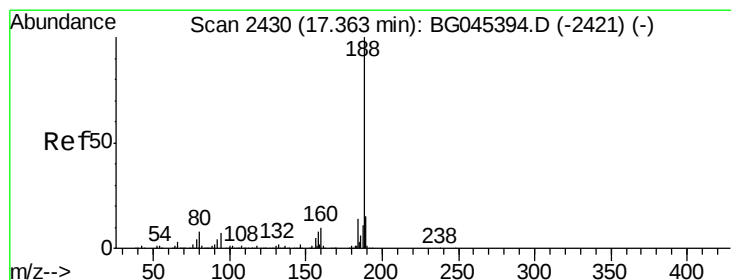
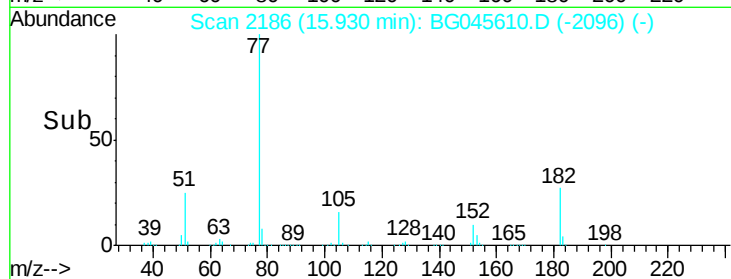
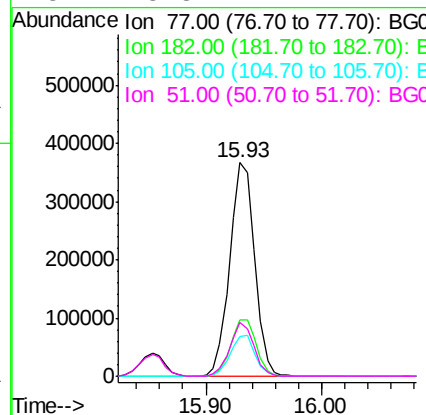
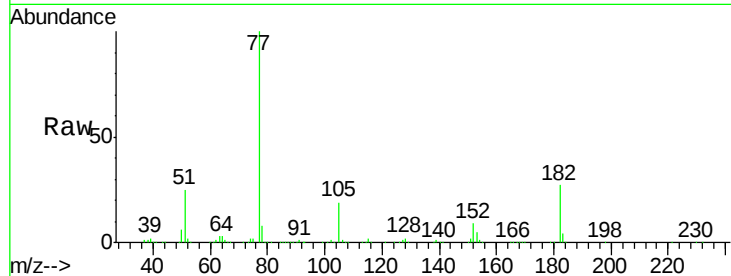
#63
Azobenzene
Concen: 47.152 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.6	6.5	46.5	
105	18.8	0.0	37.9	
51	25.3	4.1	44.1	

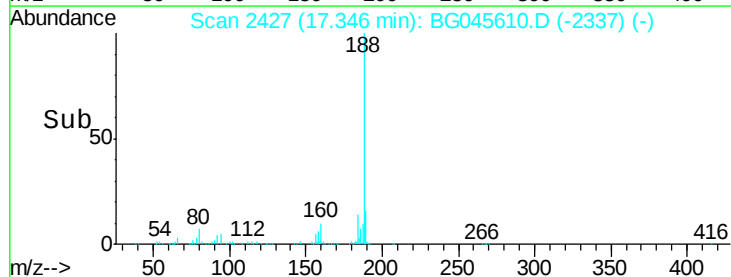
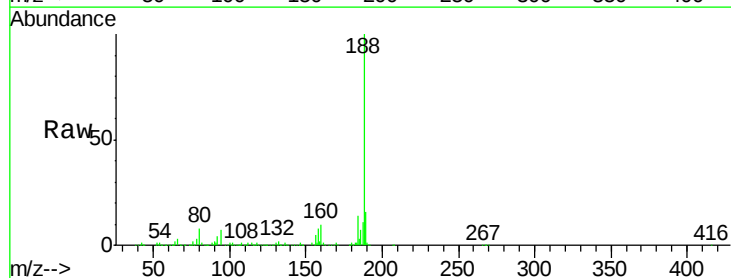
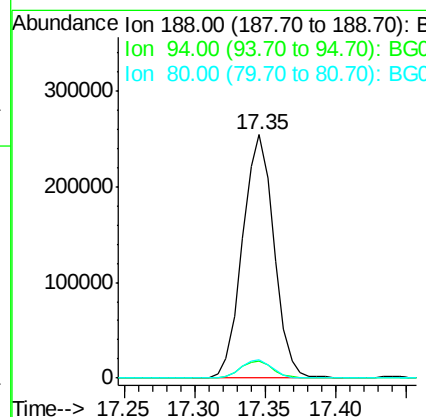
Manual Integrations
APPROVED

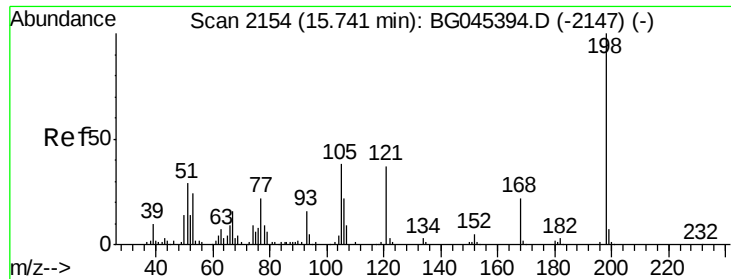
mohammad
6/5/2020 10:30:07 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.0	5.5	8.3	
80	7.8	6.6	10.0	





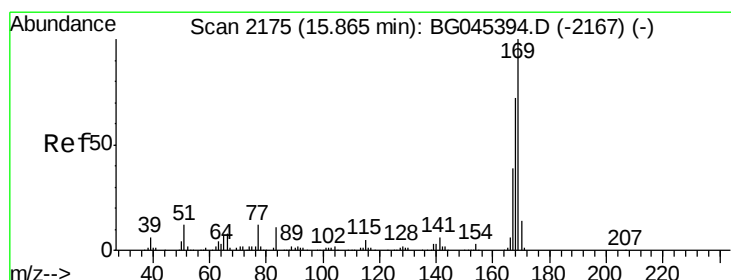
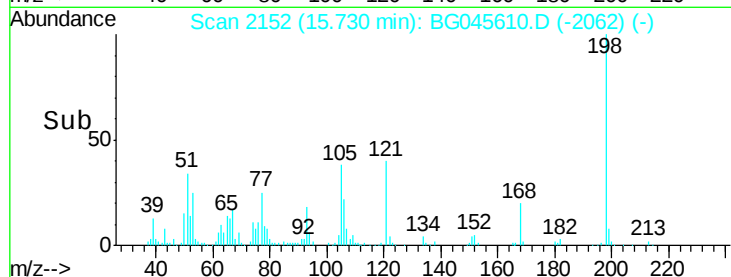
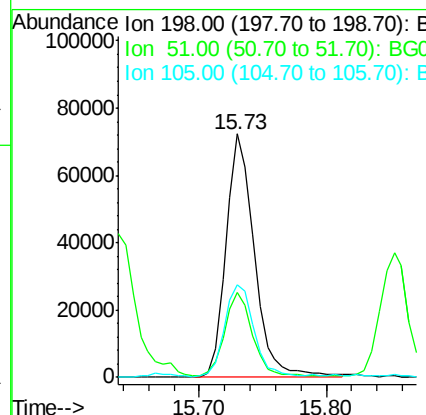
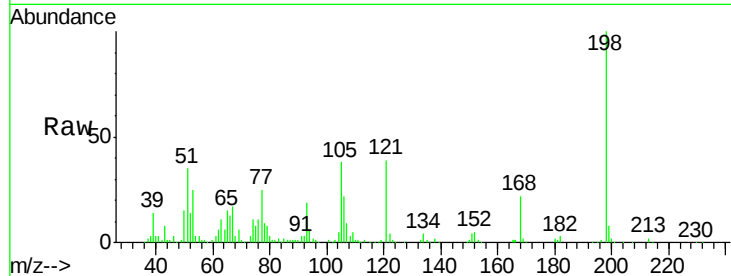
#65
4,6-Dinitro-2-methylphenol
Concen: 48.738 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	112280		
51	34.7	10.0	50.0	
105	37.9	18.9	58.9	

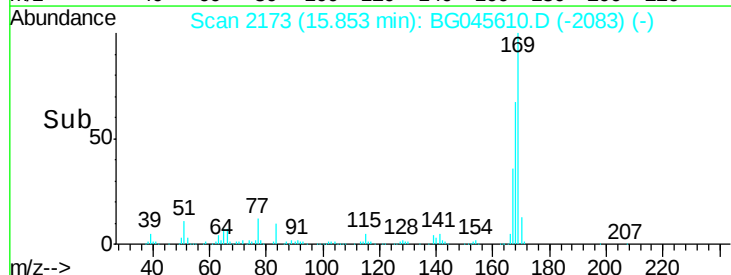
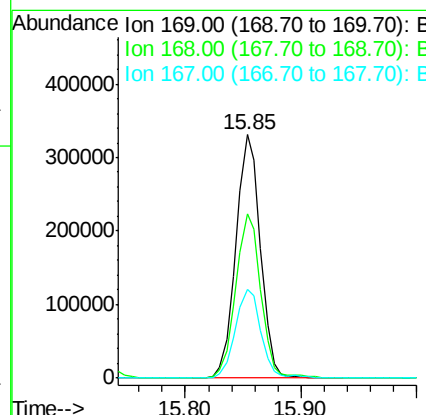
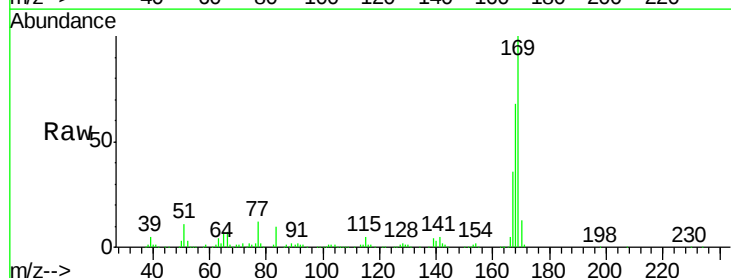
Manual Integrations
APPROVED

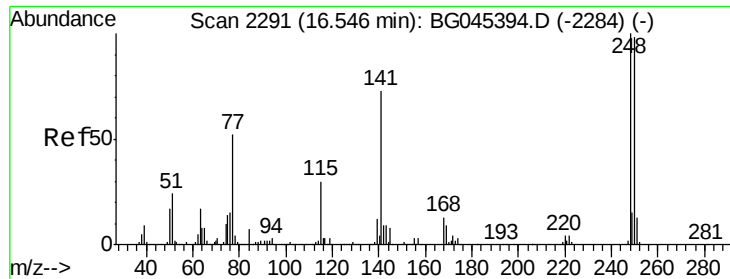
mohammad
6/5/2020 10:30:07 AM



#66
n-Nitrosodiphenylamine
Concen: 51.030 ng
RT: 15.85 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	484657		
168	67.6	57.8	86.6	
167	36.2	31.5	47.3	





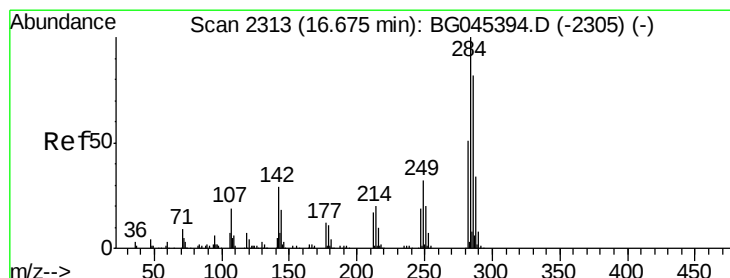
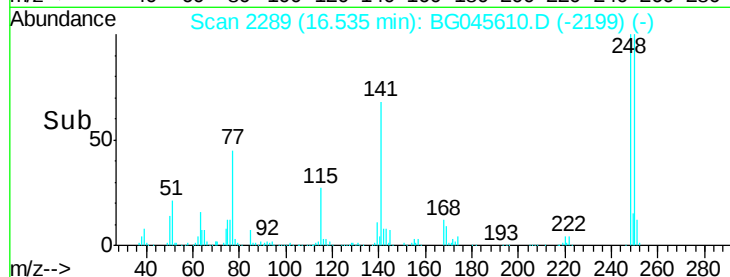
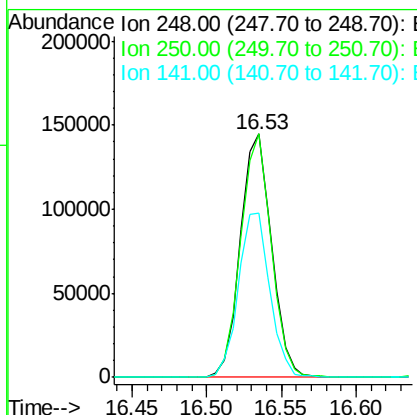
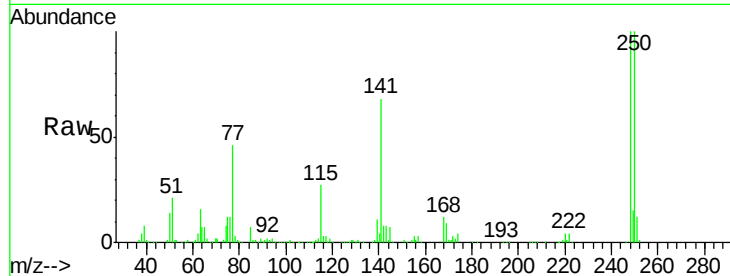
#67
4-Bromophenyl-phenylether
Concen: 48.901 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.0	78.6	117.8
141	67.7	58.2	87.2

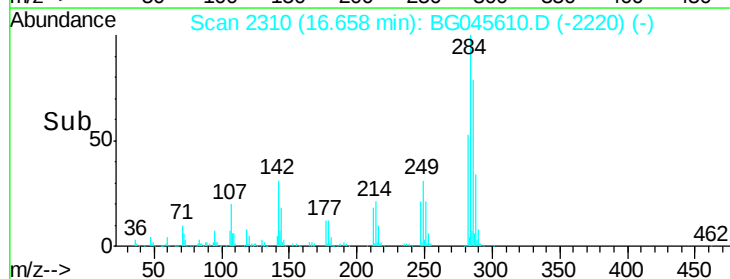
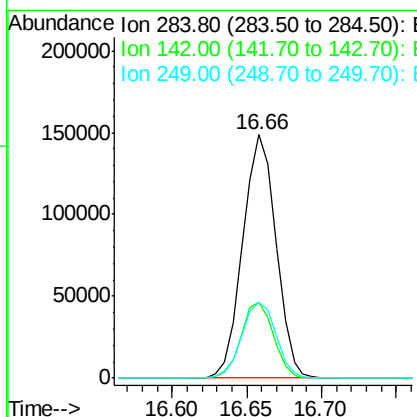
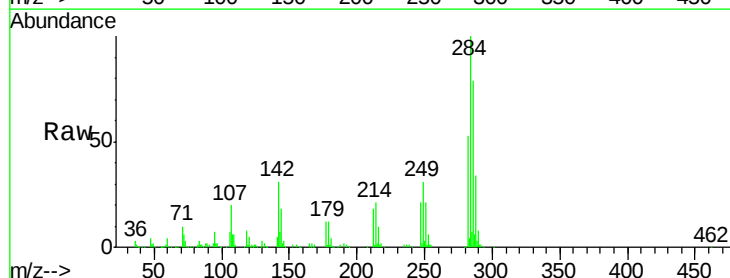
Manual Integrations
APPROVED

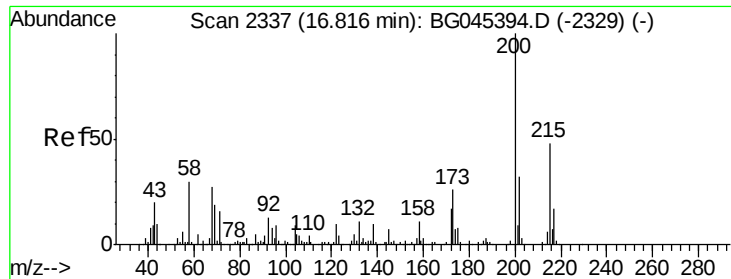
mohammad
6/5/2020 10:30:07 AM



#68
Hexachlorobenzene
Concen: 51.045 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	23.0	34.6
249	31.2	25.8	38.6





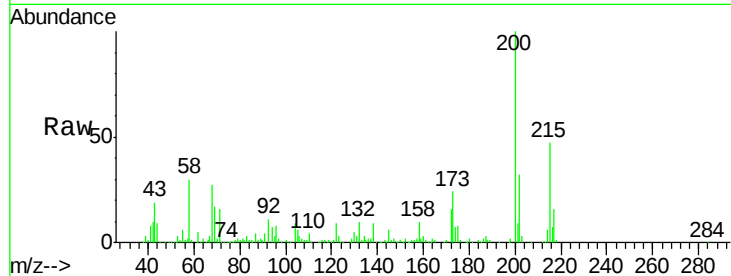
#69
Atrazine
Concen: 47.263 ng
RT: 16.81 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	184889		
173	23.9	5.5	45.5	
215	47.0	28.2	68.2	

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM

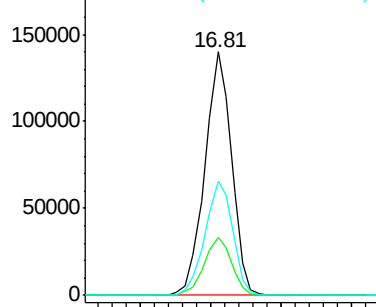


Abundance

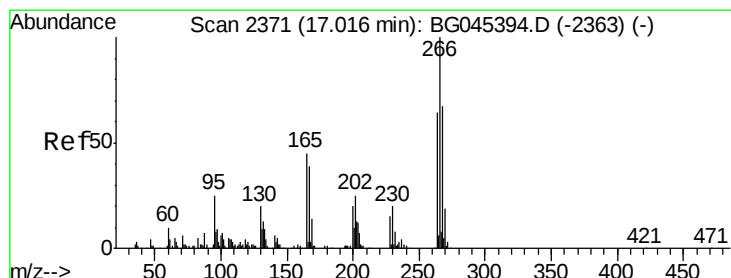
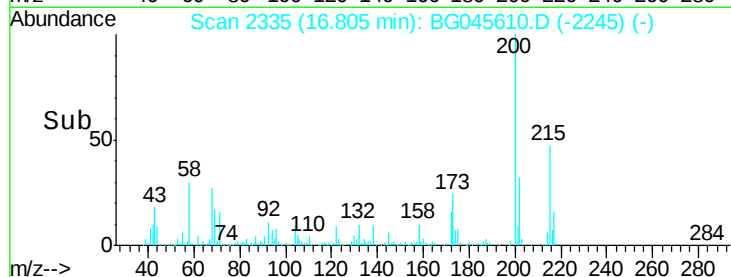
Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

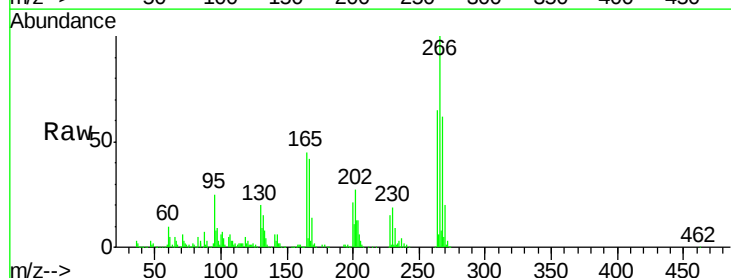


Time-->



#70
Pentachlorophenol
Concen: 101.881 ng
RT: 17.00 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	236994		
268	62.3	53.2	79.8	
264	64.9	51.0	76.4	

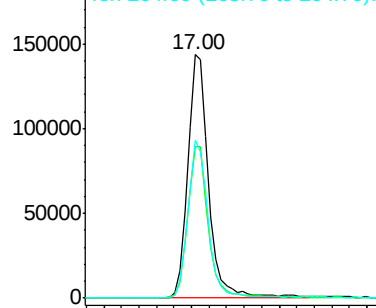


Abundance

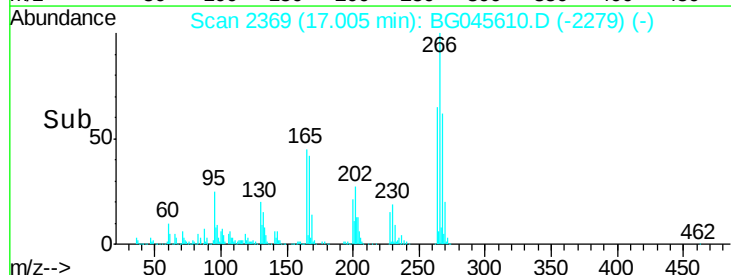
Ion 265.70 (265.40 to 266.40): E

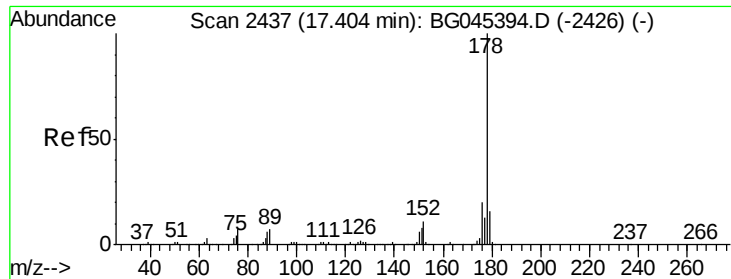
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->





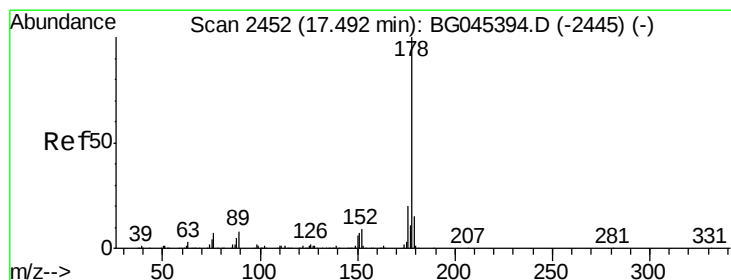
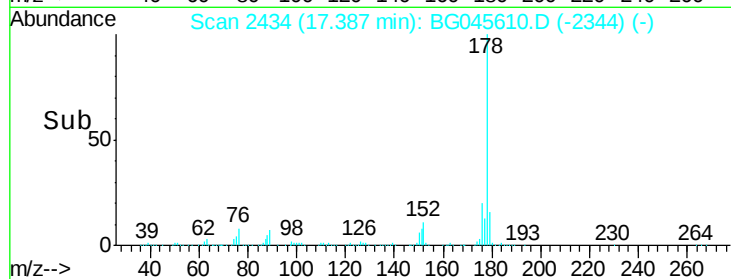
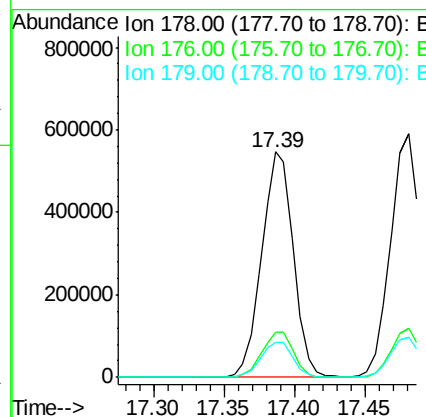
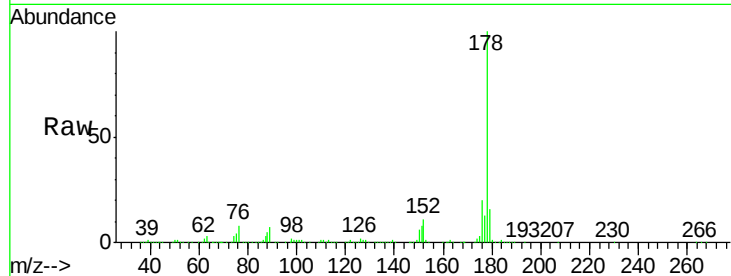
#71
Phenanthrene
Concen: 49.824 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.7	13.1	19.7

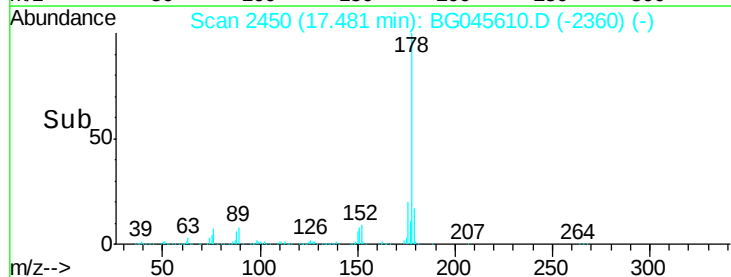
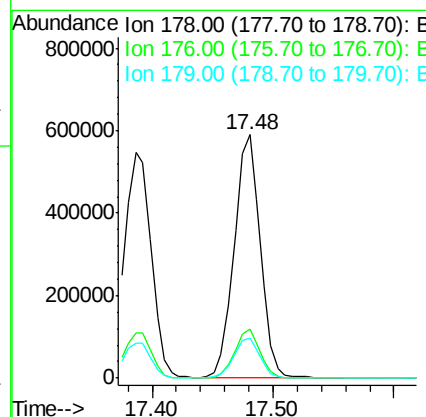
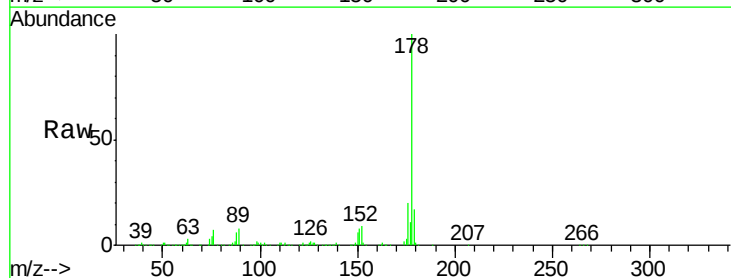
Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#72
Anthracene
Concen: 50.956 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.7	12.2	18.4





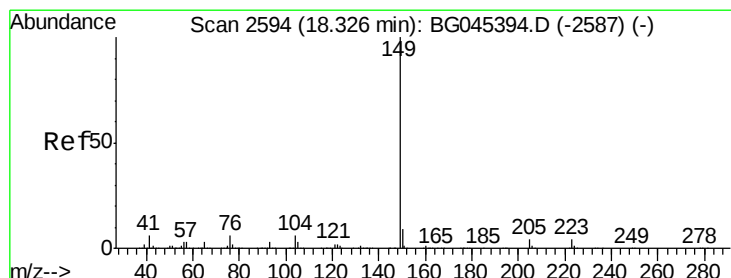
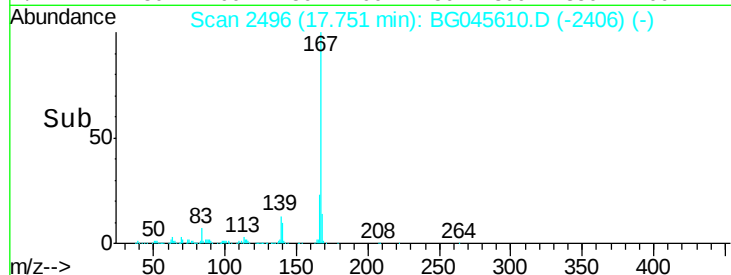
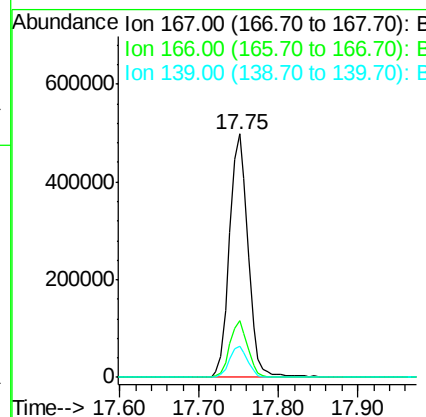
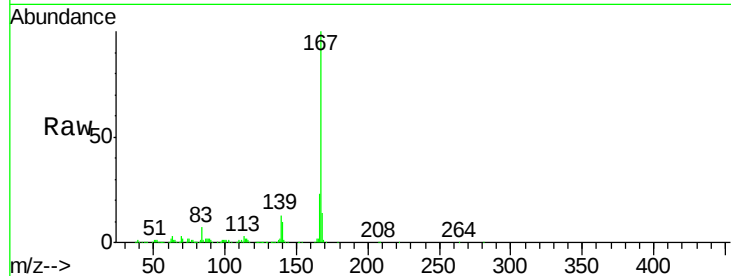
#73
 Carbazole
 Concen: 47.887 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045610.D
 Acq: 4 Jun 2020 18:19

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.2	28.8
139	12.6	10.6	16.0

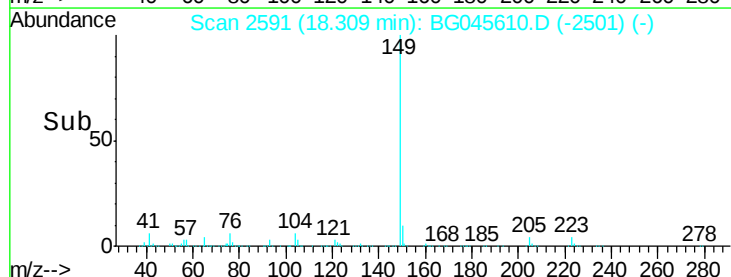
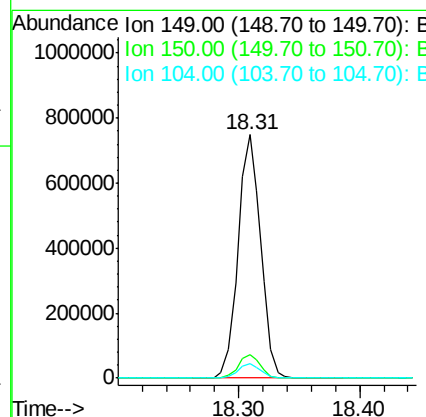
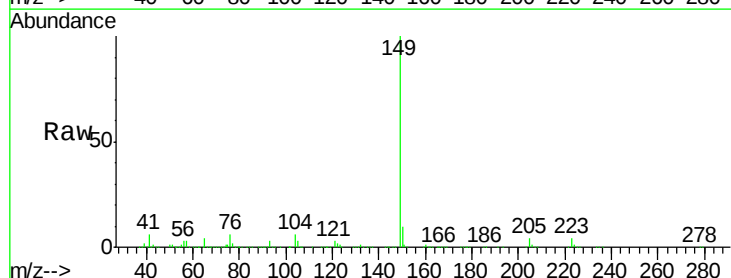
Manual Integrations
 APPROVED

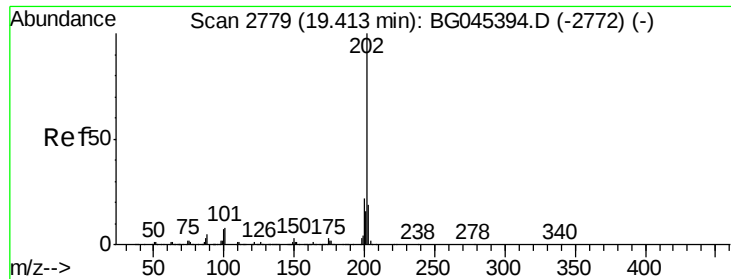
mohammad
 6/5/2020 10:30:07 AM



#74
 Di-n-butylphthalate
 Concen: 47.916 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045610.D
 Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.1	5.0	7.4





#75

Fluoranthene

Concen: 48.510 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

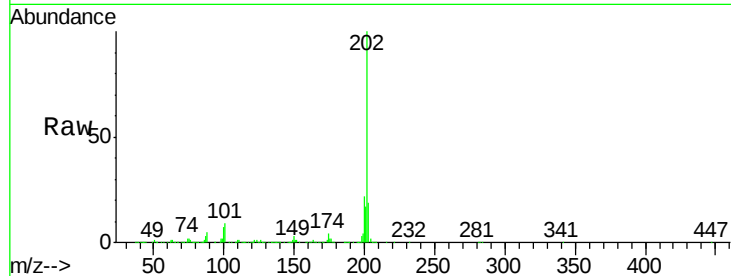
ClientSampleId :

WARREN-TPMSD

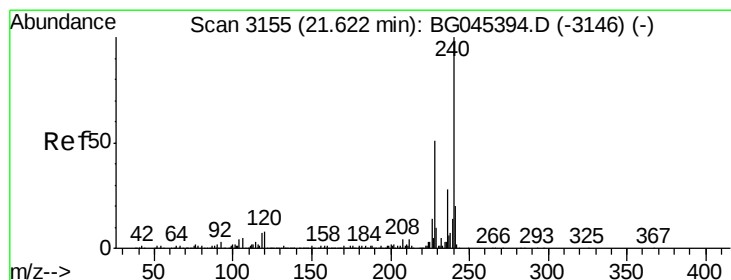
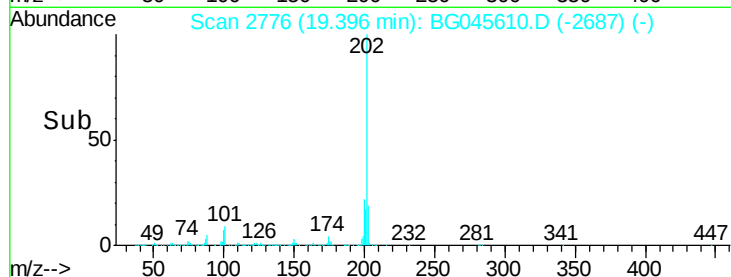
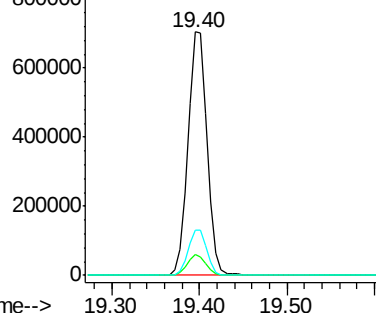
Tot Ion:	202	Resp:	1065511
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	28.3
203	18.6	0.0	39.0

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

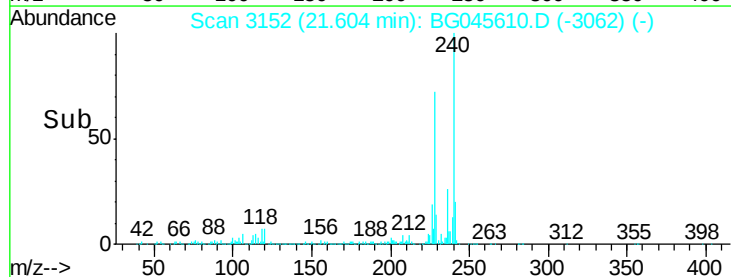
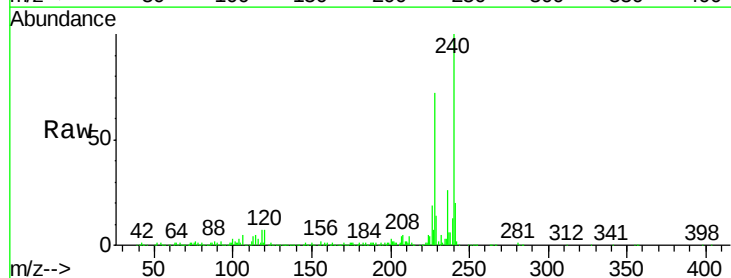
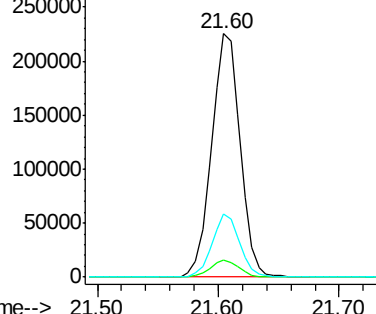
Delta R.T. 0.00 min

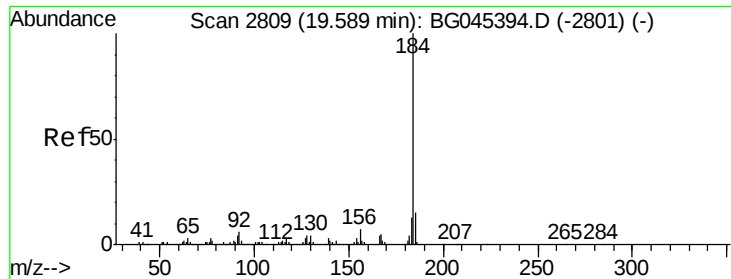
Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Tgt Ion:	240	Resp:	371979
Ion Ratio	Lower	Upper	
240	100		
120	6.9	6.1	9.1
236	26.0	22.3	33.5

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





#77

Benzidine

Concen: 47.861 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

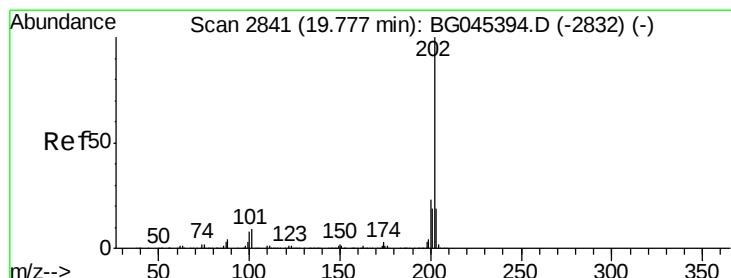
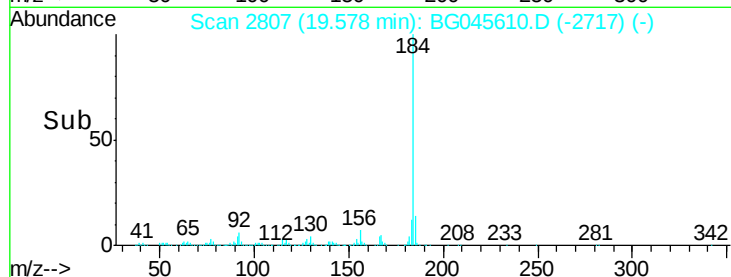
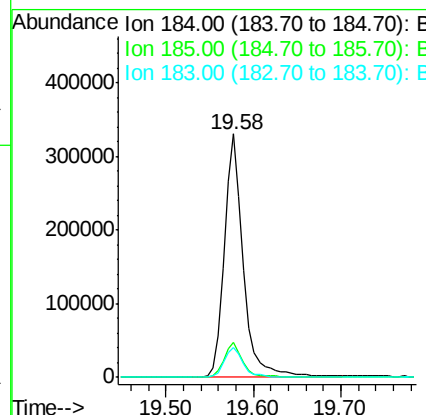
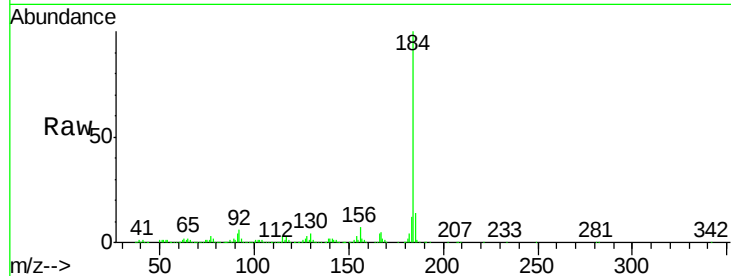
ClientSampleId :

WARREN-TPMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.7	17.5
183	12.3	10.2	15.4

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



#78

Pyrene

Concen: 49.988 ng

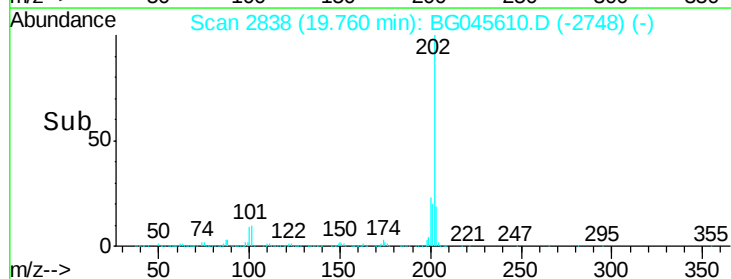
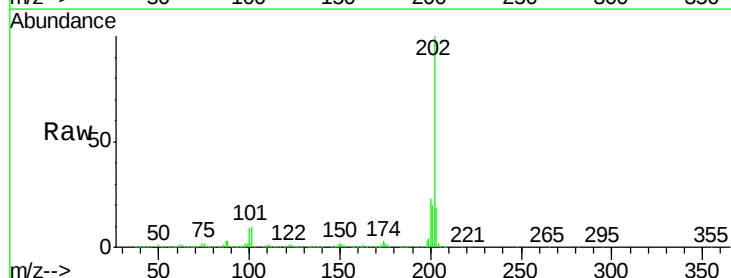
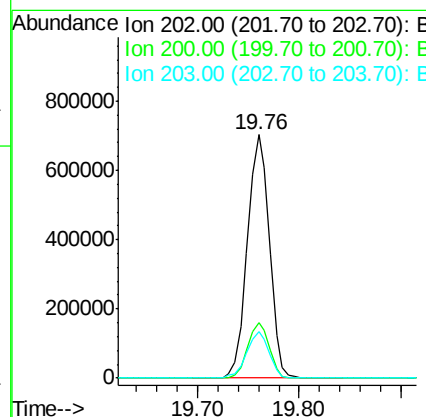
RT: 19.76 min Scan# 2838

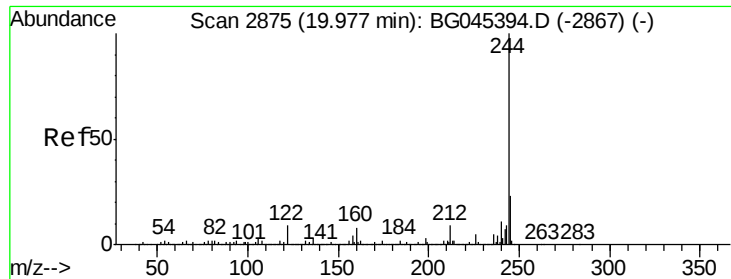
Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.2	27.2
203	19.3	15.1	22.7





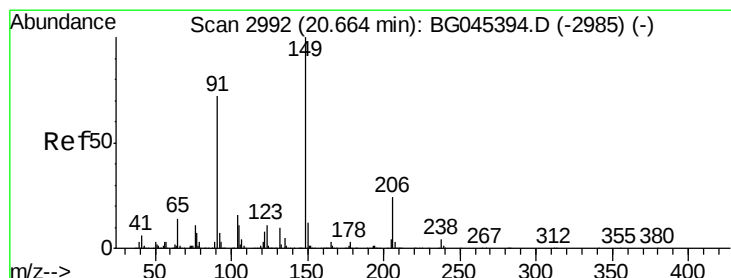
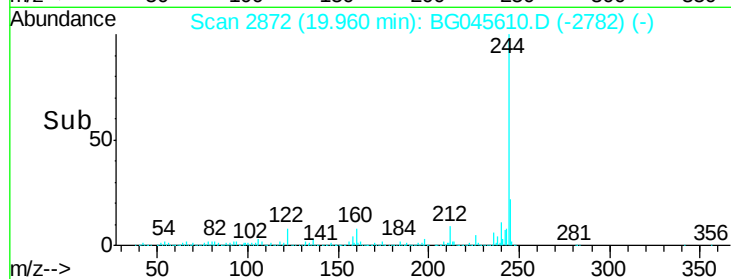
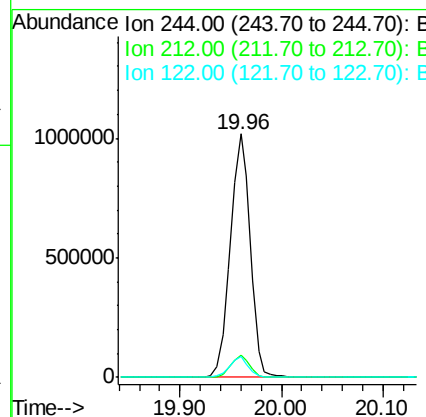
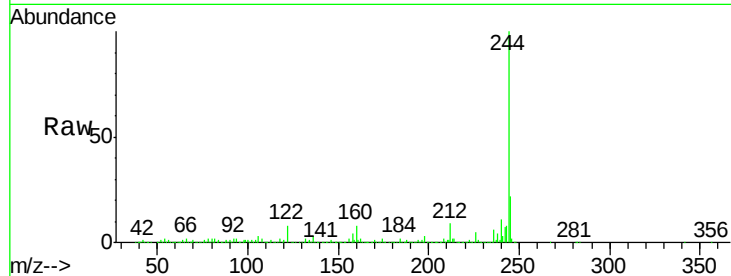
#79
 Terphenyl-d14
 Concen: 87.001 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BG045610.D
 Acq: 4 Jun 2020 18:19

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMSD

Tot Ion:244 Resp: 1387587
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.4 11.0
 122 8.4 6.8 10.2

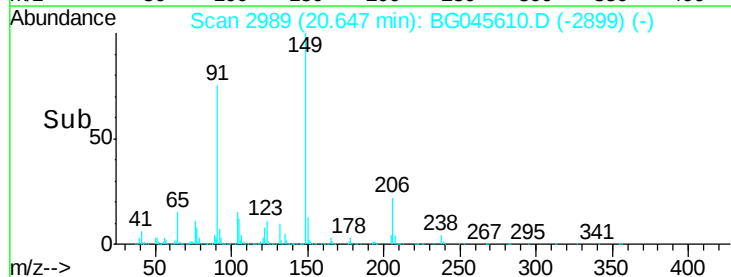
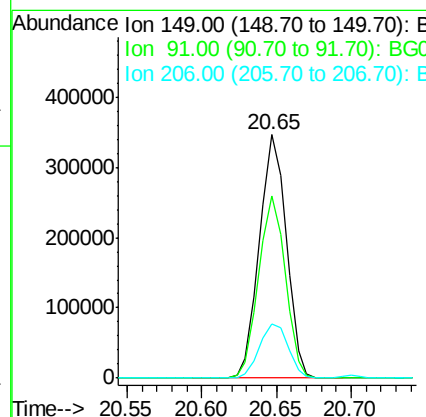
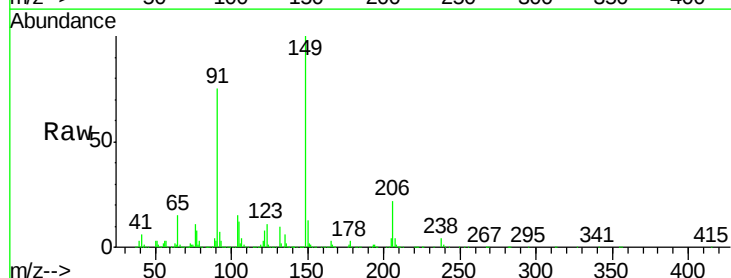
Manual Integrations
 APPROVED

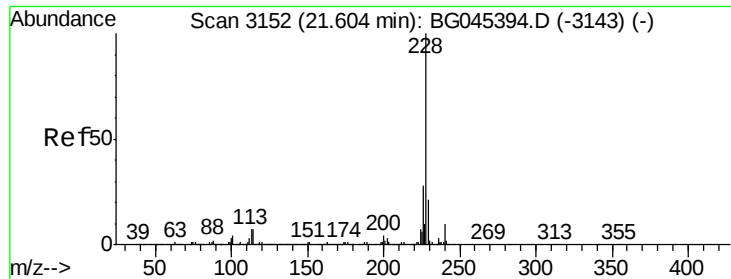
mohammad
 6/5/2020 10:30:07 AM



#80
 Butylbenzylphthalate
 Concen: 47.217 ng
 RT: 20.65 min Scan# 2989
 Delta R.T. 0.00 min
 Lab File: BG045610.D
 Acq: 4 Jun 2020 18:19

Tgt Ion:149 Resp: 432157
 Ion Ratio Lower Upper
 149 100
 91 75.0 57.8 86.6
 206 22.1 19.1 28.7





#81

Benzo(a)anthracene

Concen: 49.438 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMSD

Tot Ion:228 Resp: 1024449

Ion Ratio Lower Upper

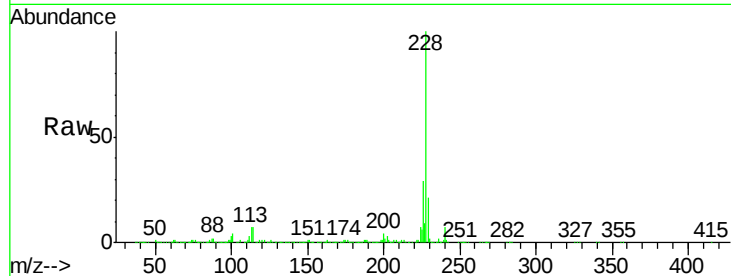
228 100

226 28.7 22.7 34.1

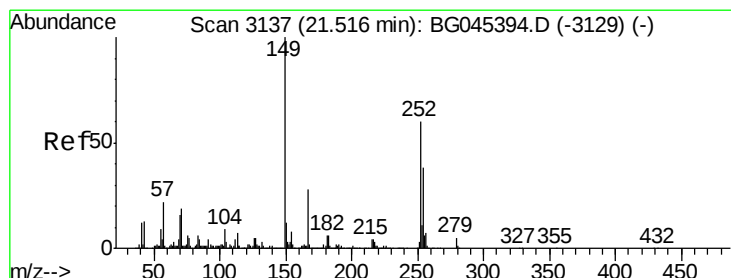
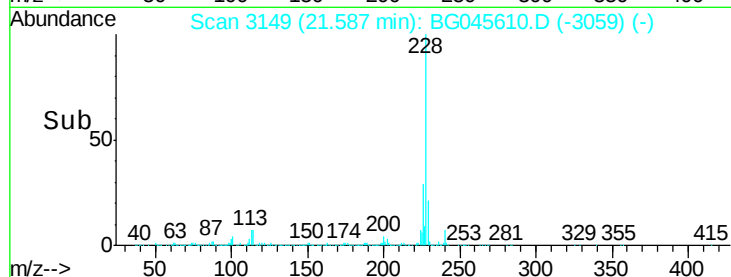
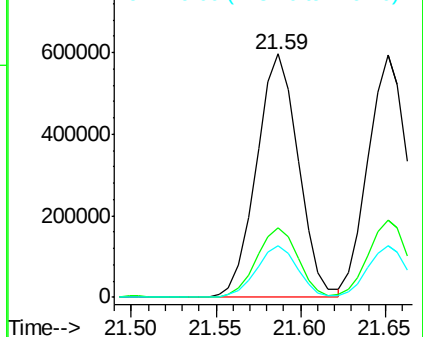
229 21.1 16.7 25.1

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



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



#82

3,3'-Dichlorobenzidine

Concen: 33.758 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

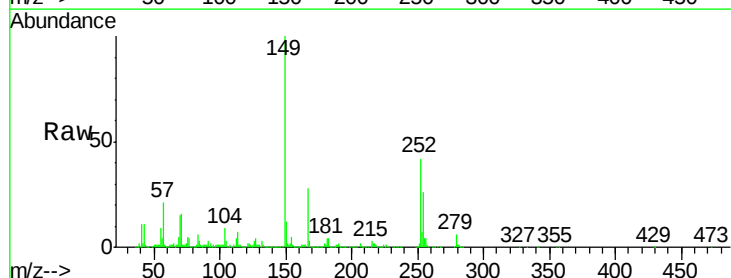
Tgt Ion:252 Resp: 274400

Ion Ratio Lower Upper

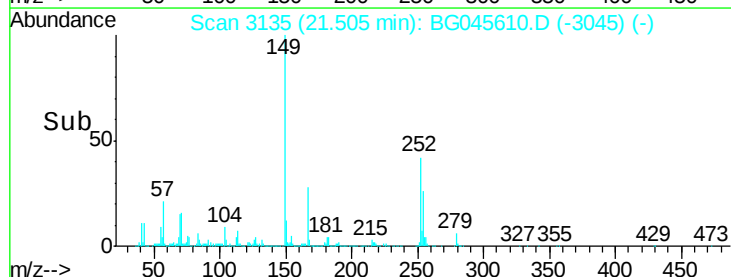
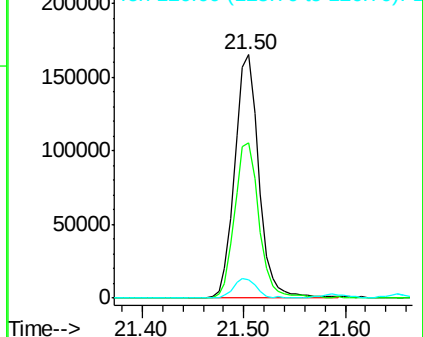
252 100

254 63.7 51.3 76.9

126 7.5 6.6 10.0



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





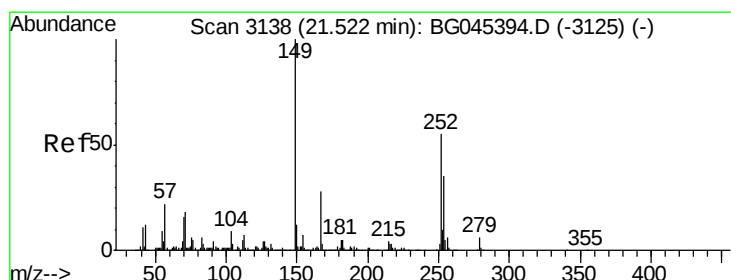
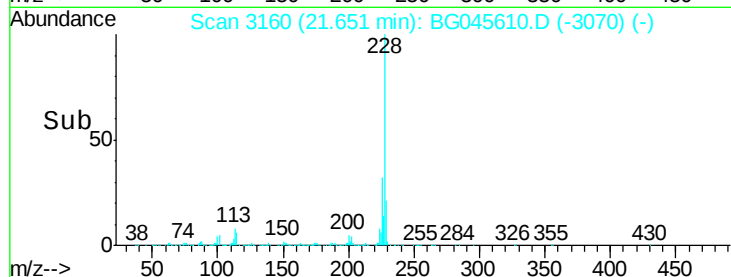
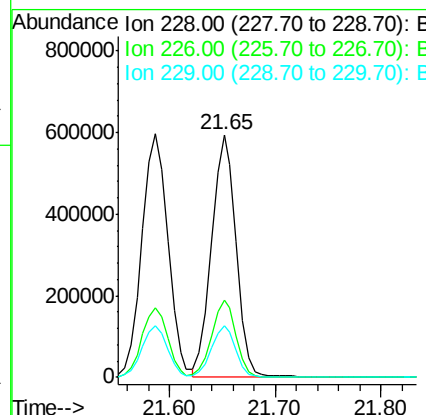
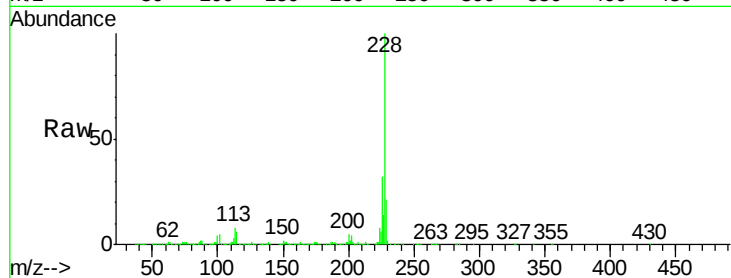
#83
Chrysene
Concen: 48.241 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.2	37.8
229	21.4	16.7	25.1

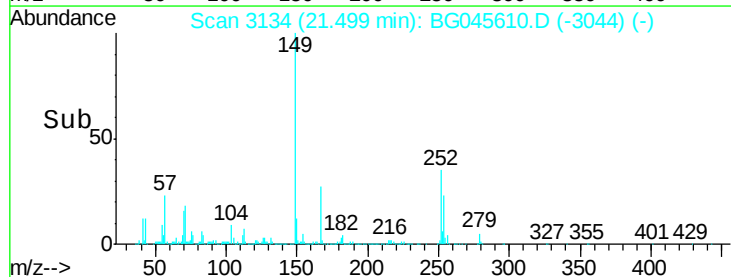
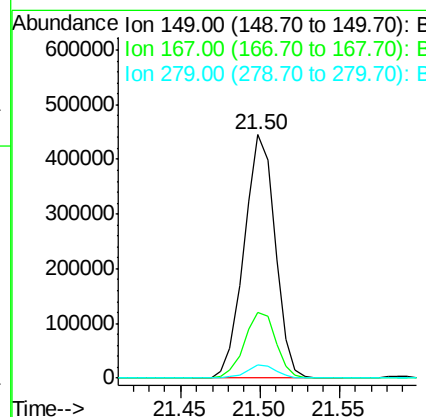
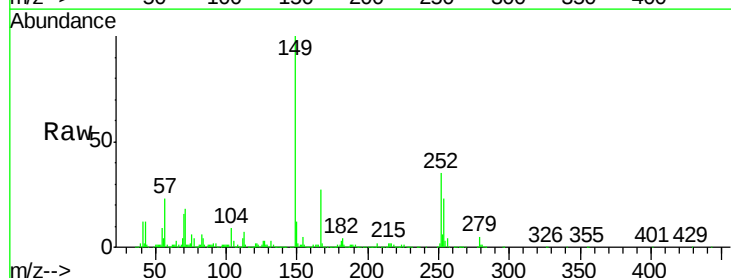
Manual Integrations
APPROVED

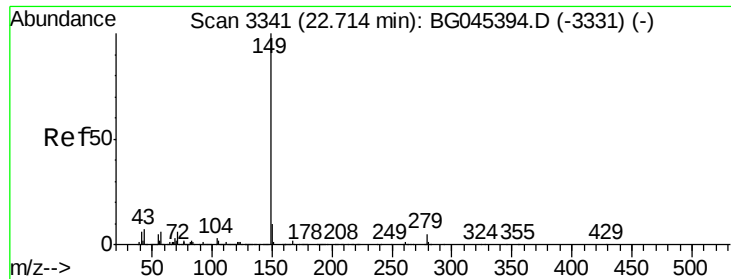
mohammad
6/5/2020 10:30:07 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.954 ng
RT: 21.50 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.2	33.2
279	5.2	4.7	7.1





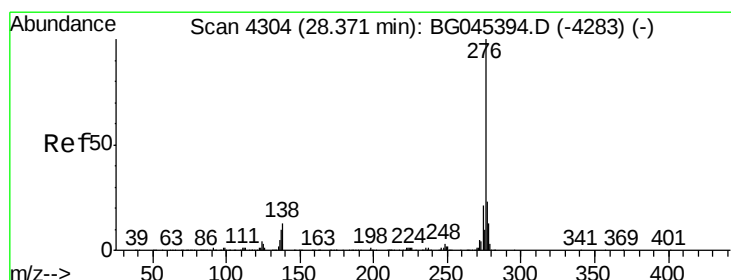
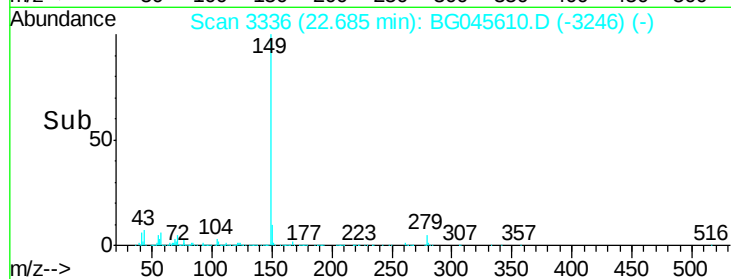
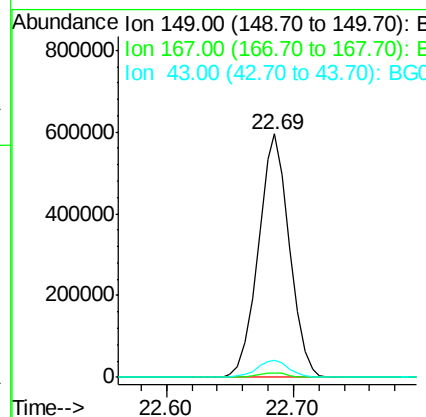
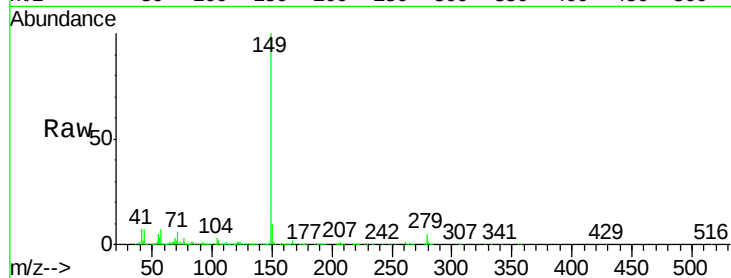
#85
Di-n-octyl phthalate
Concen: 46.682 ng
RT: 22.69 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.2	5.8	8.8

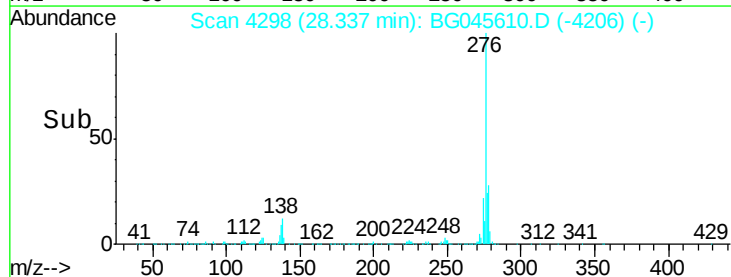
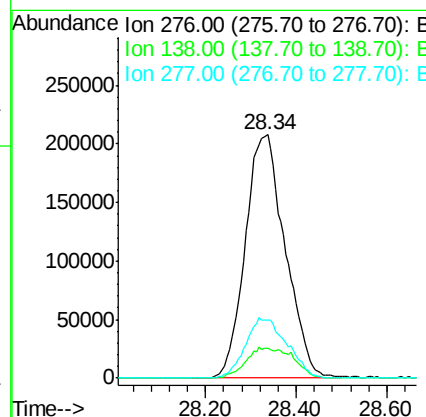
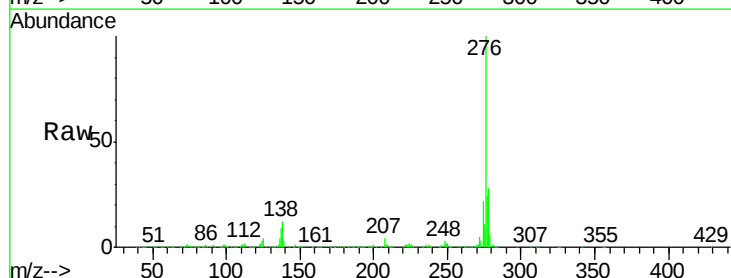
Manual Integrations
APPROVED

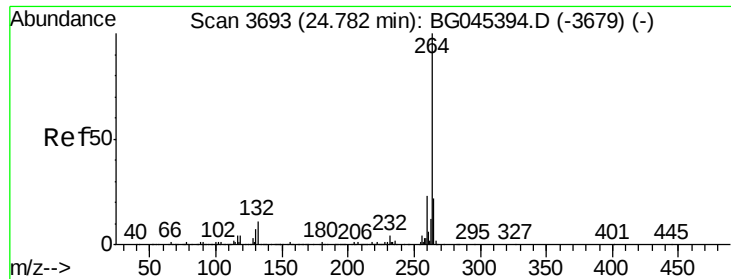
mohammad
6/5/2020 10:30:07 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.679 ng
RT: 28.34 min Scan# 4298
Delta R.T. 0.01 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.3	8.6	12.8#
277	25.7	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

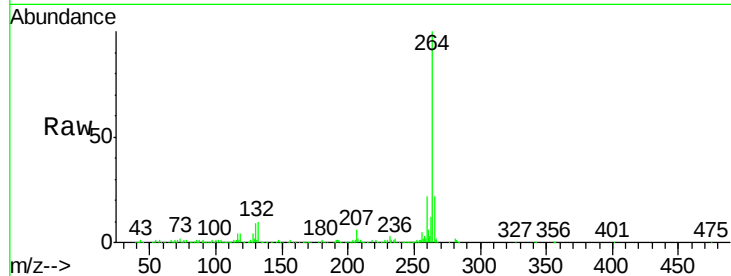
ClientSampleId :

WARREN-TPMSD

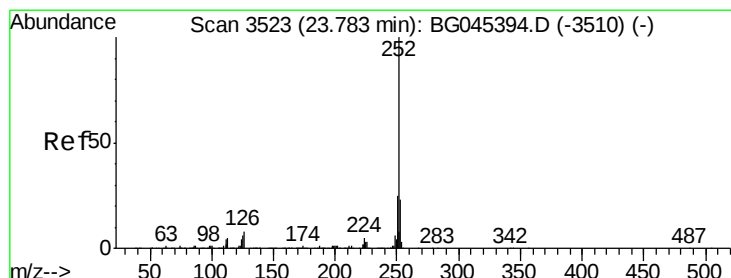
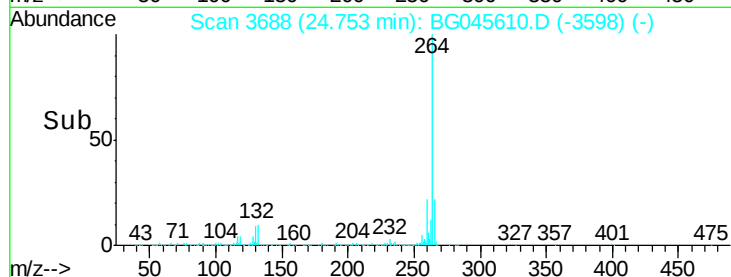
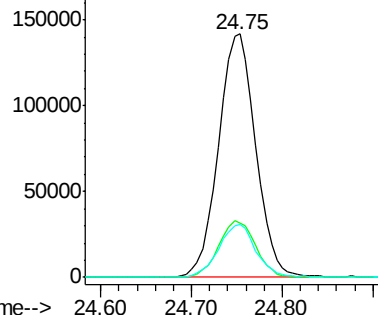
Tot Ion:	264	Resp:	403075
Ion Ratio		Lower	Upper
264	100		
260	22.3	18.2	27.4
265	21.9	17.6	26.4

Manual Integrations
APPROVED

mohammad
6/5/2020 10:30:07 AM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.272 ng

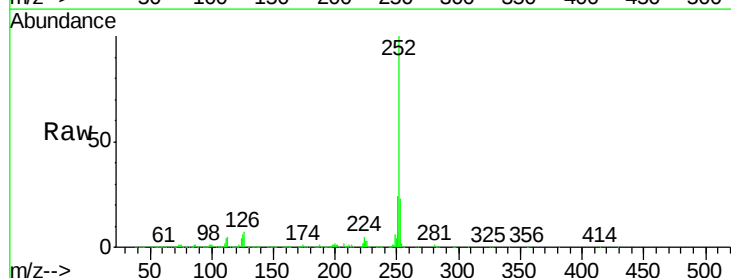
RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

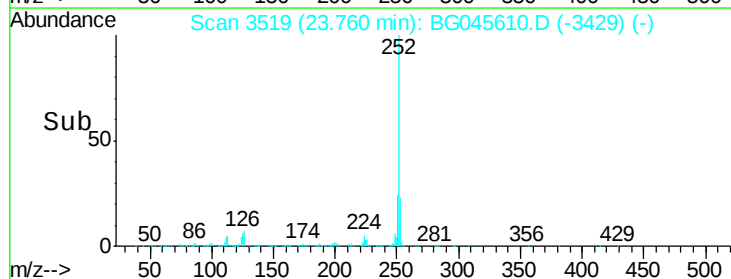
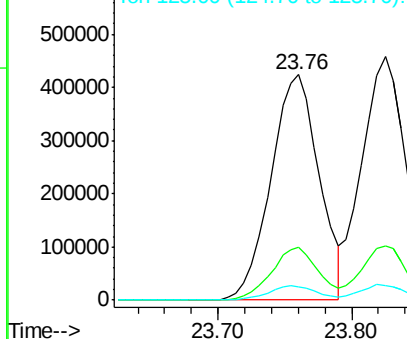
Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Tgt Ion:	252	Resp:	1065130
Ion Ratio		Lower	Upper
252	100		
253	23.2	18.1	27.1
125	6.1	5.0	7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





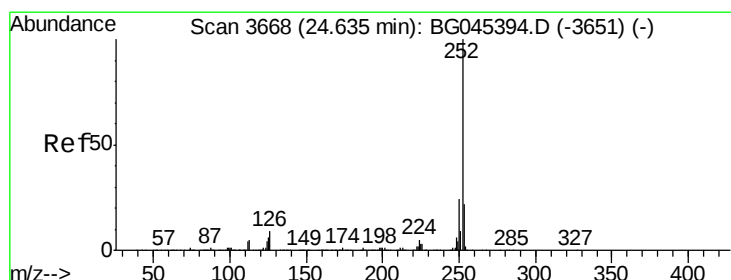
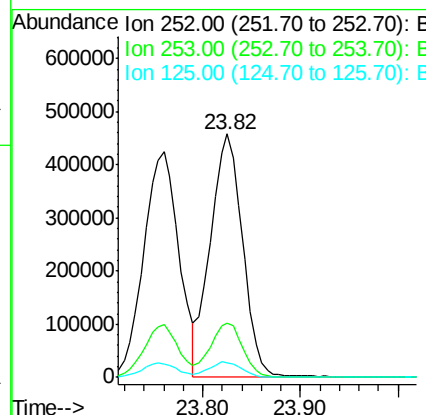
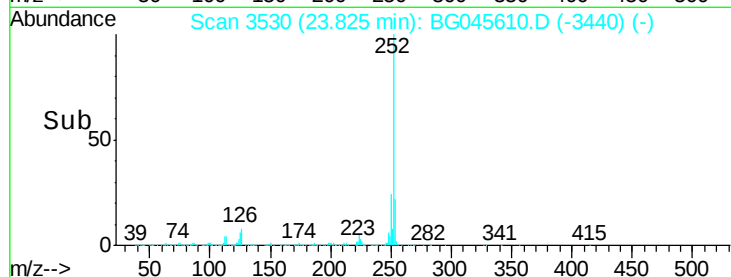
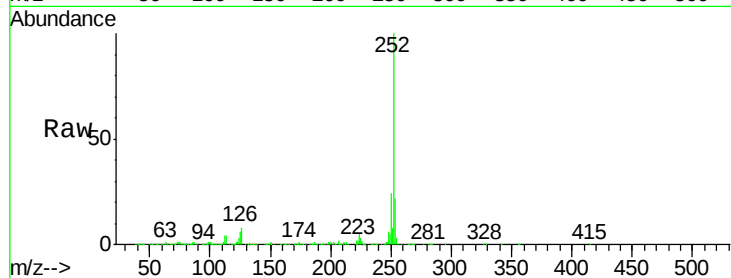
#89
Benzo(k)fluoranthene
Concen: 51.318 ng
RT: 23.82 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	6.1	5.7	8.5

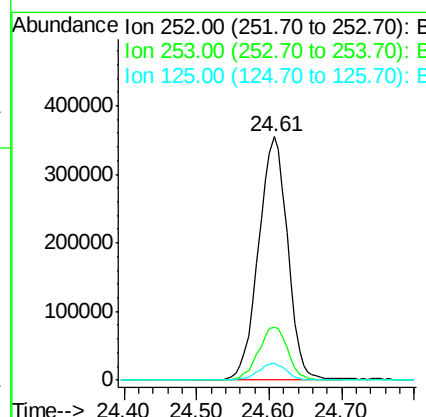
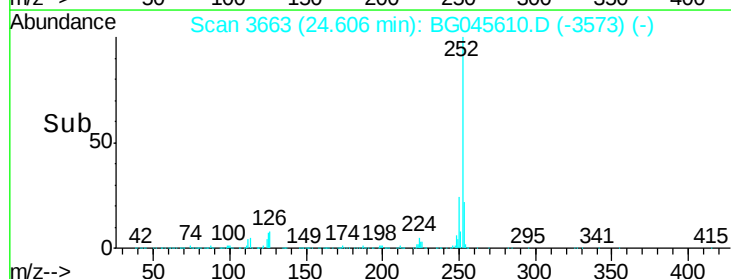
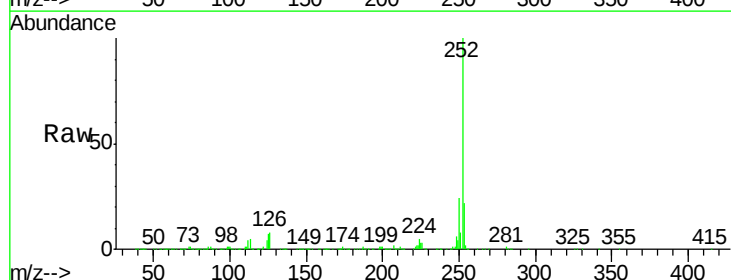
Manual Integrations
APPROVED

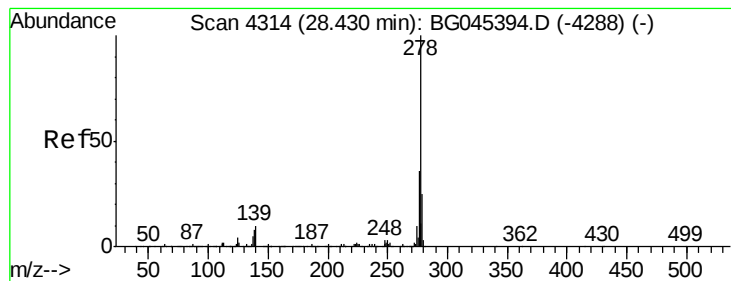
mohammad
6/5/2020 10:30:07 AM



#90
Benzo(a)pyrene
Concen: 48.942 ng
RT: 24.61 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BG045610.D
Acq: 4 Jun 2020 18:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	6.8	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 51.416 ng

RT: 28.38 min Scan# 4306

Delta R.T. -0.00 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMSD

Tot Ion:278 Resp: 1040225

Ion Ratio Lower Upper

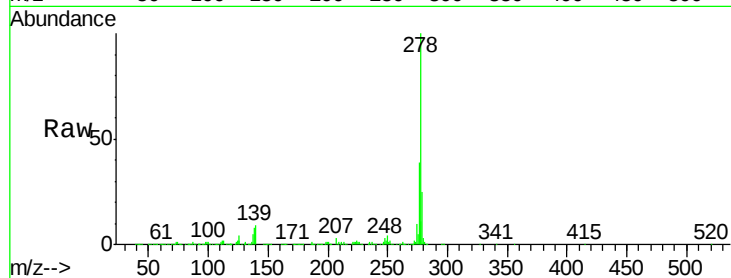
278 100

139 9.4 7.8 11.8

279 24.8 19.8 29.8

Manual Integrations
APPROVED

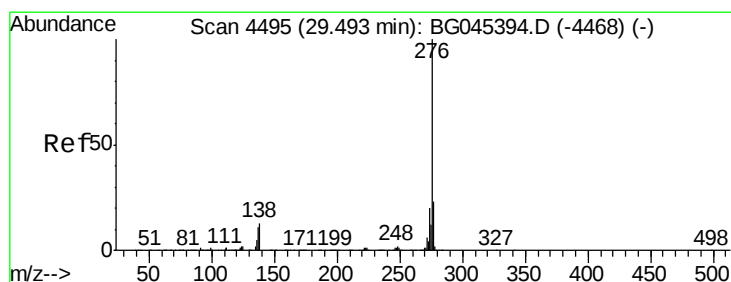
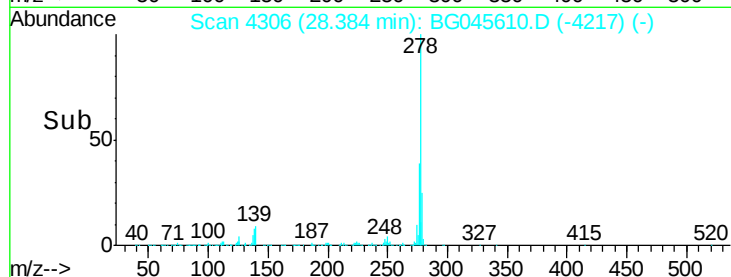
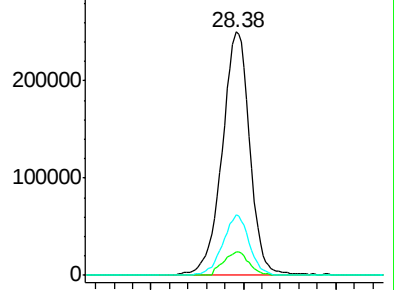
mohammad
6/5/2020 10:30:07 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.500 ng

RT: 29.45 min Scan# 4487

Delta R.T. 0.01 min

Lab File: BG045610.D

Acq: 4 Jun 2020 18:19

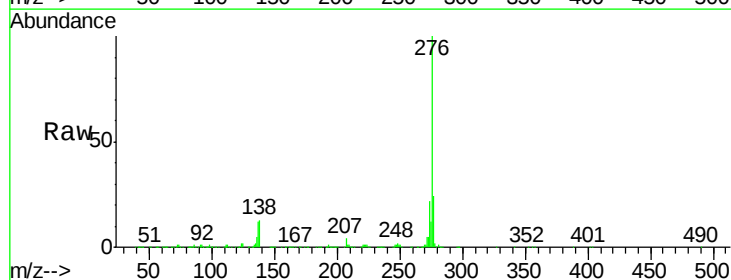
Tgt Ion:276 Resp: 1062291

Ion Ratio Lower Upper

276 100

277 24.2 18.1 27.1

138 13.0 10.2 15.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

