

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
 Data File : BG045677.D
 Acq On : 10 Jun 2020 2:35
 Operator : CG/JU
 Sample : L2886-03MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GENMS

Manual Integrations
 APPROVED

mohammad
 6/10/2020 11:50:22 AM

Quant Time: Jun 10 06:18:56 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	68669	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	264607	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	187089	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	427336	20.00	ng	0.00
76) Chrysene-d12	21.60	240	391455	20.00	ng	0.00
87) Perylene-d12	24.74	264	432511	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	410749	116.90	ng	0.00
7) Phenol-d6	7.14	99	520259	104.03	ng	0.00
23) Nitrobenzene-d5	9.11	82	424430	87.47	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	309361	129.30	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	945603	85.73	ng	0.00
79) Terphenyl-d14	19.96	244	1545142	92.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	55784	32.02	ng	# 64
3) Pyridine	3.83	79	93641	19.30	ng	97
4) n-Nitrosodimethylamine	3.73	42	62084	39.10	ng	84
6) Aniline	7.27	93	137007	20.99	ng	96
8) 2-Chlorophenol	7.52	128	161018	41.79	ng	99
9) Benzaldehyde	7.08	77	81243	24.93	ng	94
10) Phenol	7.17	94	179348	34.80	ng	95
11) bis(2-Chloroethyl)ether	7.37	93	155215	38.61	ng	98
12) 1,3-Dichlorobenzene	7.84	146	161391	34.85	ng	99
13) 1,4-Dichlorobenzene	7.98	146	164136	35.92	ng	98
14) 1,2-Dichlorobenzene	8.30	146	155442	35.37	ng	97
15) Benzyl Alcohol	8.20	79	173861	42.08	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	140333	36.77	ng	97
17) 2-Methylphenol	8.42	107	145006	37.59	ng	99
18) Hexachloroethane	9.03	117	62645	35.79	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	141790	41.00	ng	99
20) 3+4-Methylphenols	8.75	107	191153m	36.39	ng	
22) Acetophenone	8.77	105	253513	40.42	ng	95
24) Nitrobenzene	9.15	77	216304	41.61	ng	96
25) Isophorone	9.68	82	390351	40.85	ng	100
26) 2-Nitrophenol	9.86	139	94723	42.59	ng	97
27) 2,4-Dimethylphenol	9.95	122	151653	45.98	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	211249	42.15	ng	97
29) 2,4-Dichlorophenol	10.42	162	176205	45.24	ng	96
30) 1,2,4-Trichlorobenzene	10.62	180	183087	39.78	ng	97
31) Naphthalene	10.80	128	497268	40.33	ng	99
32) Benzoic acid	10.12	122	56847	30.07	ng	90
33) 4-Chloroaniline	10.92	127	45791	8.88	ng	96
34) Hexachlorobutadiene	11.09	225	125255	38.50	ng	97
35) Caprolactam	11.70	113	40829m	28.56	ng	
36) 4-Chloro-3-methylphenol	12.07	107	192242	43.80	ng	96
37) 2-Methylnaphthalene	12.41	142	379024	41.24	ng	96
38) 1-Methylnaphthalene	12.64	142	357825	41.22	ng	# 96
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	221644	42.41	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
 Data File : BG045677.D
 Acq On : 10 Jun 2020 2:35
 Operator : CG/JU
 Sample : L2886-03MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GENMS

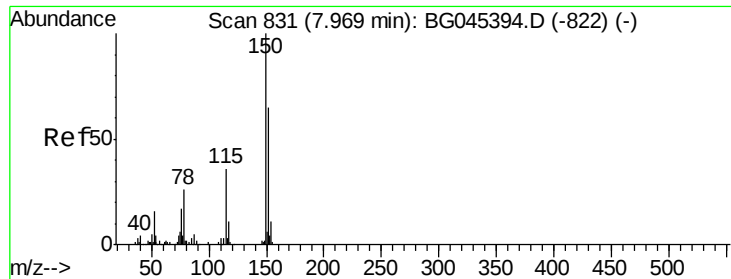
Manual Integrations
 APPROVED

mohammad
 6/10/2020 11:50:22 AM

Quant Time: Jun 10 06:18:56 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	12.77	237	226696	75.16	ng	97
43) 2,4,6-Trichlorophenol	13.04	196	151470	41.73	ng	99
44) 2,4,5-Trichlorophenol	13.12	196	155553	37.50	ng	98
46) 1,1'-Biphenyl	13.42	154	491244	42.73	ng	99
47) 2-Chloronaphthalene	13.47	162	374669	40.14	ng	99
48) 2-Nitroaniline	13.67	65	125237	40.78	ng	100
49) Acenaphthylene	14.32	152	624685	41.66	ng	98
50) Dimethylphthalate	14.05	163	638808	49.77	ng	99
51) 2,6-Dinitrotoluene	14.17	165	117362	40.53	ng	99
52) Acenaphthene	14.66	154	446914m	44.53	ng	
53) 3-Nitroaniline	14.50	138	60959	20.71	ng	95
54) 2,4-Dinitrophenol	14.71	184	113727	61.32	ng	96
55) Dibenzofuran	14.99	168	598444	40.15	ng	96
56) 4-Nitrophenol	14.85	139	127624	57.26	ng	84
57) 2,4-Dinitrotoluene	14.96	165	163432	38.97	ng	97
58) Fluorene	15.64	166	498203	40.69	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	150752	41.31	ng	98
60) Diethylphthalate	15.42	149	524981	39.30	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	279584	39.90	ng	99
62) 4-Nitroaniline	15.67	138	106015	34.49	ng	95
63) Azobenzene	15.93	77	519834	41.73	ng	97
65) 4,6-Dinitro-2-methylphenol	15.73	198	96026	38.58	ng	92
66) n-Nitrosodiphenylamine	15.85	169	449525	43.81	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	192989	41.71	ng	99
68) Hexachlorobenzene	16.65	284	209209	43.23	ng	97
69) Atrazine	16.80	200	168952	39.98	ng	99
70) Pentachlorophenol	17.00	266	193504	77.00	ng	98
71) Phenanthrene	17.38	178	793275	42.52	ng	100
72) Anthracene	17.48	178	812017	43.34	ng	99
73) Carbazole	17.75	167	725757	39.74	ng	98
74) Di-n-butylphthalate	18.31	149	886971	40.47	ng	99
75) Fluoranthene	19.39	202	958833	40.41	ng	100
77) Benzidine	19.57	184	181054	16.47	ng	98
78) Pyrene	19.76	202	959327	42.99	ng	99
80) Butylbenzylphthalate	20.64	149	383799	39.85	ng	99
81) Benzo(a)anthracene	21.58	228	924945	42.42	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	157153	18.37	ng	98
83) Chrysene	21.65	228	890905	42.49	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	532106	40.19	ng	100
85) Di-n-octyl phthalate	22.68	149	907713	39.92	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1147633	41.85	ng	98
88) Benzo(b)fluoranthene	23.75	252	969066	41.78	ng	99
89) Benzo(k)fluoranthene	23.82	252	965464m	44.30	ng	
90) Benzo(a)pyrene	24.60	252	890901	41.24	ng	96
91) Dibenzo(a,h)anthracene	28.37	278	943401	43.46	ng	98
92) Benzo(g,h,i)perylene	29.43	276	926385	42.67	ng	98

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



#1

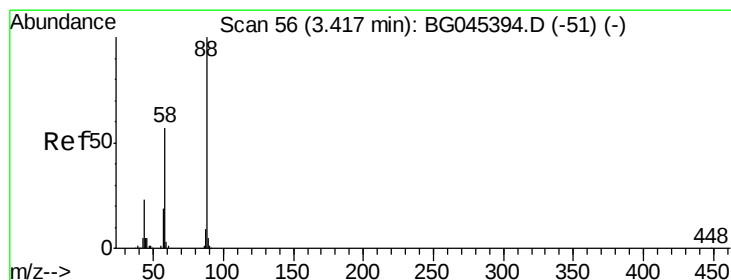
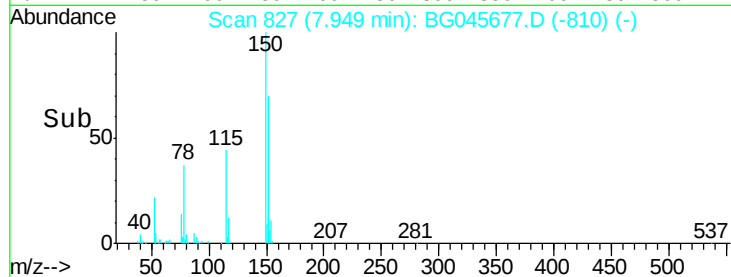
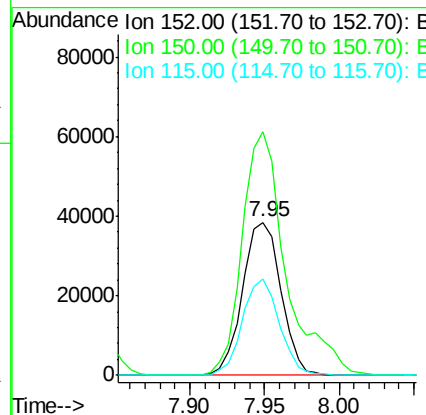
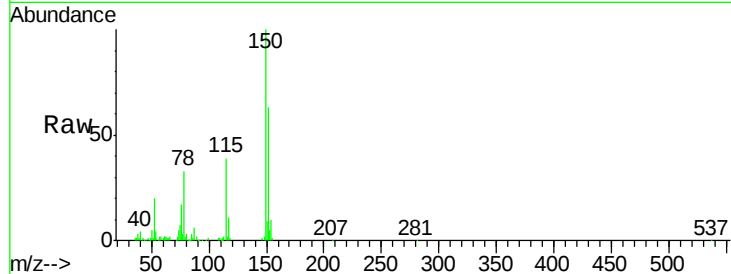
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.4	183.6
115	62.9	44.2	66.4

Manual Integrations
APPROVED

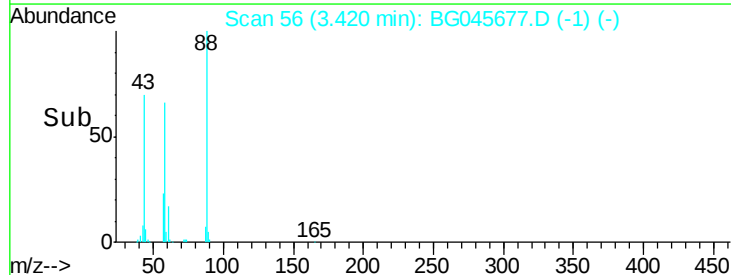
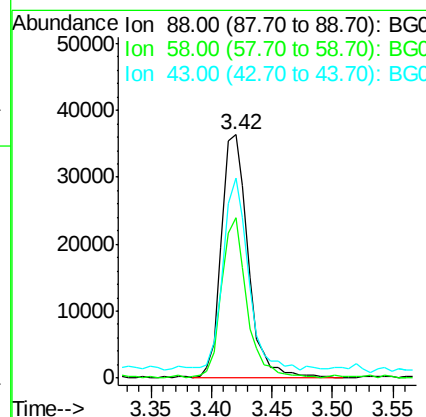
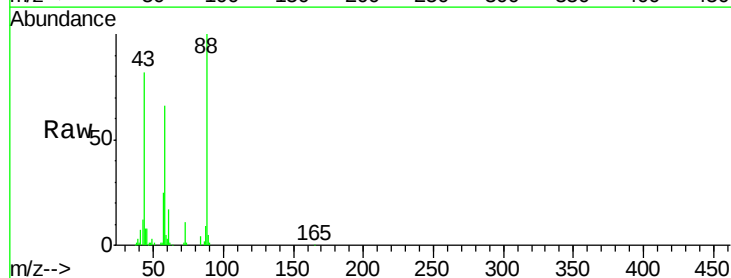
mohammad
6/10/2020 11:50:22 AM

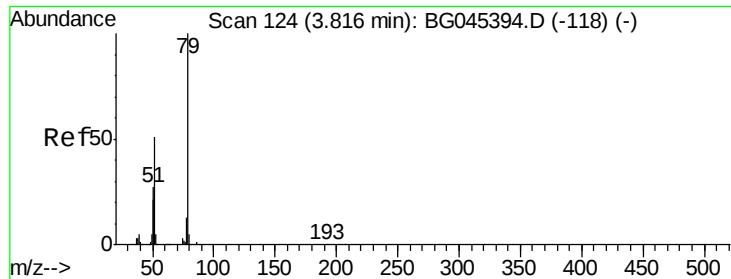


#2

1,4-Dioxane
Concen: 32.02 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.02 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	45.7	68.5
43	73.2	16.8	25.2





#3

Pyridine

Concen: 19.30 ng

RT: 3.83 min Scan# 125

Delta R.T. 0.02 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Instrument :

BNA_G

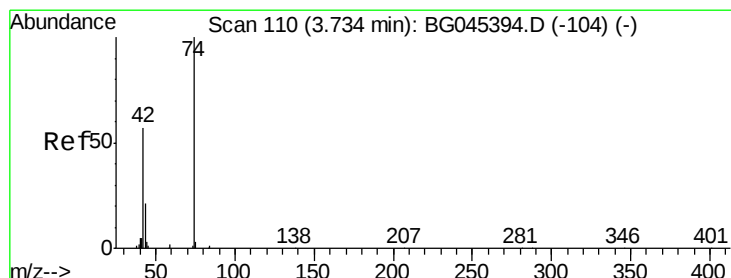
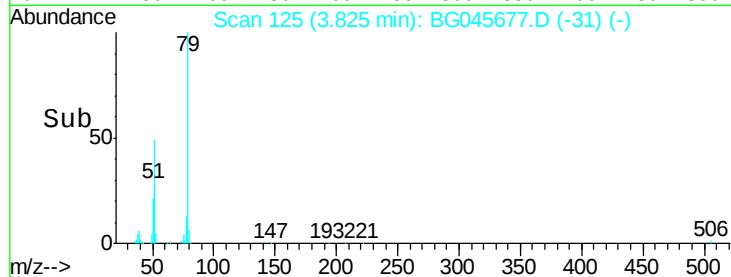
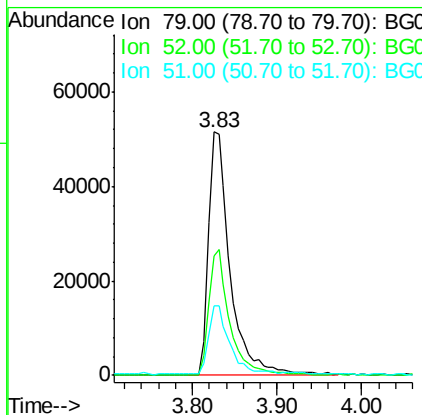
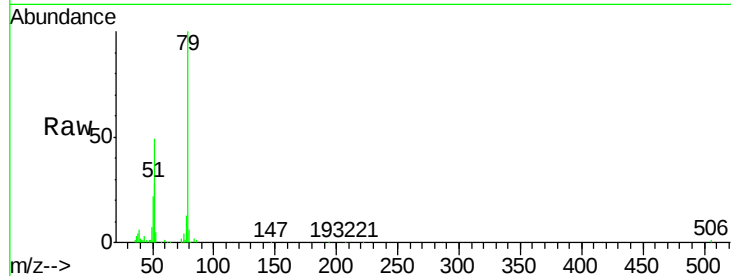
ClientSampleId :

GENMS

Tgt Ion:	79	Resp:	93641
Ion	Ratio	Lower	Upper
79	100		
52	48.9	40.8	61.2
51	28.4	21.9	32.9

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#4

n-Nitrosodimethylamine

Concen: 39.10 ng

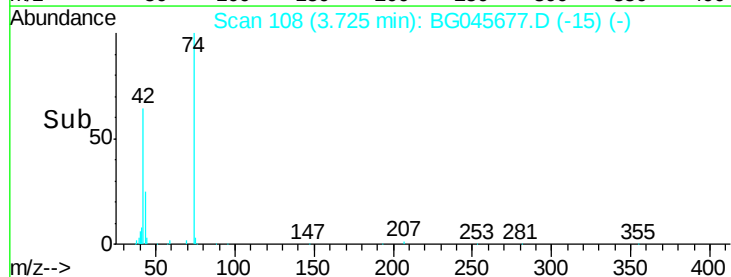
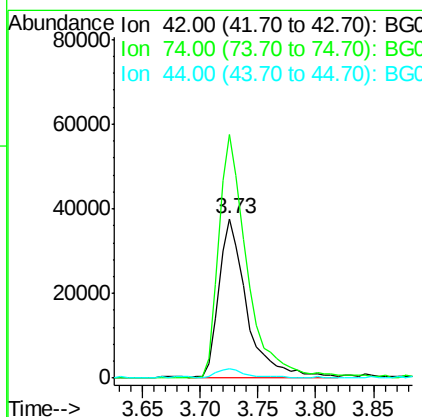
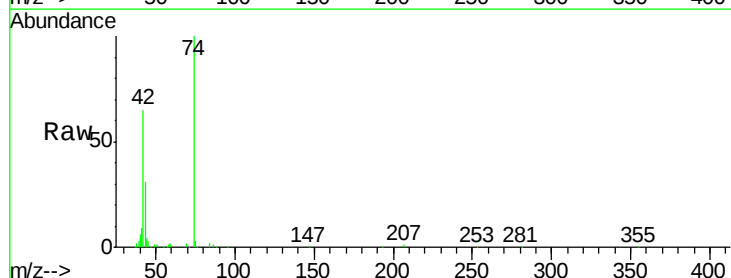
RT: 3.73 min Scan# 108

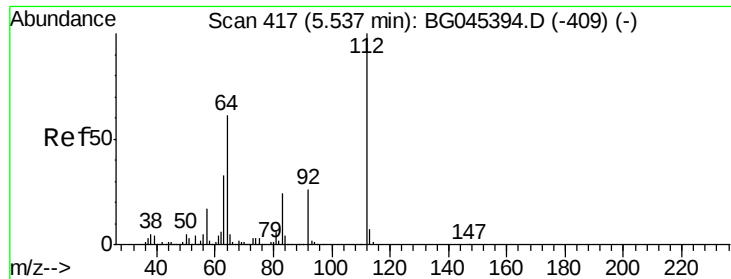
Delta R.T. 0.02 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Tgt Ion:	42	Resp:	62084
Ion	Ratio	Lower	Upper
42	100		
74	152.9	141.3	211.9
44	5.5	4.2	6.4





#5

2-Fluorophenol

Concen: 116.90 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Instrument :

BNA_G

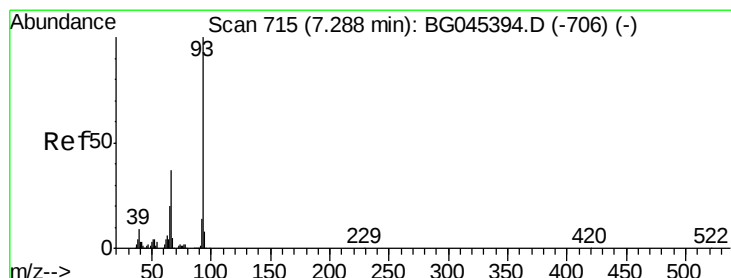
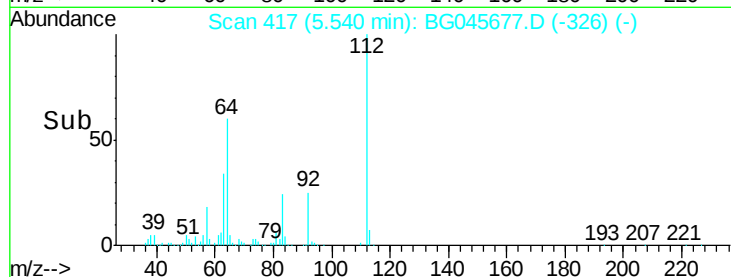
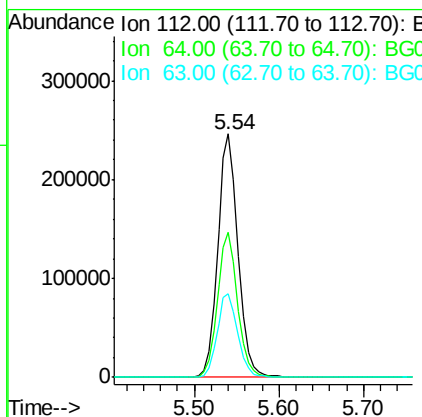
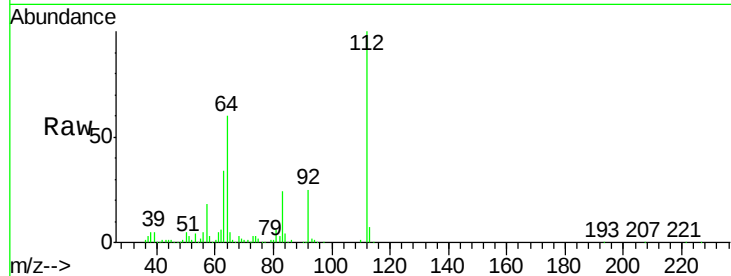
ClientSampleId :

GENMS

Tgt Ion:	112	Resp:	410749
Ion Ratio	Lower	Upper	
112	100		
64	59.6	48.6	72.8
63	34.4	26.5	39.7

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#6

Aniline

Concen: 20.99 ng

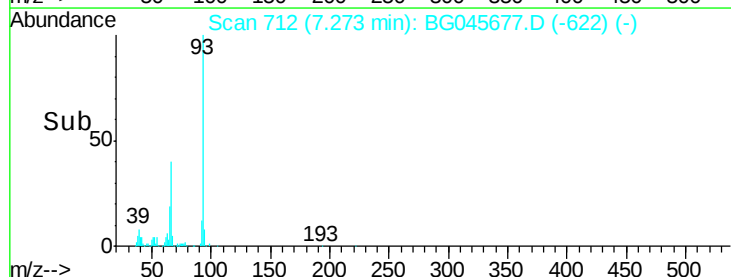
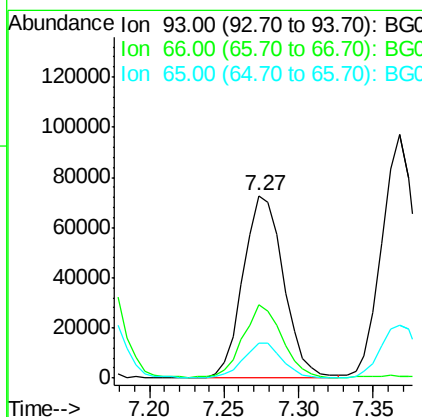
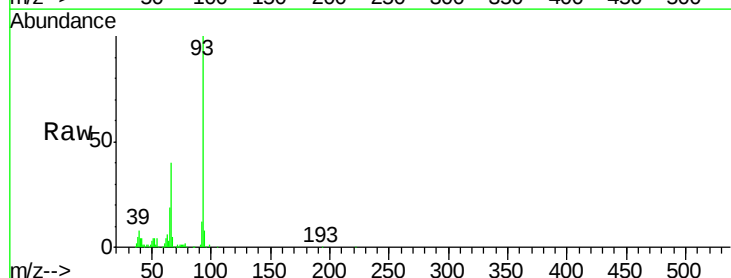
RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Tgt Ion:	93	Resp:	137007
Ion Ratio	Lower	Upper	
93	100		
66	40.0	29.6	44.4
65	19.2	15.9	23.9





#7

Phenol-d6

Concen: 104.03 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Instrument :

BNA_G

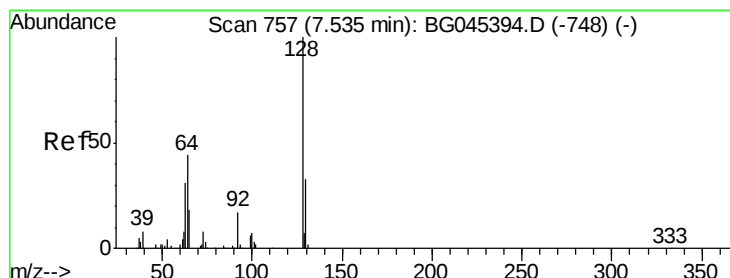
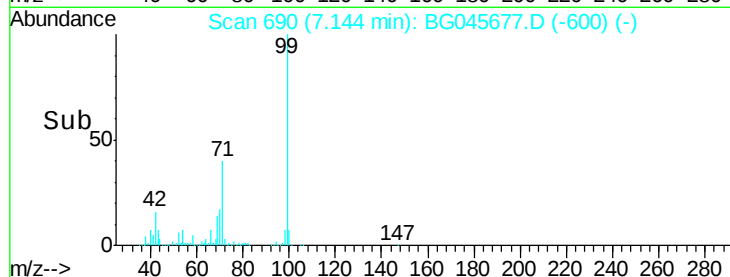
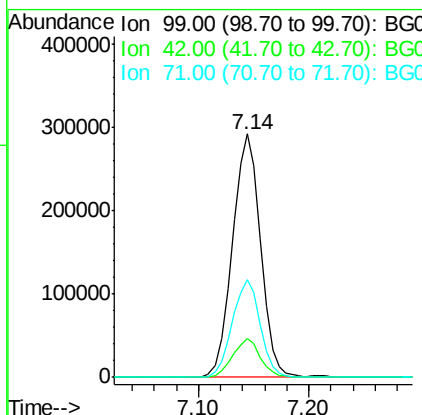
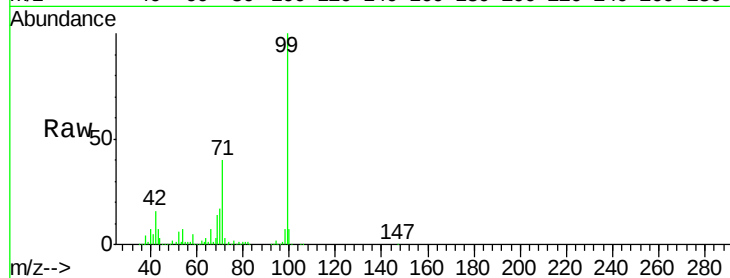
ClientSampleId :

GENMS

Tgt Ion:	99	Resp:	520259
Ion Ratio	Lower	Upper	
99	100		
42	16.1	11.3	16.9
71	40.2	30.8	46.2

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#8

2-Chlorophenol

Concen: 41.79 ng

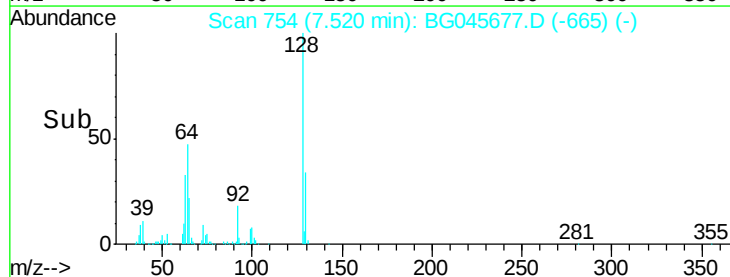
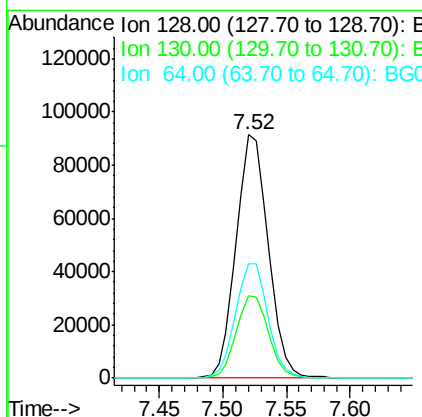
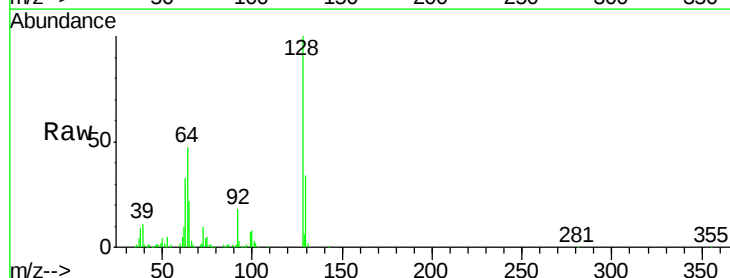
RT: 7.52 min Scan# 754

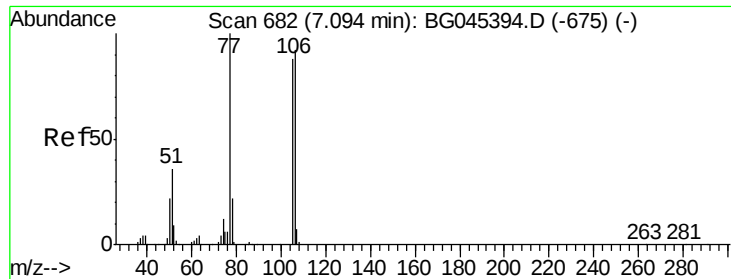
Delta R.T. -0.01 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Tgt Ion:	128	Resp:	161018
Ion Ratio	Lower	Upper	
128	100		
130	34.1	12.6	52.6
64	47.1	27.0	67.0





#9

Benzaldehyde

Concen: 24.93 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045677.D

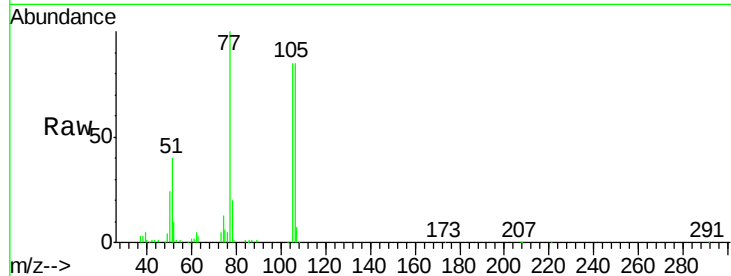
Acq: 10 Jun 2020 2:35

Instrument :

BNA_G

ClientSampleId :

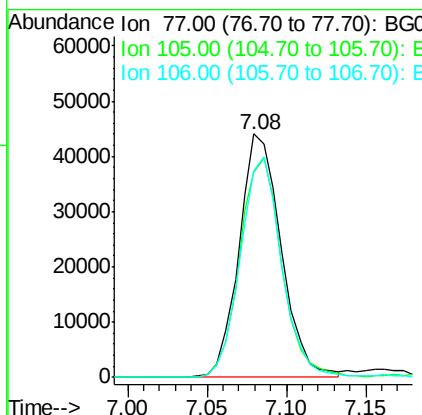
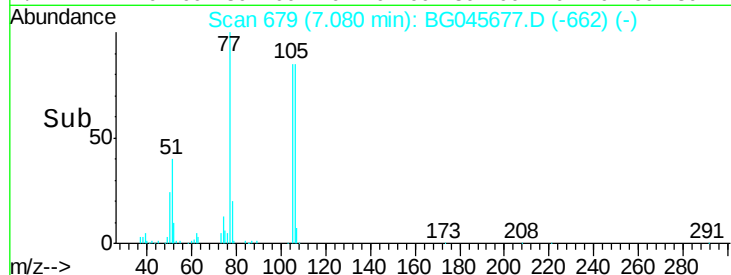
GENMS



Tgt Ion:	77	Resp:	81243
Ion	Ratio	Lower	Upper
77	100		
105	84.5	68.5	108.5
106	84.9	71.6	111.6

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#10

Phenol

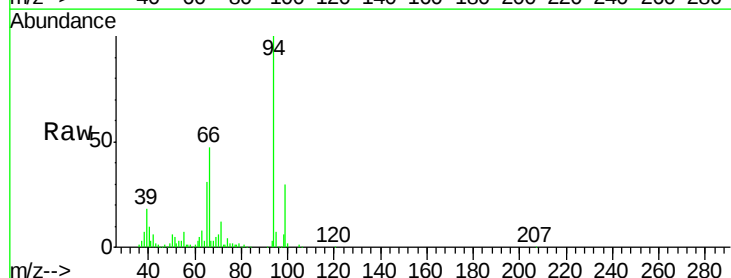
Concen: 34.80 ng

RT: 7.17 min Scan# 694

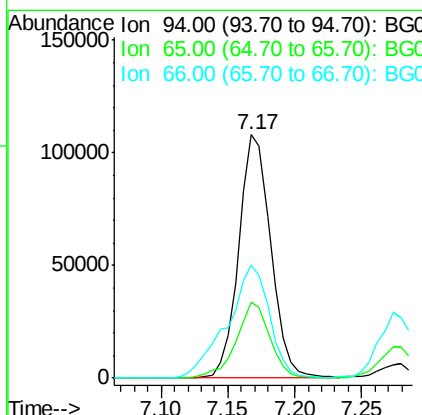
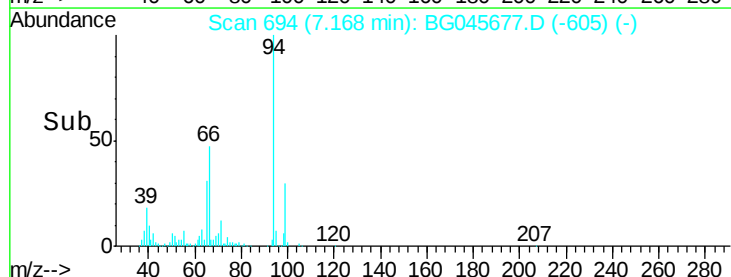
Delta R.T. -0.01 min

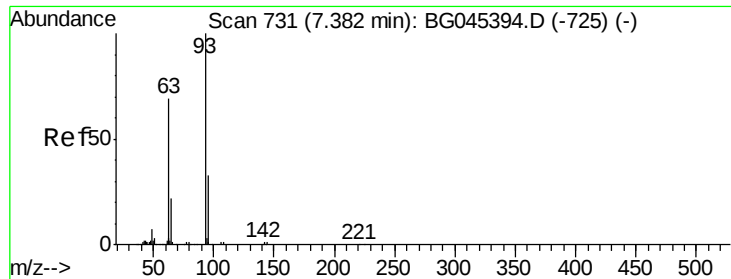
Lab File: BG045677.D

Acq: 10 Jun 2020 2:35



Tgt Ion:	94	Resp:	179348
Ion	Ratio	Lower	Upper
94	100		
65	31.3	9.8	49.8
66	46.6	22.0	62.0





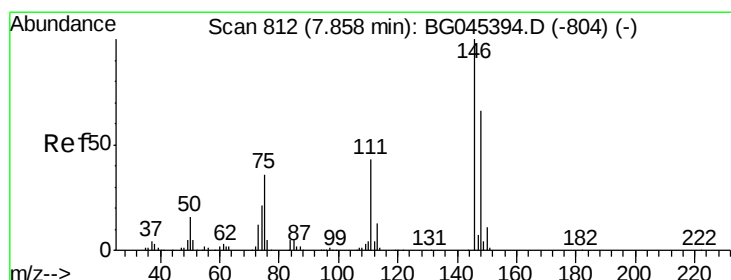
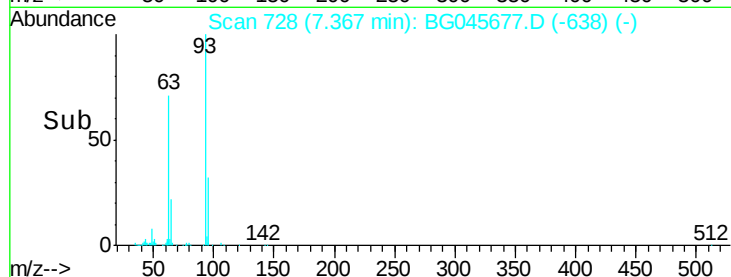
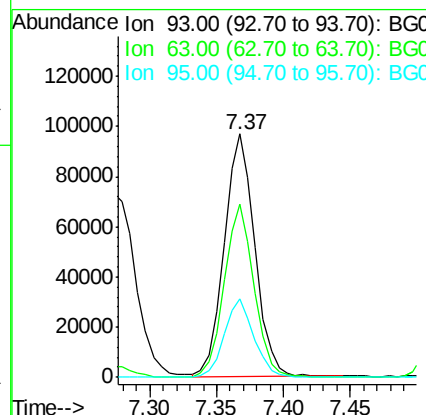
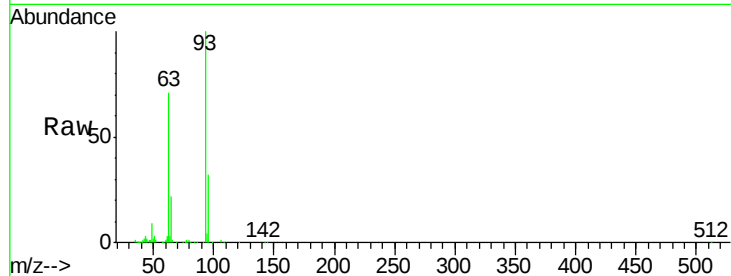
#11
bis(2-Chloroethyl)ether
Concen: 38.61 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	71.1	48.4	88.4
95	32.0	12.4	52.4

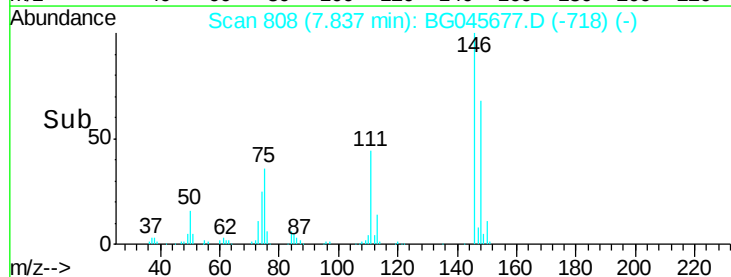
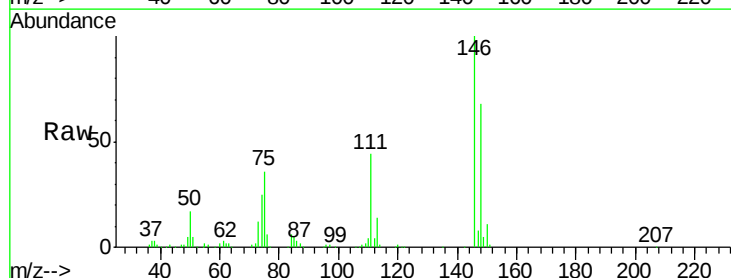
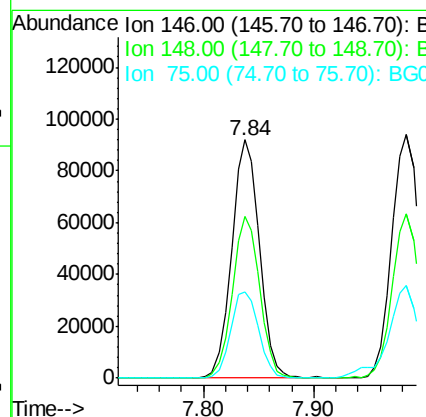
Manual Integrations
APPROVED

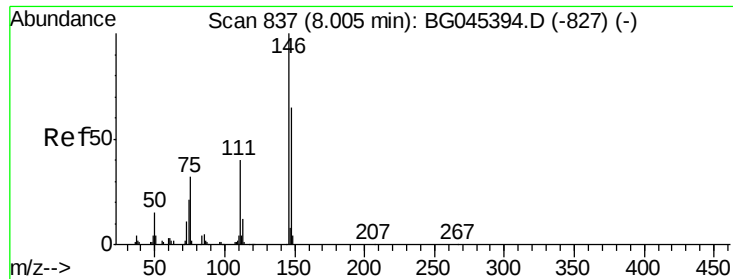
mohammad
6/10/2020 11:50:22 AM



#12
1,3-Dichlorobenzene
Concen: 34.85 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	68.0	53.2	79.8
75	36.3	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 35.92 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Instrument :

BNA_G

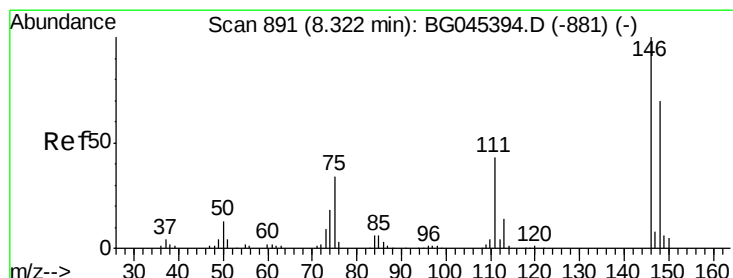
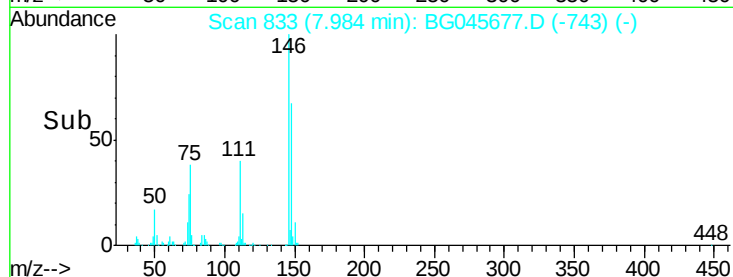
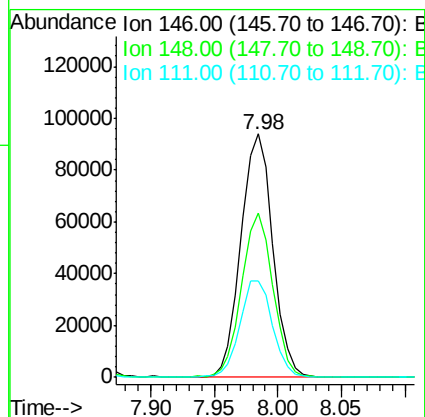
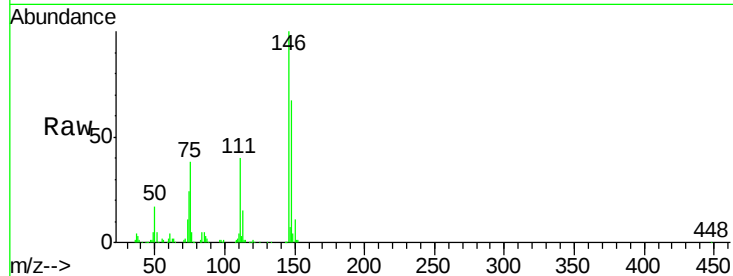
ClientSampleId :

GENMS

Tgt Ion:	146	Resp:	164136
Ion Ratio	Lower	Upper	
146	100		
148	67.3	51.8	77.8
111	39.7	32.1	48.1

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#14

1,2-Dichlorobenzene

Concen: 35.37 ng

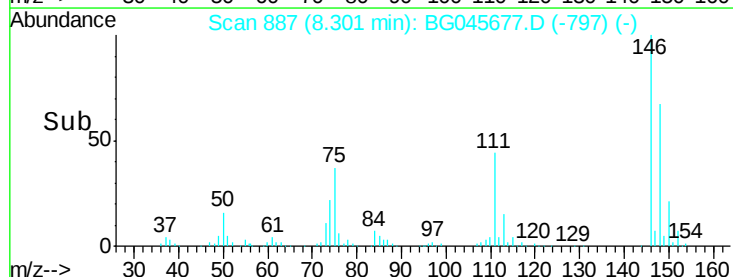
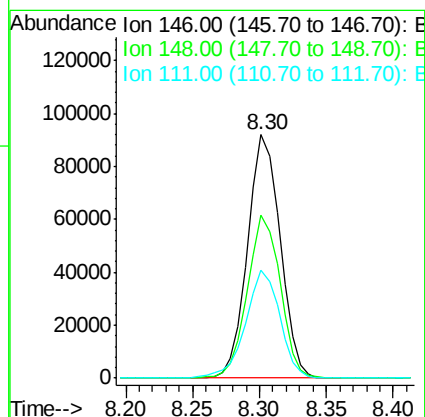
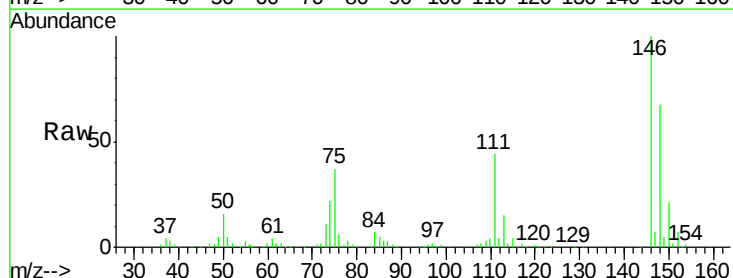
RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Tgt Ion:	146	Resp:	155442
Ion Ratio	Lower	Upper	
146	100		
148	67.0	55.9	83.9
111	44.2	35.0	52.4





#15

Benzyl Alcohol

Concen: 42.08 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Instrument :

BNA_G

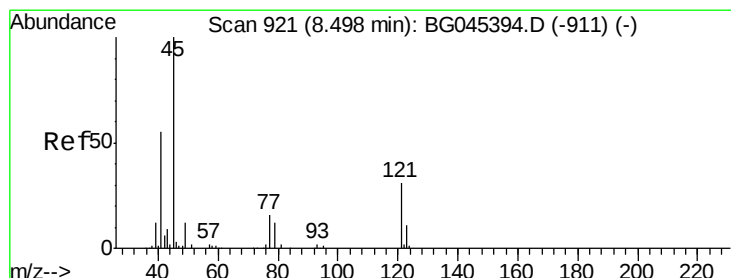
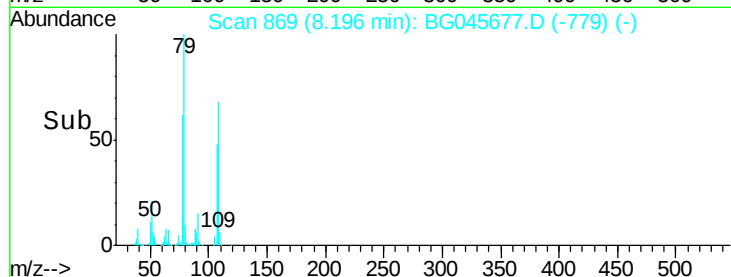
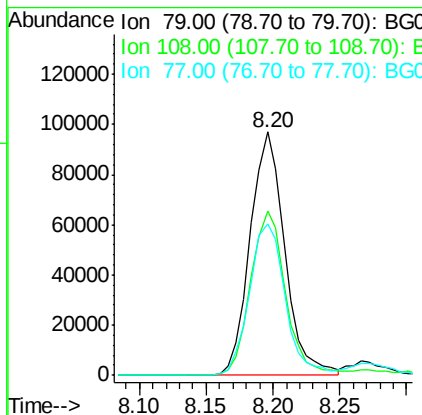
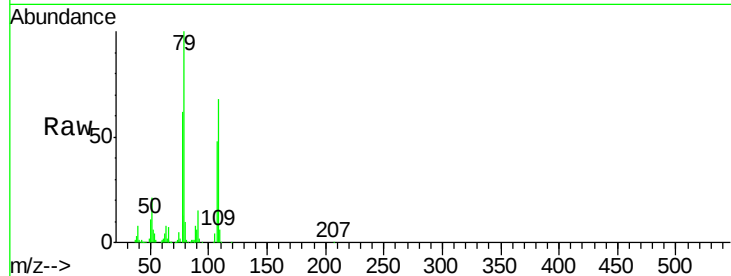
ClientSampleId :

GENMS

Tgt Ion:	79	Resp:	173861
Ion Ratio	Lower	Upper	
79	100		
108	67.6	58.2	87.4
77	62.4	51.0	76.4

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.77 ng

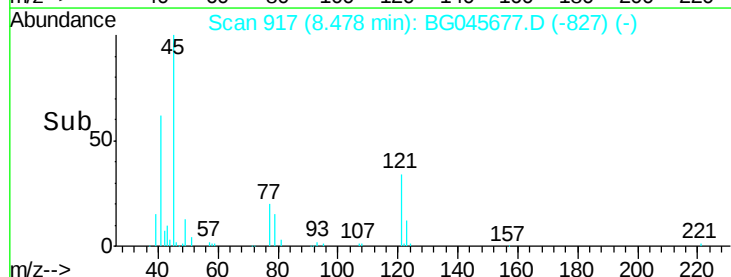
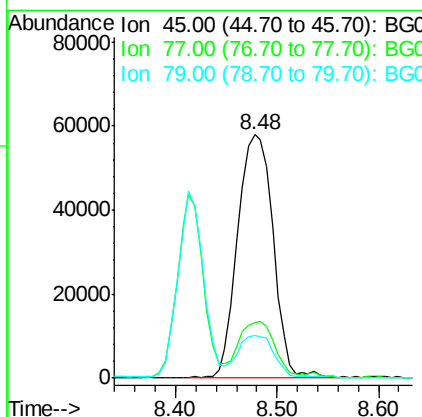
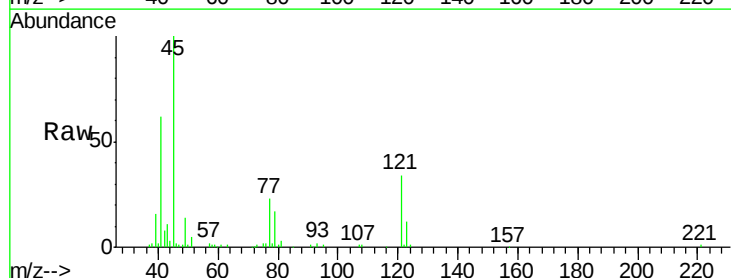
RT: 8.48 min Scan# 917

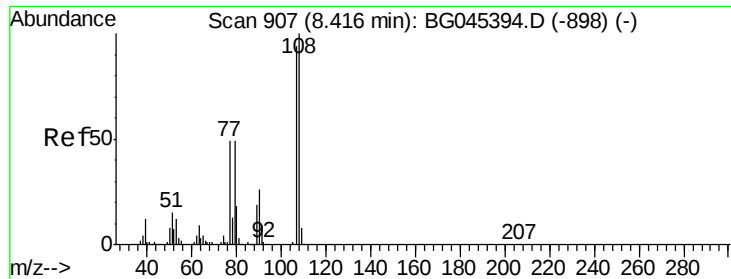
Delta R.T. -0.00 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Tgt Ion:	45	Resp:	140333
Ion Ratio	Lower	Upper	
45	100		
77	22.6	4.0	44.0
79	17.3	0.0	38.6





#17

2-Methylphenol

Concen: 37.59 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG045677.D

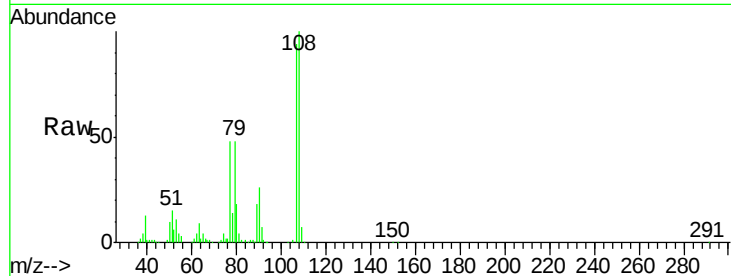
Acq: 10 Jun 2020 2:35

Instrument :

BNA_G

ClientSampled :

GENMS



Tgt Ion:107 Resp: 145006

Ion Ratio Lower Upper

107 100

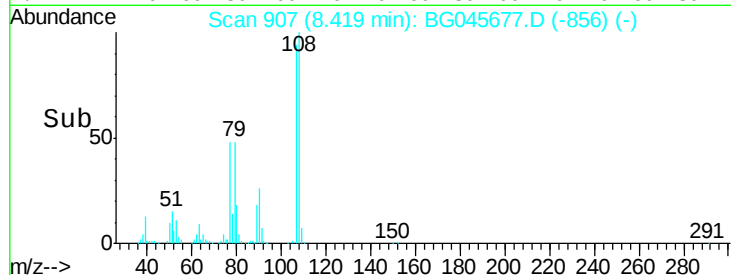
108 106.3 85.2 127.8

77 51.5 41.6 62.4

79 51.2 41.8 62.8

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM

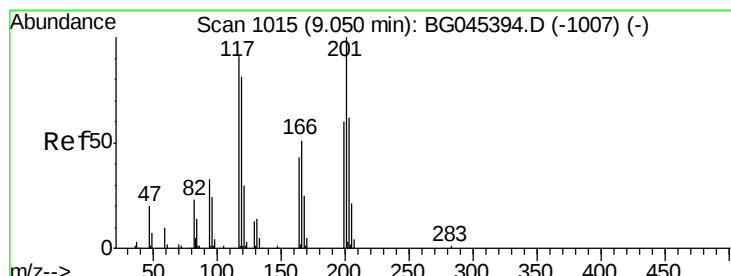
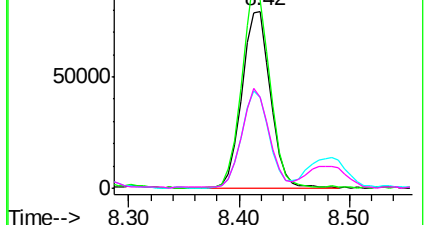


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.79 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

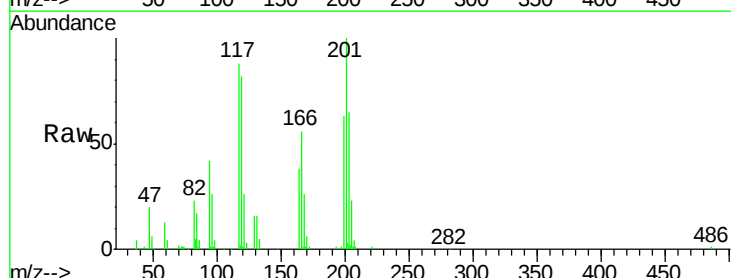
Tgt Ion:117 Resp: 62645

Ion Ratio Lower Upper

117 100

119 93.3 71.3 106.9

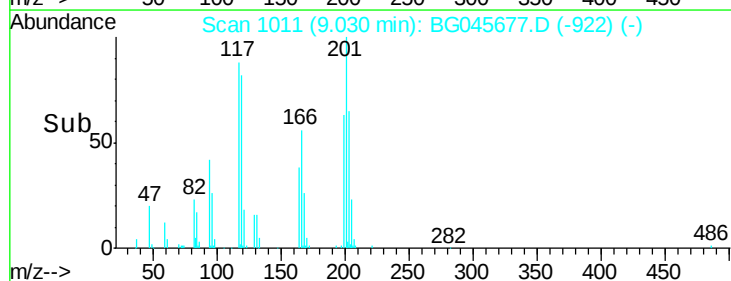
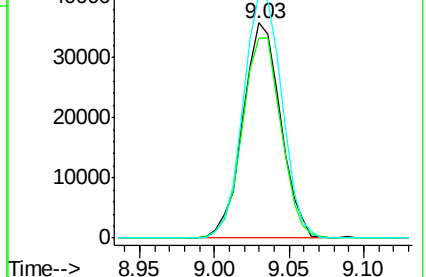
201 113.2 87.5 131.3

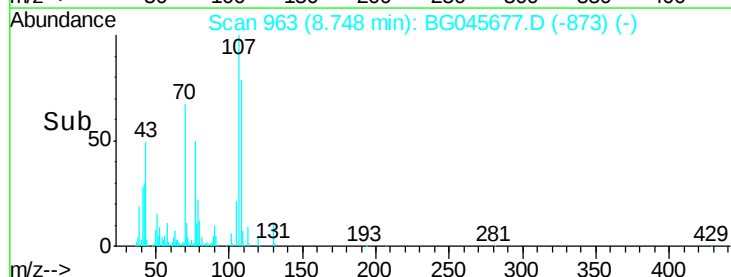
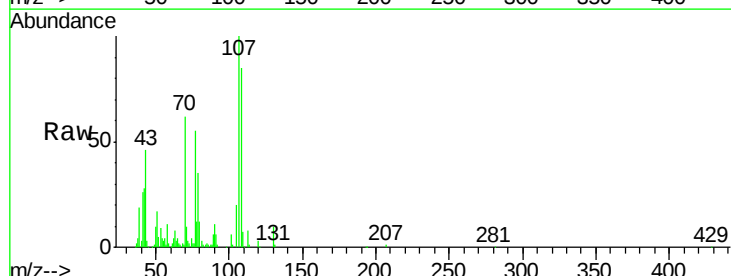
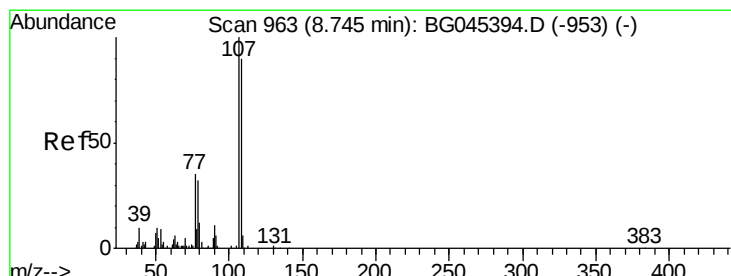
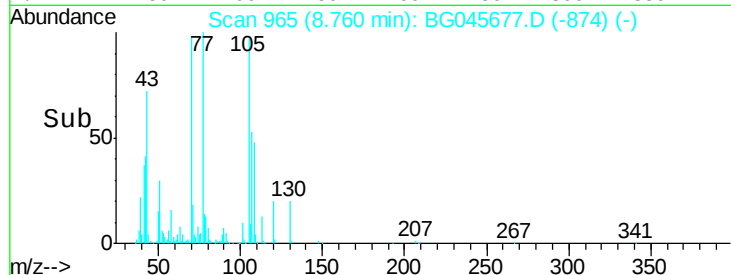
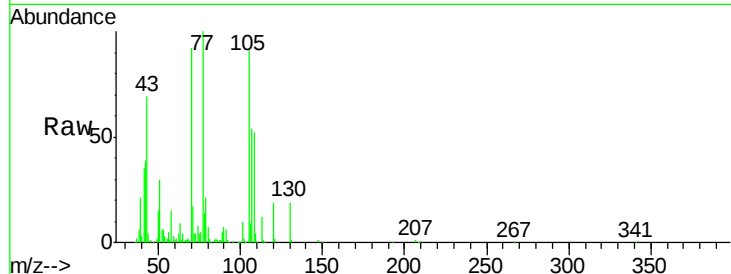
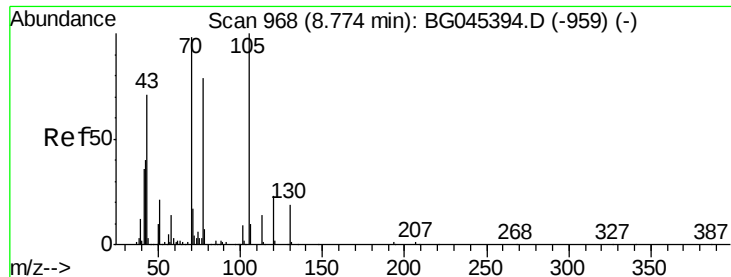


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

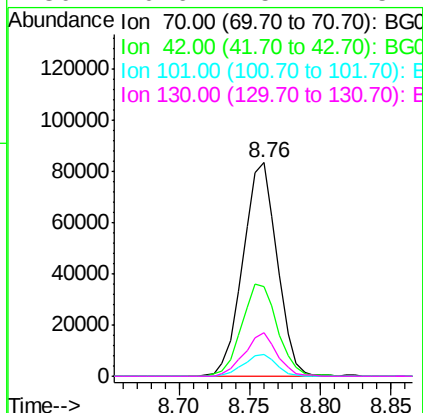
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 41.00 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
70	100		
42	41.8	33.2	49.8
101	10.4	7.8	11.6
130	20.6	15.4	23.2



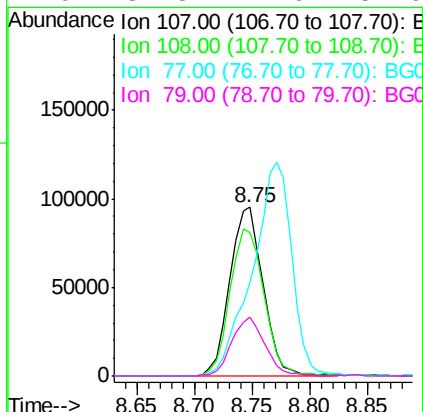
Instrument :
BNA_G
ClientSampleId :
GENMS

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM

#20
3+4-Methylphenols
Concen: 36.39 ng m
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	70.3	110.3
77	55.5	15.4	55.4#
79	34.8	12.6	52.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG045677.D

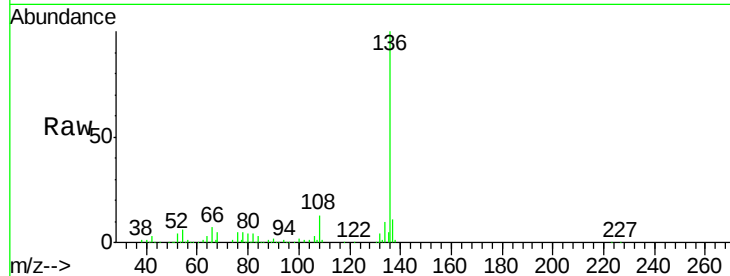
Acq: 10 Jun 2020 2:35

Instrument :

BNA_G

ClientSampleId :

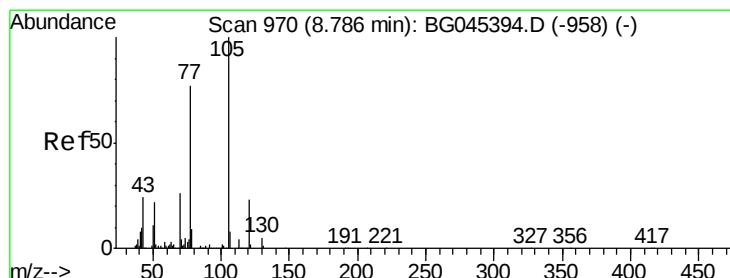
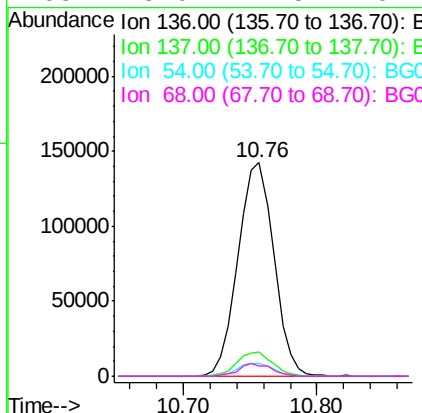
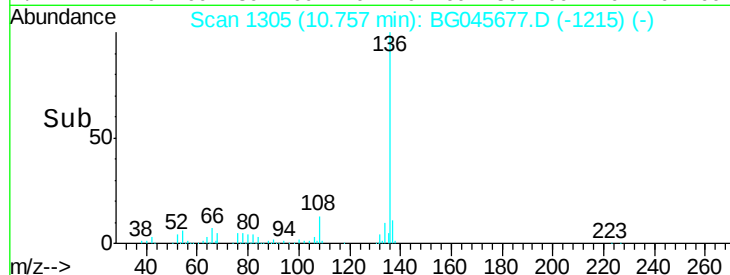
GENMS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	264607		
137	11.1	9.4	14.2	
54	5.9	5.8	8.6	
68	5.0	4.5	6.7	

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#22

Acetophenone

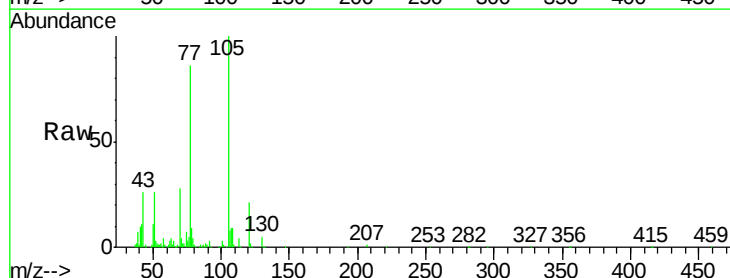
Concen: 40.42 ng

RT: 8.77 min Scan# 967

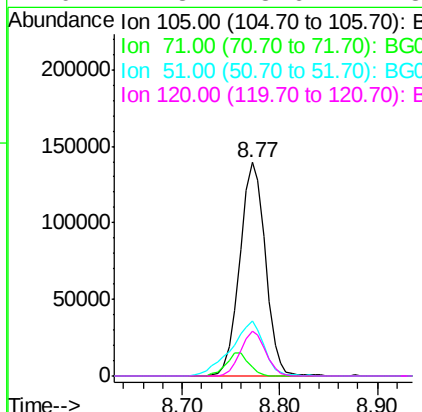
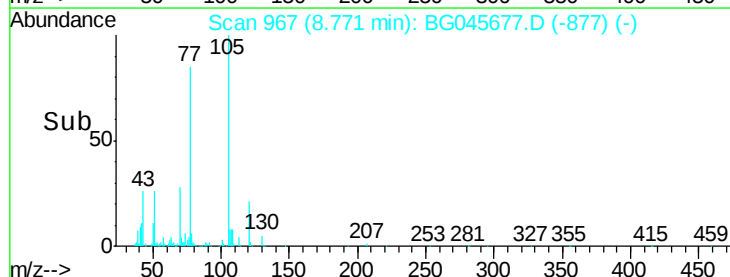
Delta R.T. -0.00 min

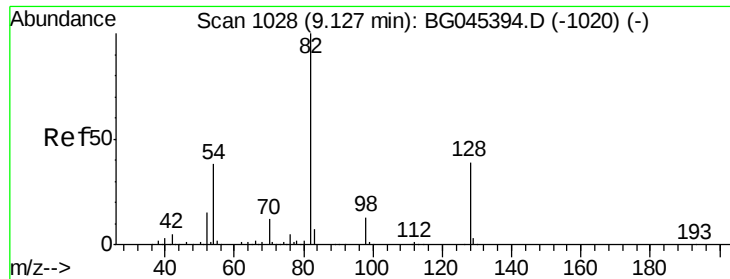
Lab File: BG045677.D

Acq: 10 Jun 2020 2:35



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	253513		
71	4.4	3.4	5.0	
51	25.8	18.2	27.2	
120	21.3	18.6	27.8	





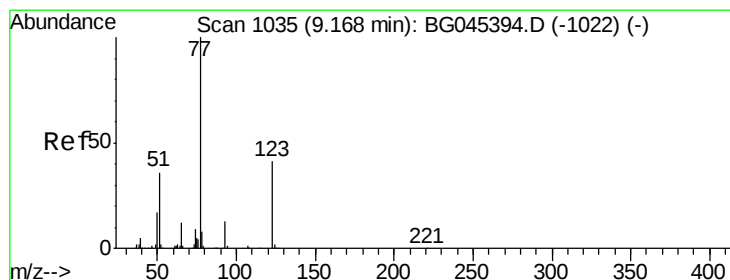
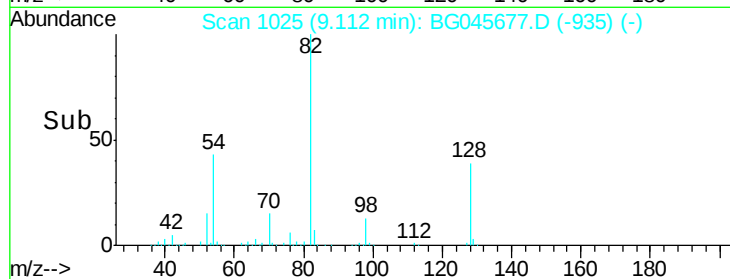
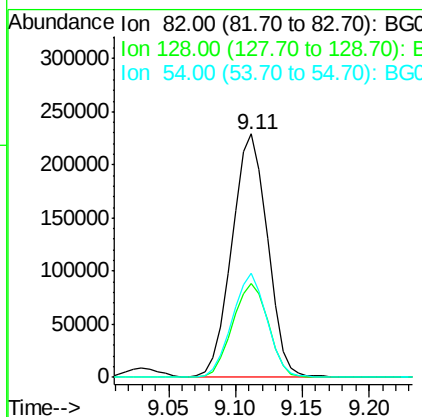
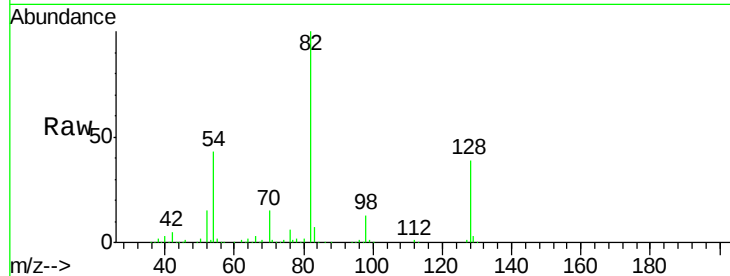
#23
 Nitrobenzene-d5
 Concen: 87.47 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Instrument :
 BNA_G
 ClientSampled :
 GENMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.9	46.3
54	42.6	30.3	45.5

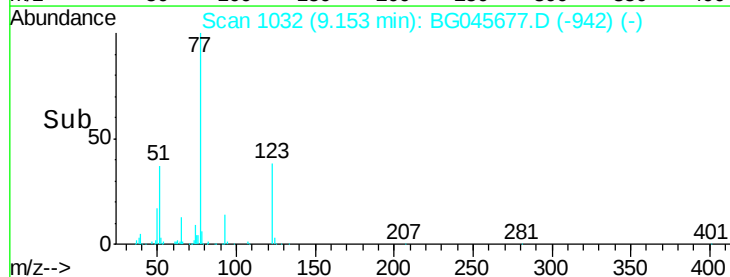
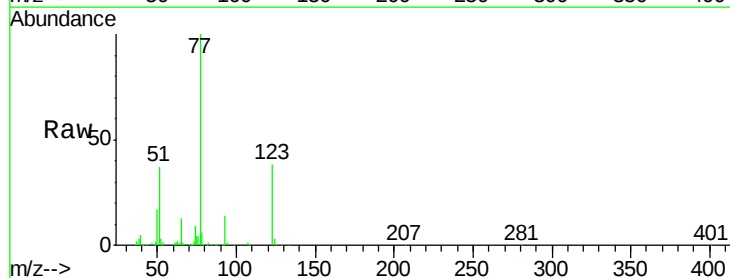
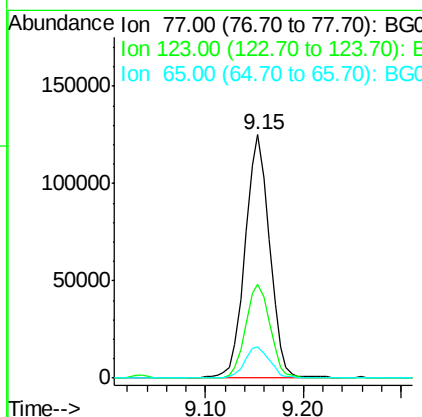
Manual Integrations
 APPROVED

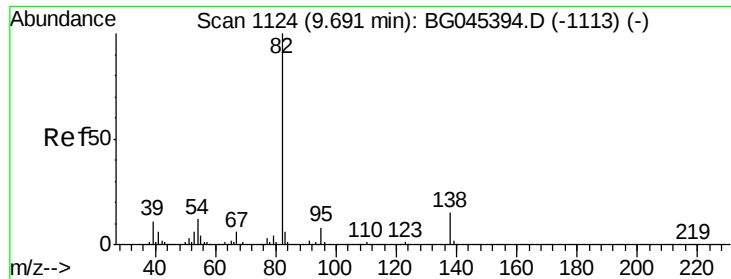
mohammad
 6/10/2020 11:50:22 AM



#24
 Nitrobenzene
 Concen: 41.61 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	32.9	49.3
65	12.7	9.4	14.2





#25

Isophorone

Concen: 40.85 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Instrument :

BNA_G

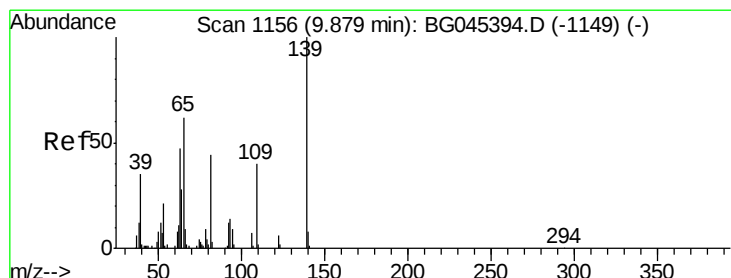
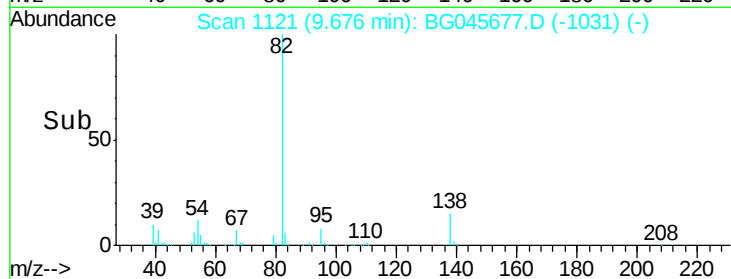
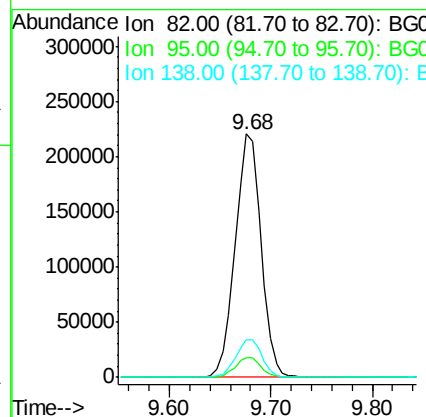
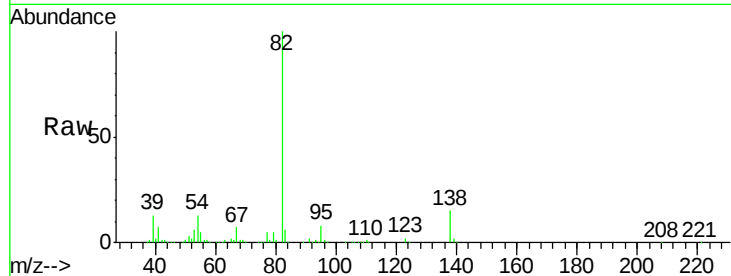
ClientSampled :

GENMS

Tgt Ion:	82	Resp:	390351
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.7	10.1
138	15.2	12.2	18.4

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#26

2-Nitrophenol

Concen: 42.59 ng

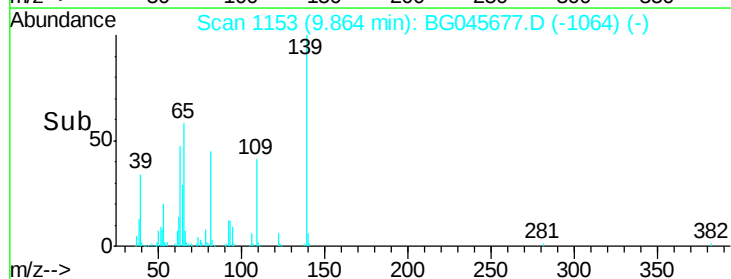
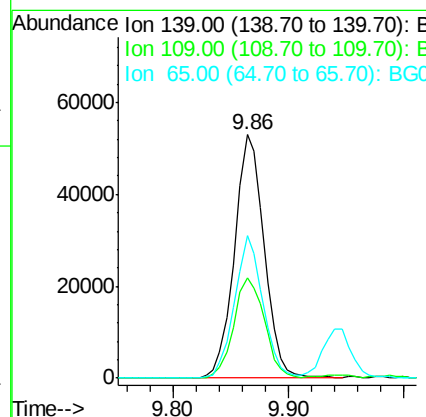
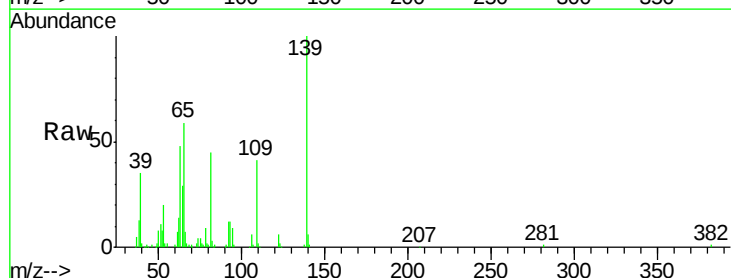
RT: 9.86 min Scan# 1153

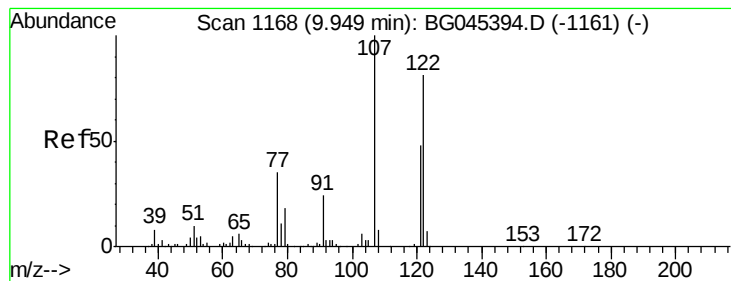
Delta R.T. -0.01 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Tgt Ion:	139	Resp:	94723
Ion Ratio	Lower	Upper	
139	100		
109	41.2	32.2	48.4
65	58.5	49.6	74.4





#27

2,4-Dimethylphenol

Concen: 45.98 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Instrument :

BNA_G

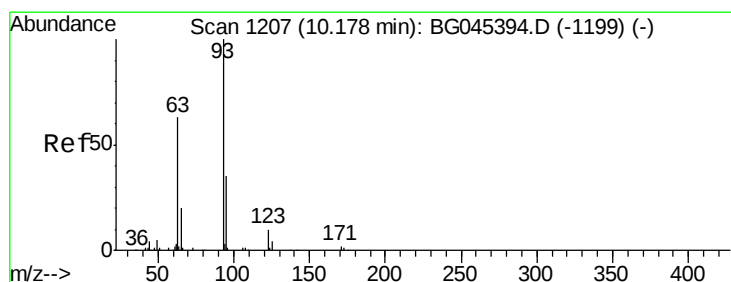
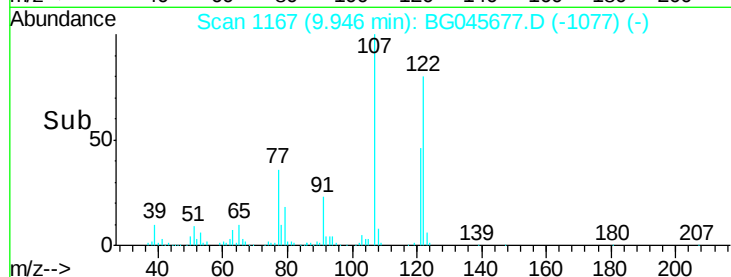
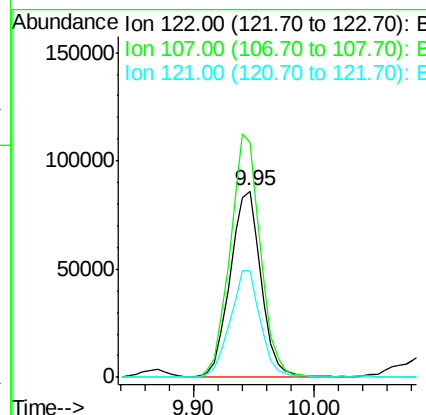
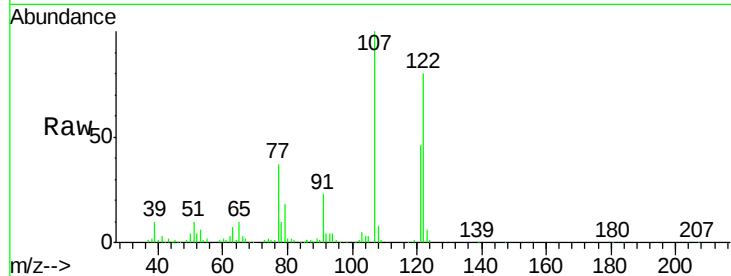
ClientSampleId :

GENMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	151653		
107	125.6	99.0	148.4	
121	57.4	47.7	71.5	

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#28

bis(2-Chloroethoxy)methane

Concen: 42.15 ng

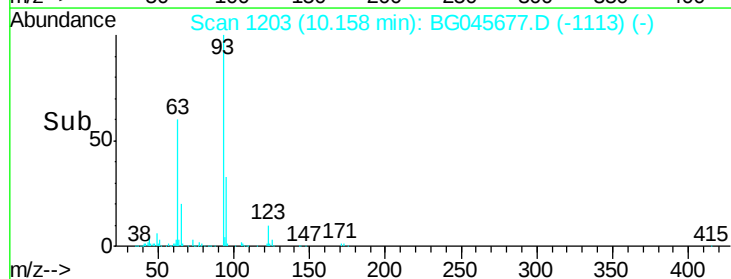
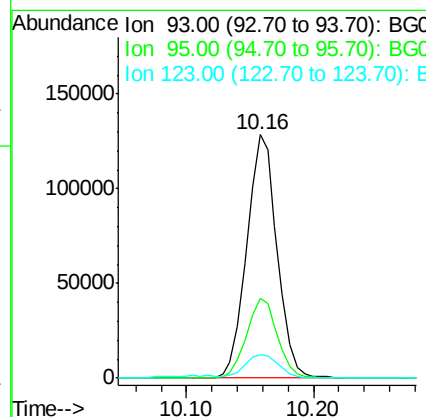
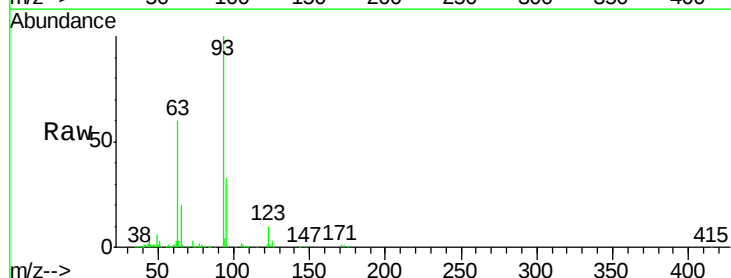
RT: 10.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	211249		
95	32.7	27.6	41.4	
123	9.6	8.1	12.1	





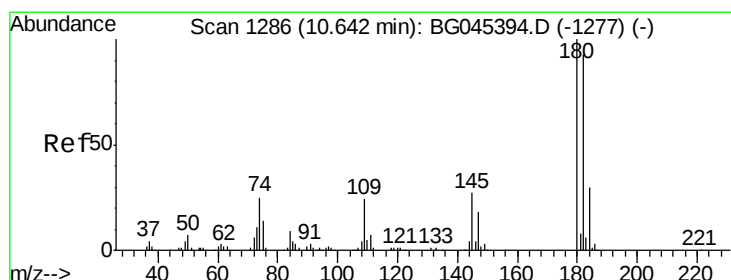
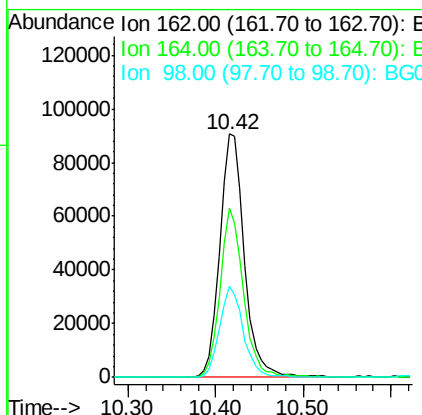
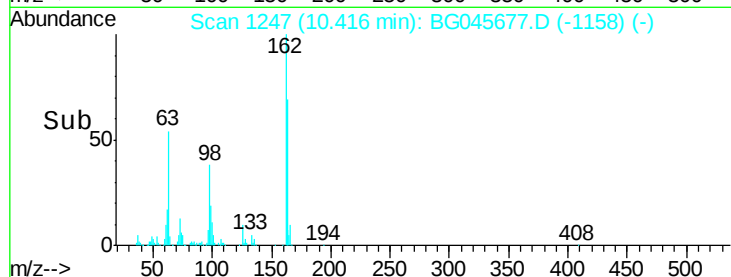
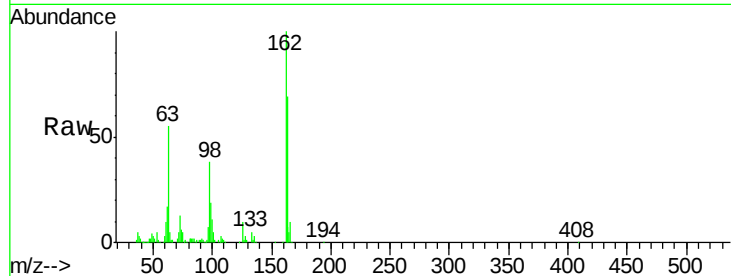
#29
2,4-Dichlorophenol
Concen: 45.24 ng
RT: 10.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	69.4	46.8	86.8
98	37.6	15.2	55.2

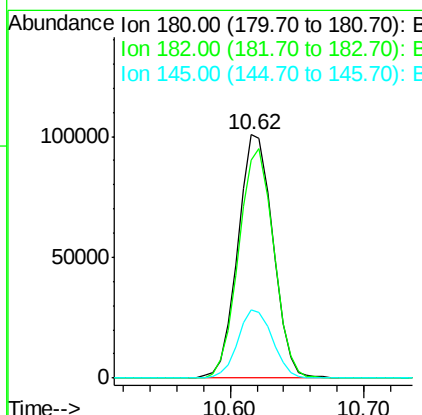
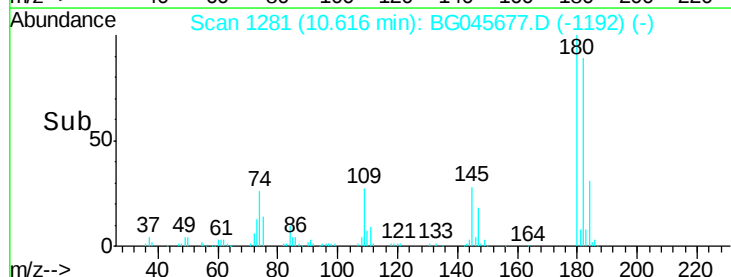
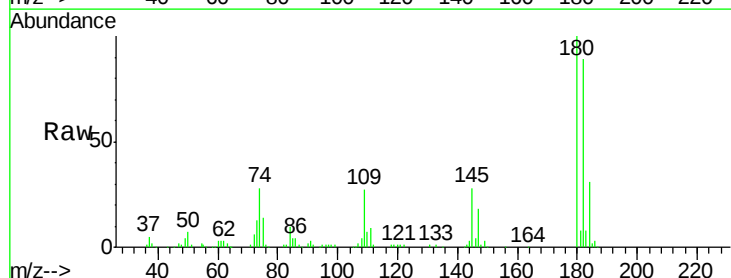
Manual Integrations
APPROVED

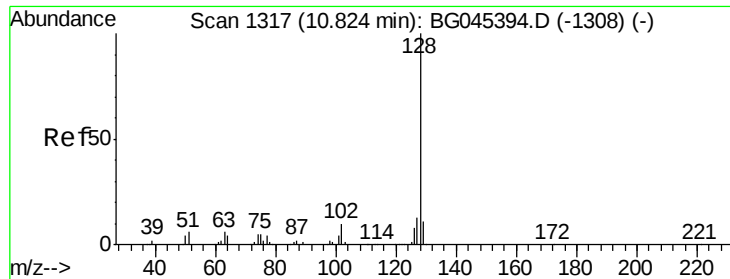
mohammad
6/10/2020 11:50:22 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.78 ng
RT: 10.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	89.5	74.8	112.2
145	27.9	21.9	32.9





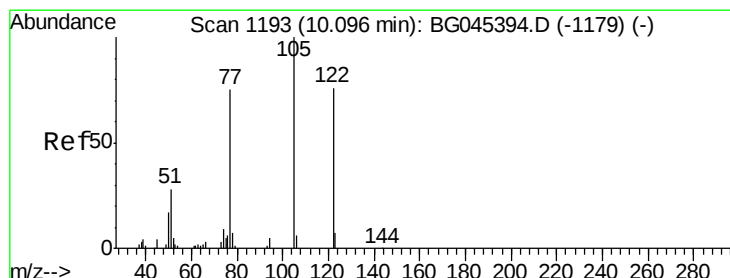
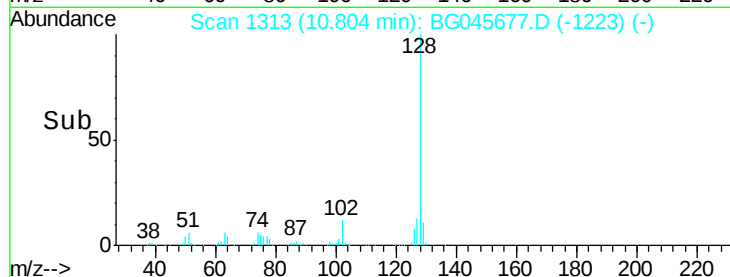
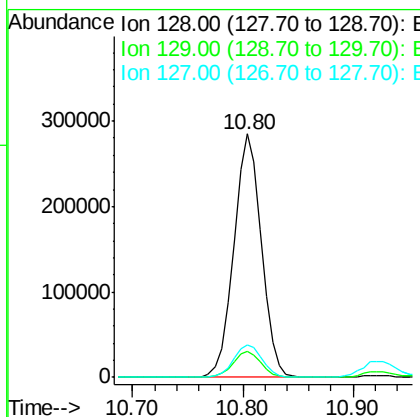
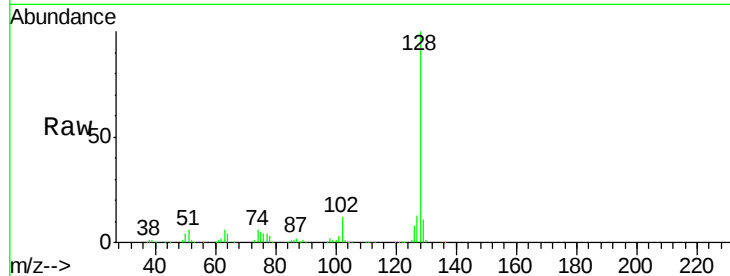
#31
Naphthalene
Concen: 40.33 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	497268		
129	10.7	9.0	13.6	
127	13.5	10.7	16.1	

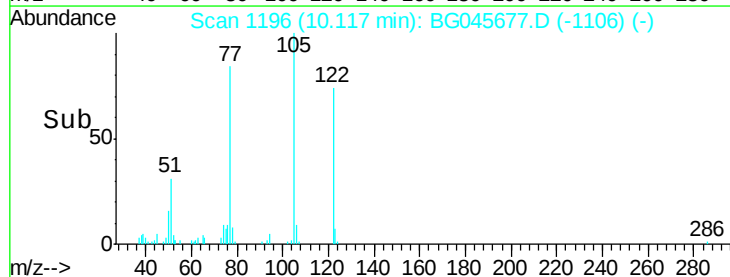
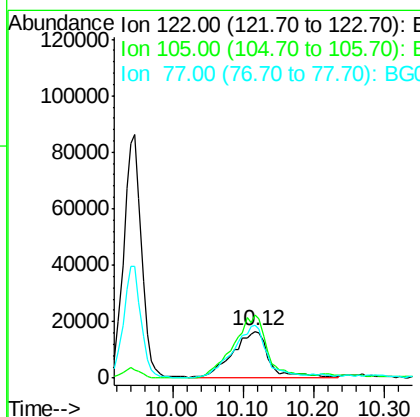
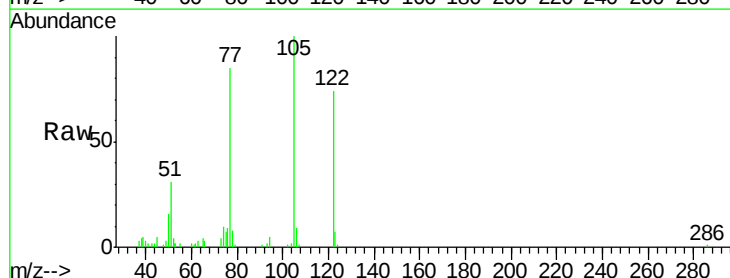
Manual Integrations
APPROVED

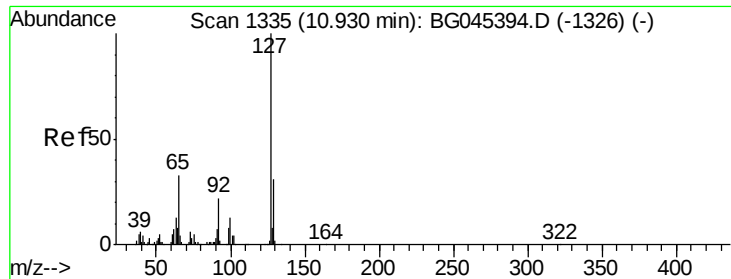
mohammad
6/10/2020 11:50:22 AM



#32
Benzoic acid
Concen: 30.07 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	56847		
105	134.4	107.9	147.9	
77	113.8	78.9	118.9	





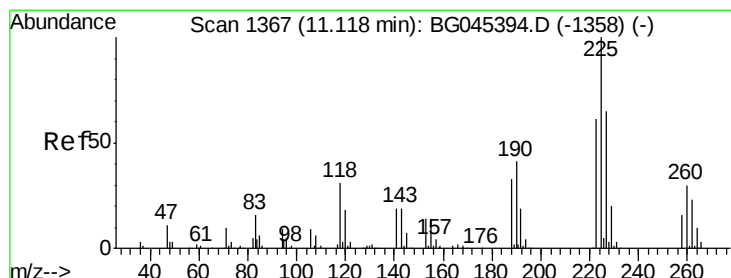
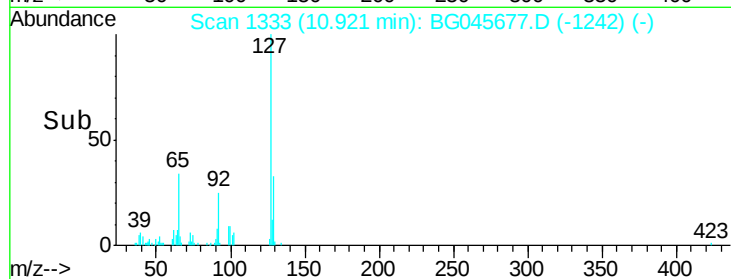
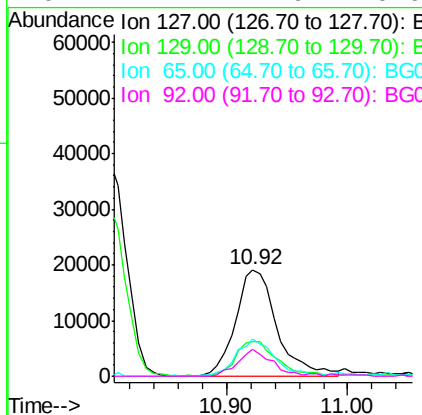
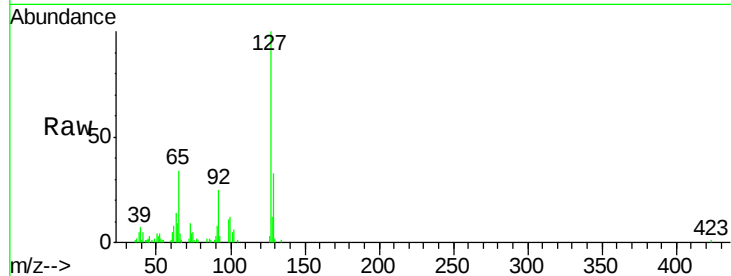
#33
4-Chloroaniline
Concen: 8.88 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampled :
GENMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	45791		
129	32.9	24.7	37.1	
65	34.3	26.2	39.2	
92	24.7	17.9	26.9	

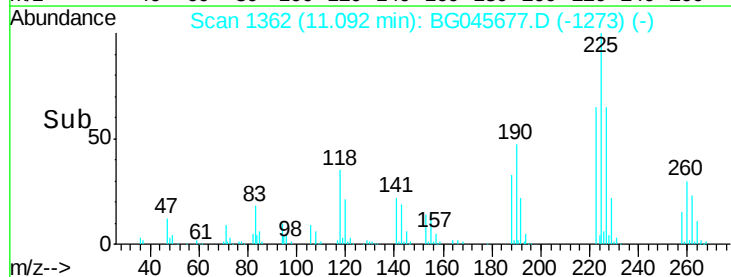
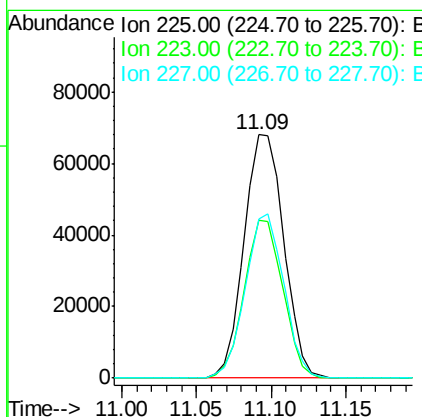
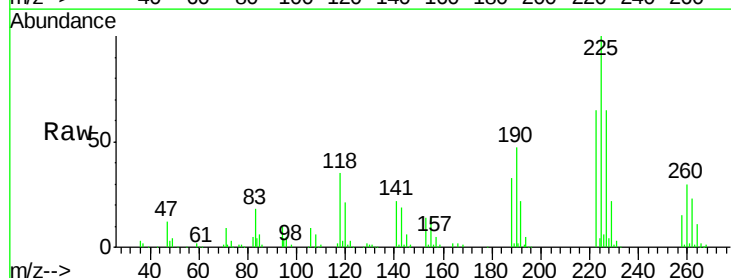
Manual Integrations
APPROVED

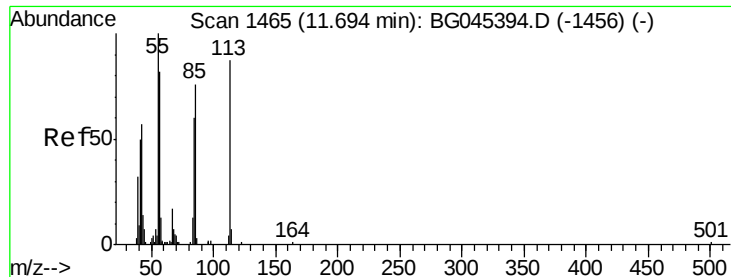
mohammad
6/10/2020 11:50:22 AM



#34
Hexachlorobutadiene
Concen: 38.50 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125255		
223	65.0	49.1	73.7	
227	65.4	52.0	78.0	





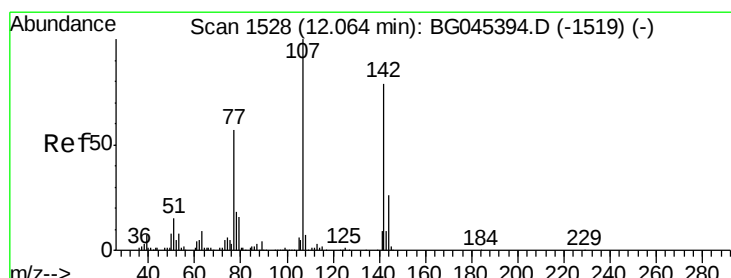
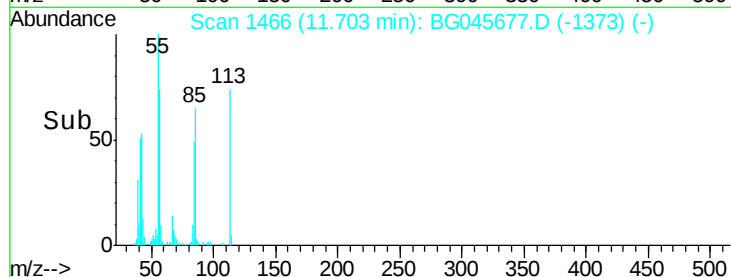
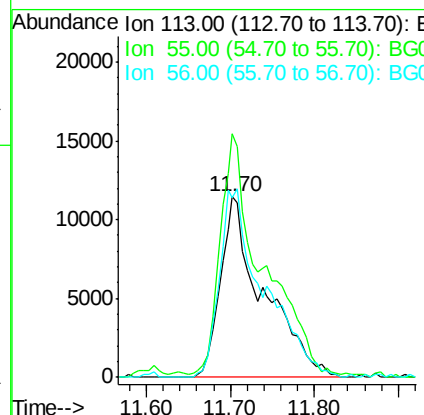
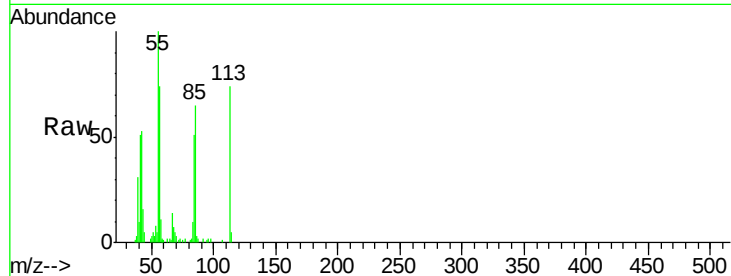
#35
 Caprolactam
 Concen: 28.56 ng m
 RT: 11.70 min Scan# 1466
 Delta R.T. 0.02 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Instrument :
 BNA_G
 ClientSampleId :
 GENMS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	40829		
55	134.7	96.0	136.0	
56	99.0	75.1	115.1	

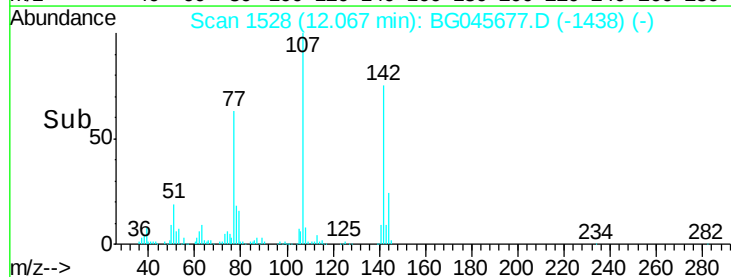
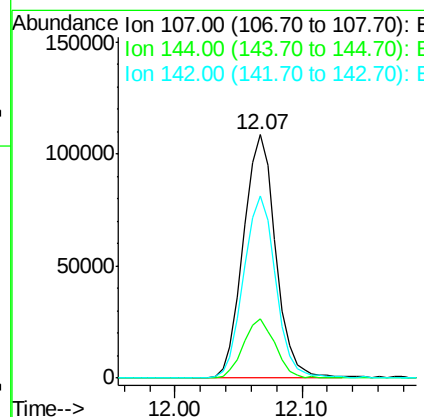
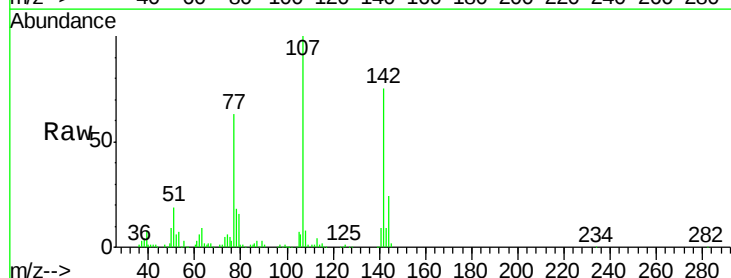
Manual Integrations
 APPROVED

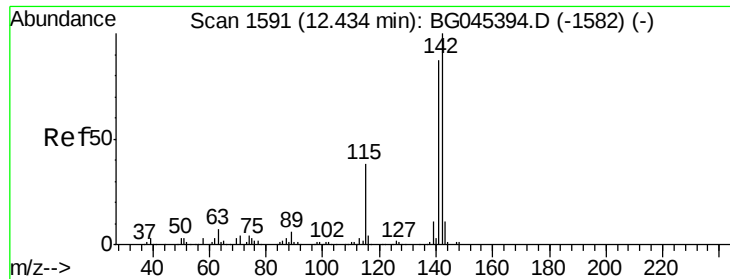
mohammad
 6/10/2020 11:50:22 AM



#36
 4-Chloro-3-methylphenol
 Concen: 43.80 ng
 RT: 12.07 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	192242		
144	24.2	20.8	31.2	
142	74.8	62.8	94.2	





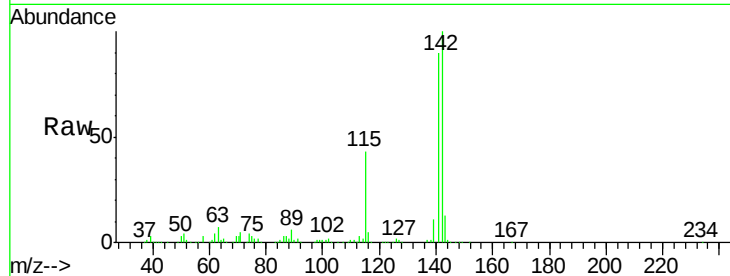
#37
2-Methylnaphthalene
Concen: 41.24 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.0	105.0
115	42.9	30.8	46.2

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM

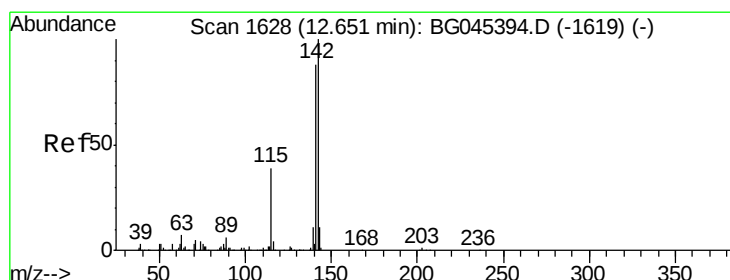
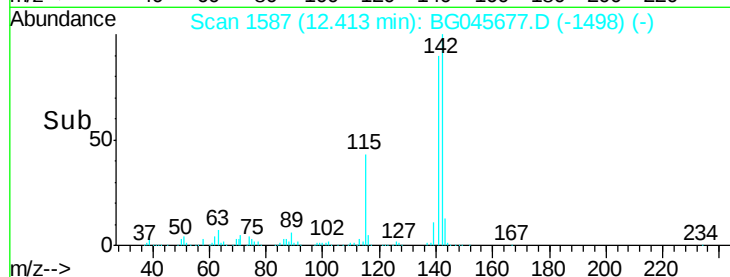
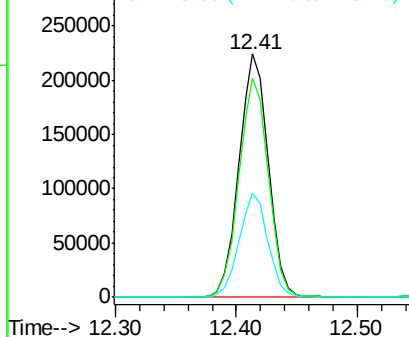


Abundance

Ion 142.00 (141.70 to 142.70): E

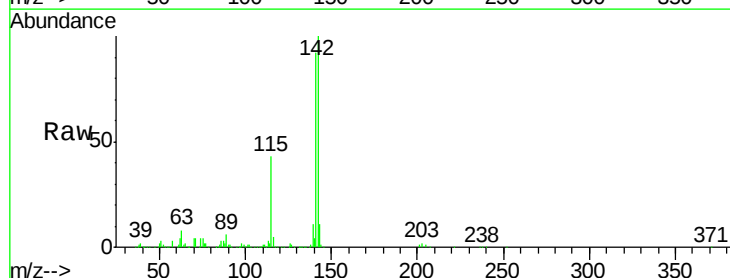
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.22 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.8	106.2
116	5.0	3.0	4.6#

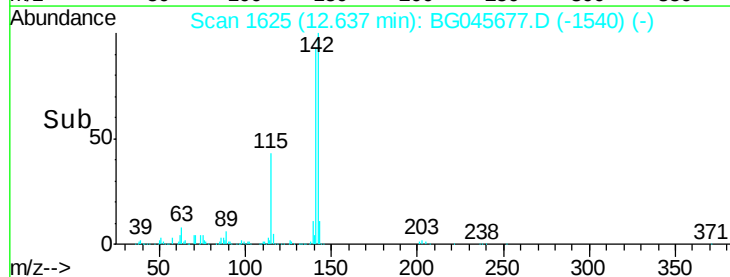
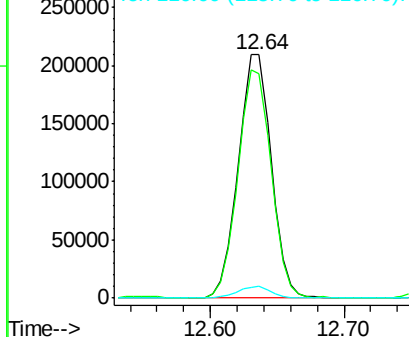


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





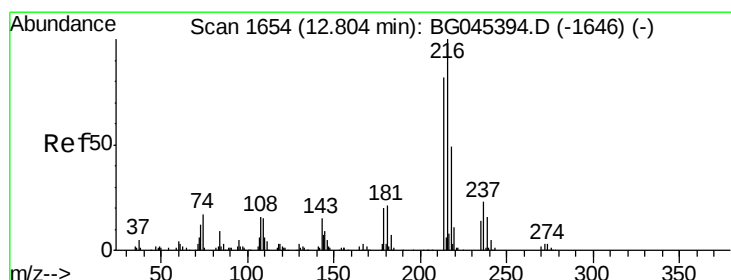
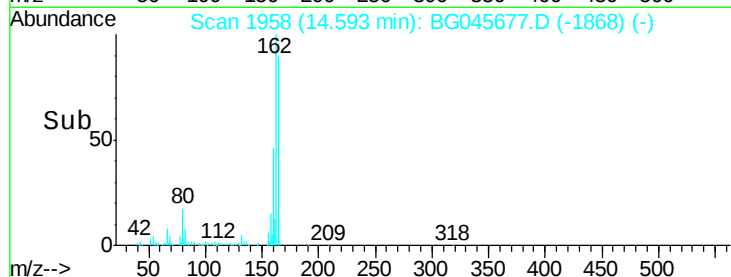
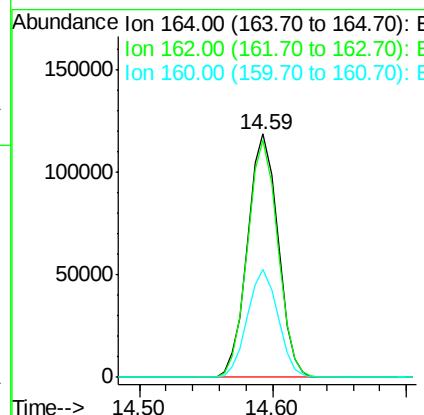
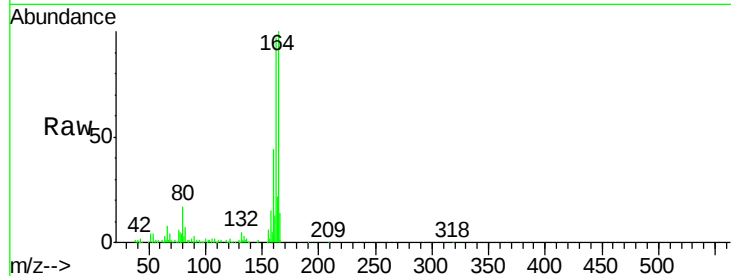
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	76.9	115.3
160	44.4	33.8	50.8

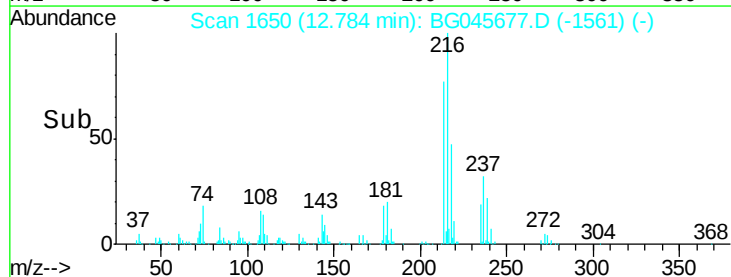
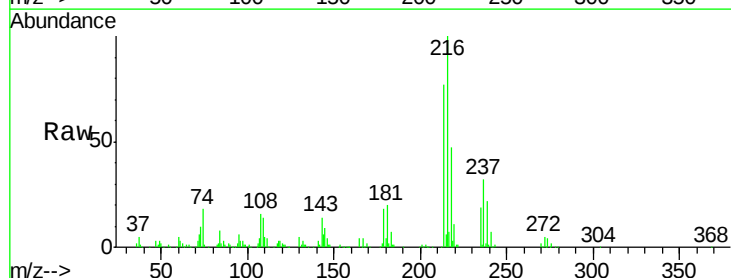
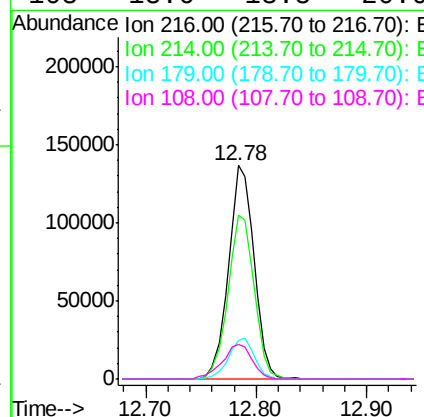
Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.41 ng
RT: 12.78 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.7	95.5
179	19.3	16.1	24.1
108	18.6	13.8	20.6





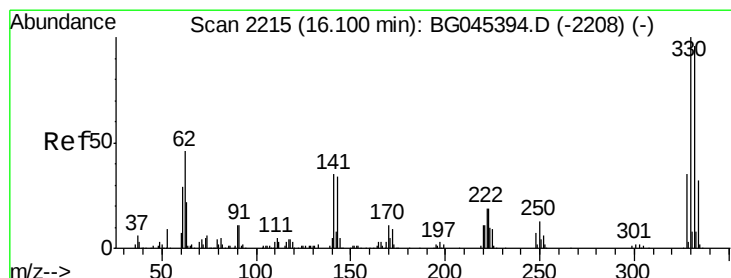
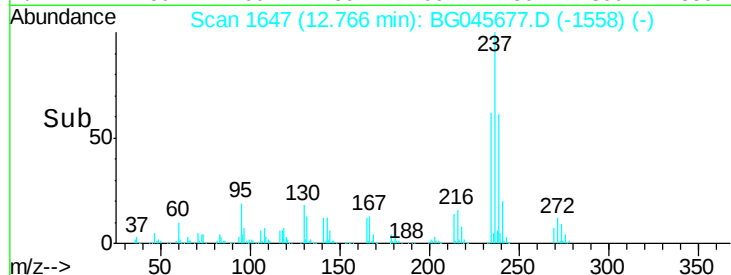
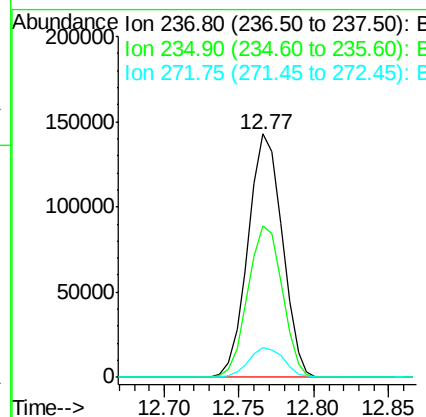
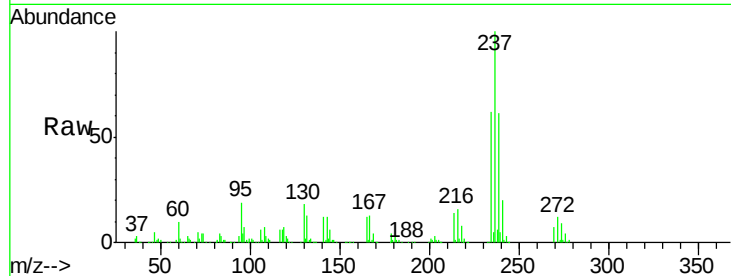
#41
Hexachlorocyclopentadiene
Concen: 75.16 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.0	44.4	84.4
272	12.1	0.0	32.5

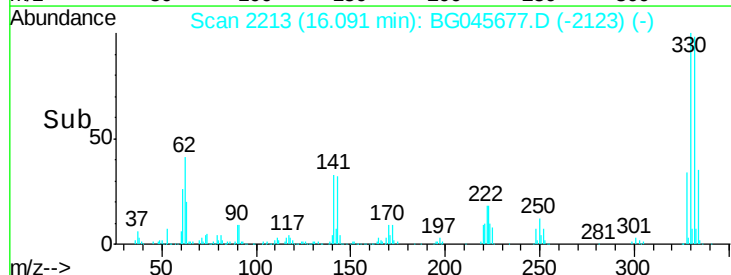
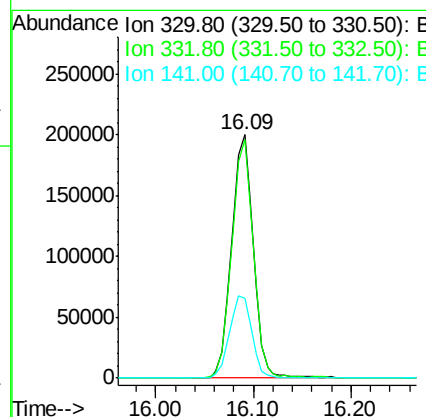
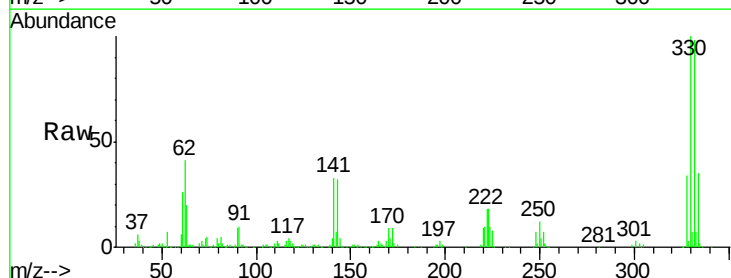
Manual Integrations
APPROVED

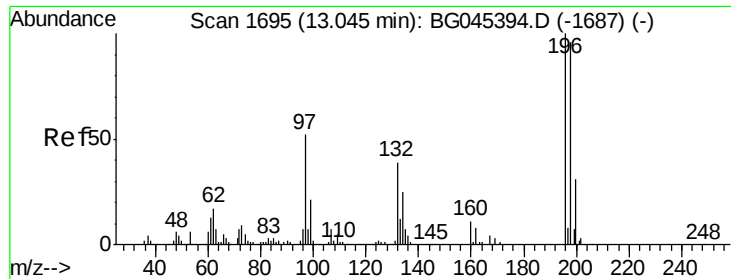
mohammad
6/10/2020 11:50:22 AM



#42
2,4,6-Tribromophenol
Concen: 129.30 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.3	78.2	117.4
141	34.9	28.2	42.4





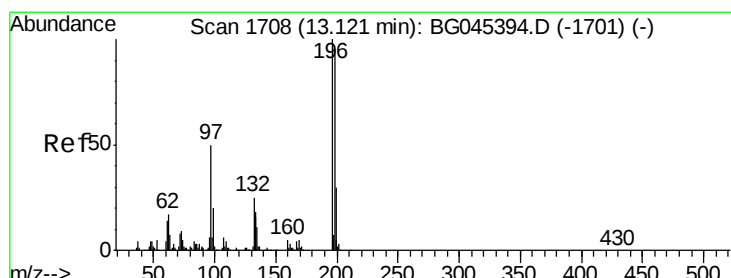
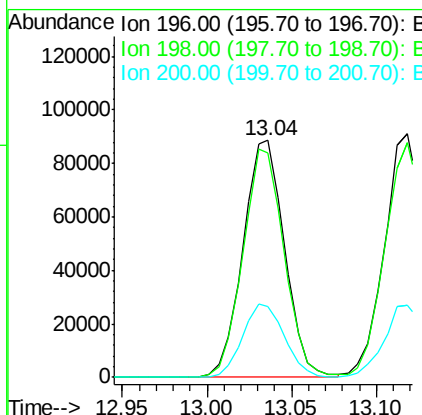
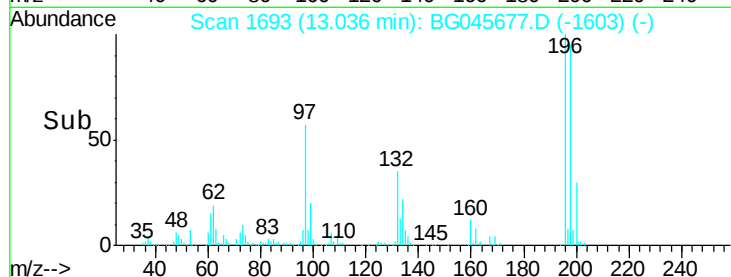
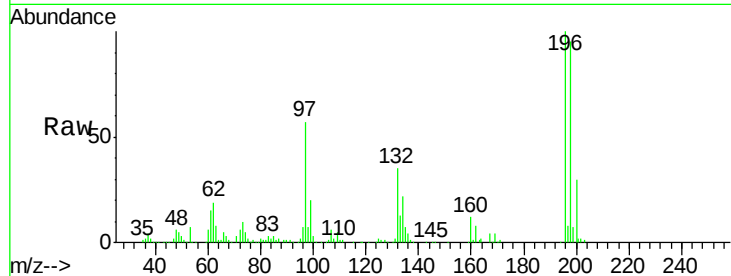
#43
 2,4,6-Trichlorophenol
 Concen: 41.73 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Instrument :
 BNA_G
 ClientSampleId :
 GENMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151470		
198	94.8	76.7	115.1	
200	29.9	24.9	37.3	

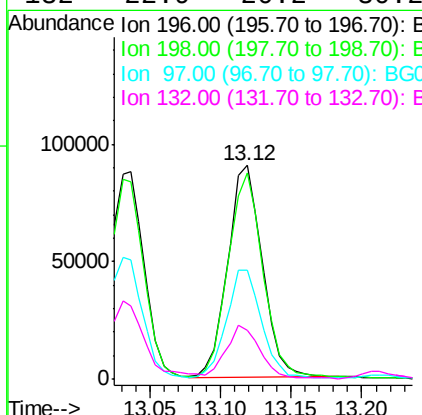
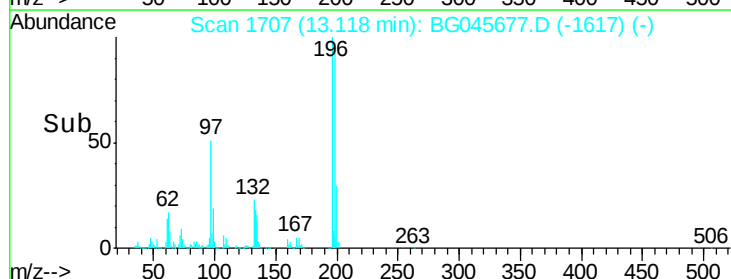
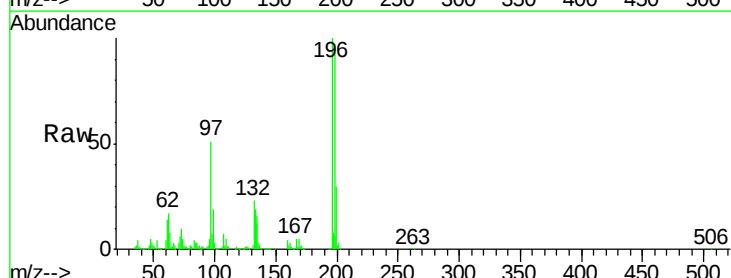
Manual Integrations
 APPROVED

mohammad
 6/10/2020 11:50:22 AM



#44
 2,4,5-Trichlorophenol
 Concen: 37.50 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155553		
198	96.6	76.1	114.1	
97	50.9	40.0	60.0	
132	22.9	20.2	30.2	





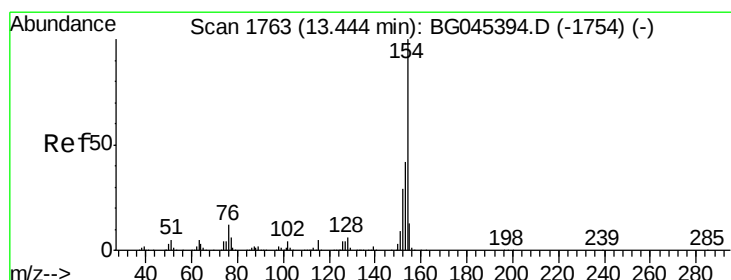
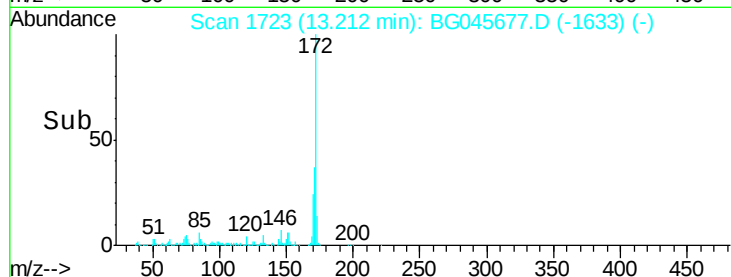
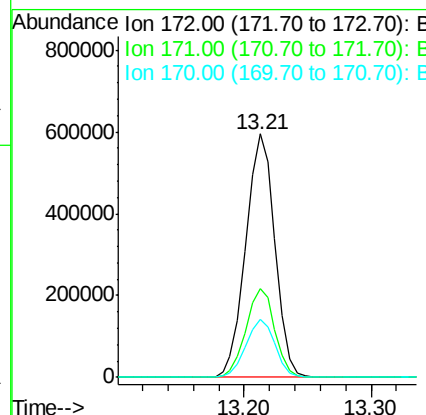
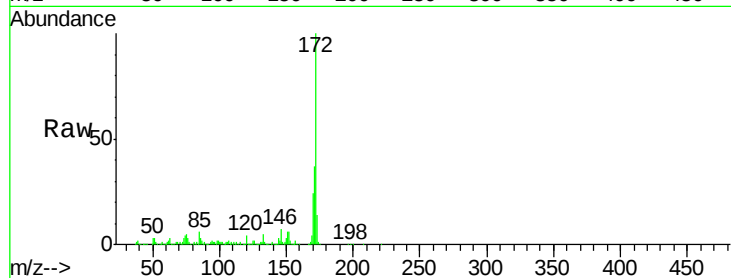
#45
2-Fluorobiphenyl
Concen: 85.73 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.5	29.5	44.3
170	23.7	18.5	27.7

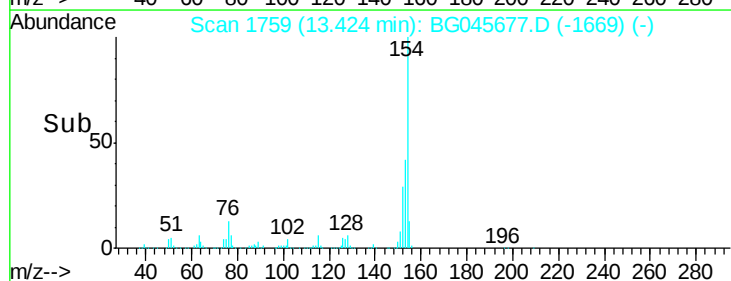
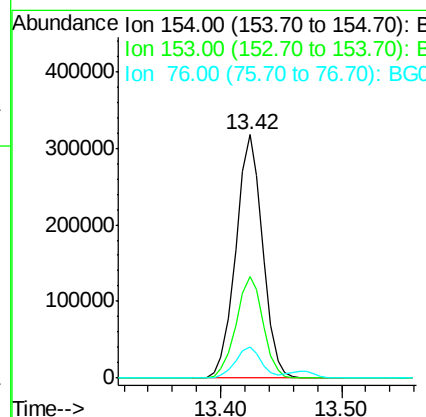
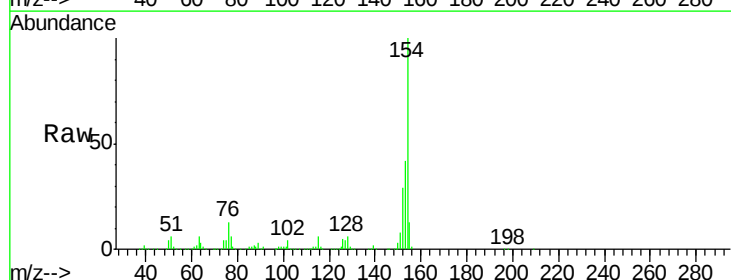
Manual Integrations
APPROVED

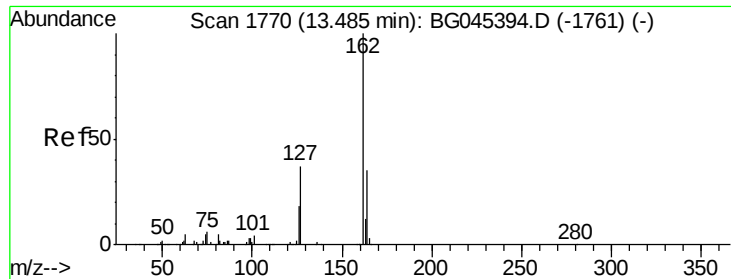
mohammad
6/10/2020 11:50:22 AM



#46
1,1'-Biphenyl
Concen: 42.73 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.8	22.2	62.2
76	12.8	0.0	32.4





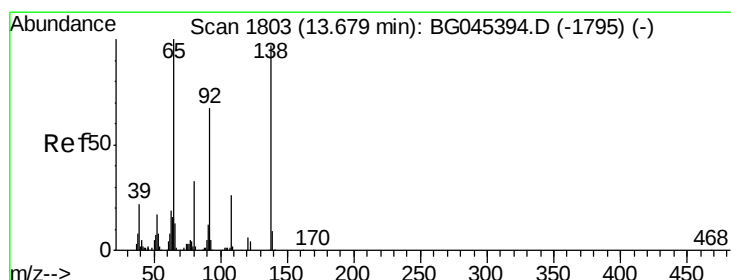
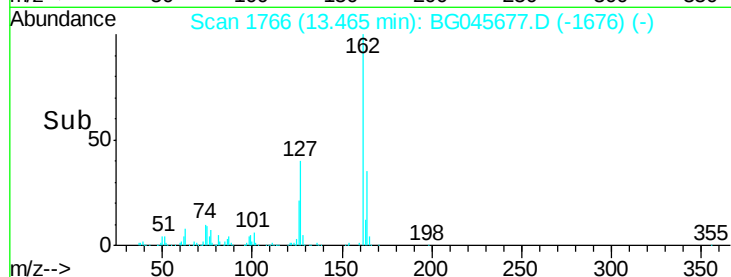
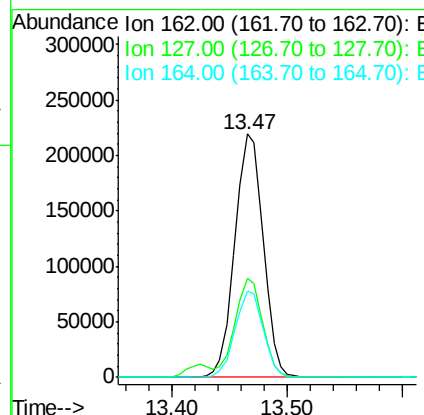
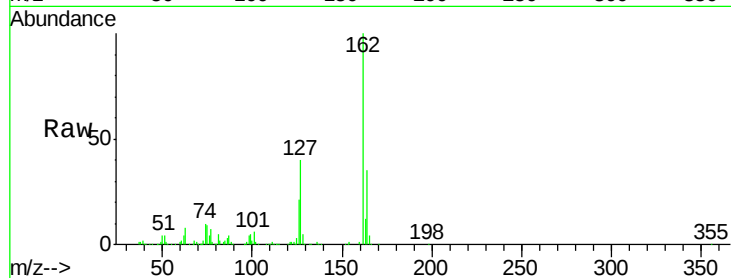
#47
2-Chloronaphthalene
Concen: 40.14 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampled :
GENMS

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	40.4	31.6	47.4
164	35.4	28.1	42.1

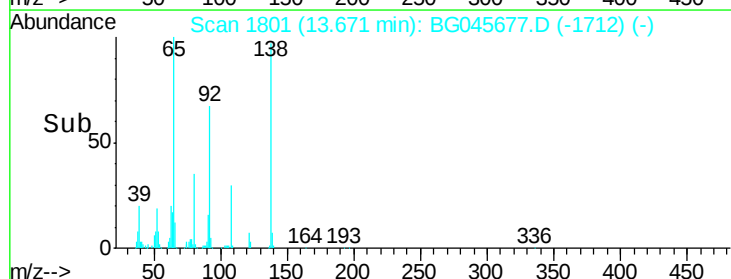
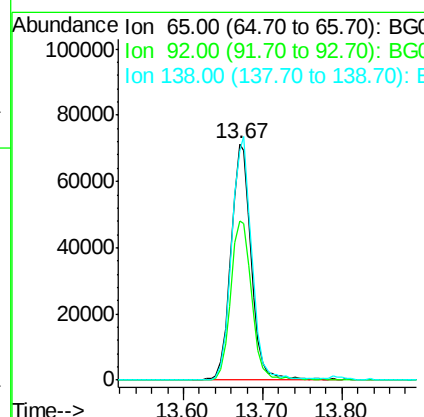
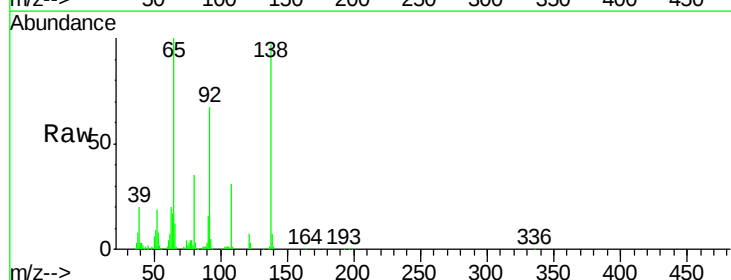
Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#48
2-Nitroaniline
Concen: 40.78 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	67.3	53.8	80.8
138	97.3	77.9	116.9





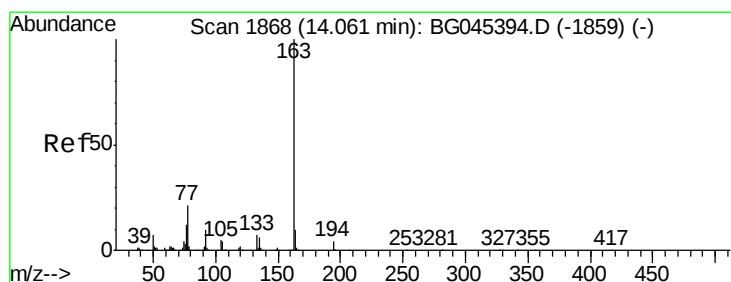
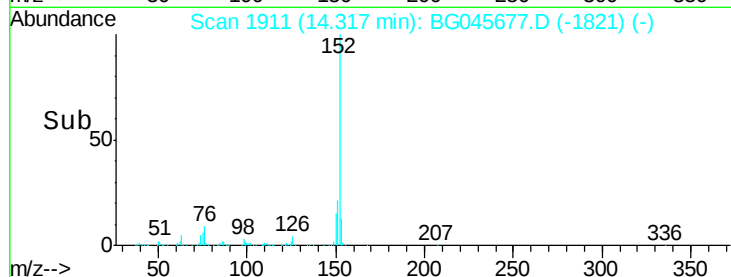
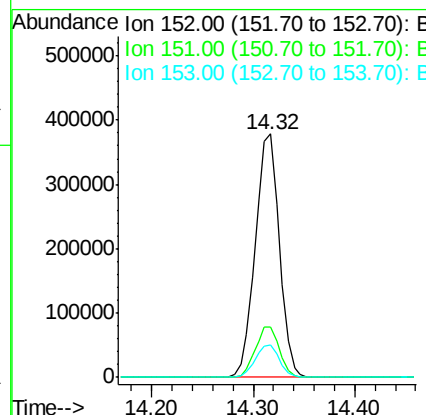
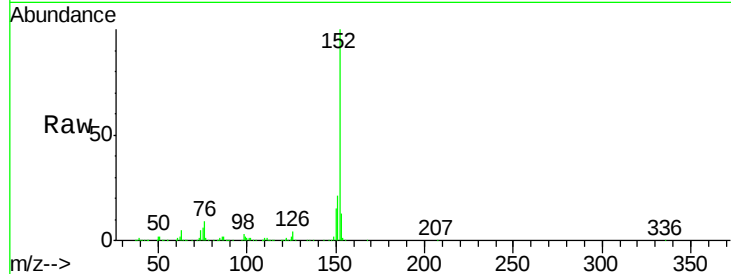
#49
Acenaphthylene
Concen: 41.66 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	20.6	17.4	26.2
153	13.2	10.7	16.1

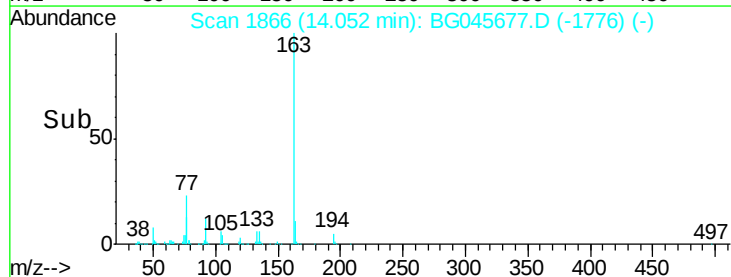
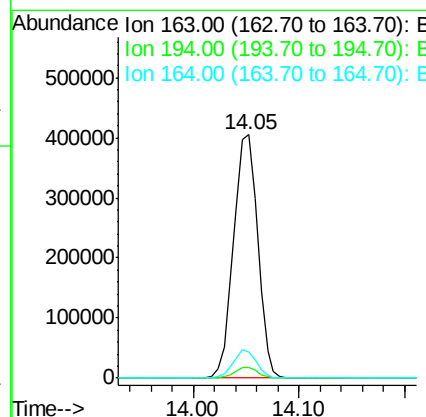
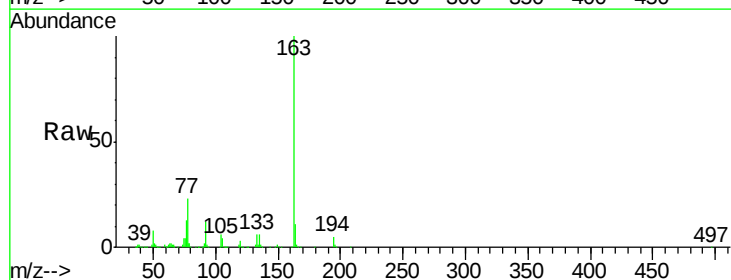
Manual Integrations
APPROVED

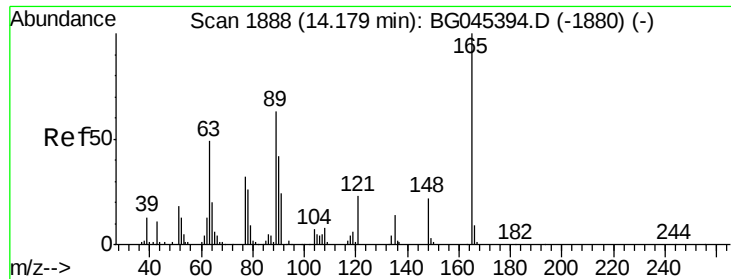
mohammad
6/10/2020 11:50:22 AM



#50
Dimethylphthalate
Concen: 49.77 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.6	3.2	4.8
164	10.7	8.3	12.5





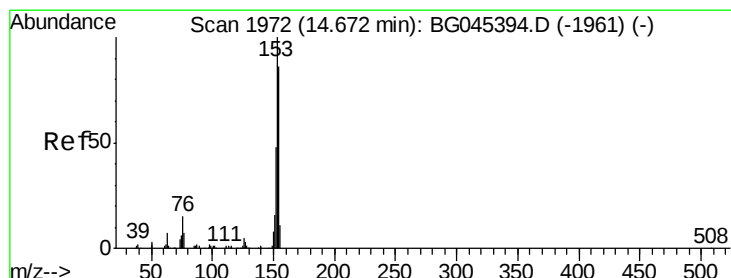
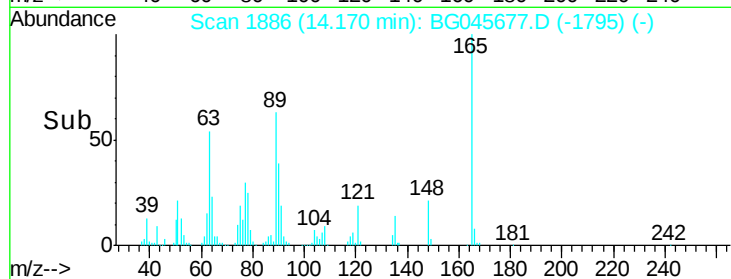
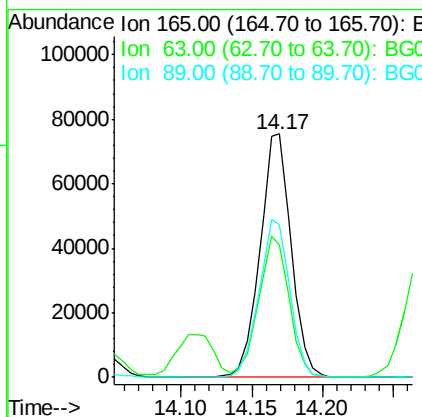
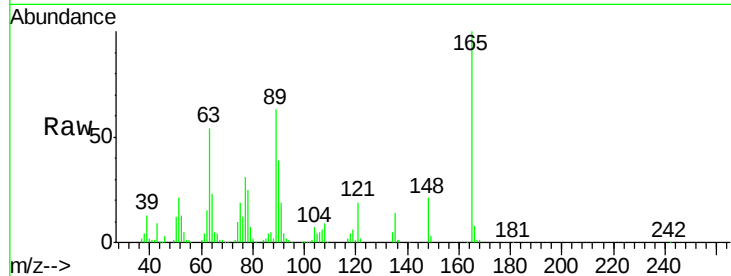
#51
 2,6-Dinitrotoluene
 Concen: 40.53 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Instrument :
 BNA_G
 ClientSampleId :
 GENMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.3	45.0	67.4
89	62.7	50.2	75.4

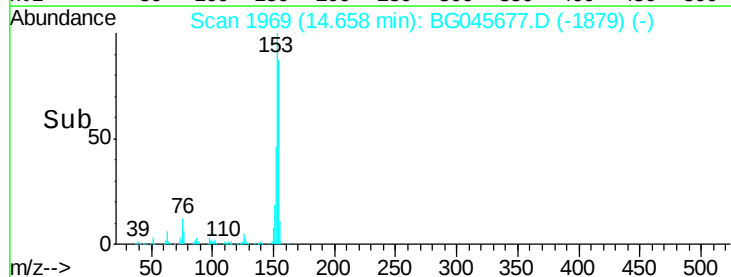
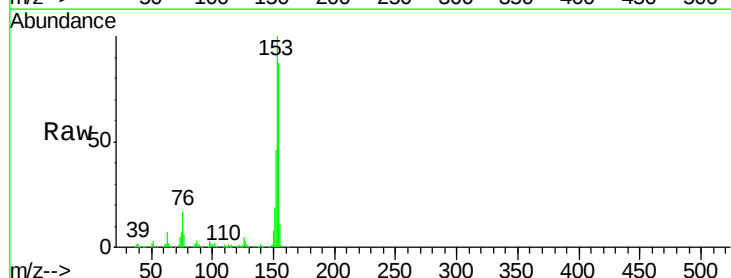
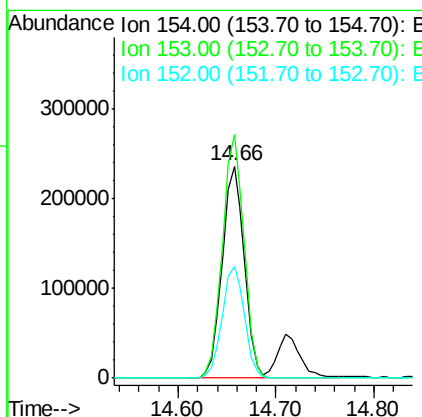
Manual Integrations
 APPROVED

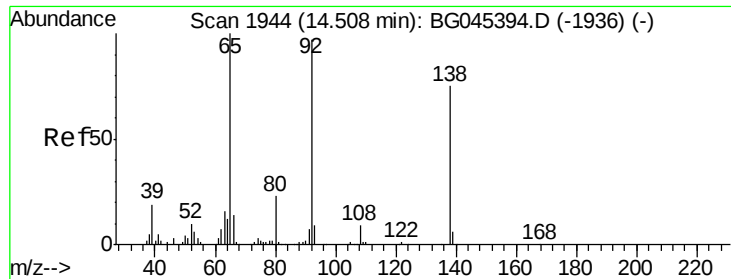
mohammad
 6/10/2020 11:50:22 AM



#52
 Acenaphthene
 Concen: 44.53 ng m
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	115.0	92.8	139.2
152	53.1	44.6	66.8





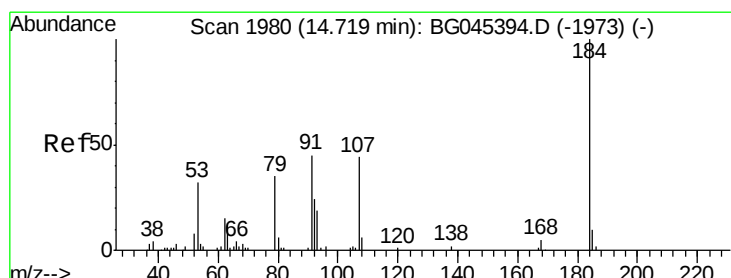
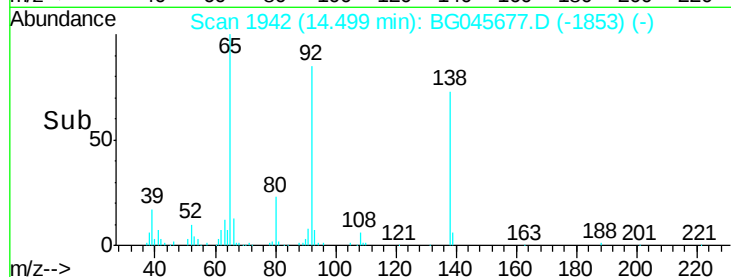
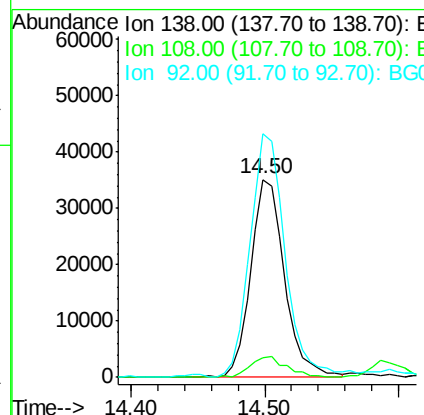
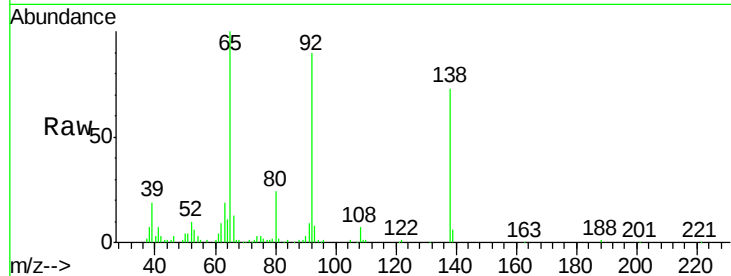
#53
 3-Nitroaniline
 Concen: 20.71 ng
 RT: 14.50 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Instrument :
 BNA_G
 ClientSampleId :
 GENMS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.8	14.6
92	123.1	103.0	154.4

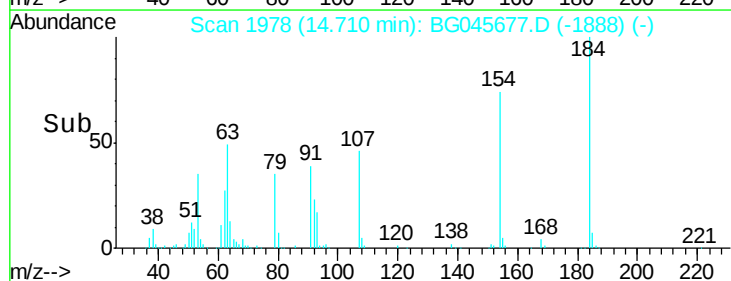
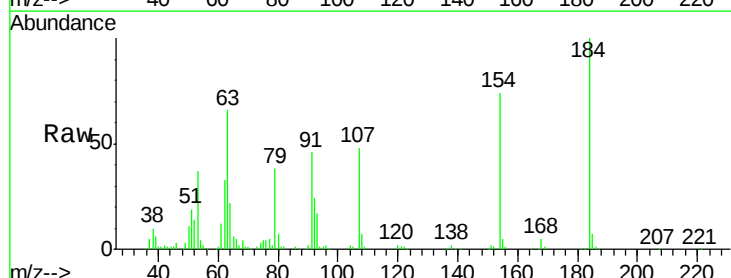
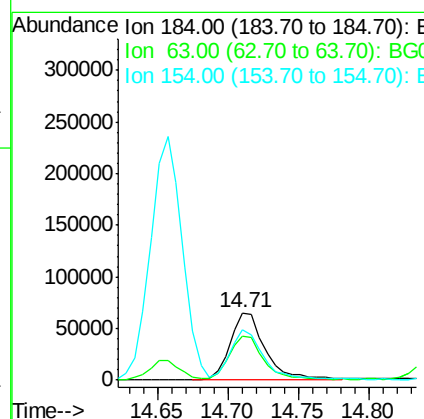
Manual Integrations
 APPROVED

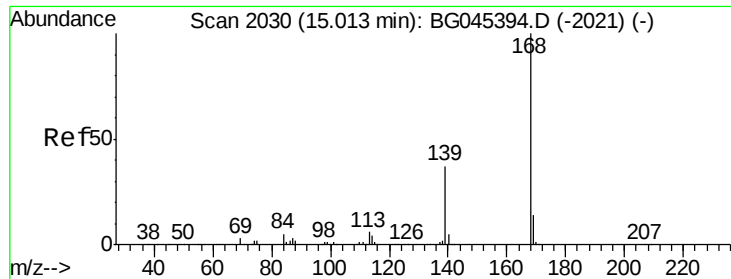
mohammad
 6/10/2020 11:50:22 AM



#54
 2,4-Dinitrophenol
 Concen: 61.32 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.7	47.8	71.6
154	74.3	58.3	87.5





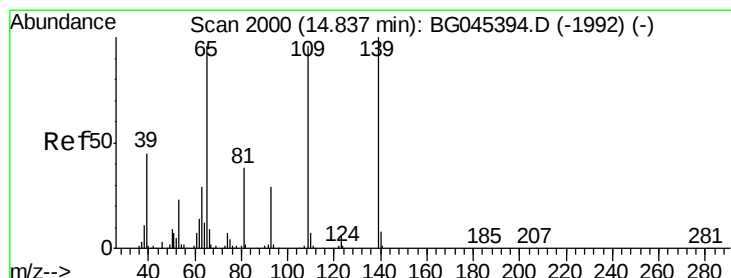
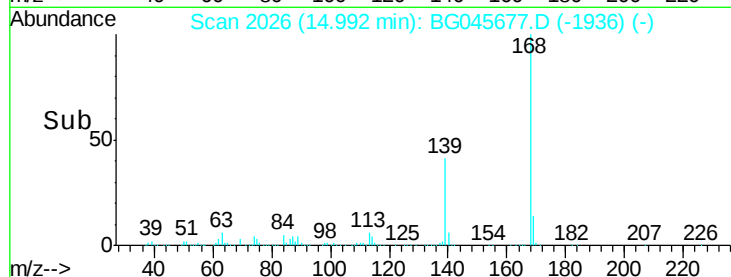
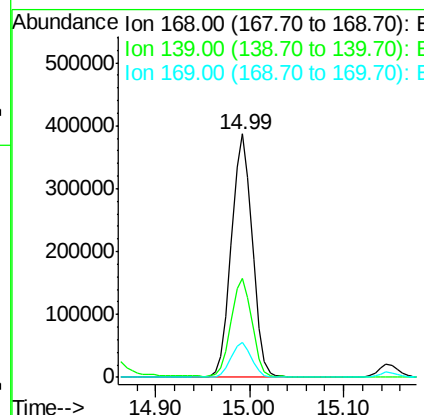
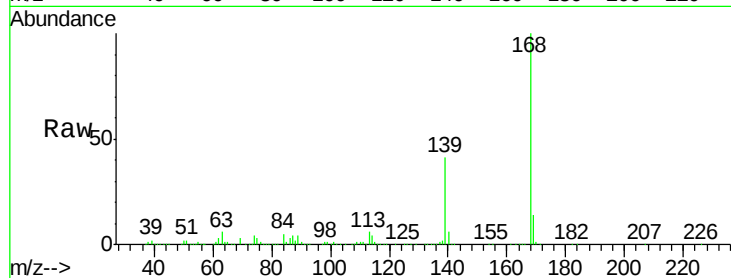
#55
Dibenzofuran
Concen: 40.15 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampled :
GENMS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.6	29.9	44.9
169	14.5	10.9	16.3

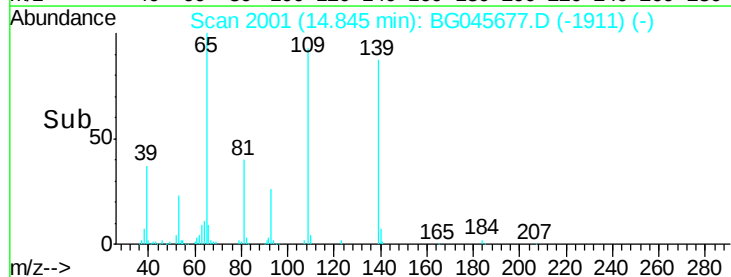
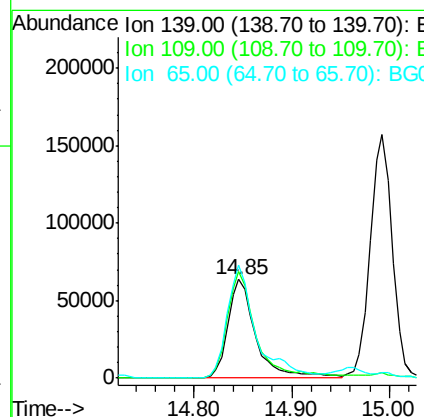
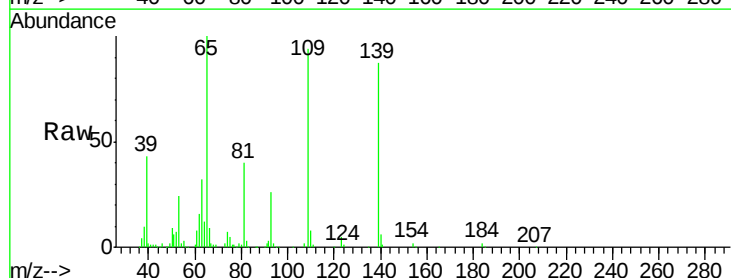
Manual Integrations
APPROVED

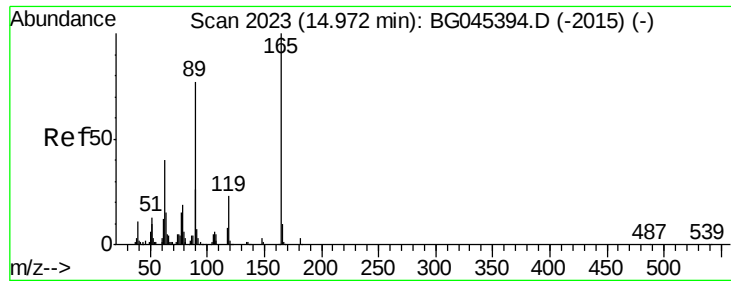
mohammad
6/10/2020 11:50:22 AM



#56
4-Nitrophenol
Concen: 57.26 ng
RT: 14.85 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	108.1	75.6	115.6
65	114.8	76.8	116.8





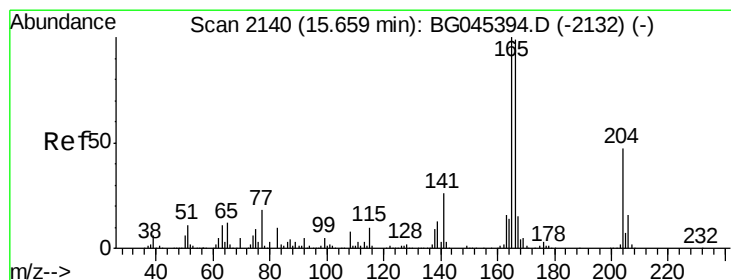
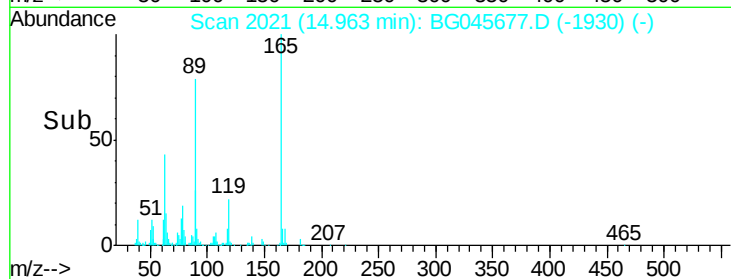
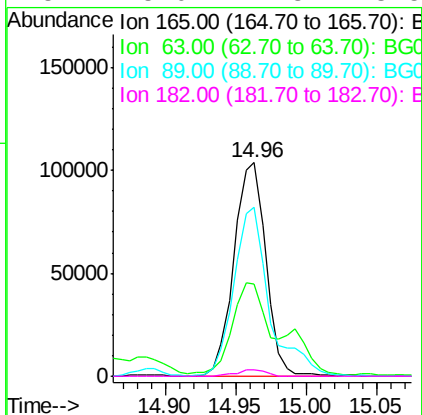
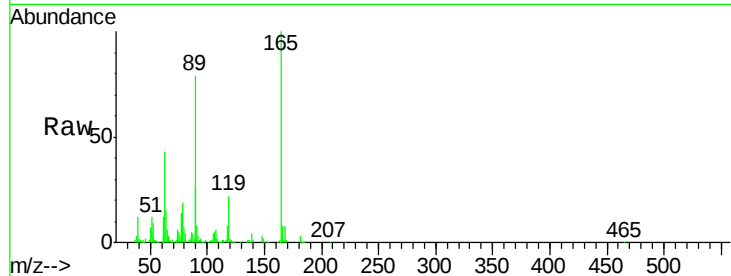
#57
2,4-Dinitrotoluene
Concen: 38.97 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	43.4	32.5	48.7
89	78.8	61.8	92.6
182	3.0	2.3	3.5

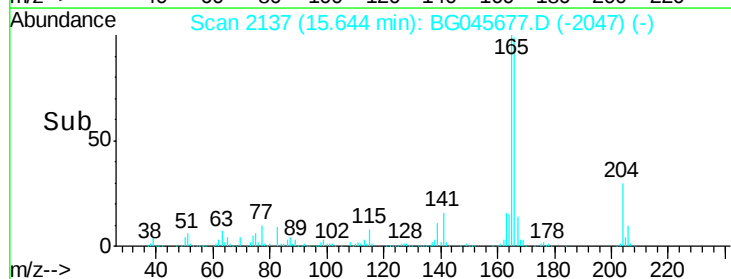
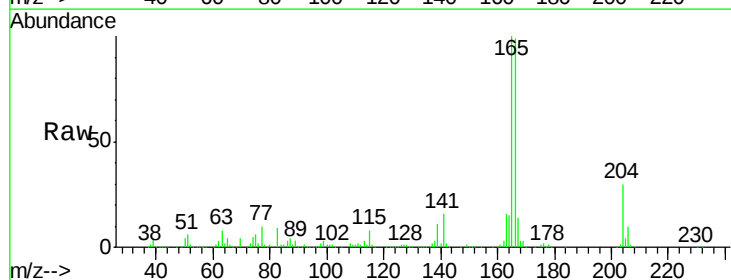
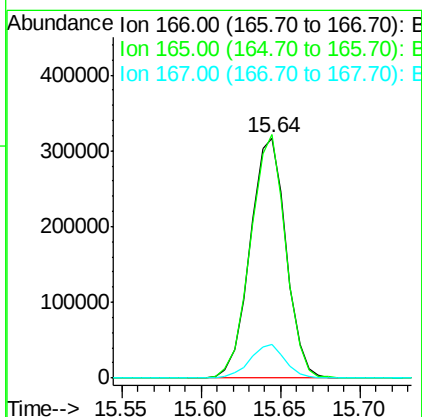
Manual Integrations
APPROVED

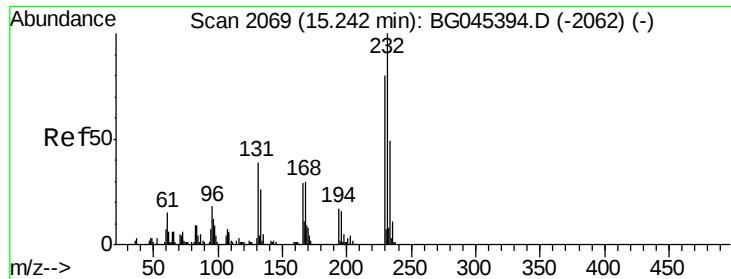
mohammad
6/10/2020 11:50:22 AM



#58
Fluorene
Concen: 40.69 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	101.4	80.8	121.2
167	14.1	12.0	18.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.31 ng

RT: 15.23 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BG045677.D

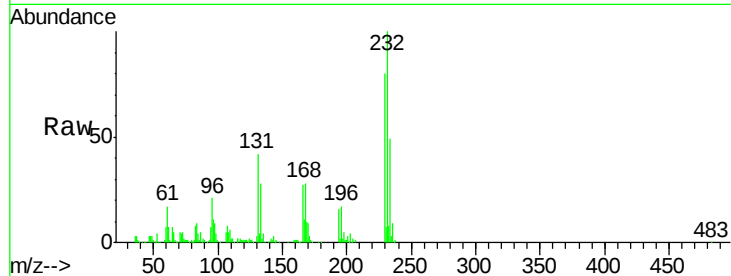
Acq: 10 Jun 2020 2:35

Instrument :

BNA_G

ClientSampleId :

GENMS



Tgt Ion: 232 Resp: 150752

Ion Ratio Lower Upper

232 100

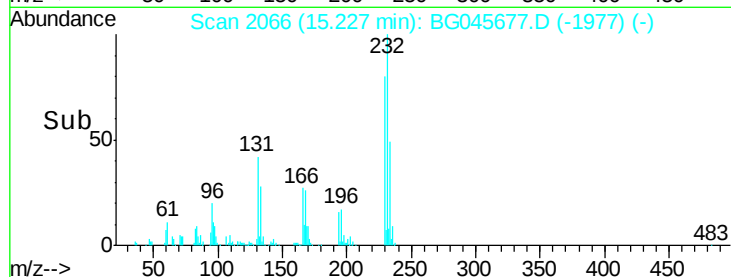
131 41.0 33.7 50.5

130 2.4 2.1 3.1

166 27.5 23.2 34.8

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM

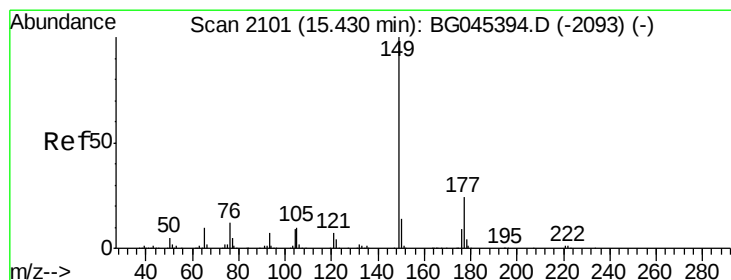
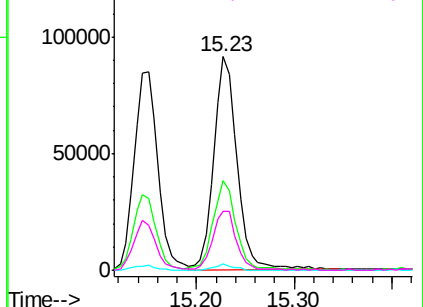


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.30 ng

RT: 15.42 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

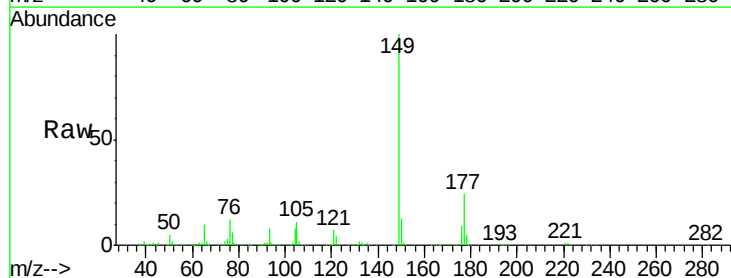
Tgt Ion: 149 Resp: 524981

Ion Ratio Lower Upper

149 100

177 24.0 19.0 28.4

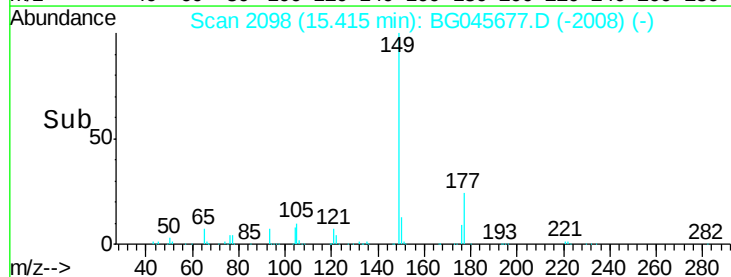
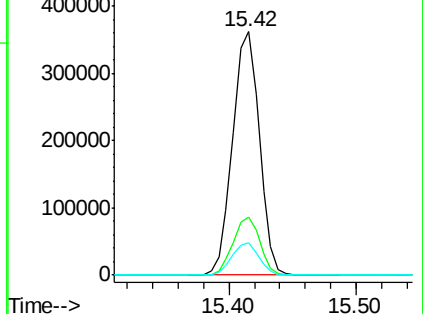
150 13.1 11.4 17.0

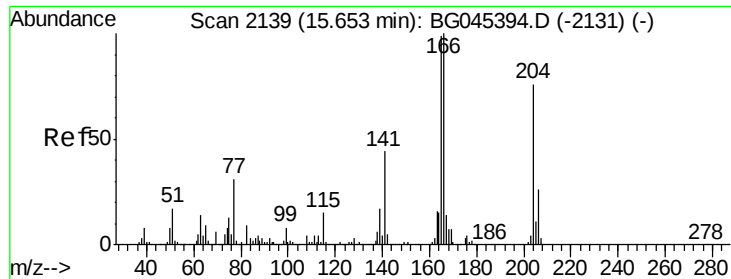


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





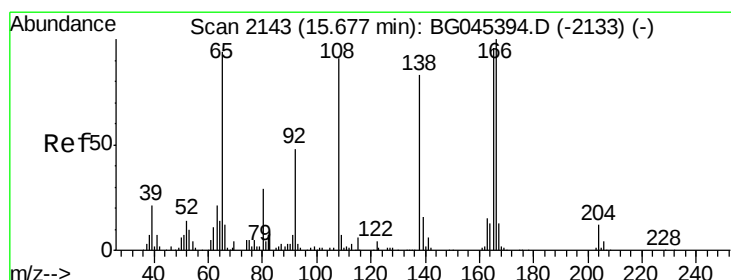
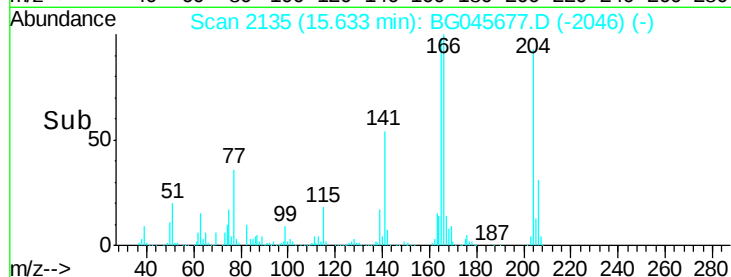
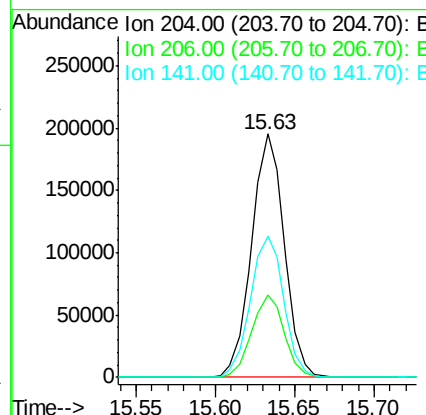
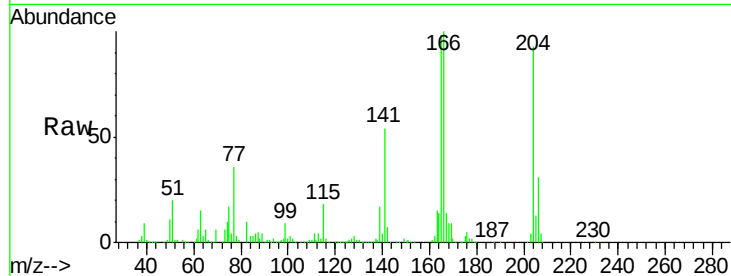
#61
4-Chlorophenyl-phenylether
Concen: 39.90 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampled :
GENMS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	279584		
206	33.6	27.3	40.9	
141	57.9	45.9	68.9	

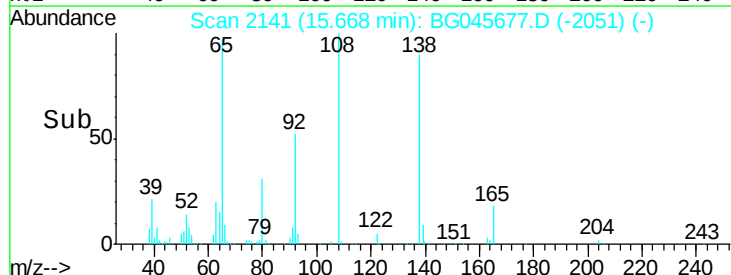
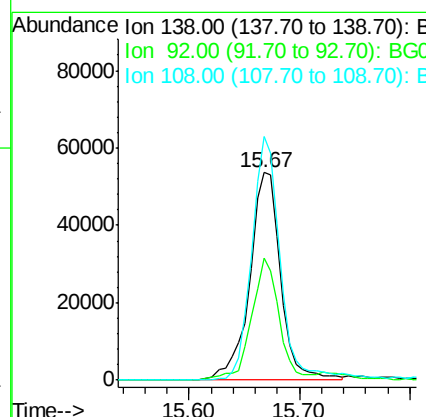
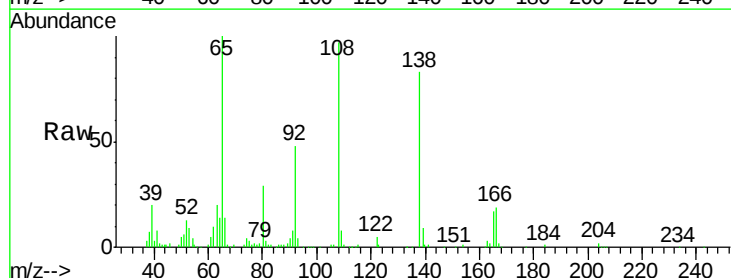
Manual Integrations
APPROVED

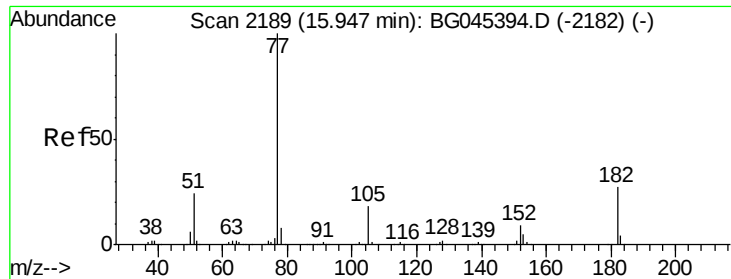
mohammad
6/10/2020 11:50:22 AM



#62
4-Nitroaniline
Concen: 34.49 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	106015		
92	58.5	38.0	78.0	
108	117.3	89.3	129.3	





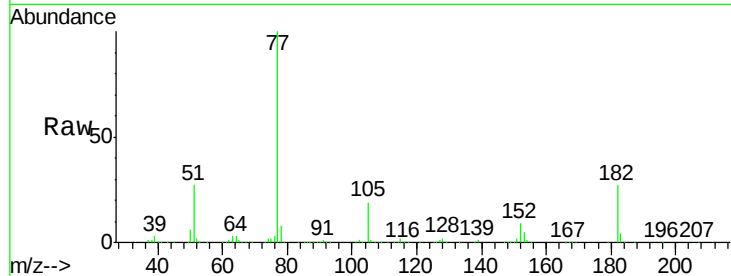
#63
Azobenzene
Concen: 41.73 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

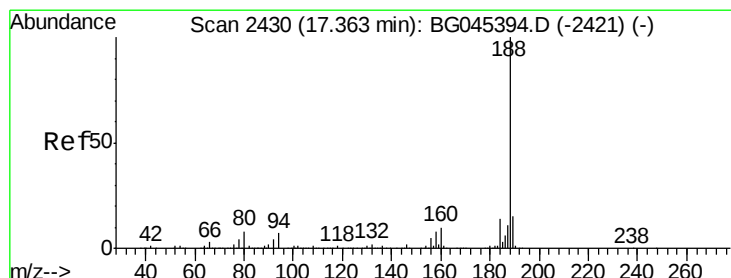
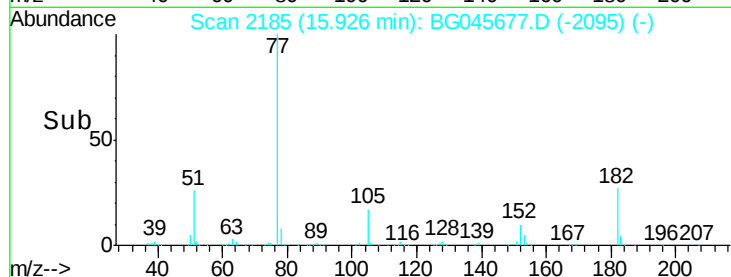
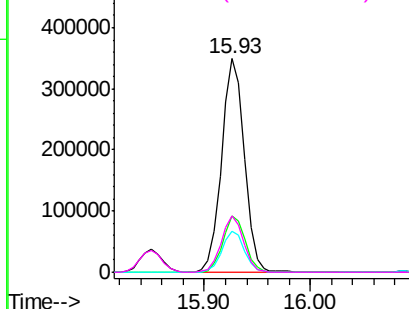
Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.6	6.5	46.5
105	19.3	0.0	37.9
51	26.6	4.1	44.1

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM

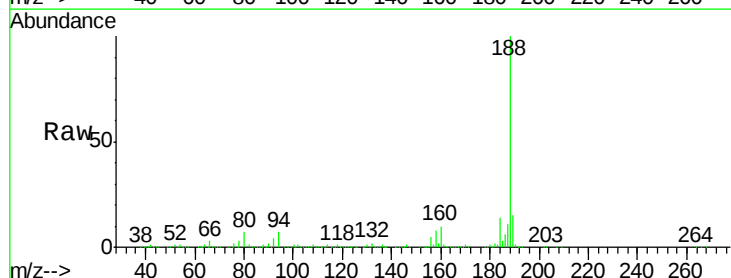


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

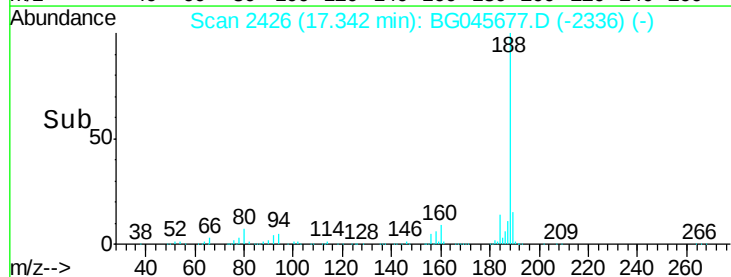
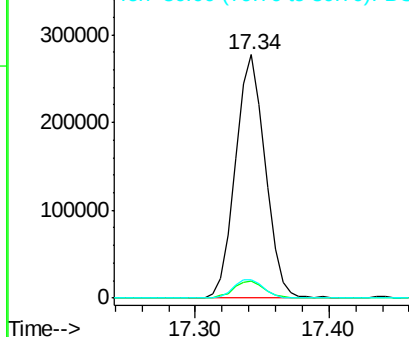


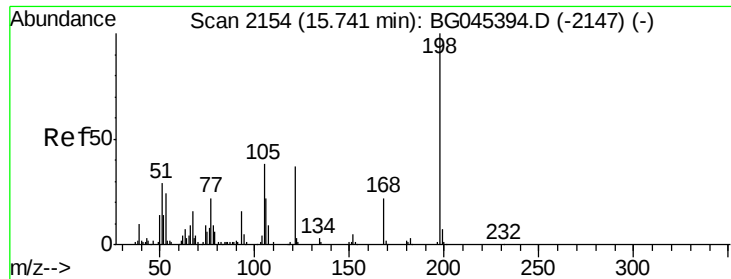
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.5	8.3
80	7.5	6.6	10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





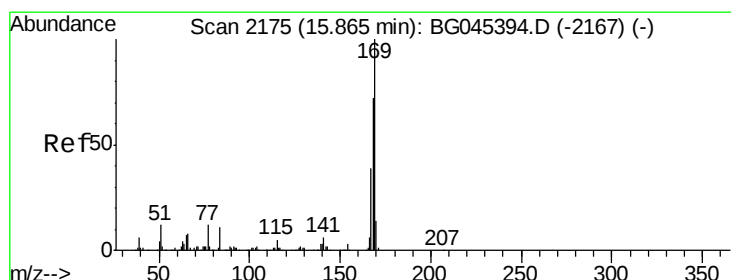
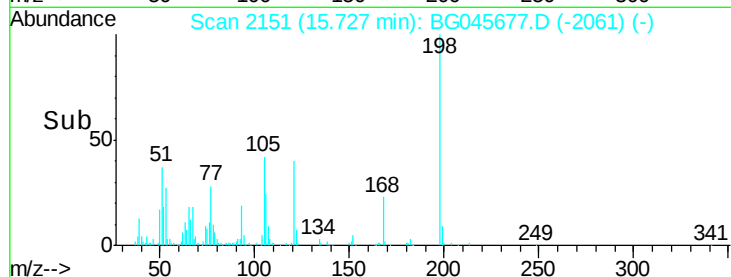
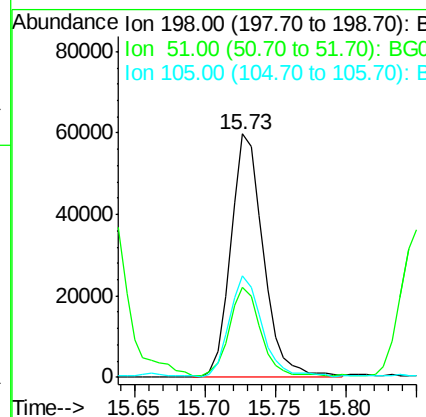
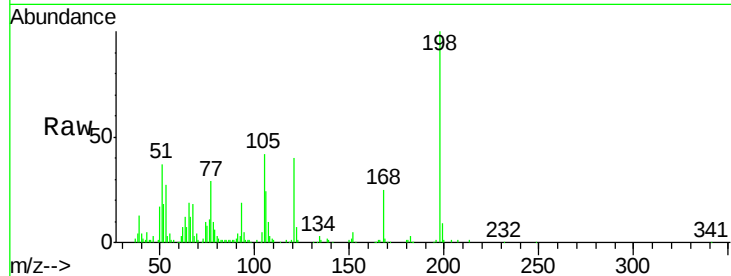
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.58 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Instrument :
 BNA_G
 ClientSampleId :
 GENMS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	96026		
51	37.2	10.0	50.0	
105	41.7	18.9	58.9	

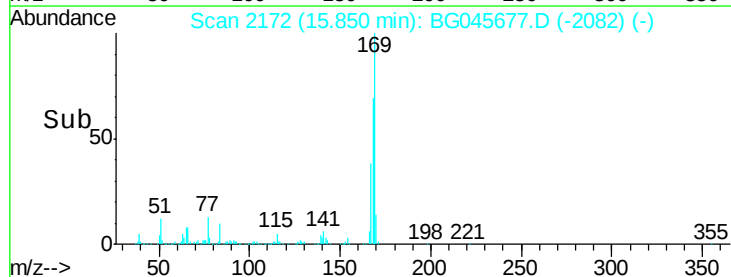
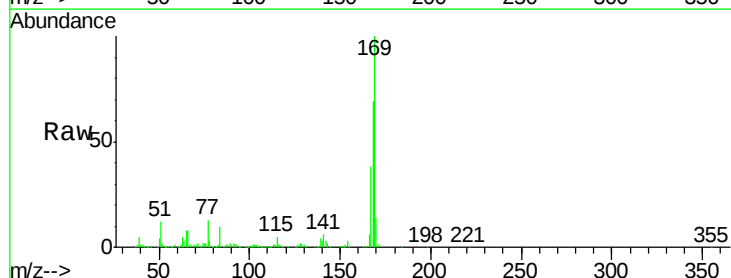
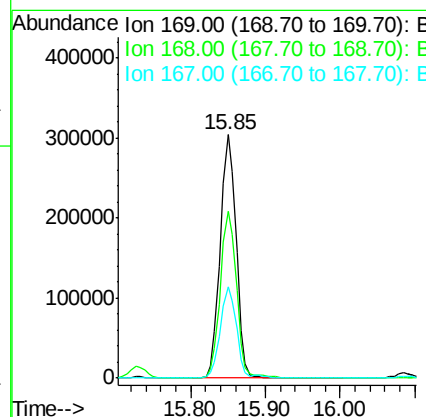
Manual Integrations
 APPROVED

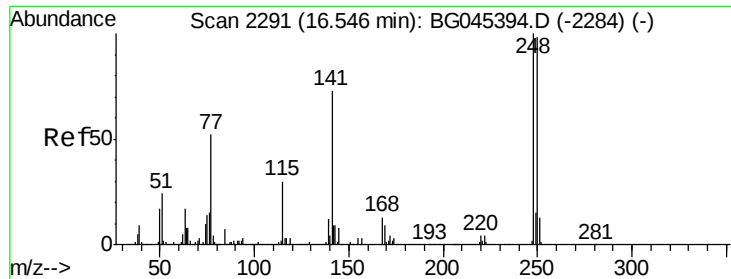
mohammad
 6/10/2020 11:50:22 AM



#66
 n-Nitrosodiphenylamine
 Concen: 43.81 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	449525		
168	68.8	57.8	86.6	
167	37.7	31.5	47.3	





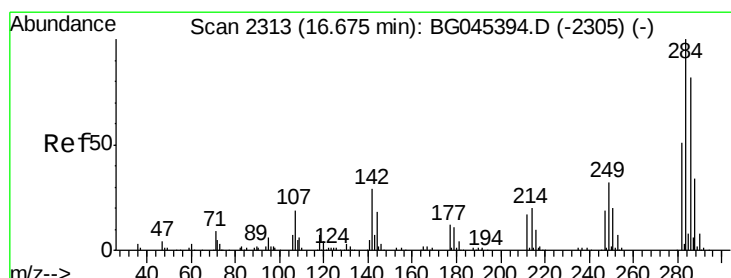
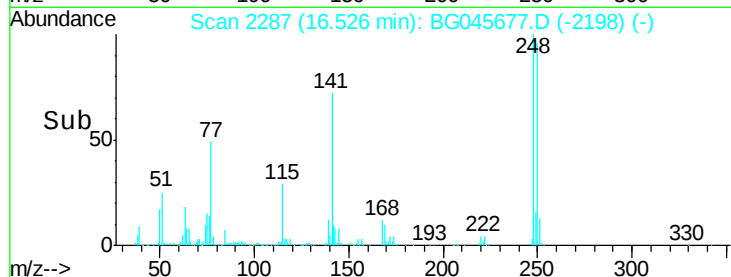
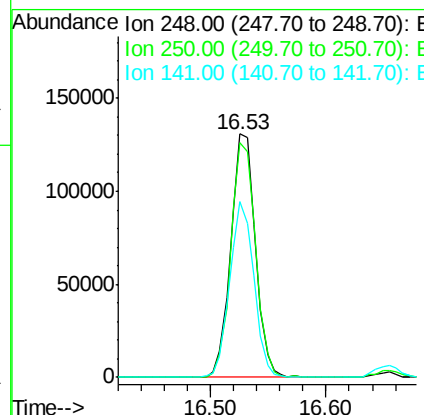
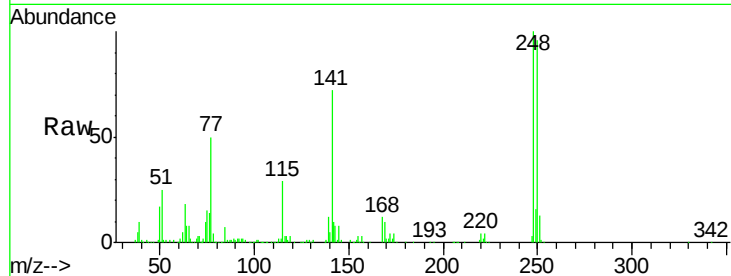
#67
 4-Bromophenyl-phenylether
 Concen: 41.71 ng
 RT: 16.53 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Instrument :
 BNA_G
 ClientSampleId :
 GENMS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.6	117.8
141	72.1	58.2	87.2

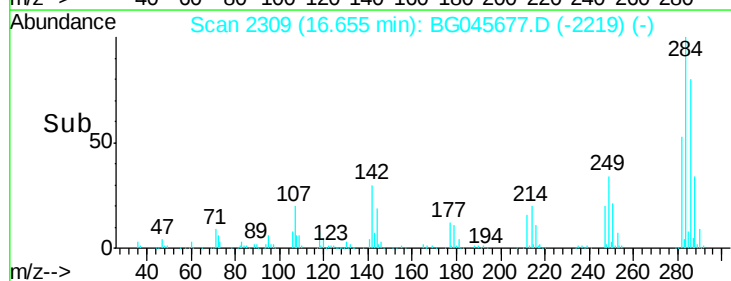
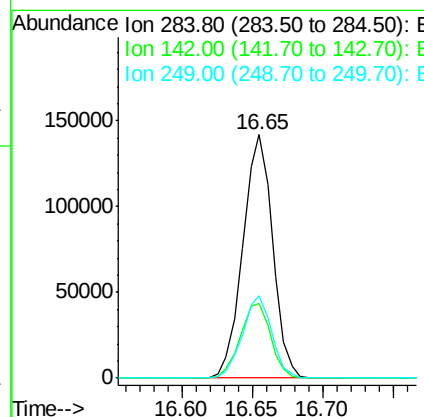
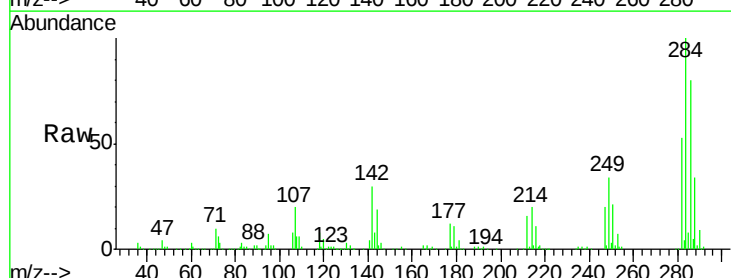
Manual Integrations
 APPROVED

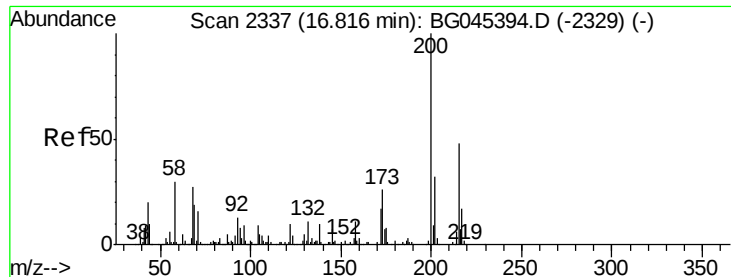
mohammad
 6/10/2020 11:50:22 AM



#68
 Hexachlorobenzene
 Concen: 43.23 ng
 RT: 16.65 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	23.0	34.6
249	33.9	25.8	38.6





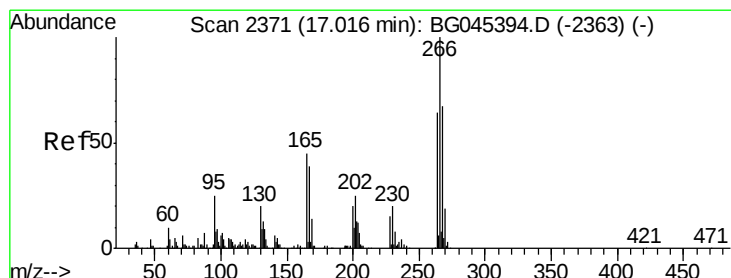
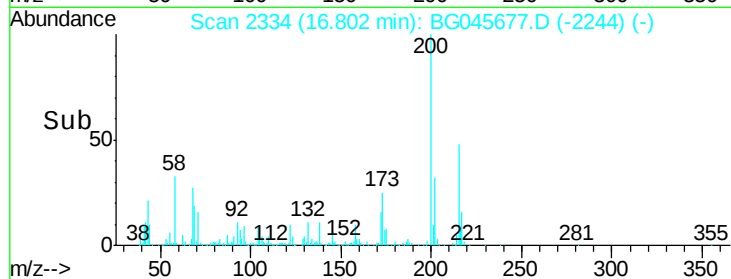
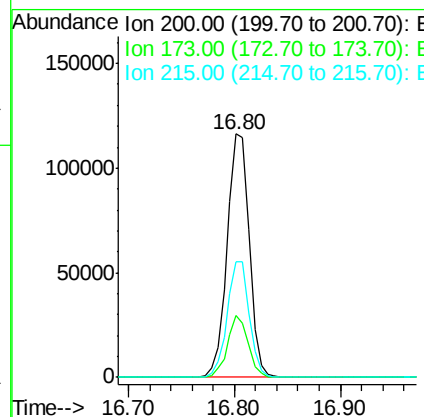
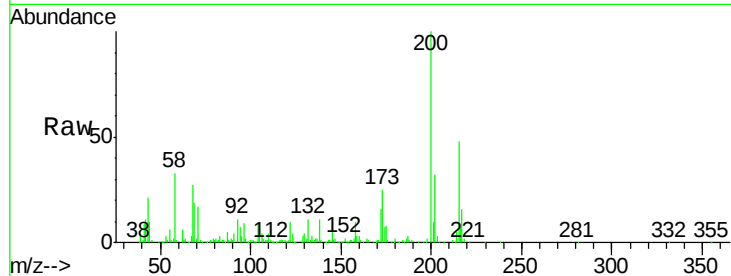
#69
Atrazine
Concen: 39.98 ng
RT: 16.80 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt	Ion	Ratio	Resp	Lower	Upper
200	100		168952		
173	25.4	5.5	45.5		
215	47.7	28.2	68.2		

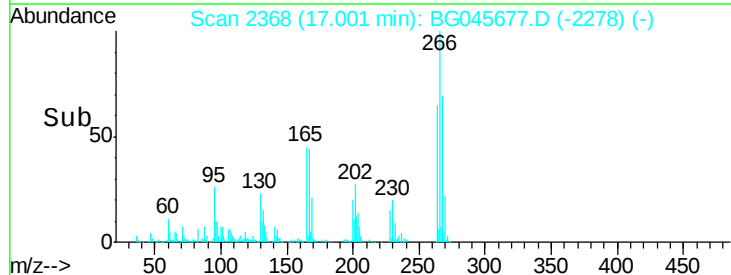
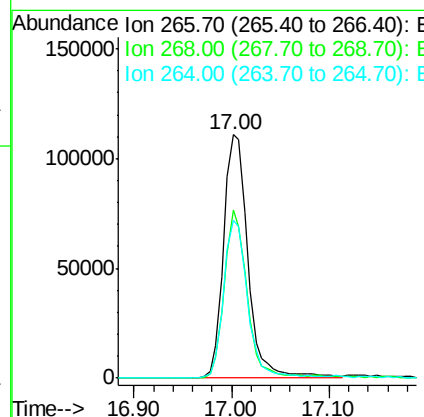
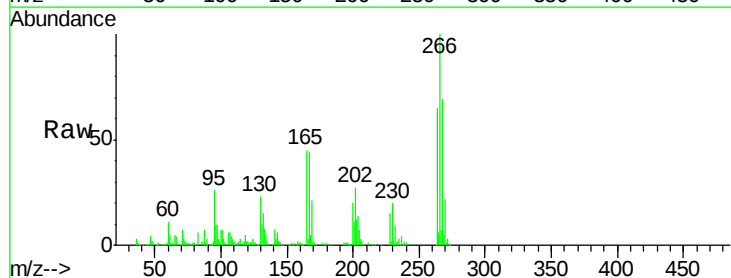
Manual Integrations
APPROVED

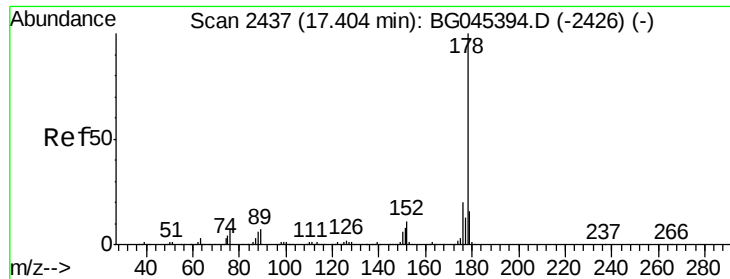
mohammad
6/10/2020 11:50:22 AM



#70
Pentachlorophenol
Concen: 77.00 ng
RT: 17.00 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt	Ion	Ratio	Resp	Lower	Upper
266	100		193504		
268	68.9	53.2	79.8		
264	65.0	51.0	76.4		





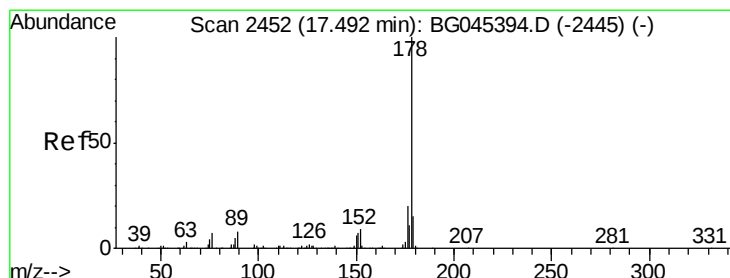
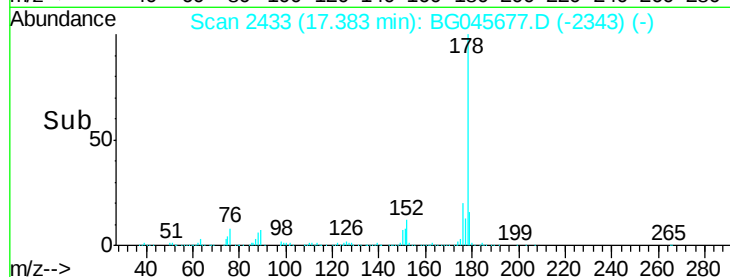
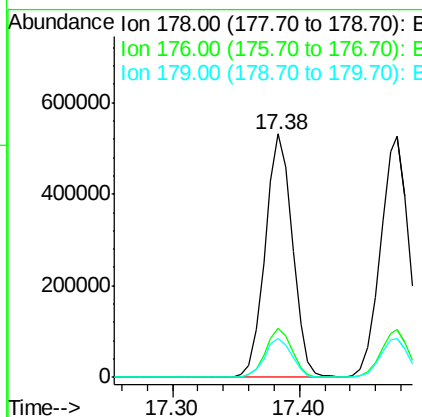
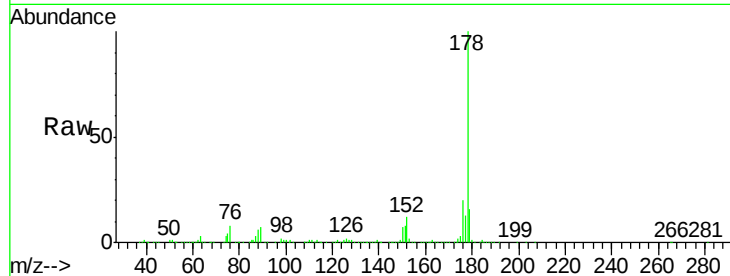
#71
Phenanthrene
Concen: 42.52 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.1	13.1	19.7

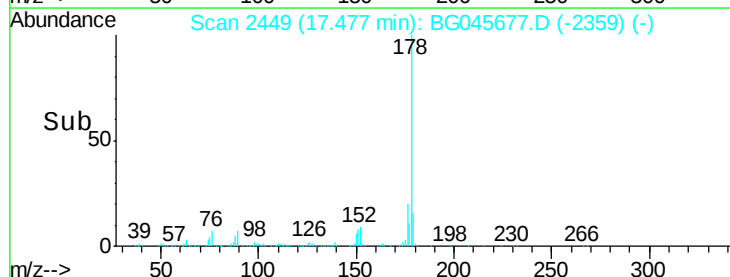
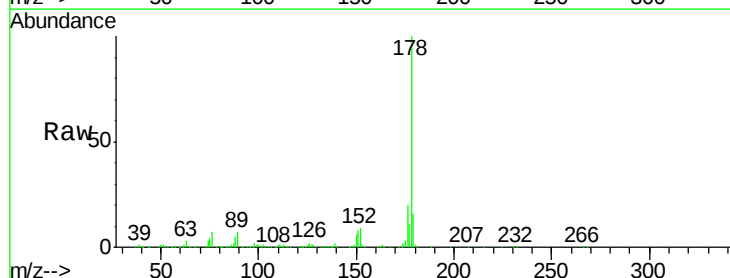
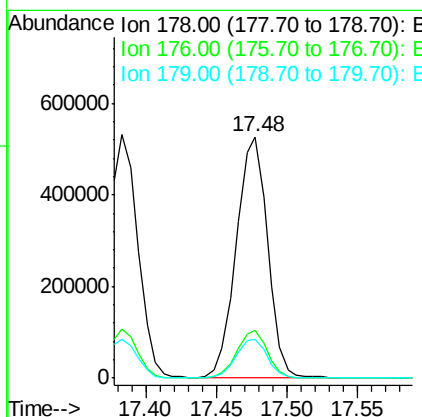
Manual Integrations
APPROVED

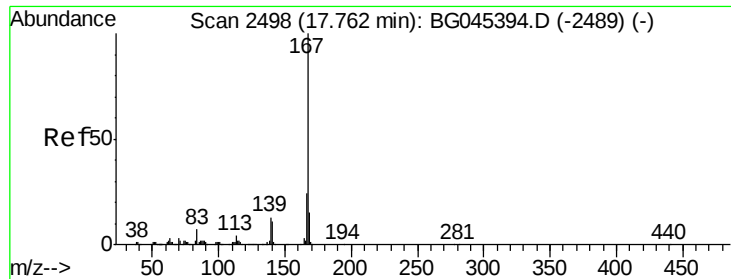
mohammad
6/10/2020 11:50:22 AM



#72
Anthracene
Concen: 43.34 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	16.1	12.2	18.4





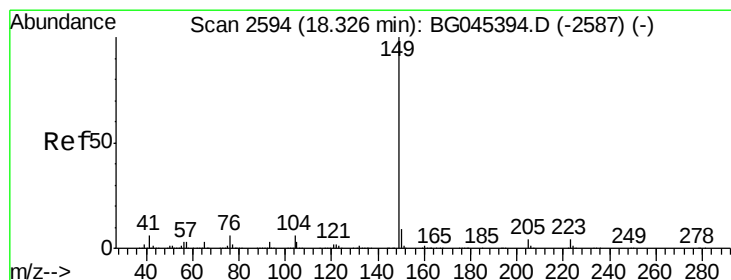
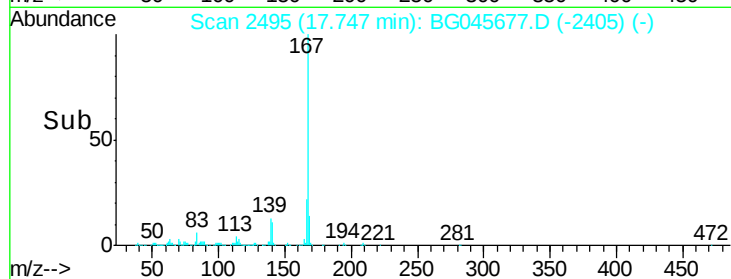
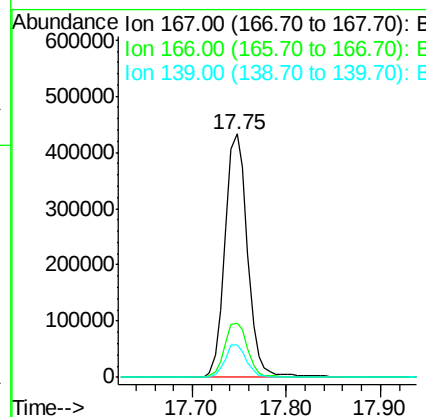
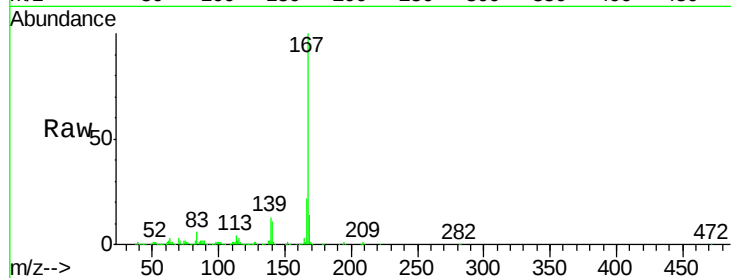
#73
 Carbazole
 Concen: 39.74 ng
 RT: 17.75 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Instrument :
 BNA_G
 ClientSampled :
 GENMS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	725757		
166	22.4	19.2	28.8	
139	13.2	10.6	16.0	

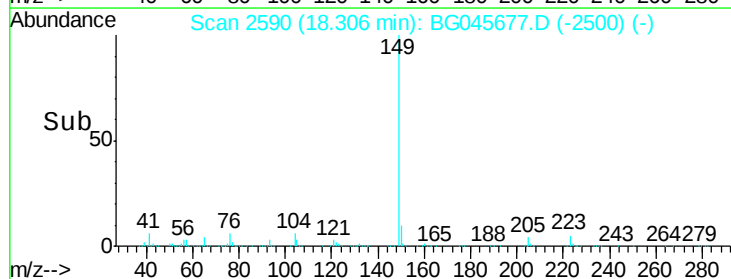
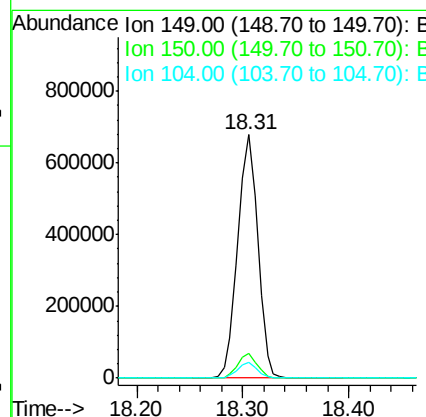
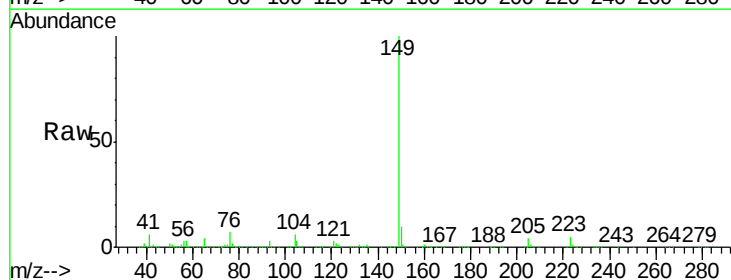
Manual Integrations
 APPROVED

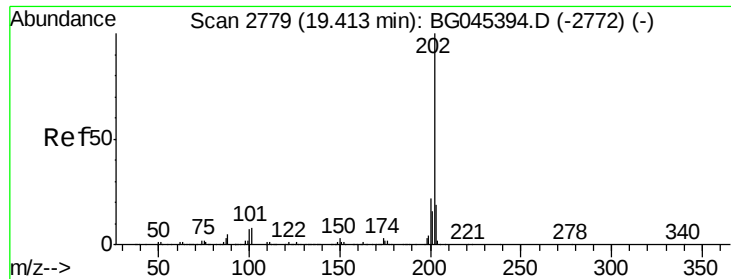
mohammad
 6/10/2020 11:50:22 AM



#74
 Di-n-butylphthalate
 Concen: 40.47 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	886971		
150	10.2	7.6	11.4	
104	6.3	5.0	7.4	





#75

Fluoranthene

Concen: 40.41 ng

RT: 19.39 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Instrument :

BNA_G

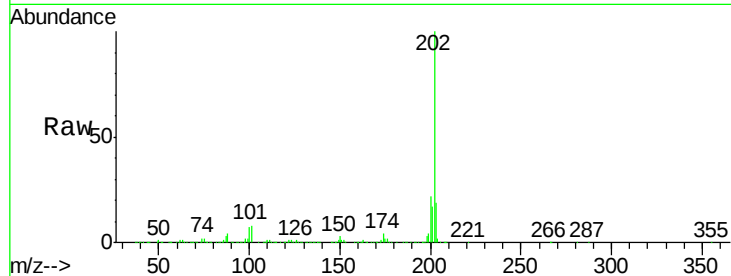
ClientSampleId :

GENMS

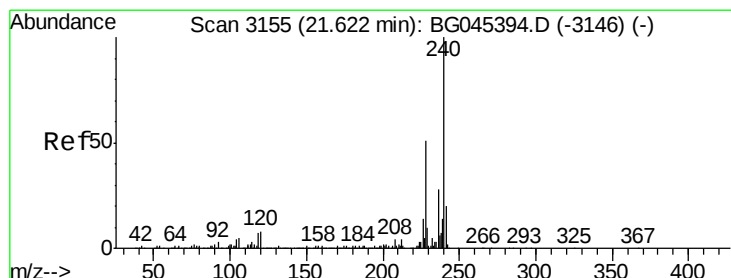
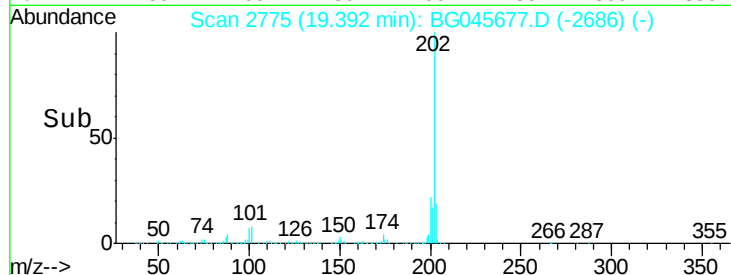
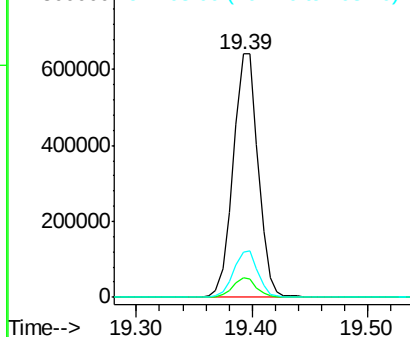
Tgt	Ion	202	Resp:	958833
Ion	Ratio	Lower	Upper	
202	100			
101	8.1	0.0	28.3	
203	18.8	0.0	39.0	

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 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: 20.00 ng

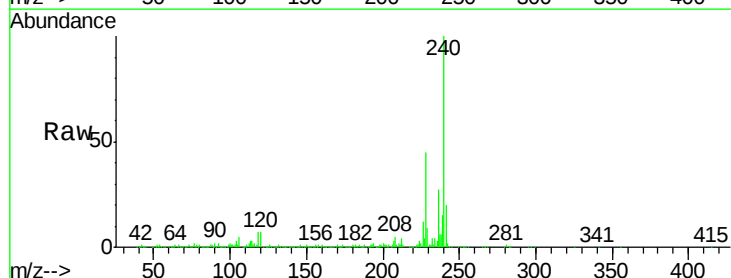
RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

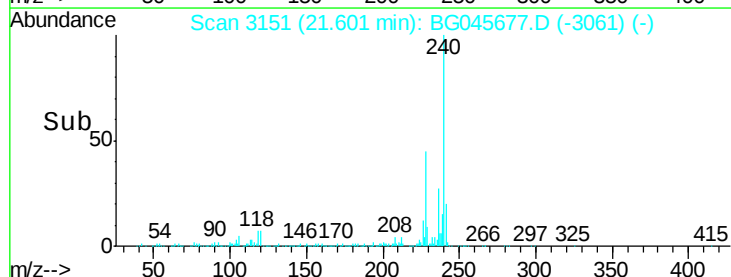
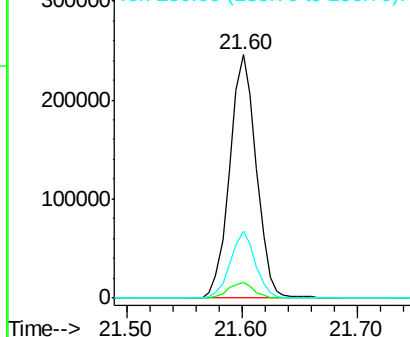
Lab File: BG045677.D

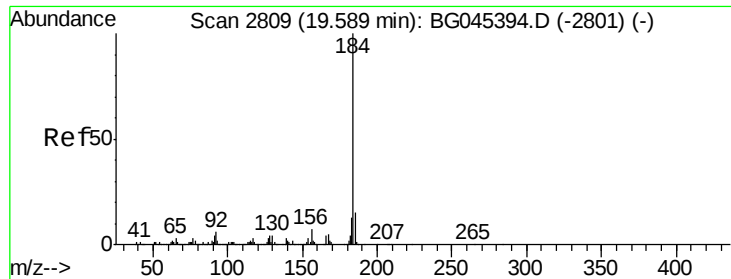
Acq: 10 Jun 2020 2:35

Tgt	Ion	240	Resp:	391455
Ion	Ratio	Lower	Upper	
240	100			
120	6.7	6.1	9.1	
236	27.4	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: 16.47 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Instrument :

BNA_G

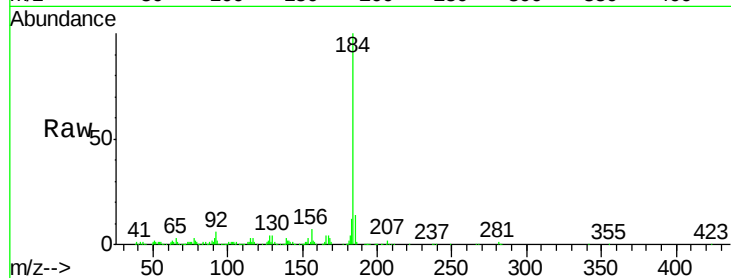
ClientSampleId :

GENMS

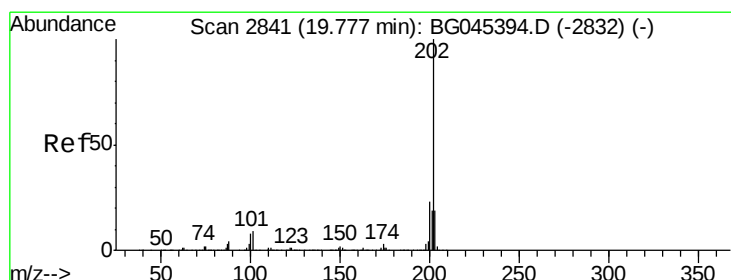
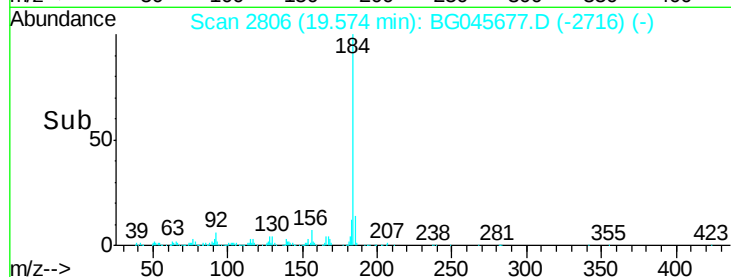
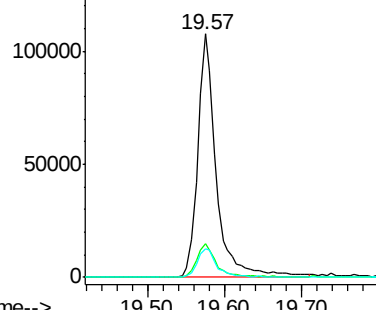
Tgt Ion:	184	Resp:	181054
Ion Ratio		Lower	Upper
184	100		
185	13.8	11.7	17.5
183	11.8	10.2	15.4

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



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



#78

Pyrene

Concen: 42.99 ng

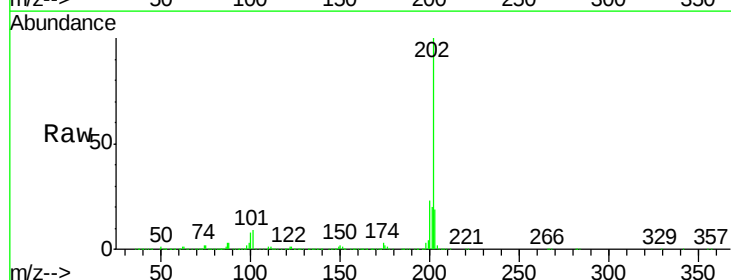
RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

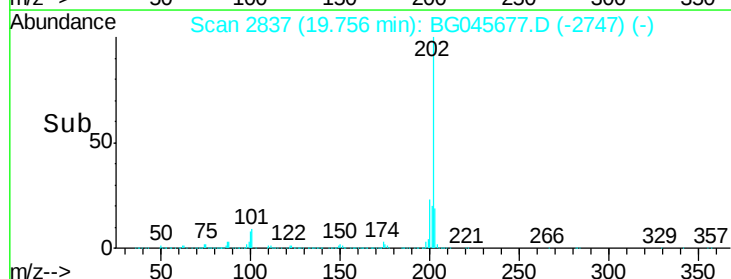
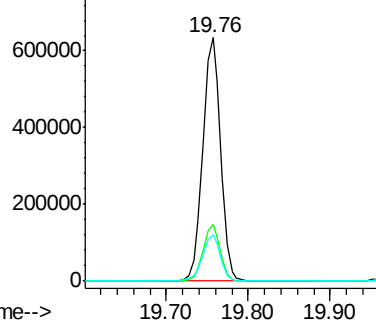
Lab File: BG045677.D

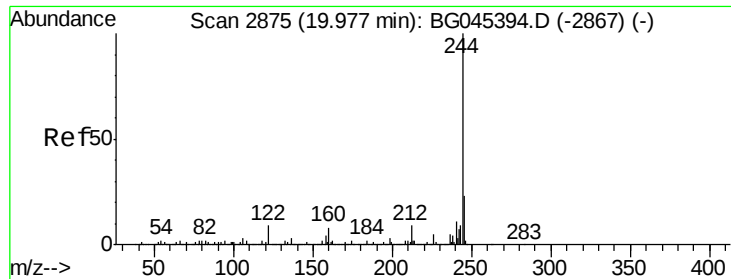
Acq: 10 Jun 2020 2:35

Tgt Ion:	202	Resp:	959327
Ion Ratio		Lower	Upper
202	100		
200	23.1	18.2	27.2
203	19.0	15.1	22.7



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





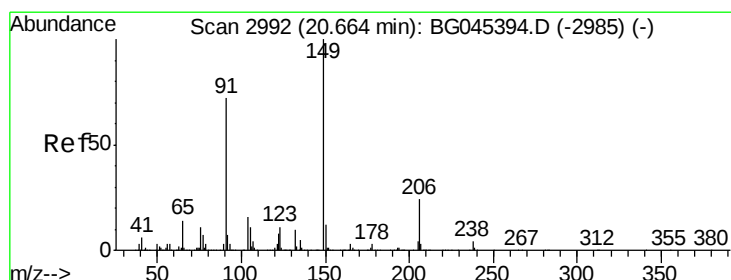
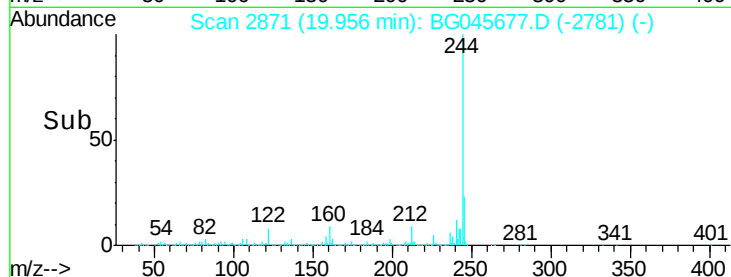
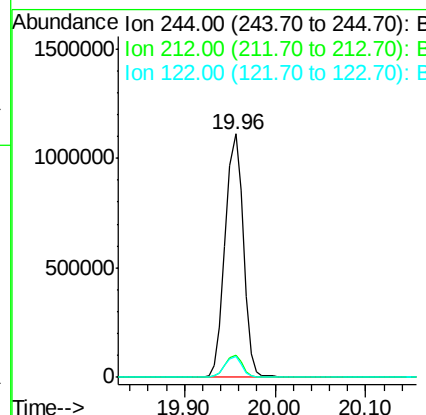
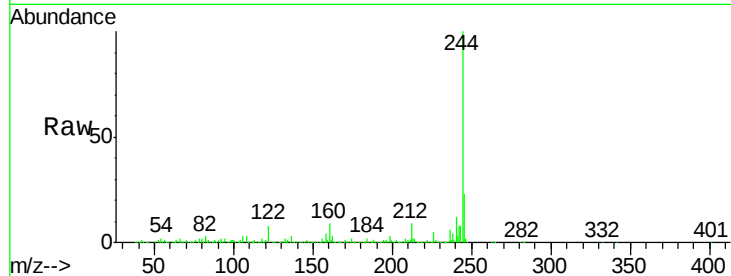
#79
 Terphenyl-d14
 Concen: 92.06 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Instrument :
 BNA_G
 ClientSampleId :
 GENMS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.0
122	8.5	6.8	10.2

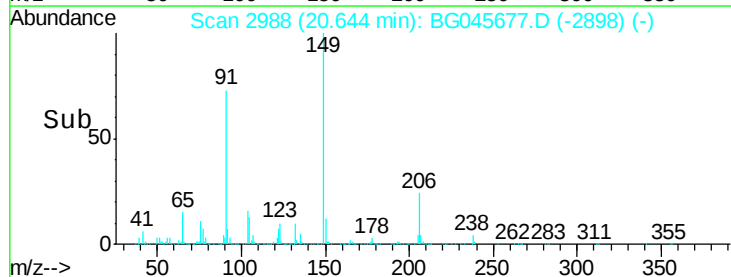
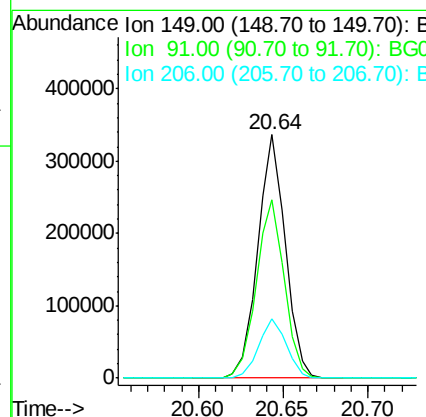
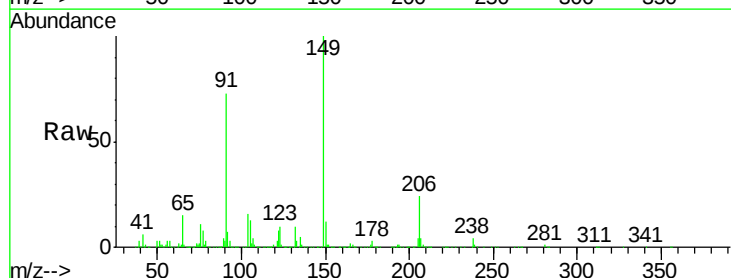
Manual Integrations
 APPROVED

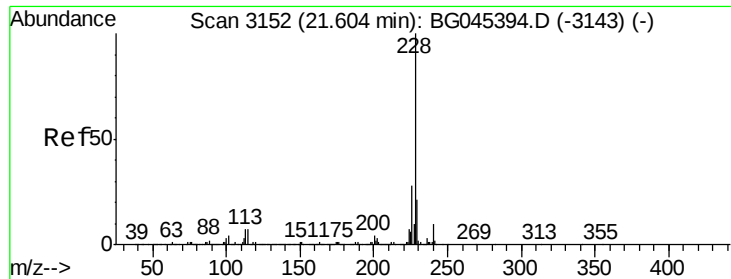
mohammad
 6/10/2020 11:50:22 AM



#80
 Butylbenzylphthalate
 Concen: 39.85 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: BG045677.D
 Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.2	57.8	86.6
206	24.1	19.1	28.7





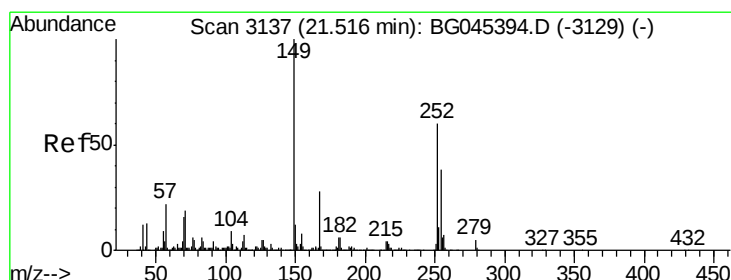
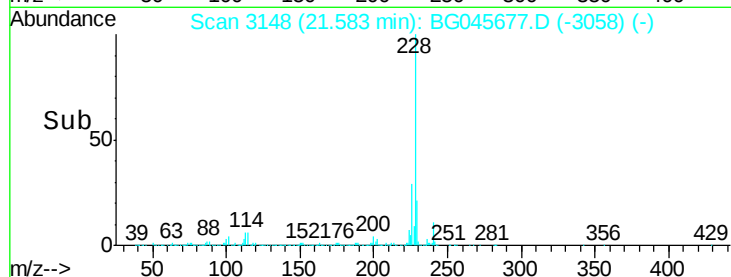
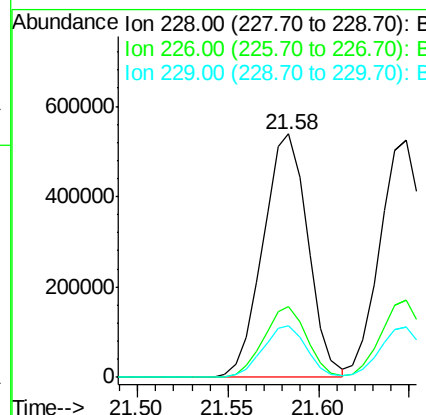
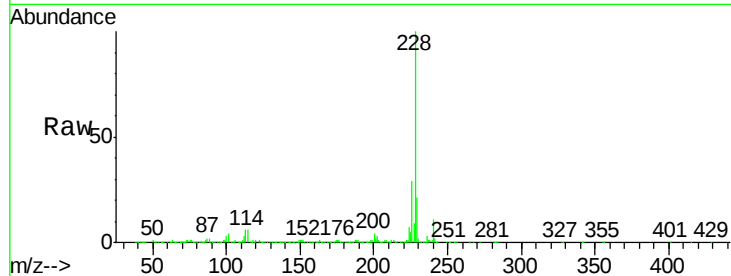
#81
Benzo(a)anthracene
Concen: 42.42 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	21.4	16.7	25.1

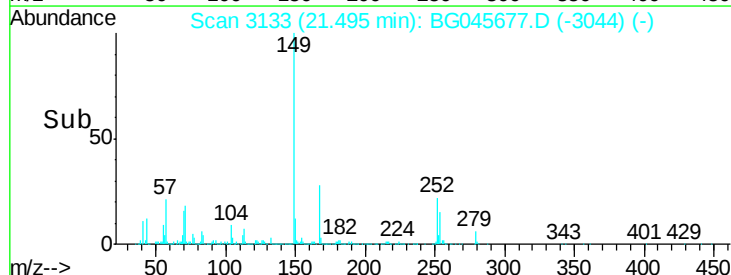
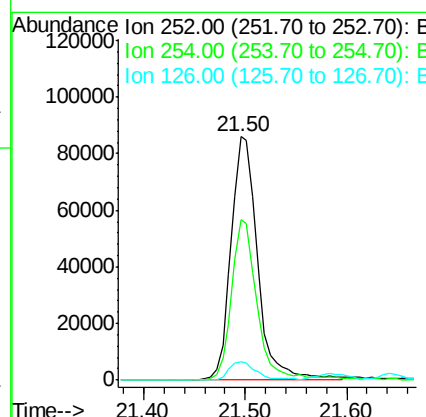
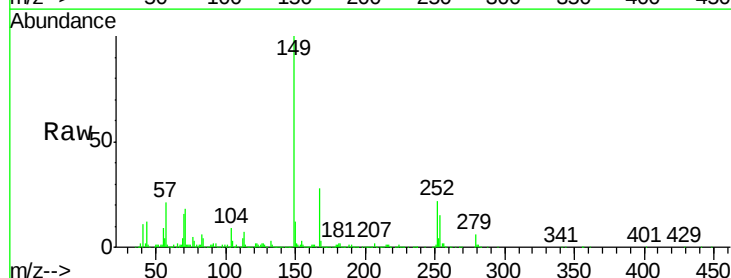
Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#82
3,3'-Dichlorobenzidine
Concen: 18.37 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.3	76.9
126	7.6	6.6	10.0





#83

Chrysene

Concen: 42.49 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Instrument :

BNA_G

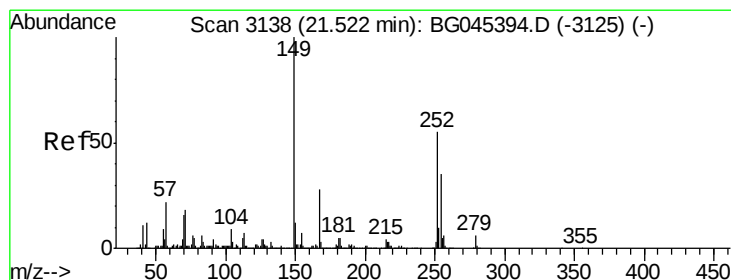
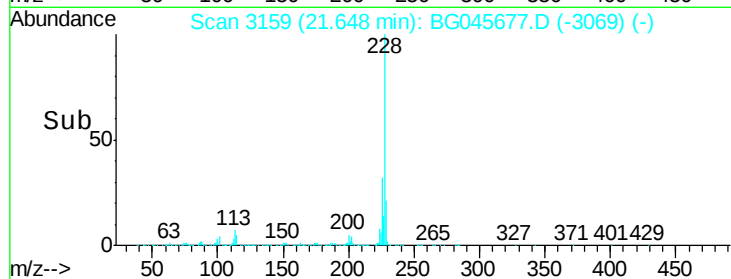
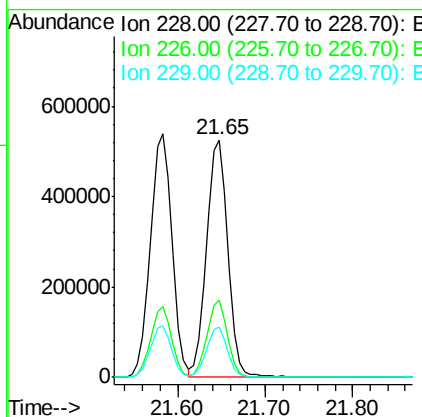
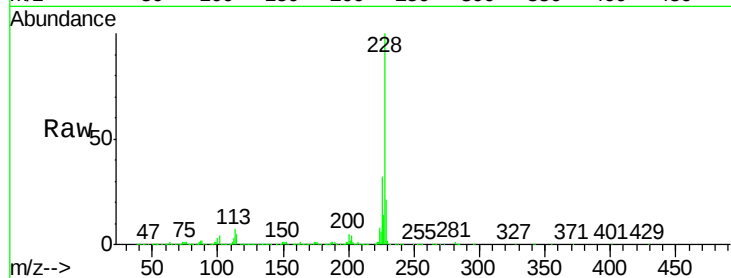
ClientSampleId :

GENMS

Tgt Ion:	228	Resp:	890905
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.2	37.8
229	21.2	16.7	25.1

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.19 ng

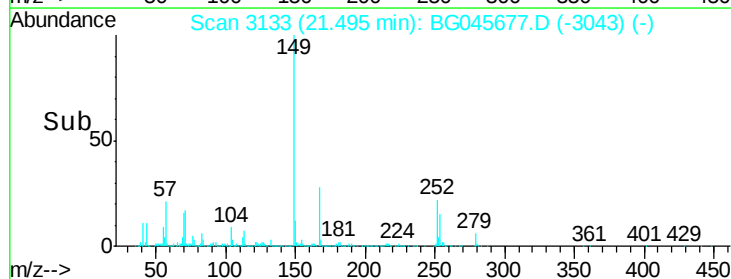
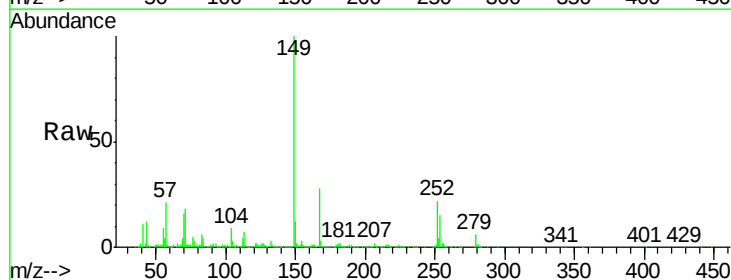
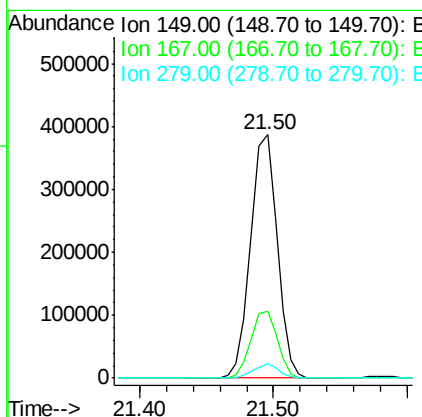
RT: 21.50 min Scan# 3133

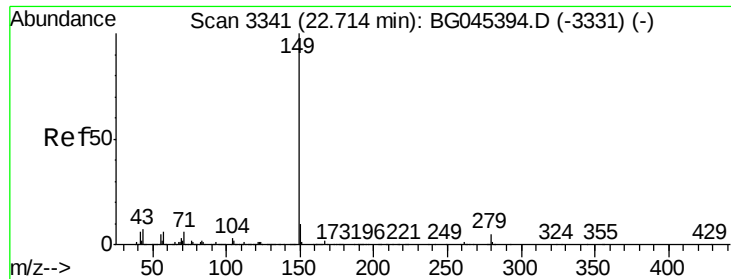
Delta R.T. -0.00 min

Lab File: BG045677.D

Acq: 10 Jun 2020 2:35

Tgt Ion:	149	Resp:	532106
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.2	33.2
279	5.7	4.7	7.1





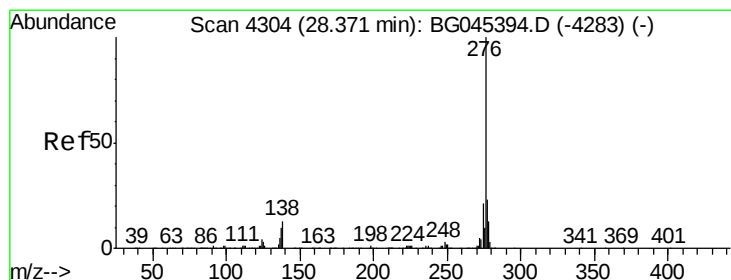
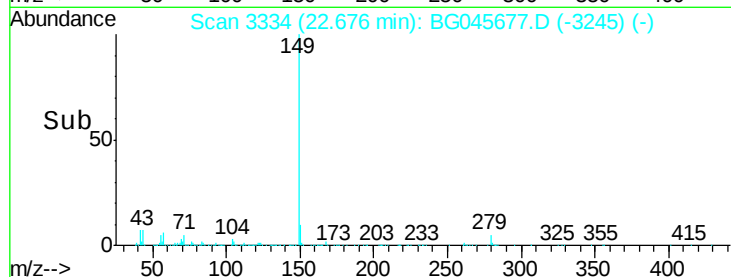
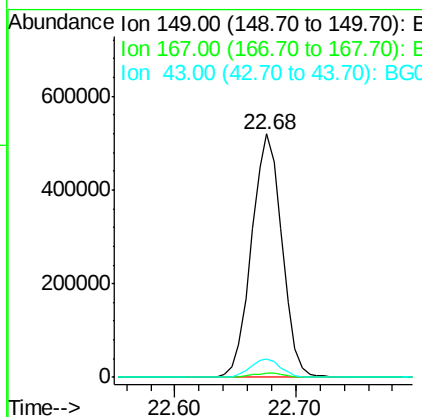
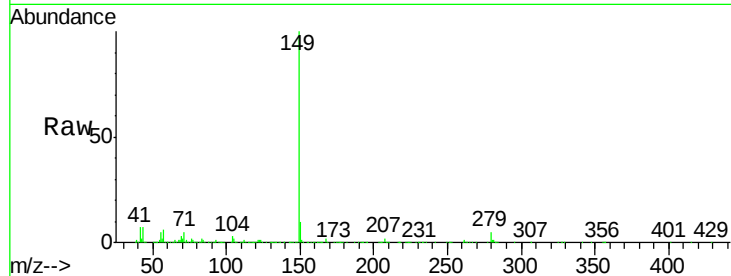
#85
Di-n-octyl phthalate
Concen: 39.92 ng
RT: 22.68 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.7	1.4	2.0
43	7.5	5.8	8.8

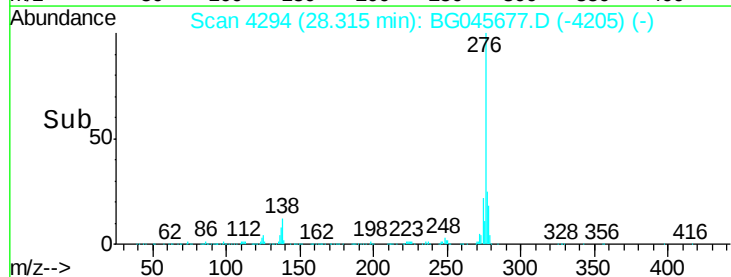
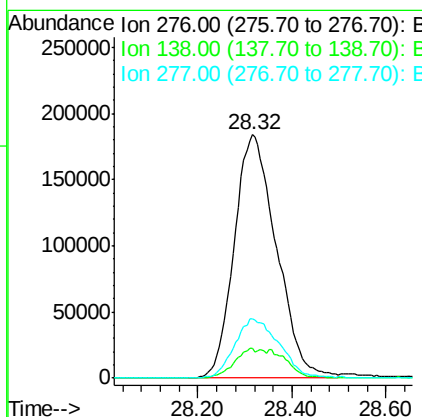
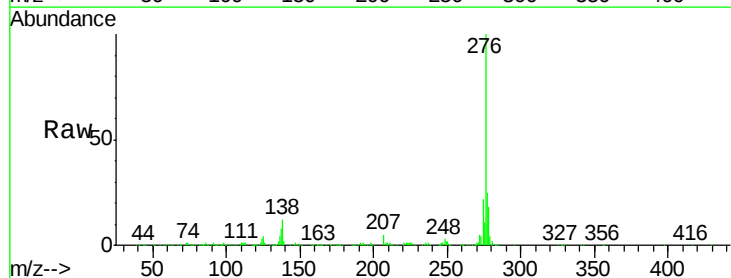
Manual Integrations
APPROVED

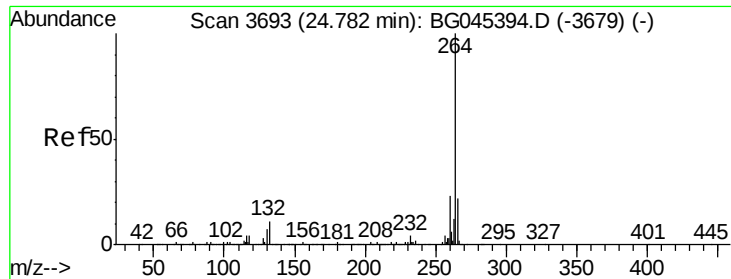
mohammad
6/10/2020 11:50:22 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.85 ng
RT: 28.32 min Scan# 4294
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	8.6	8.6	12.8
277	25.5	20.2	30.4





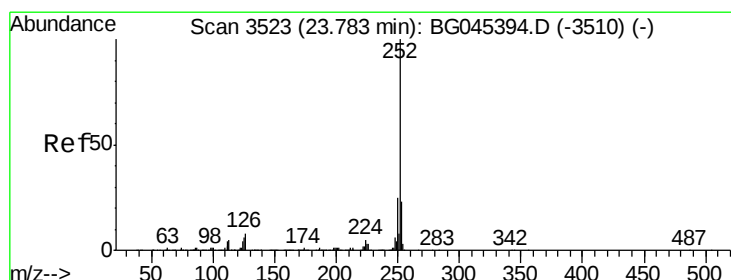
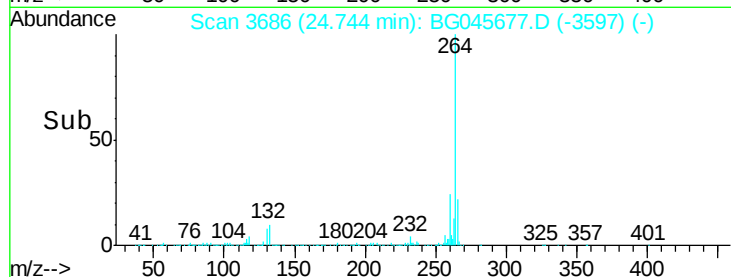
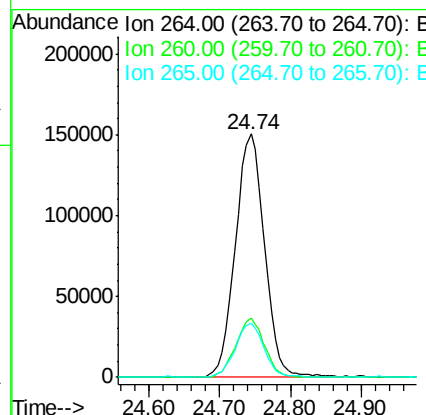
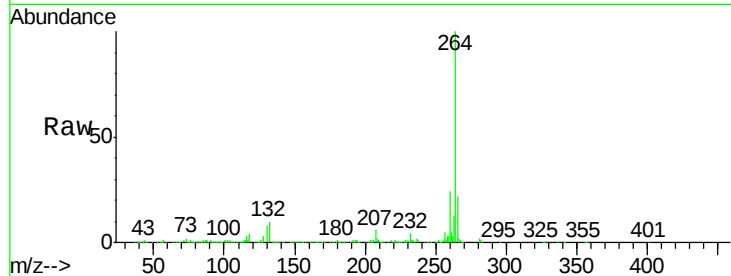
#87
Perylene-d12
Concen: 20.00 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.2	18.2	27.4
265	22.1	17.6	26.4

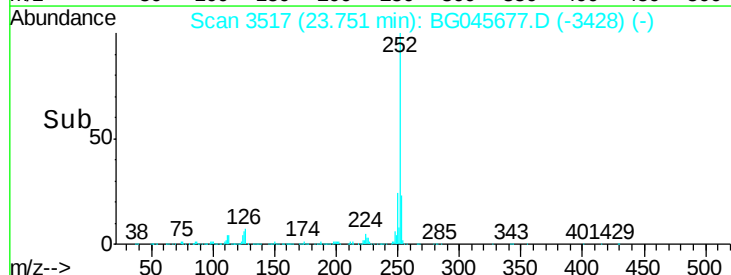
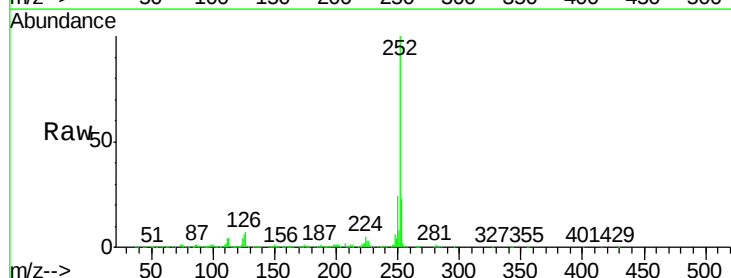
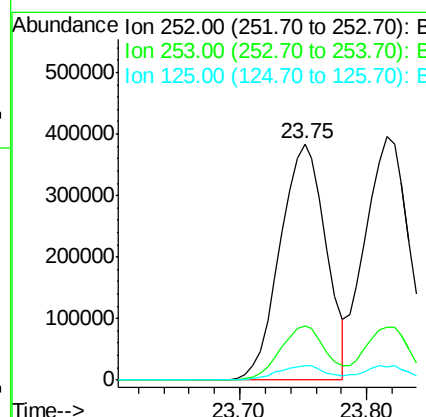
Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#88
Benzo(b)fluoranthene
Concen: 41.78 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	18.1	27.1
125	6.0	5.0	7.6





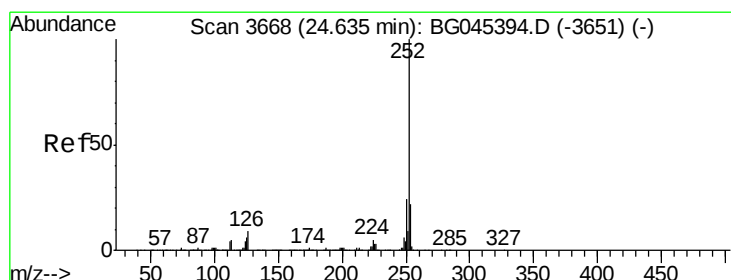
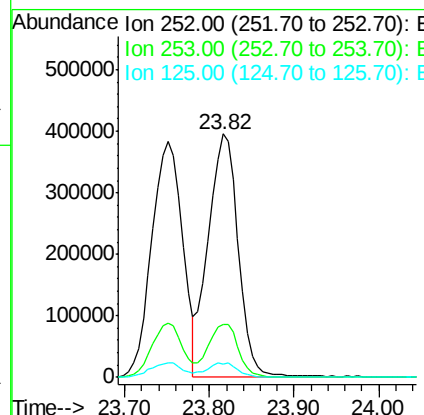
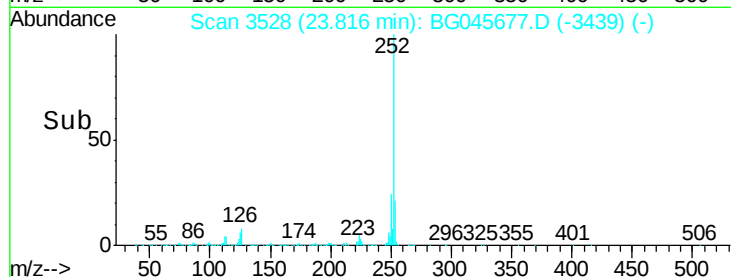
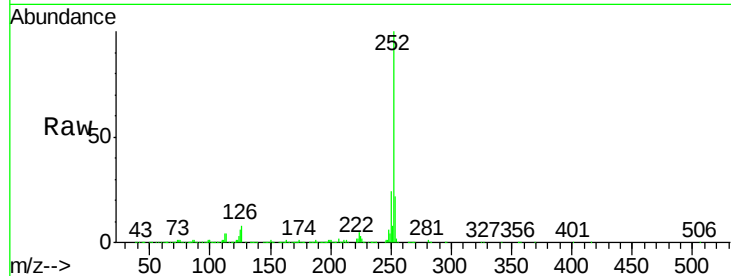
#89
Benzo(k)fluoranthene
Concen: 44.30 ng m
RT: 23.82 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampleId :
GENMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	5.6	5.7	8.5#

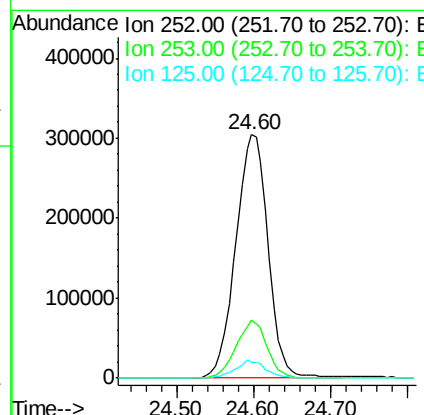
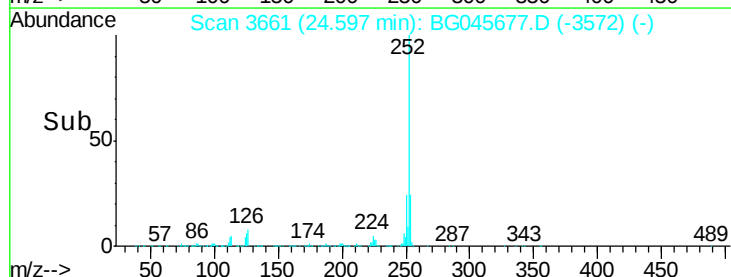
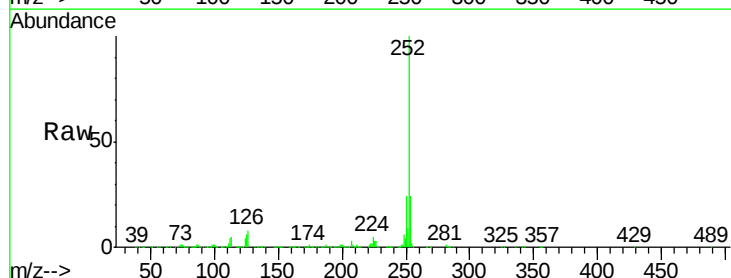
Manual Integrations
APPROVED

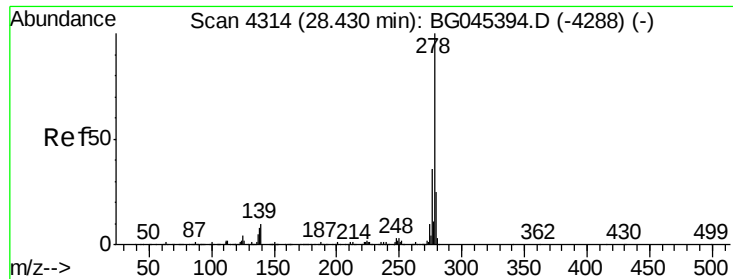
mohammad
6/10/2020 11:50:22 AM



#90
Benzo(a)pyrene
Concen: 41.24 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	6.2	5.0	7.6





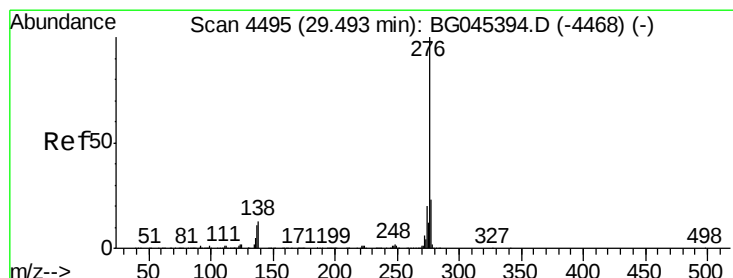
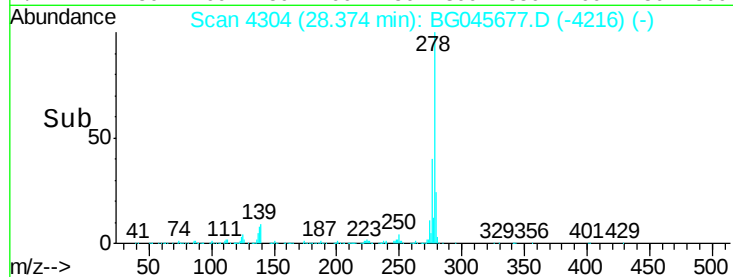
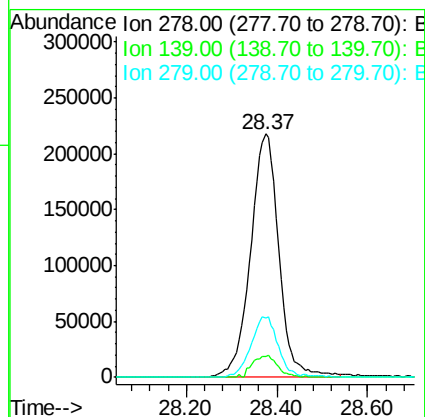
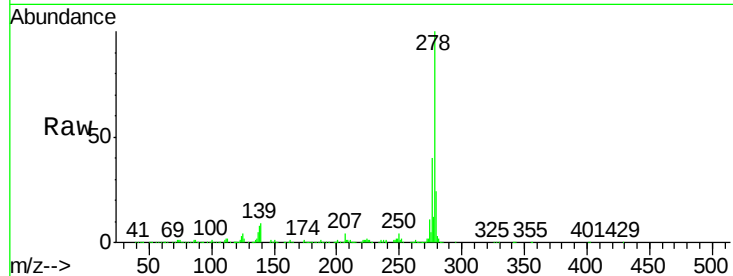
#91
Dibenzo(a,h)anthracene
Concen: 43.46 ng
RT: 28.37 min Scan# 4304
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Instrument :
BNA_G
ClientSampled :
GENMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.8	11.8
279	24.3	19.8	29.8

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:22 AM



#92
Benzo(g,h,i)perylene
Concen: 42.67 ng
RT: 29.43 min Scan# 4484
Delta R.T. -0.01 min
Lab File: BG045677.D
Acq: 10 Jun 2020 2:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.1	27.1
138	12.1	10.2	15.4

