

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045700.D
 Acq On : 10 Jun 2020 20:37
 Operator : CG/JU
 Sample : L2950-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11939MSD

Manual Integrations
 APPROVED

mohammad
 6/11/2020 1:48:07 PM

Quant Time: Jun 11 01:06:35 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	59703	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	248131	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	185193	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	452914	20.00	ng	0.00
76) Chrysene-d12	21.60	240	420869	20.00	ng	0.00
87) Perylene-d12	24.74	264	457420	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	271112	88.74	ng	0.00
7) Phenol-d6	7.14	99	400277	92.06	ng	-0.01
23) Nitrobenzene-d5	9.10	82	259932	57.13	ng	-0.01
42) 2,4,6-Tribromophenol	16.09	330	203815	86.06	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	624496	57.20	ng	0.00
79) Terphenyl-d14	19.95	244	1135560	62.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	53376	35.234	ng	# 95
3) Pyridine	3.79	79	143274	33.958	ng	98
4) n-Nitrosodimethylamine	3.71	42	59466	43.072	ng	# 90
6) Aniline	7.27	93	113289	19.959	ng	95
8) 2-Chlorophenol	7.52	128	154886	46.233	ng	96
9) Benzaldehyde	7.08	77	111578	39.386	ng	99
10) Phenol	7.17	94	207519	46.307	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	137174	39.244	ng	96
12) 1,3-Dichlorobenzene	7.84	146	160774	39.935	ng	99
13) 1,4-Dichlorobenzene	7.98	146	161488	40.646	ng	100
14) 1,2-Dichlorobenzene	8.30	146	153606	40.197	ng	98
15) Benzyl Alcohol	8.19	79	155790	43.372	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	129672	39.082	ng	100
17) 2-Methylphenol	8.41	107	137938	41.123	ng	99
18) Hexachloroethane	9.03	117	60768	39.935	ng	91
19) n-Nitroso-di-n-propylamine	8.75	70	126345	42.020	ng	98
20) 3+4-Methylphenols	8.74	107	189448	41.476	ng	96
22) Acetophenone	8.77	105	228254	38.812	ng	97
24) Nitrobenzene	9.15	77	200401	41.107	ng	94
25) Isophorone	9.67	82	353744	39.475	ng	98
26) 2-Nitrophenol	9.86	139	88188	42.287	ng	94
27) 2,4-Dimethylphenol	9.94	122	138443	44.759	ng	95
28) bis(2-Chloroethoxy)methane	10.16	93	196194	41.748	ng	97
29) 2,4-Dichlorophenol	10.41	162	160437	43.924	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	173689	40.243	ng	99
31) Naphthalene	10.80	128	474077	41.000	ng	99
32) Benzoic acid	10.11	122	65550	34.676	ng	94
33) 4-Chloroaniline	10.92	127	51821	10.722	ng	94
34) Hexachlorobutadiene	11.10	225	118778	38.932	ng	99
35) Caprolactam	11.69	113	56610m	42.225	ng	
36) 4-Chloro-3-methylphenol	12.06	107	188743	45.857	ng	96
37) 2-Methylnaphthalene	12.41	142	360472	41.827	ng	97
38) 1-Methylnaphthalene	12.63	142	345297	42.415	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	205778	39.781	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045700.D
 Acq On : 10 Jun 2020 20:37
 Operator : CG/JU
 Sample : L2950-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11939MSD

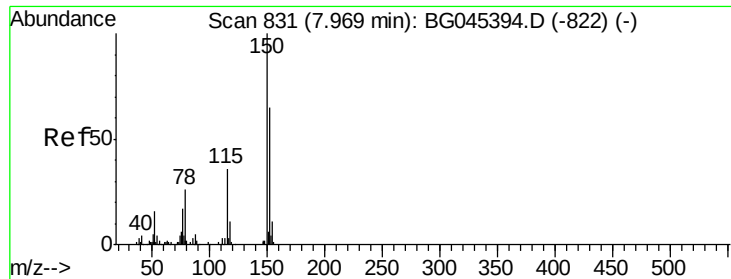
Manual Integrations
 APPROVED

mohammad
 6/11/2020 1:48:07 PM

Quant Time: Jun 11 01:06:35 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	226229	75.773	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	144846	40.310	ng	99
44) 2,4,5-Trichlorophenol	13.11	196	155187	37.793	ng	94
46) 1,1'-Biphenyl	13.42	154	464758	40.842	ng	99
47) 2-Chloronaphthalene	13.46	162	360622	39.027	ng	98
48) 2-Nitroaniline	13.67	65	123594	40.662	ng	99
49) Acenaphthylene	14.31	152	599461	40.388	ng	98
50) Dimethylphthalate	14.05	163	616060	48.493	ng	99
51) 2,6-Dinitrotoluene	14.17	165	113676	39.654	ng	96
52) Acenaphthene	14.66	154	453510m	45.647	ng	
53) 3-Nitroaniline	14.50	138	44931	15.418	ng	100
54) 2,4-Dinitrophenol	14.71	184	130772	70.346	ng	99
55) Dibenzofuran	14.99	168	597870	40.523	ng	98
56) 4-Nitrophenol	14.84	139	164726	74.663	ng	91
57) 2,4-Dinitrotoluene	14.96	165	163340	39.343	ng	97
58) Fluorene	15.64	166	509550	42.038	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	147266	40.765	ng	97
60) Diethylphthalate	15.41	149	526676	39.831	ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	277673	40.033	ng	99
62) 4-Nitroaniline	15.67	138	110845	36.436	ng	91
63) Azobenzene	15.92	77	512780	41.589	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	106166	40.249	ng	95
66) n-Nitrosodiphenylamine	15.85	169	446488	41.058	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	194736	39.707	ng	96
68) Hexachlorobenzene	16.65	284	210806	41.097	ng	97
69) Atrazine	16.80	200	172052	38.413	ng	97
70) Pentachlorophenol	17.00	266	207212	77.798	ng	97
71) Phenanthrene	17.38	178	824154	41.682	ng	100
72) Anthracene	17.47	178	826771	41.639	ng	99
73) Carbazole	17.75	167	756438	39.083	ng	98
74) Di-n-butylphthalate	18.30	149	920790	39.637	ng	99
75) Fluoranthene	19.40	202	1043204	41.481	ng	99
77) Benzidine	19.57	184	430415	36.413	ng	99
78) Pyrene	19.75	202	1014502	42.286	ng	100
80) Butylbenzylphthalate	20.64	149	407963	39.396	ng	96
81) Benzo(a)anthracene	21.58	228	951768	40.595	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	189611	20.617	ng	96
83) Chrysene	21.65	228	931591	41.324	ng	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	565239	39.708	ng	99
85) Di-n-octyl phthalate	22.67	149	954990	39.061	ng	100
86) Indeno(1,2,3-cd)pyrene	28.31	276	1209410	41.025	ng	# 98
88) Benzo(b)fluoranthene	23.75	252	1034234	42.159	ng	99
89) Benzo(k)fluoranthene	23.81	252	1008664	43.765	ng	99
90) Benzo(a)pyrene	24.59	252	947131	41.455	ng	98
91) Dibenzo(a,h)anthracene	28.37	278	980523	42.707	ng	98
92) Benzo(g,h,i)perylene	29.42	276	979448	42.655	ng	99

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



#1

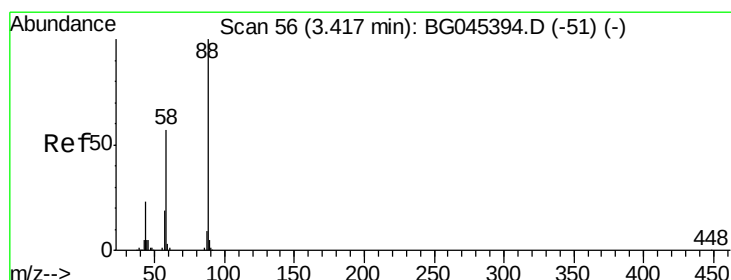
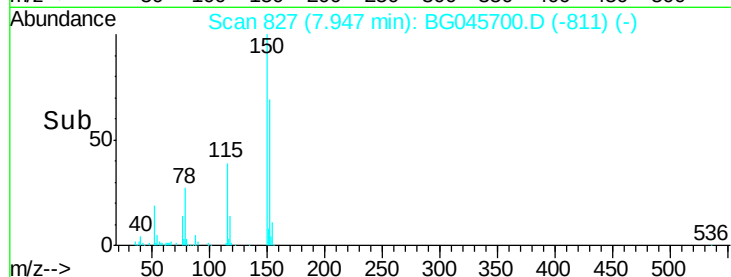
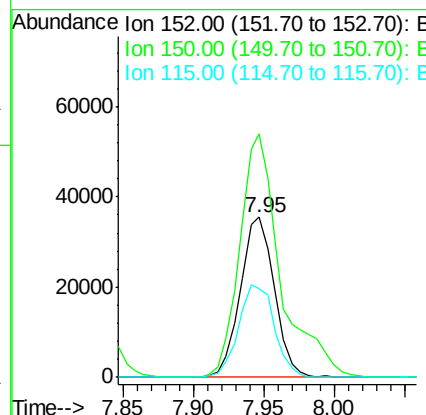
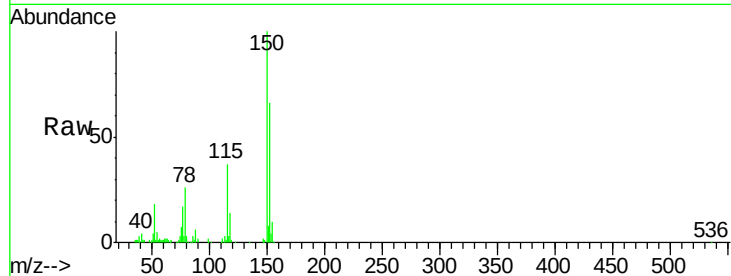
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.4	183.6
115	55.7	44.2	66.4

Manual Integrations
APPROVED

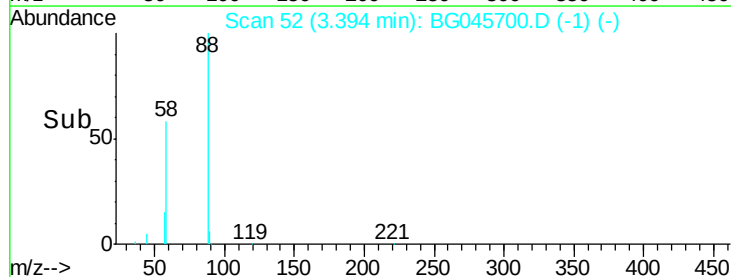
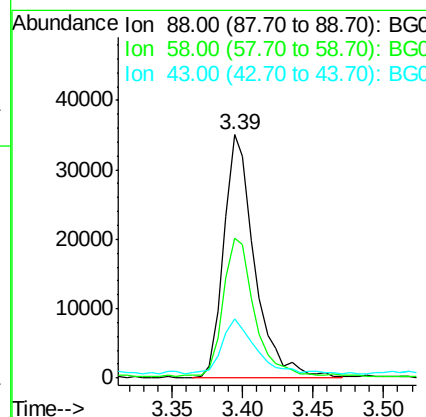
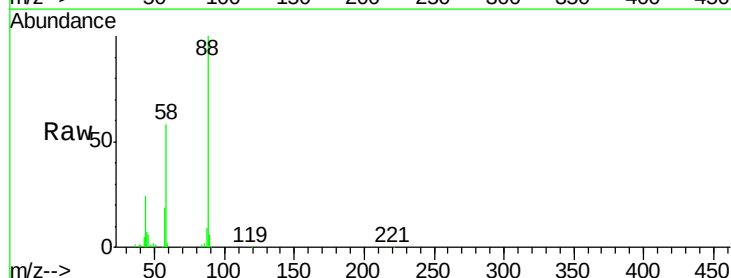
mohammad
6/11/2020 1:48:07 PM

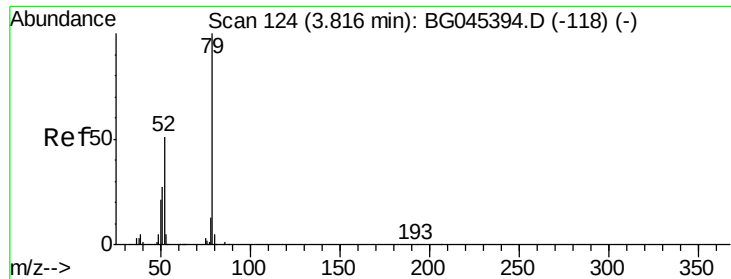


#2

1,4-Dioxane
Concen: 35.234 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.4	45.7	68.5
43	26.2	16.8	25.2





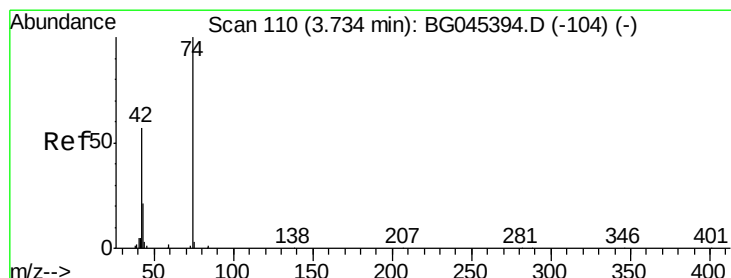
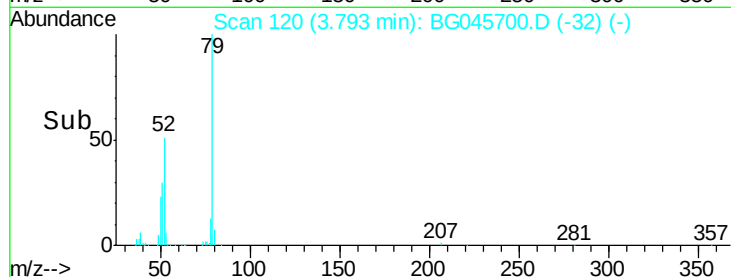
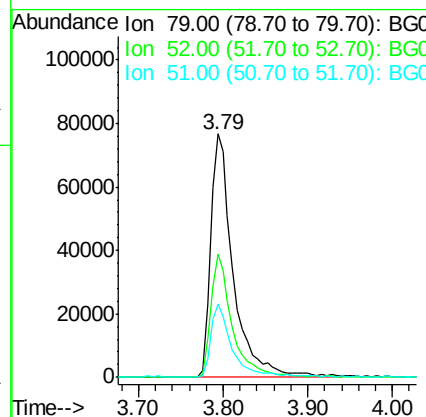
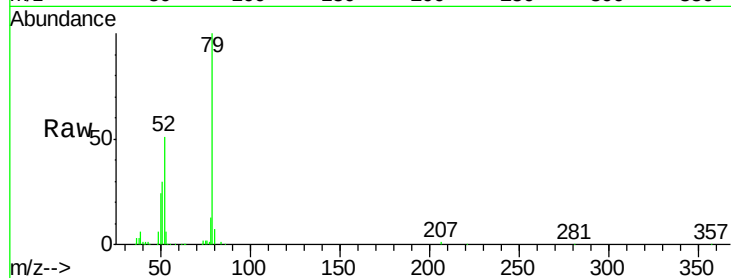
#3
 Pvridine
 Concen: 33.958 ng
 RT: 3.79 min Scan# 120
 Delta R.T. -0.01 min
 Lab File: BG045700.D
 Acq: 10 Jun 2020 20:37

Instrument :
 BNA_G
 ClientSampleId :
 72-11939MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		143274		
52	50.5	40.8	61.2		
51	30.1	21.9	32.9		

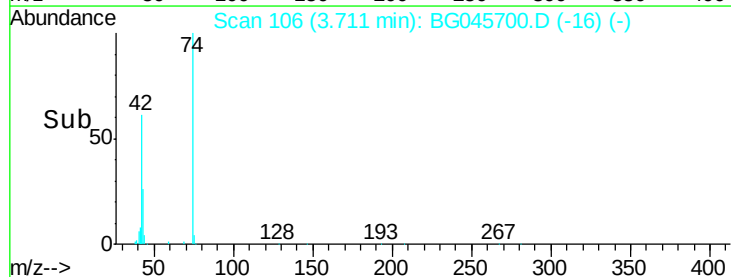
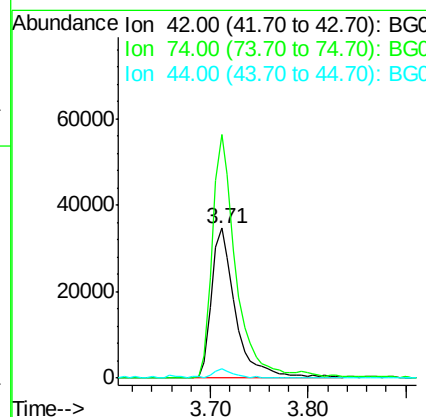
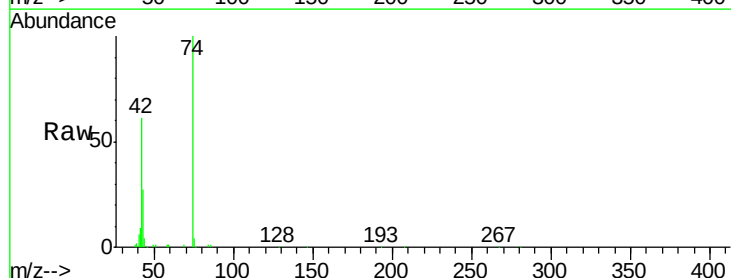
Manual Integrations
 APPROVED

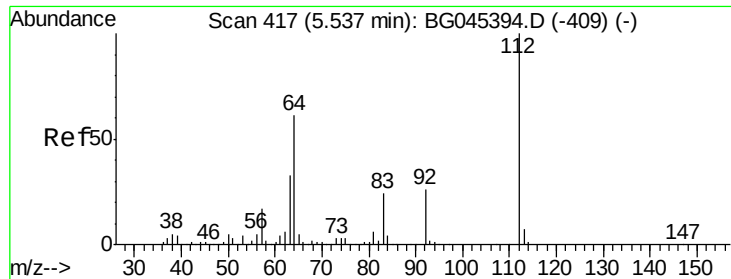
mohammad
 6/11/2020 1:48:07 PM



#4
 n-Nitrosodimethylamine
 Concen: 43.072 ng
 RT: 3.71 min Scan# 106
 Delta R.T. 0.00 min
 Lab File: BG045700.D
 Acq: 10 Jun 2020 20:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		59466		
74	162.6	141.3	211.9		
44	6.5	4.2	6.4		





#5

2-Fluorophenol

Concen: 88.745 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Instrument :

BNA_G

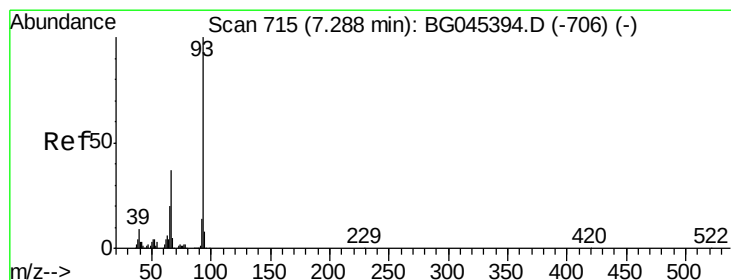
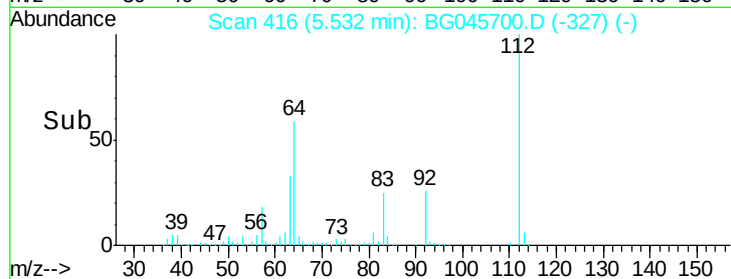
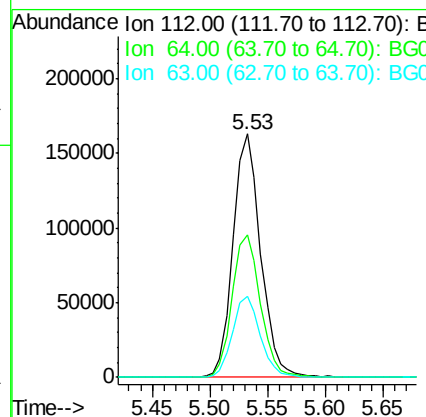
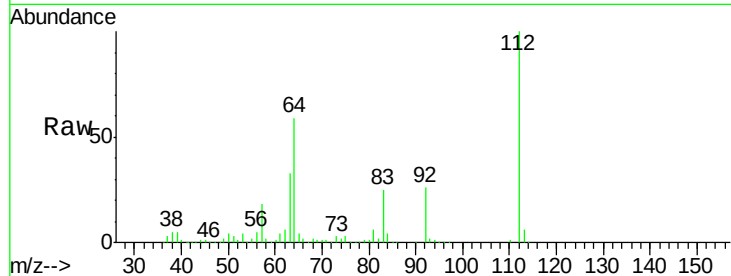
ClientSampleId :

72-11939MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		271112		
64	58.6	48.6	72.8		
63	33.2	26.5	39.7		

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



#6

Aniline

Concen: 19.959 ng

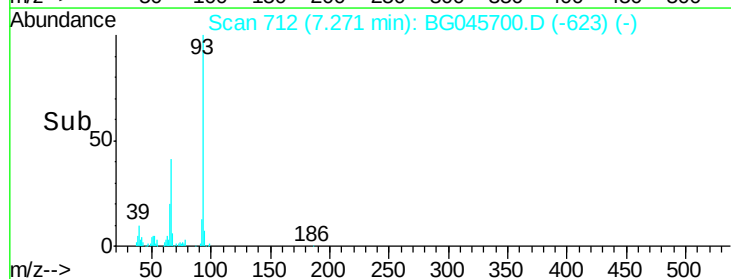
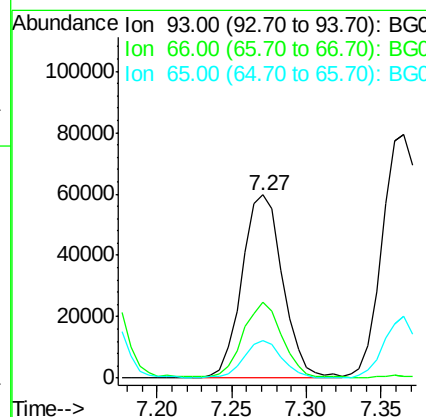
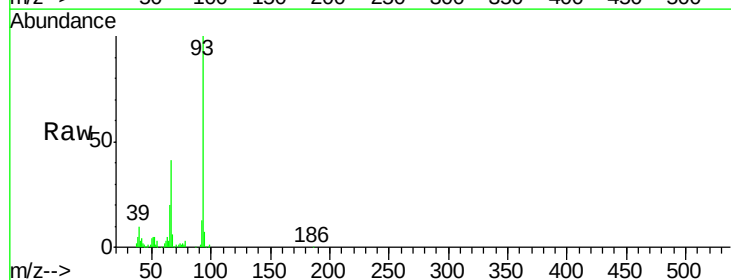
RT: 7.27 min Scan# 712

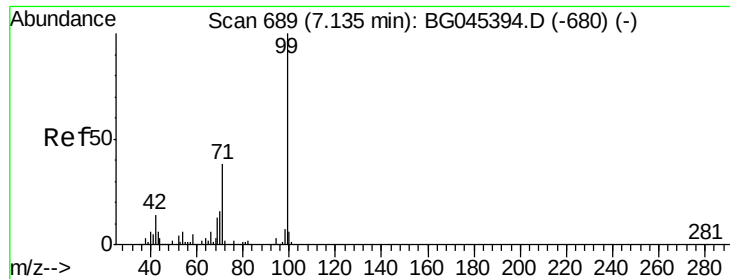
Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		113289		
66	41.2	29.6	44.4		
65	20.2	15.9	23.9		





#7

Phenol-d6

Concen: 92.057 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Instrument :

BNA_G

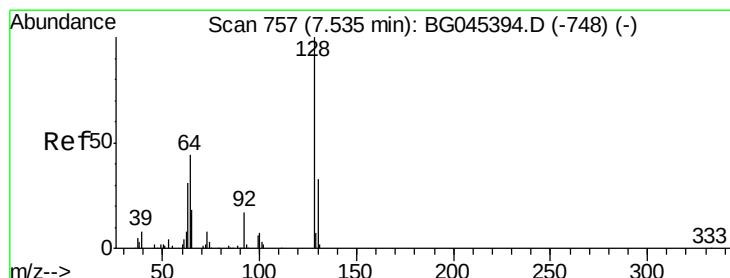
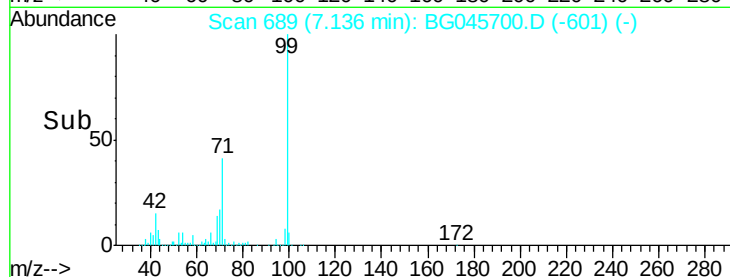
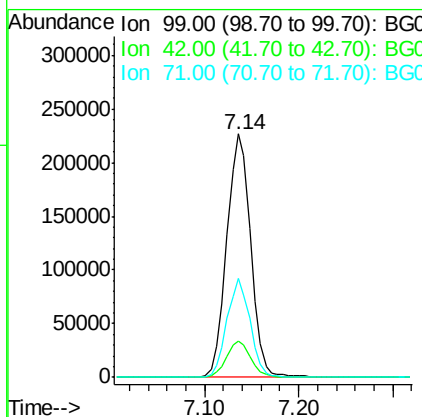
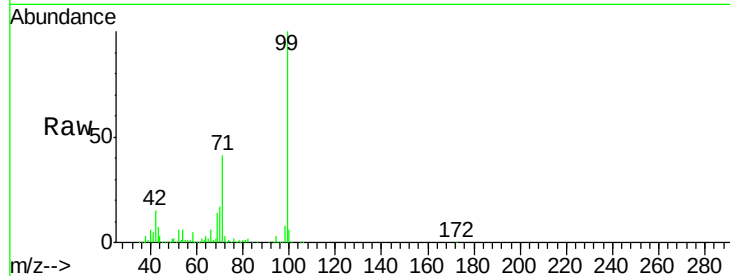
ClientSampleId :

72-11939MSD

Tot Ion:	99	Resp:	400277
Ion Ratio	Lower	Upper	
99	100		
42	14.7	11.3	16.9
71	40.6	30.8	46.2

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



#8

2-Chlorophenol

Concen: 46.233 ng

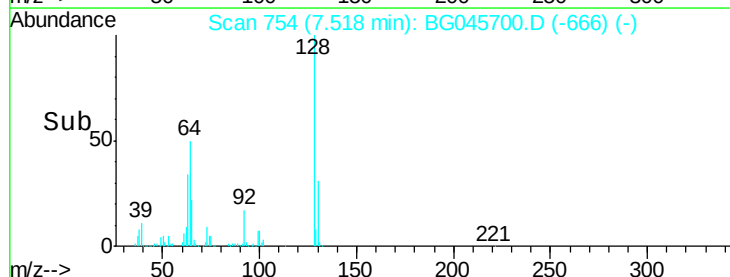
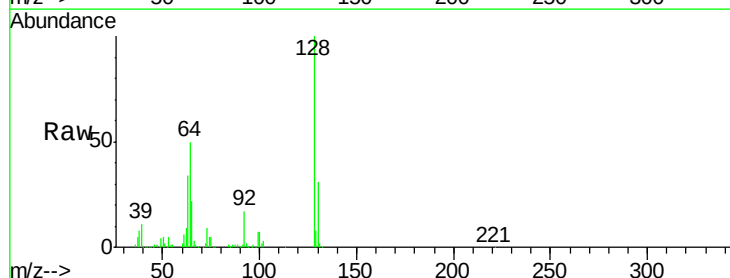
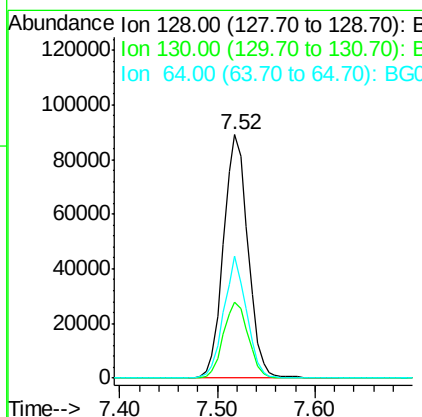
RT: 7.52 min Scan# 754

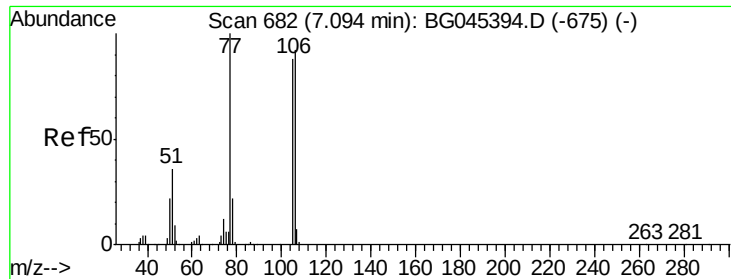
Delta R.T. -0.01 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Tgt Ion:	128	Resp:	154886
Ion Ratio	Lower	Upper	
128	100		
130	31.2	12.6	52.6
64	50.0	27.0	67.0





#9

Benzaldehyde

Concen: 39.386 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Instrument :

BNA_G

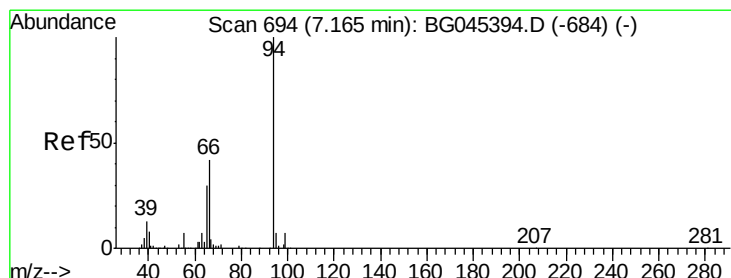
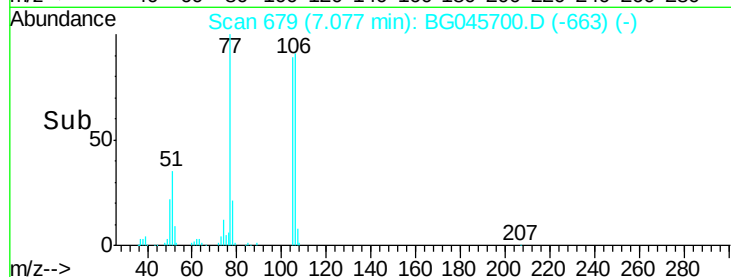
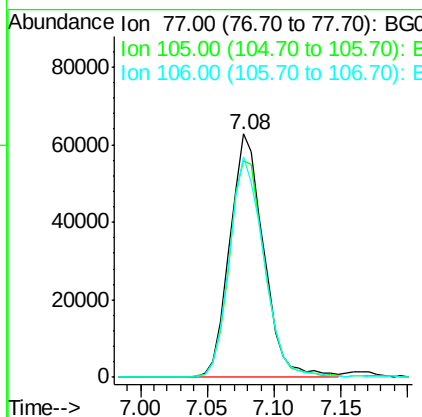
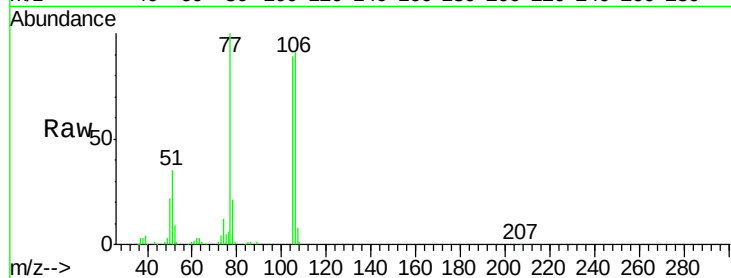
ClientSampleId :

72-11939MSD

Tot Ion:	77	Resp:	111578
Ion	Ratio	Lower	Upper
77	100		
105	88.9	68.5	108.5
106	90.7	71.6	111.6

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



#10

Phenol

Concen: 46.307 ng

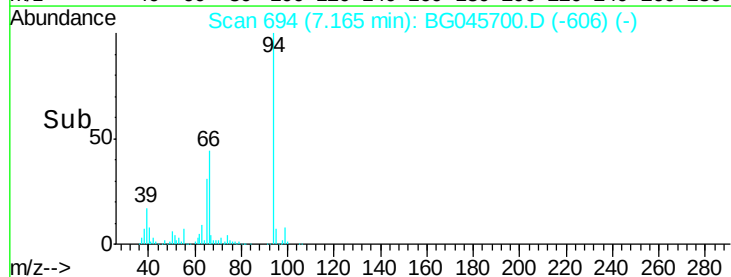
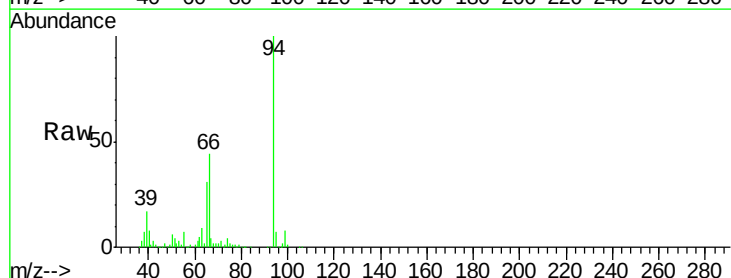
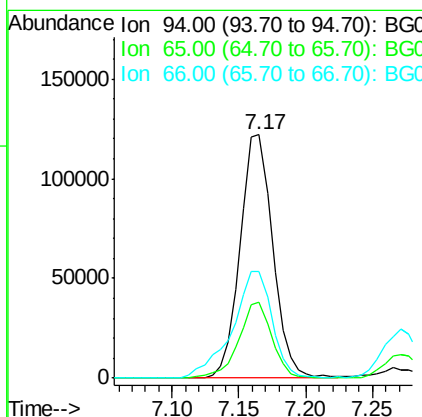
RT: 7.17 min Scan# 694

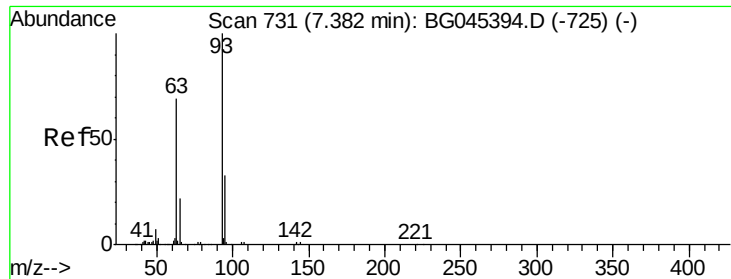
Delta R.T. -0.01 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Tgt Ion:	94	Resp:	207519
Ion	Ratio	Lower	Upper
94	100		
65	31.0	9.8	49.8
66	43.7	22.0	62.0





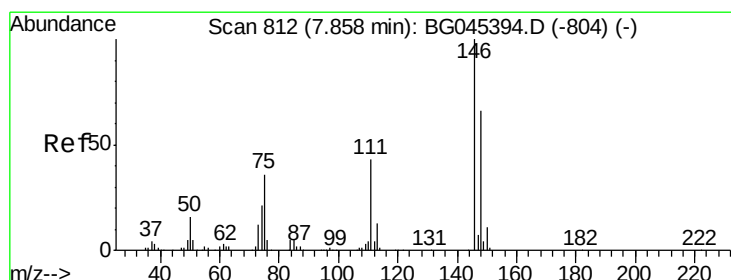
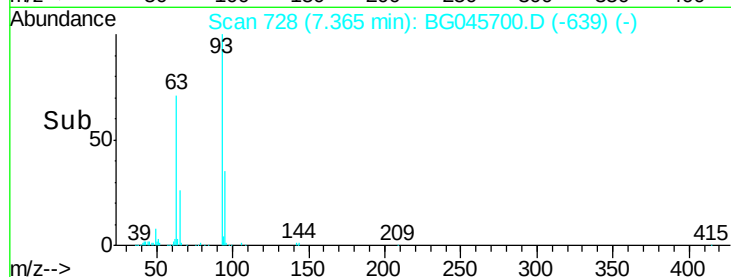
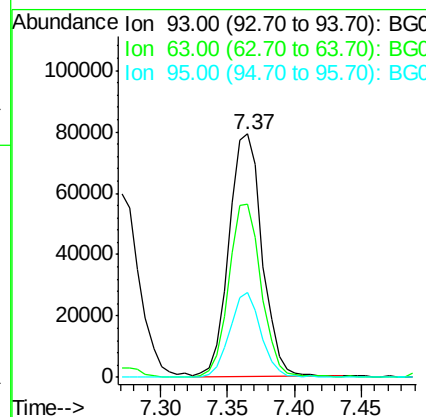
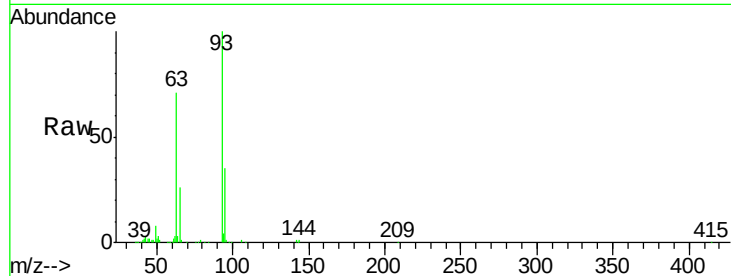
#11
bis(2-Chloroethyl)ether
Concen: 39.244 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	93	Resp	137174
Ion Ratio	Lower	Upper	
93	100		
63	71.2	48.4	88.4
95	34.8	12.4	52.4

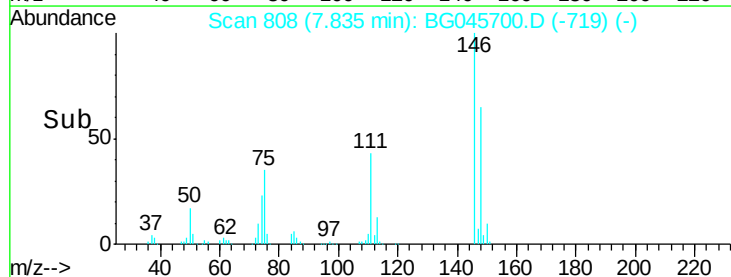
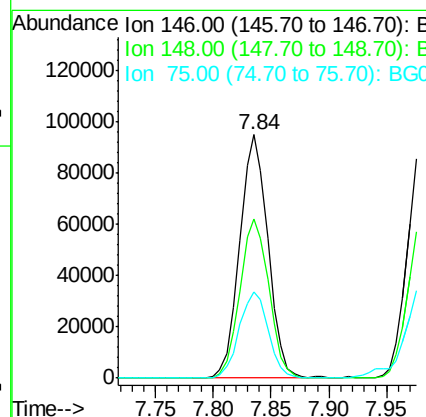
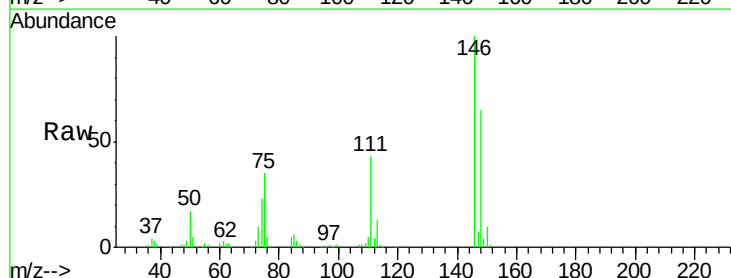
Manual Integrations
APPROVED

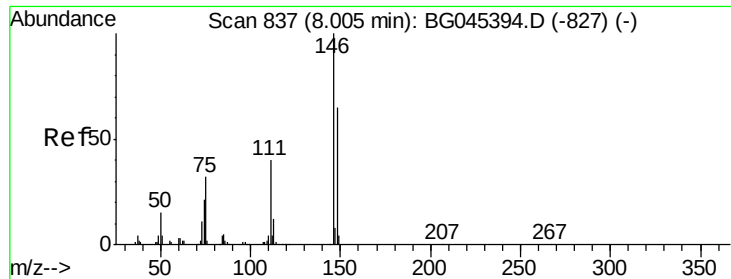
mohammad
6/11/2020 1:48:07 PM



#12
1,3-Dichlorobenzene
Concen: 39.935 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	146	Resp	160774
Ion Ratio	Lower	Upper	
146	100		
148	65.2	53.2	79.8
75	35.3	28.6	43.0





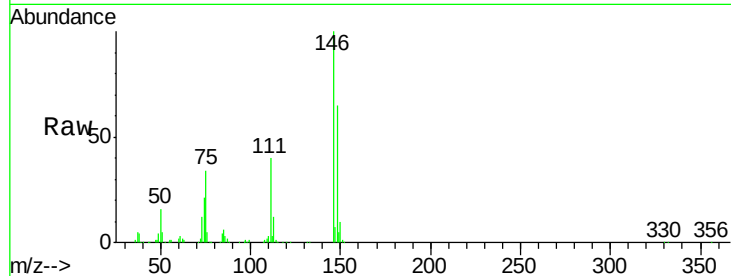
#13
1,4-Dichlorobenzene
Concen: 40.646 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
111	40.2	32.1	48.1

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM

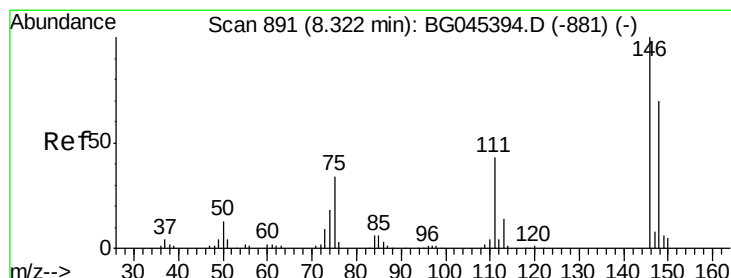
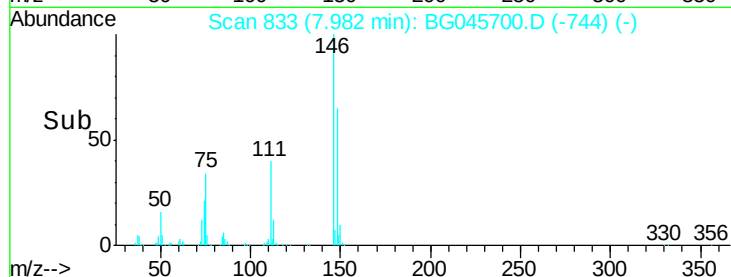
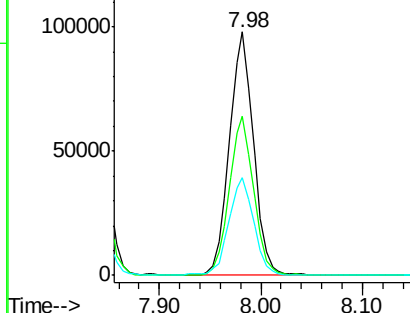


Abundance

Ion 146.00 (145.70 to 146.70): E

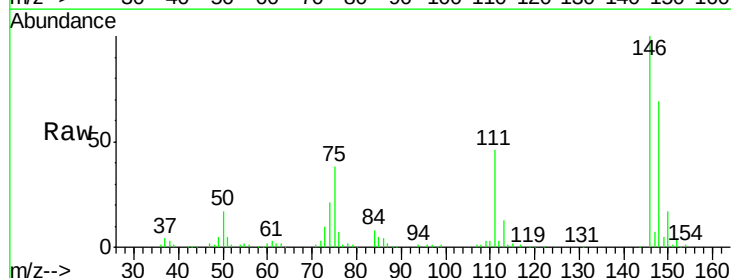
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 40.197 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	55.9	83.9
111	45.9	35.0	52.4

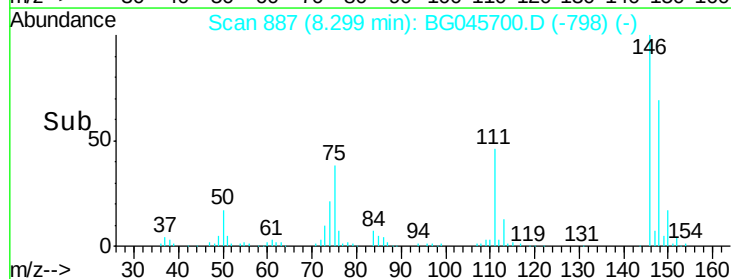
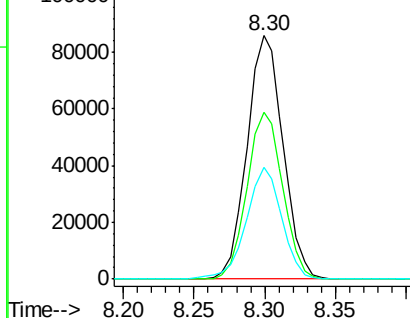


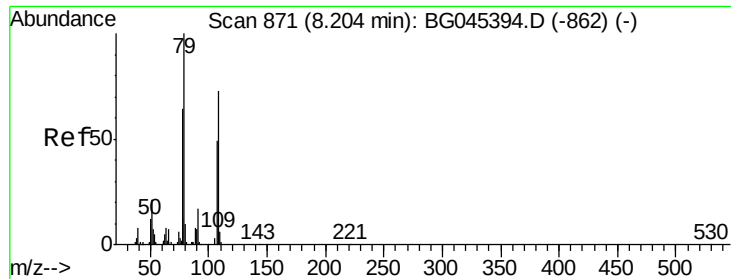
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.372 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Instrument :

BNA_G

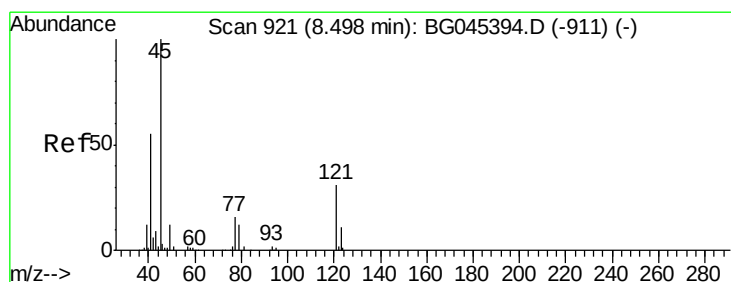
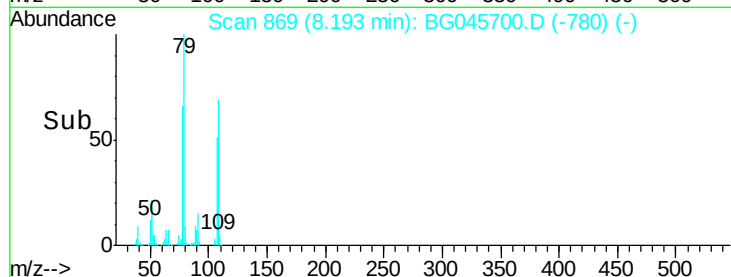
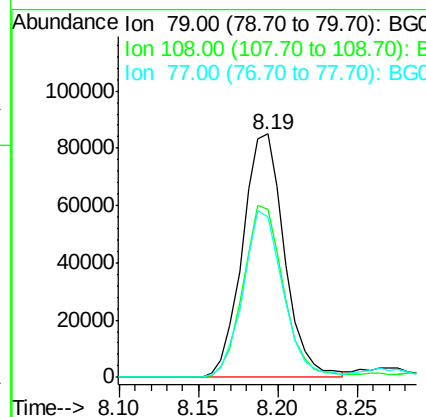
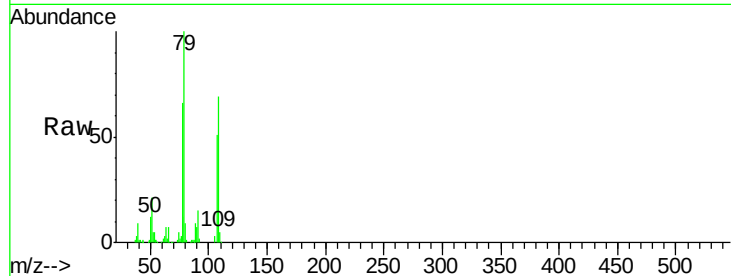
ClientSampleId :

72-11939MSD

Tot Ion:	79	Resp:	155790
Ion	Ratio	Lower	Upper
79	100		
108	69.3	58.2	87.4
77	66.1	51.0	76.4

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.082 ng

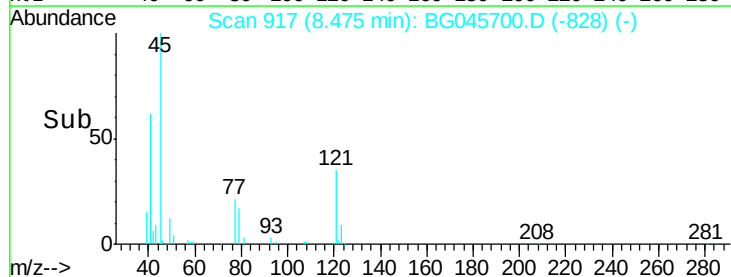
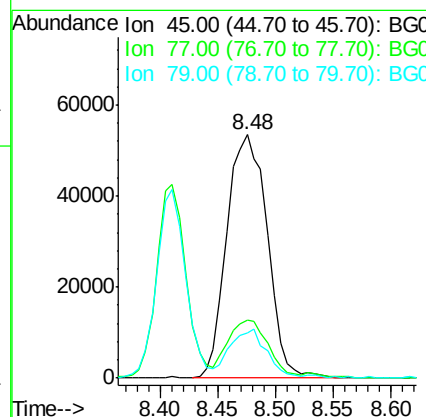
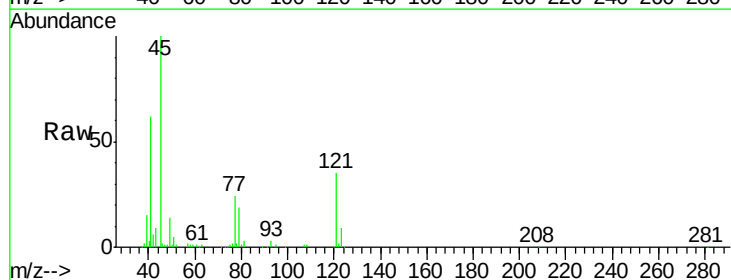
RT: 8.48 min Scan# 917

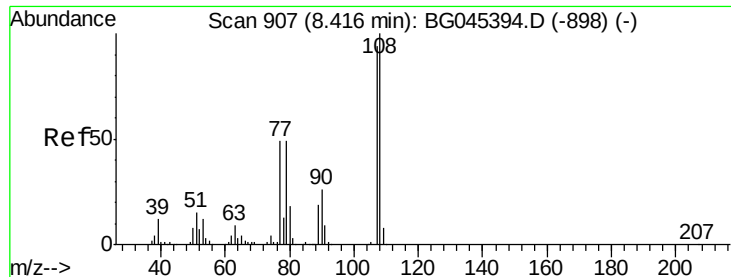
Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Tgt Ion:	45	Resp:	129672
Ion	Ratio	Lower	Upper
45	100		
77	23.7	4.0	44.0
79	18.7	0.0	38.6





#17

2-Methylphenol

Concen: 41.123 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Instrument :

BNA_G

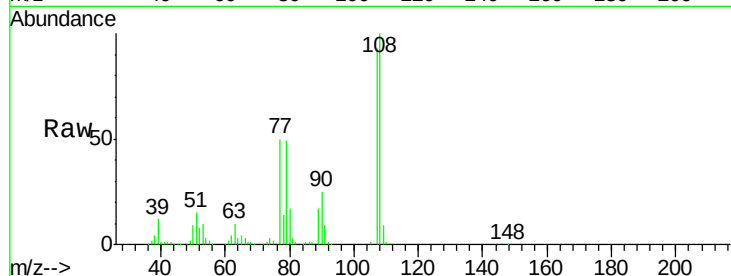
ClientSampleId :

72-11939MSD

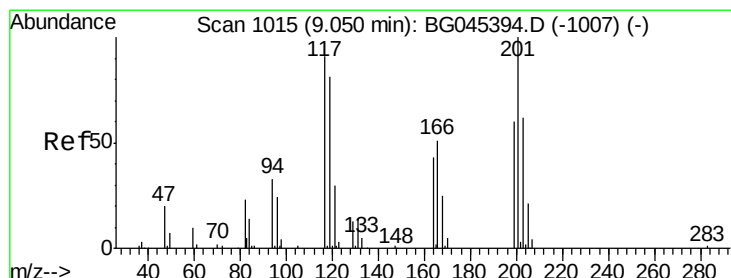
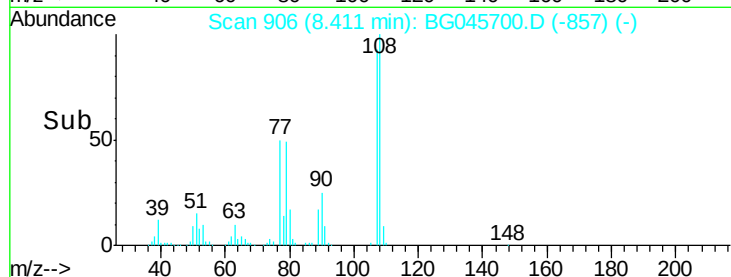
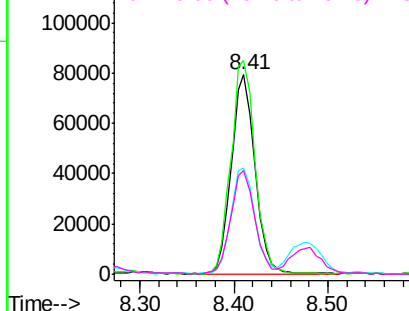
Tot Ion	107	Resp	137938
Ion Ratio	Lower	Upper	
107	100		
108	107.2	85.2	127.8
77	53.6	41.6	62.4
79	52.3	41.8	62.8

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



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: 39.935 ng

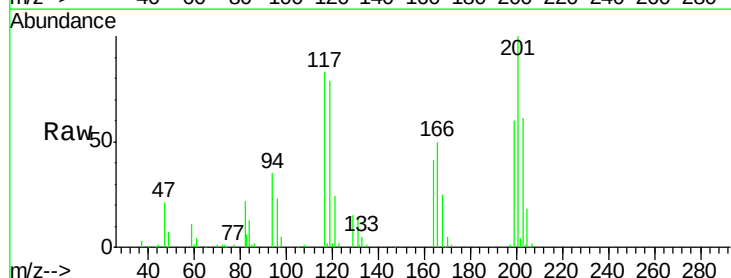
RT: 9.03 min Scan# 1011

Delta R.T. -0.01 min

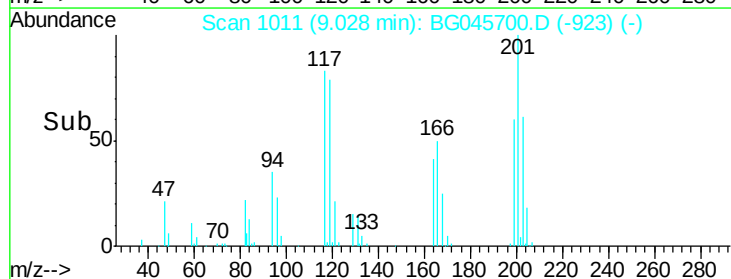
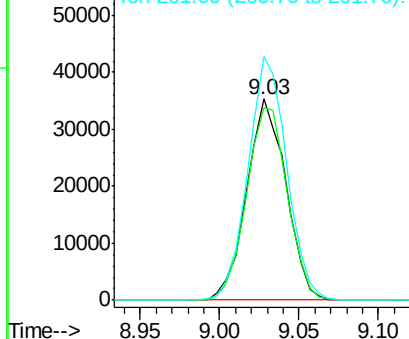
Lab File: BG045700.D

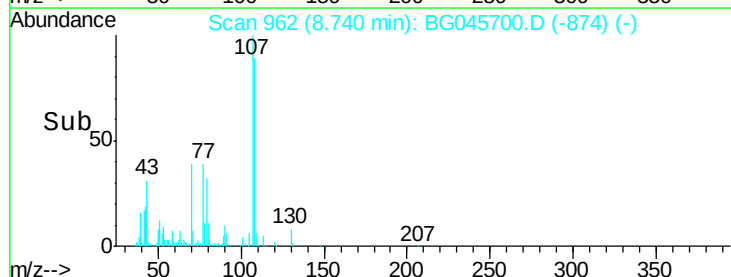
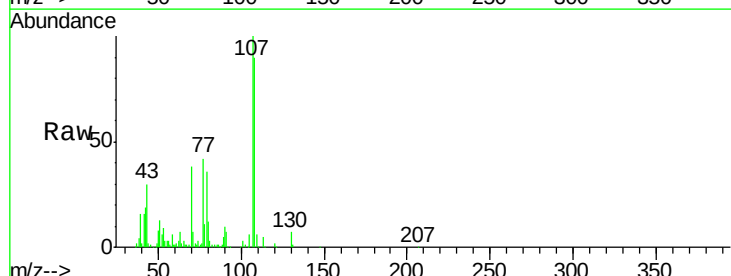
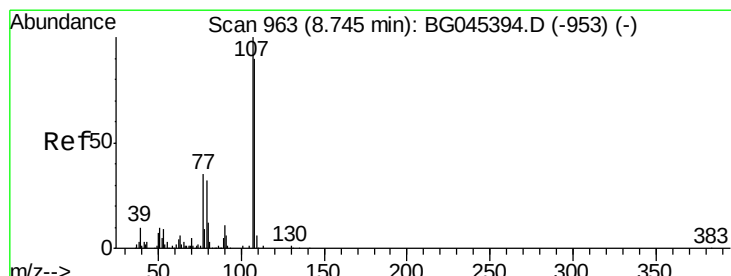
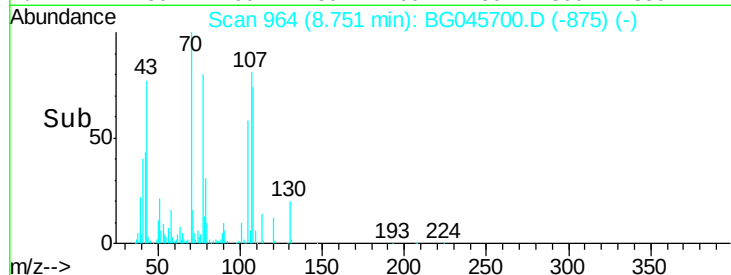
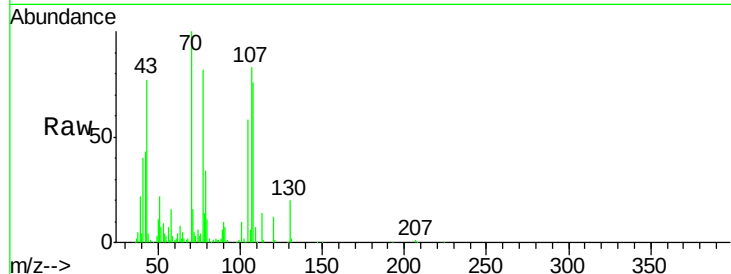
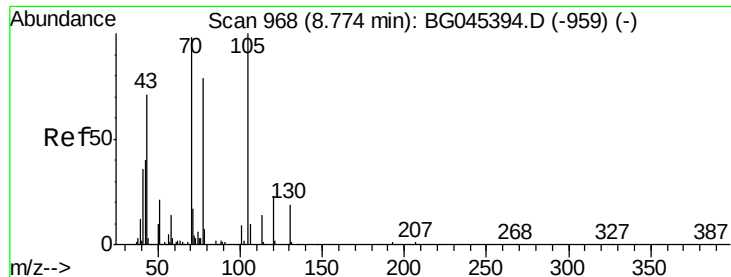
Acq: 10 Jun 2020 20:37

Tgt Ion	117	Resp	60768
Ion Ratio	Lower	Upper	
117	100		
119	95.6	71.3	106.9
201	121.0	87.5	131.3



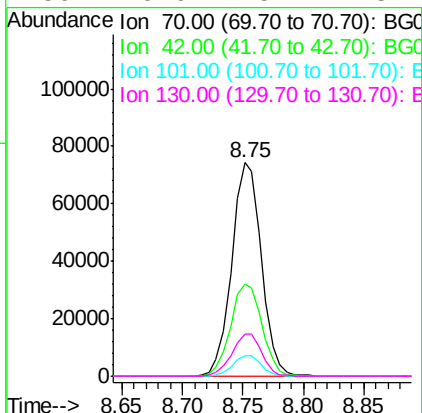
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 42.020 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.3	33.2	49.8	
101	9.6	7.8	11.6	
130	19.9	15.4	23.2	



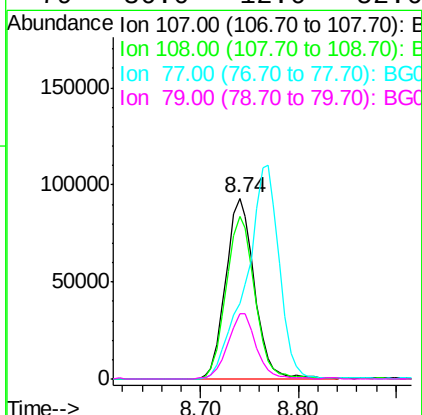
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

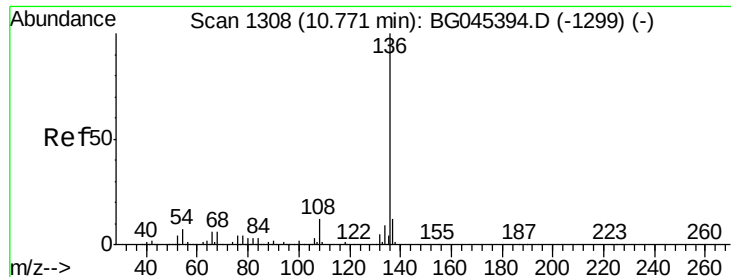
Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM

#20
3+4-Methylphenols
Concen: 41.476 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	70.3	110.3	
77	42.1	15.4	55.4	
79	36.0	12.6	52.6	





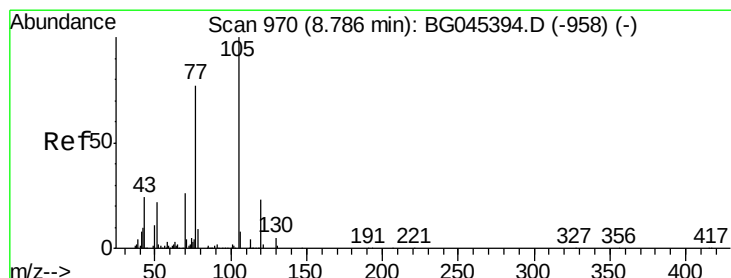
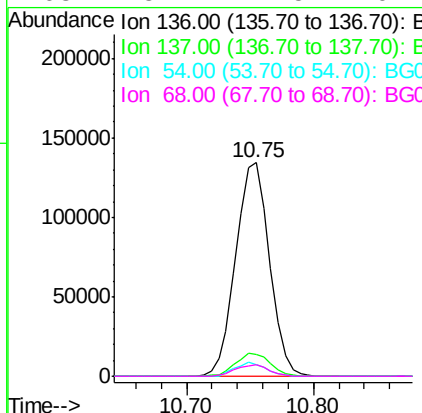
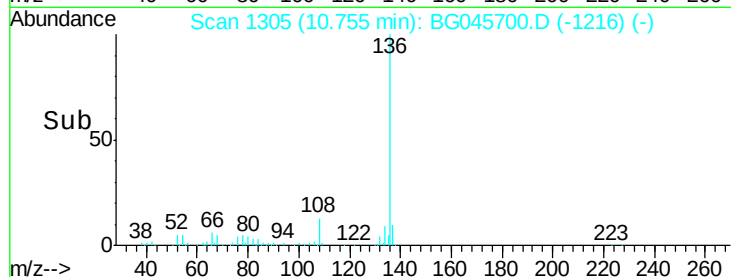
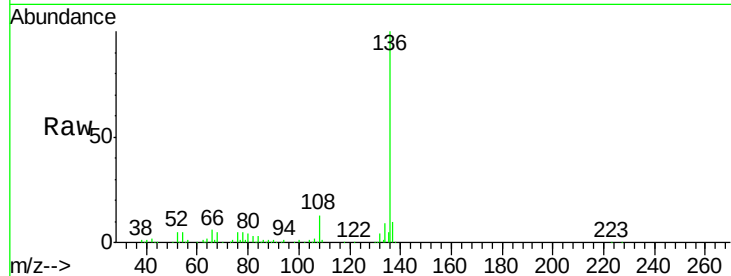
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		248131		
137	9.9	9.4	14.2		
54	5.3	5.8	8.6		
68	5.4	4.5	6.7		

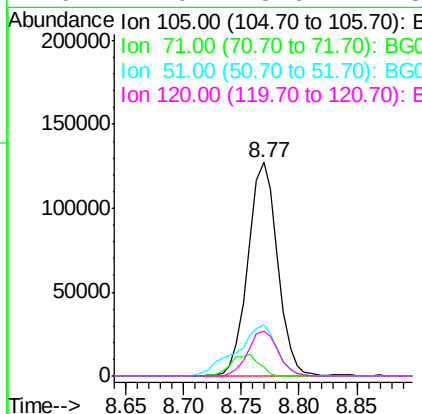
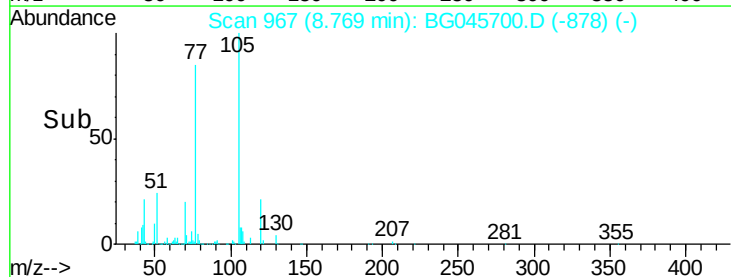
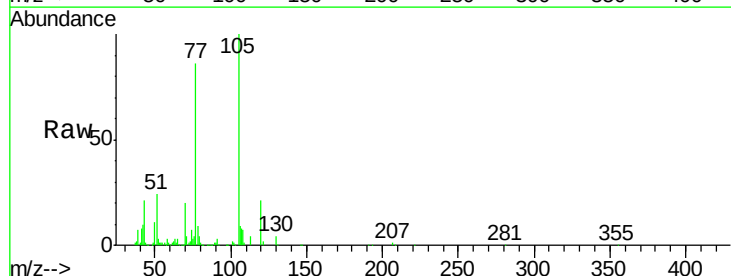
Manual Integrations
APPROVED

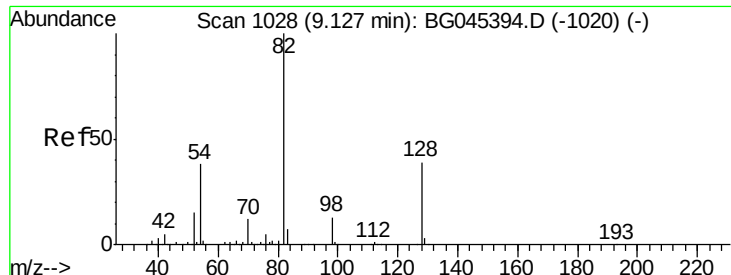
mohammad
6/11/2020 1:48:07 PM



#22
Acetophenone
Concen: 38.812 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		228254		
71	3.9	3.4	5.0		
51	23.8	18.2	27.2		
120	21.0	18.6	27.8		





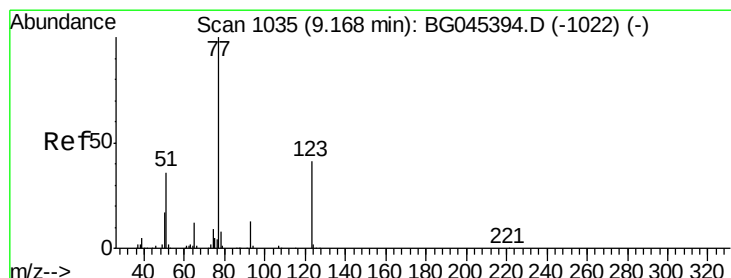
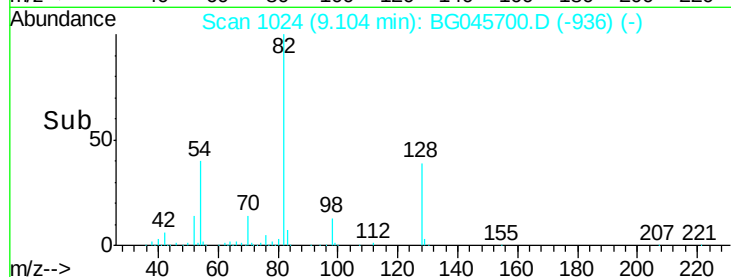
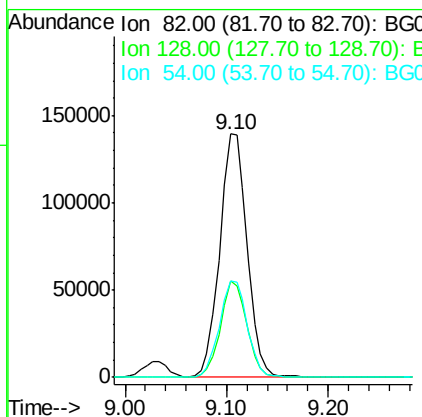
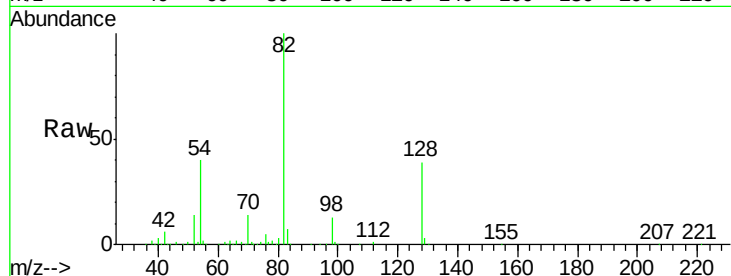
#23
 Nitrobenzene-d5
 Concen: 57.125 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045700.D
 Acq: 10 Jun 2020 20:37

Instrument :
 BNA_G
 ClientSampleId :
 72-11939MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	259932		
128	39.4		30.9	46.3
54	39.7		30.3	45.5

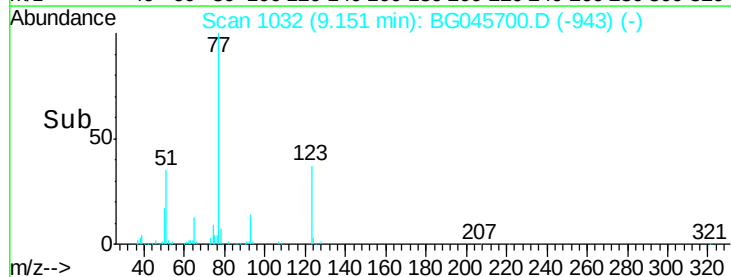
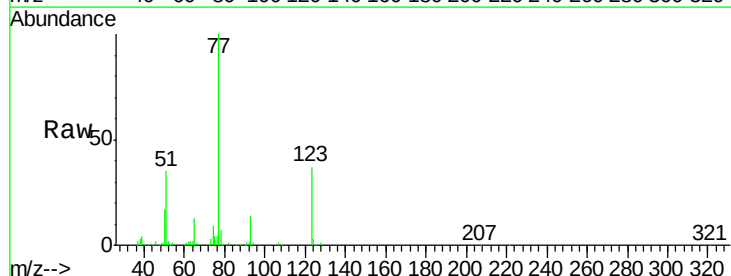
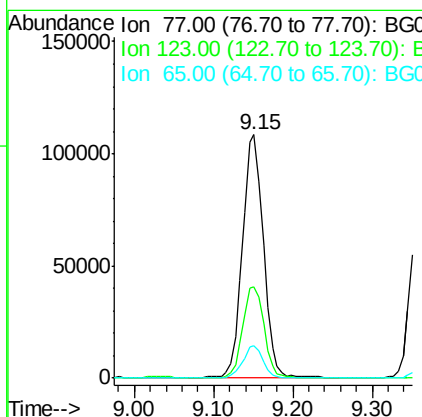
Manual Integrations
 APPROVED

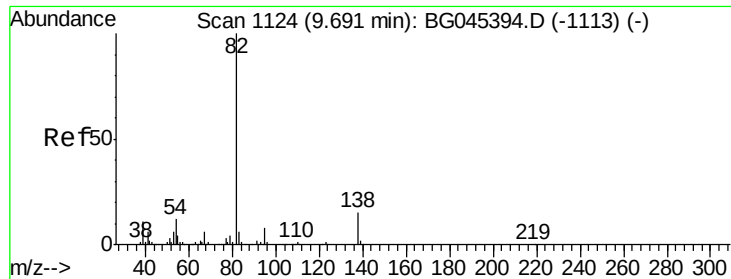
mohammad
 6/11/2020 1:48:07 PM



#24
 Nitrobenzene
 Concen: 41.107 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045700.D
 Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	200401		
123	37.2		32.9	49.3
65	13.2		9.4	14.2





#25

Isophorone

Concen: 39.475 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Instrument :

BNA_G

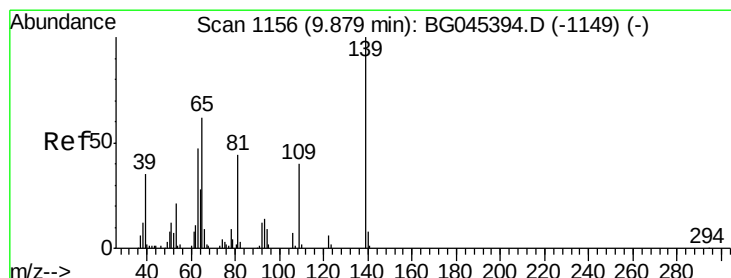
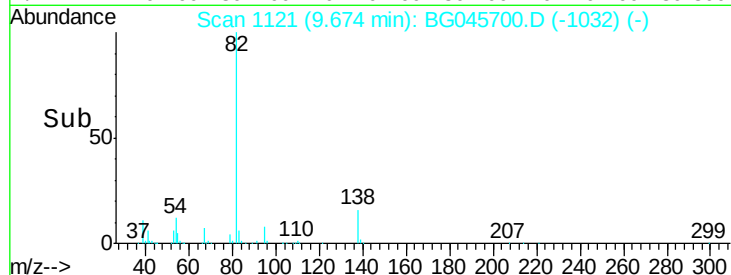
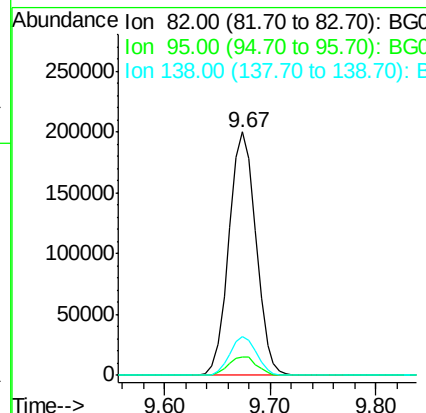
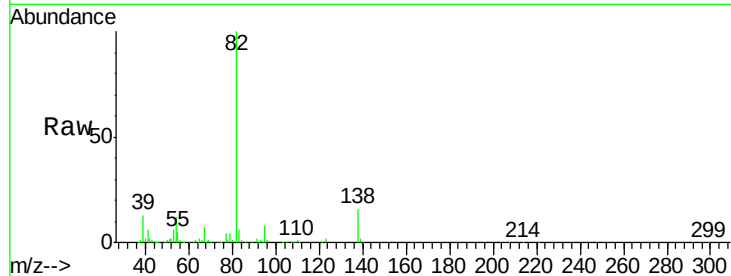
ClientSampleId :

72-11939MSD

Tot Ion:	82	Resp:	353744
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.7	10.1
138	15.9	12.2	18.4

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



#26

2-Nitrophenol

Concen: 42.287 ng

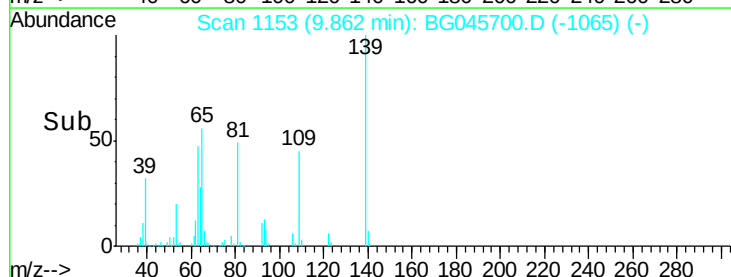
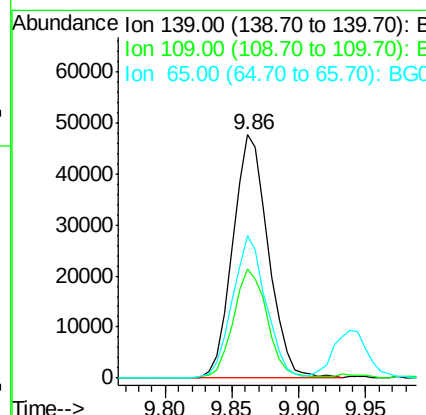
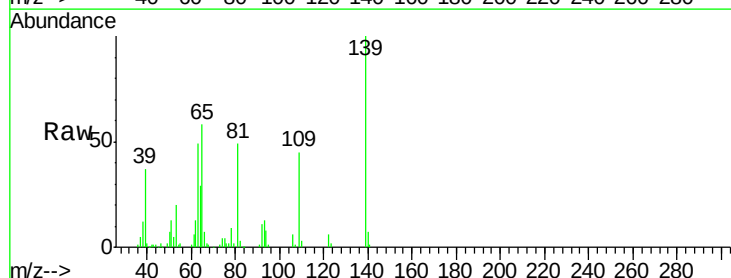
RT: 9.86 min Scan# 1153

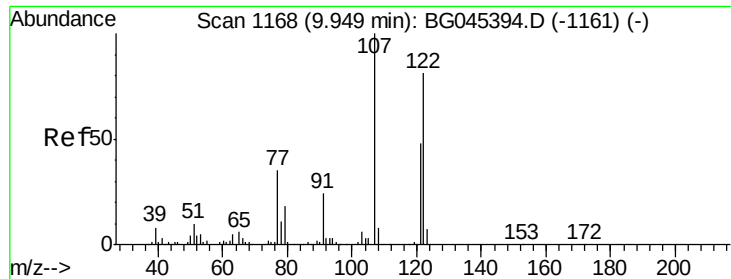
Delta R.T. -0.01 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Tgt Ion:	139	Resp:	88188
Ion Ratio	Lower	Upper	
139	100		
109	44.9	32.2	48.4
65	58.4	49.6	74.4





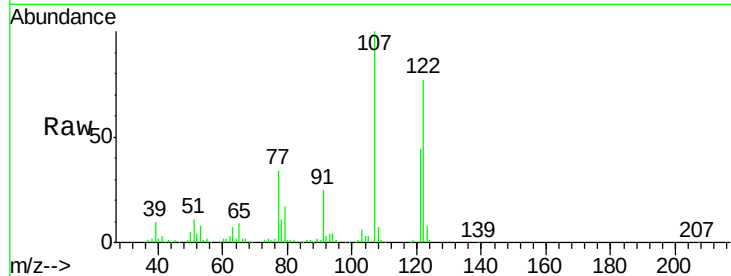
#27
2,4-Dimethylphenol
Concen: 44.759 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampled :
72-11939MSD

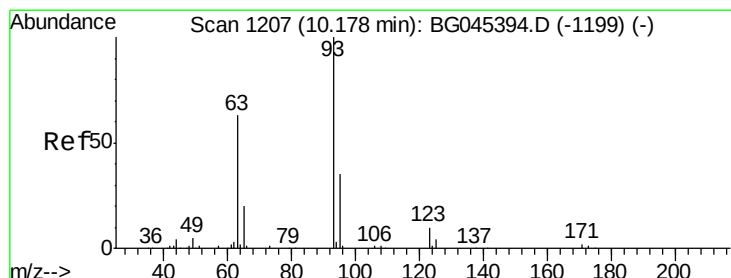
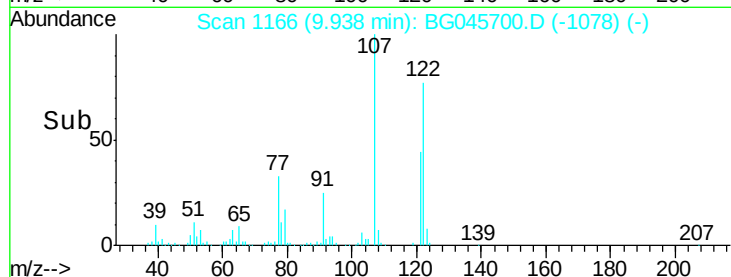
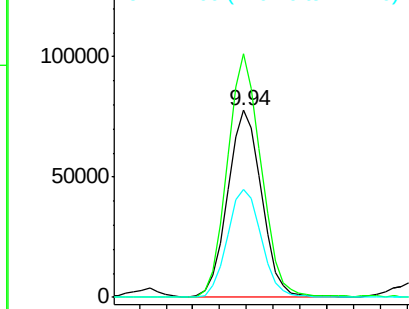
Tot Ion	Ratio	Resp	Lower	Upper
122	100	138443		
107	130.1	99.0	148.4	
121	57.7	47.7	71.5	

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM

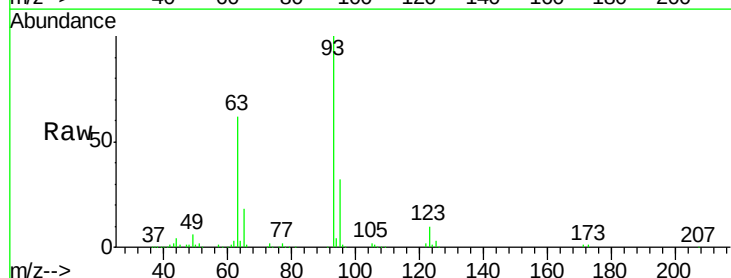


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

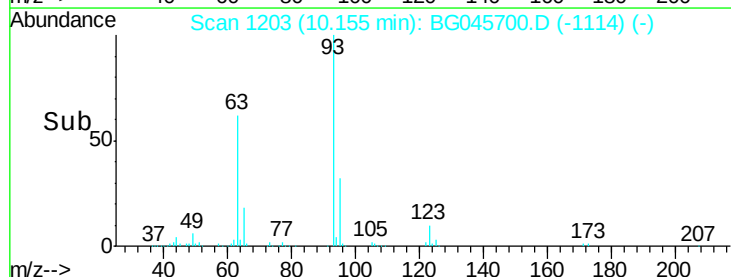
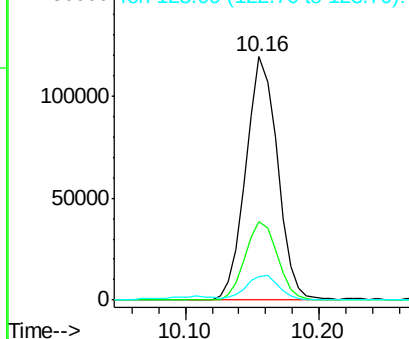


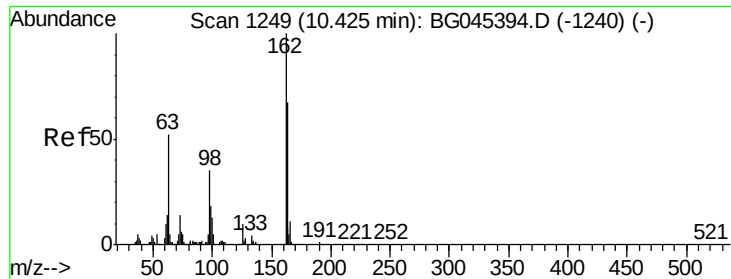
#28
bis(2-Chloroethoxy)methane
Concen: 41.748 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	196194		
95	32.3	27.6	41.4	
123	9.9	8.1	12.1	



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





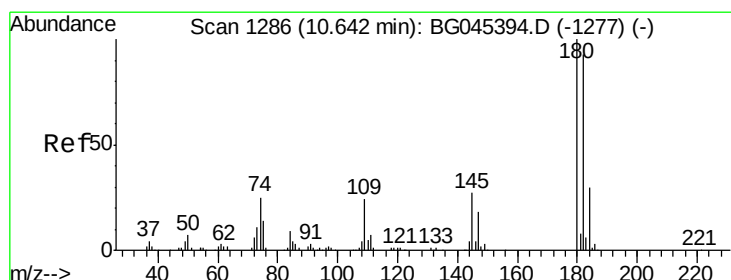
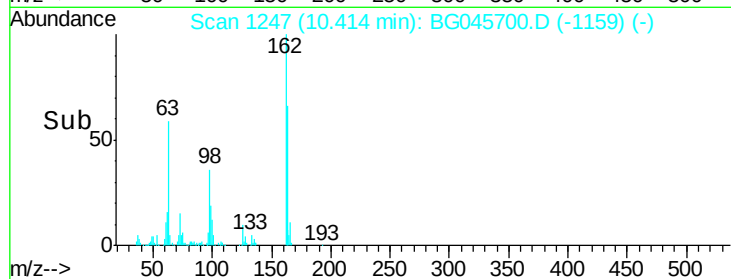
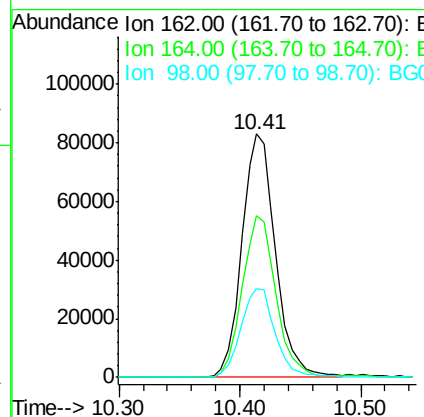
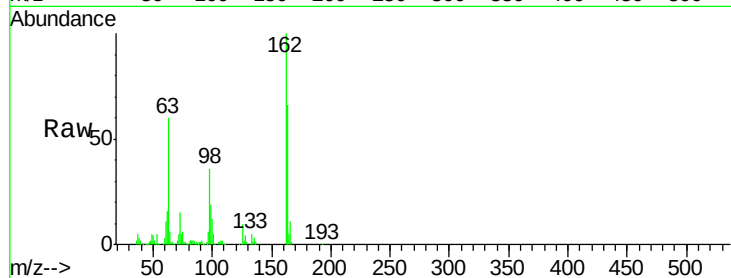
#29
 2,4-Dichlorophenol
 Concen: 43.924 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG045700.D
 Acq: 10 Jun 2020 20:37

Instrument :
 BNA_G
 ClientSampled :
 72-11939MSD

Tot Ion:	162	Resp:	160437
Ion Ratio	Lower	Upper	
162	100		
164	66.2	46.8	86.8
98	36.3	15.2	55.2

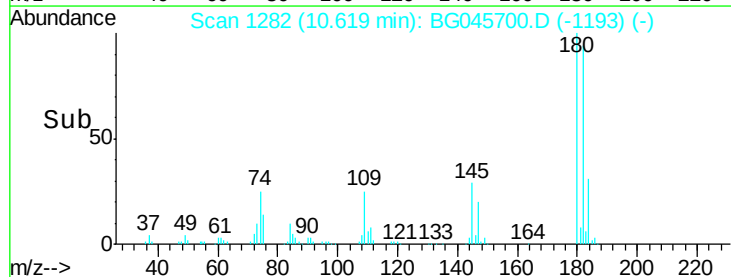
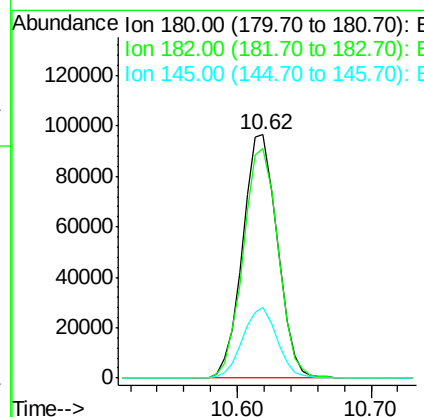
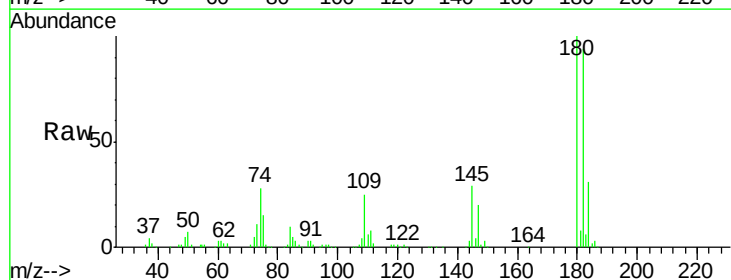
Manual Integrations
 APPROVED

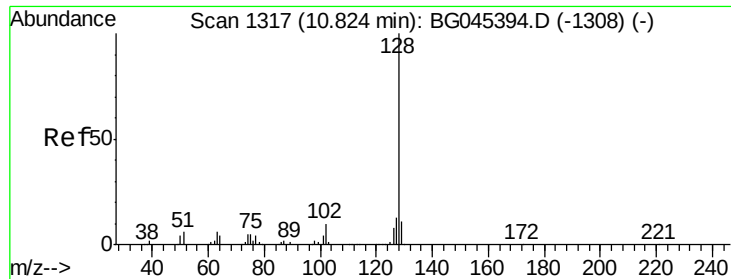
mohammad
 6/11/2020 1:48:07 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.243 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG045700.D
 Acq: 10 Jun 2020 20:37

Tgt Ion:	180	Resp:	173689
Ion Ratio	Lower	Upper	
180	100		
182	94.0	74.8	112.2
145	28.8	21.9	32.9





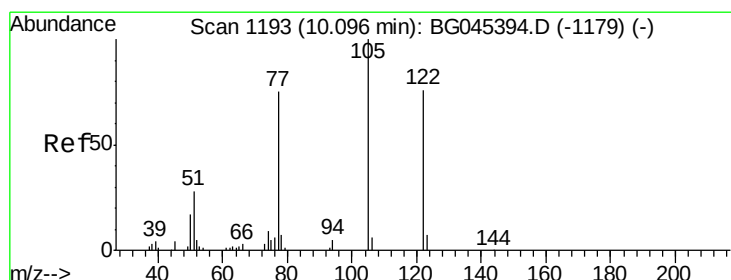
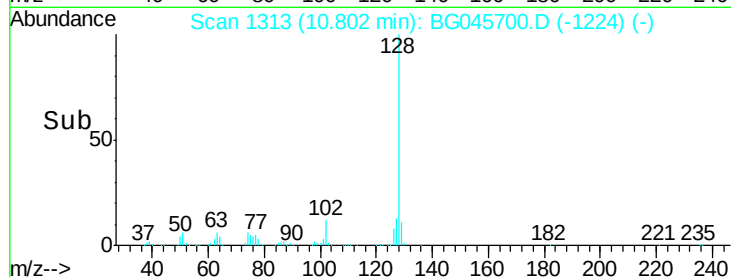
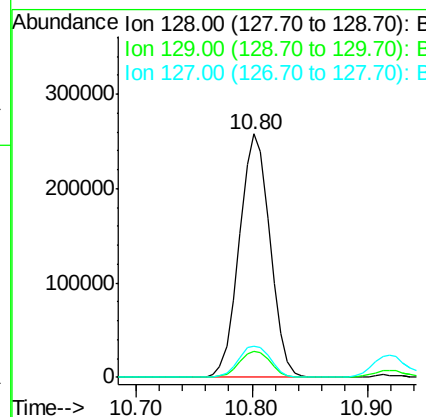
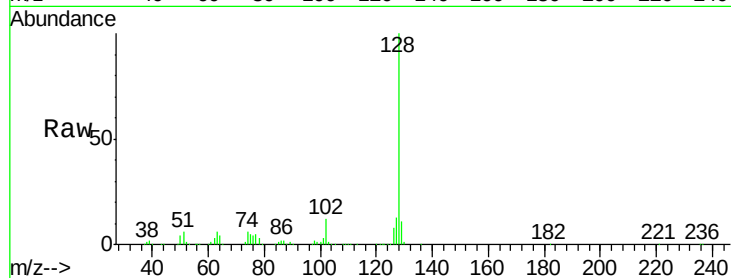
#31
Naphthalene
Concen: 41.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.0	10.7	16.1

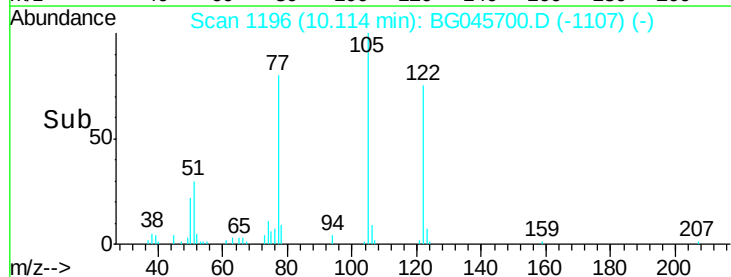
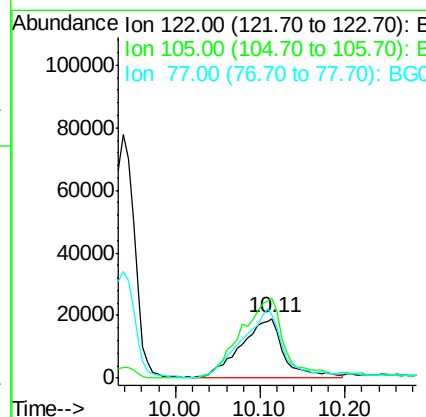
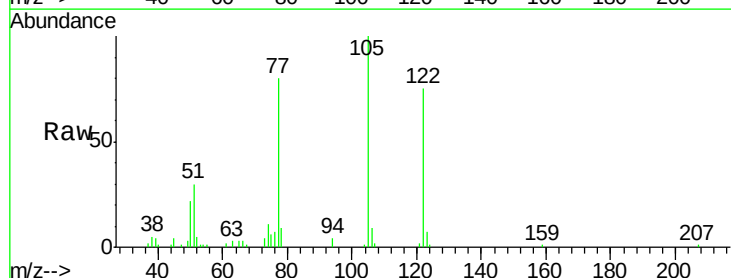
Manual Integrations
APPROVED

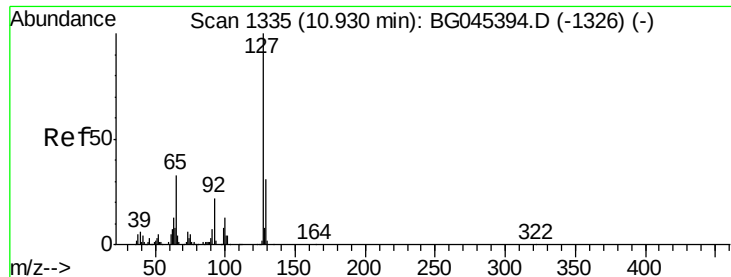
mohammad
6/11/2020 1:48:07 PM



#32
Benzoic acid
Concen: 34.676 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.2	107.9	147.9
77	106.1	78.9	118.9





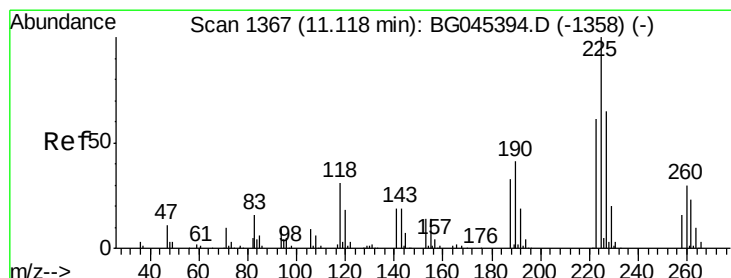
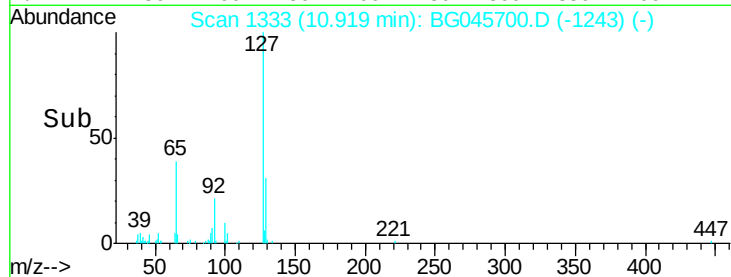
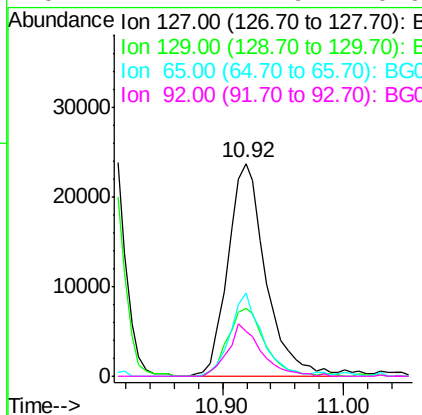
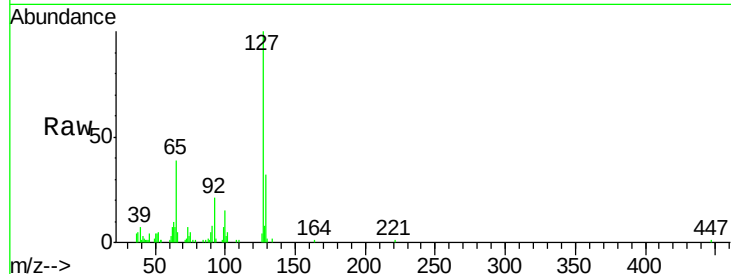
#33
4-Chloroaniline
Concen: 10.722 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		51821		
129	31.9	24.7	37.1		
65	39.1	26.2	39.2		
92	21.2	17.9	26.9		

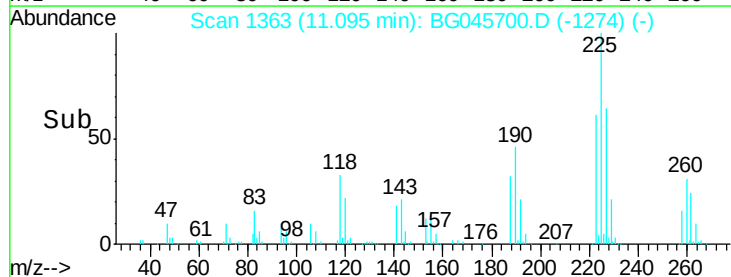
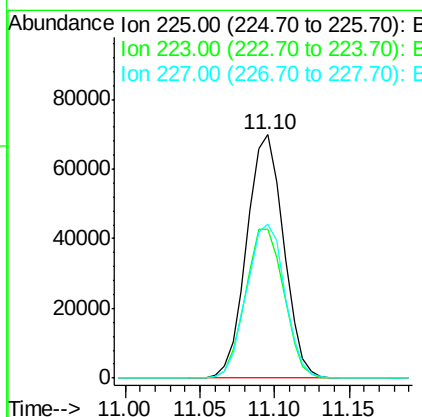
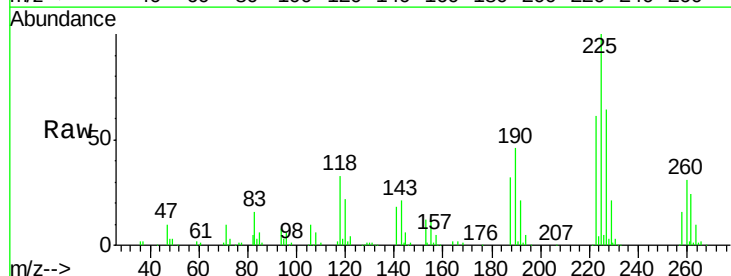
Manual Integrations
APPROVED

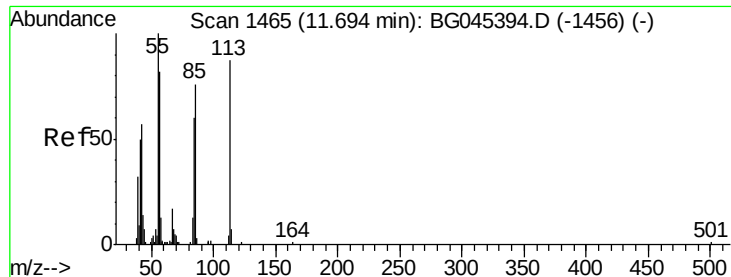
mohammad
6/11/2020 1:48:07 PM



#34
Hexachlorobutadiene
Concen: 38.932 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		118778		
223	61.3	49.1	73.7		
227	63.5	52.0	78.0		





#35

Caprolactam

Concen: 42.225 ng/ml

RT: 11.69 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Instrument :

BNA_G

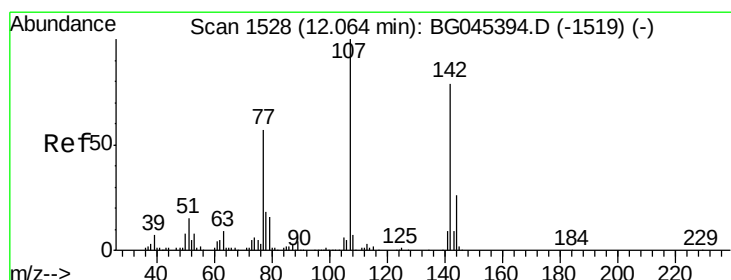
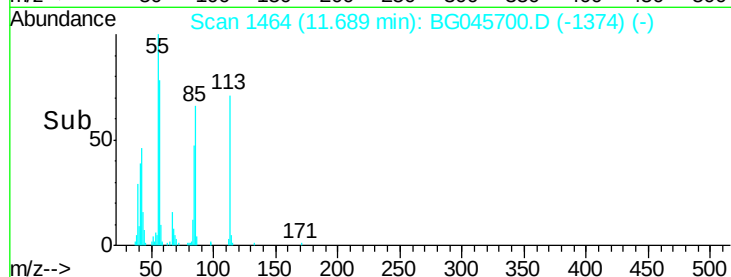
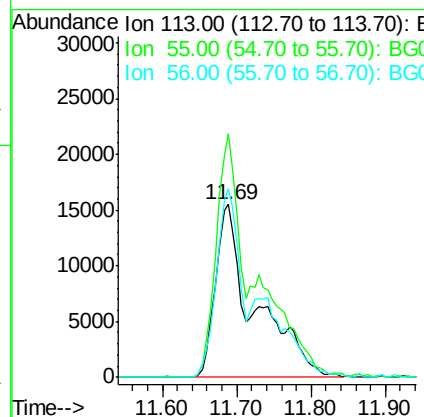
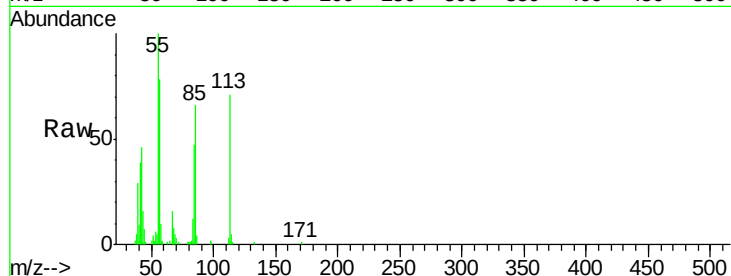
ClientSampleId :

72-11939MSD

Tot Ion:	113	Resp:	56610
Ion Ratio	Lower	Upper	
113	100		
55	140.9	96.0	136.0#
56	109.4	75.1	115.1

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



#36

4-Chloro-3-methylphenol

Concen: 45.857 ng/ml

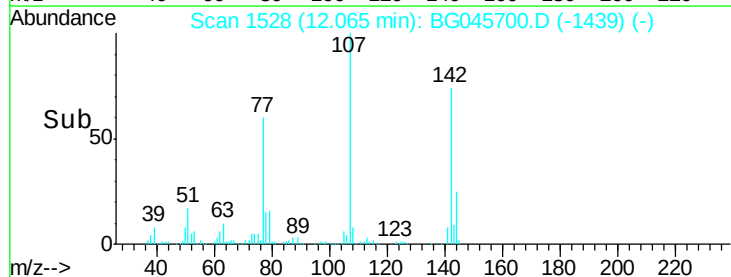
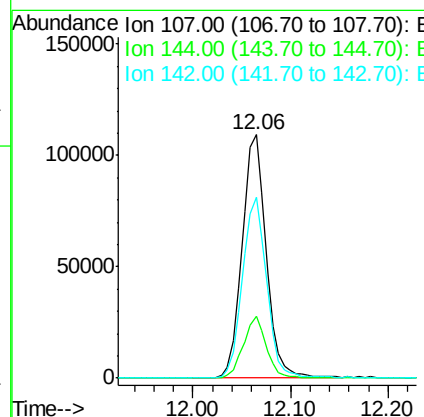
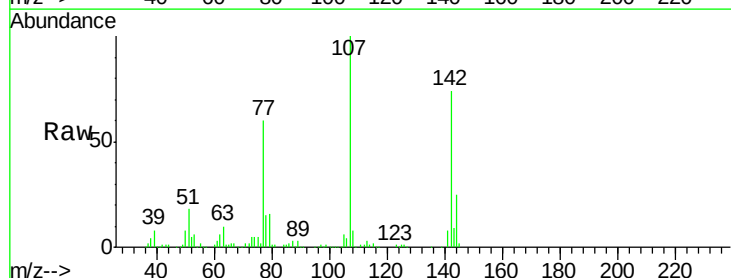
RT: 12.06 min Scan# 1528

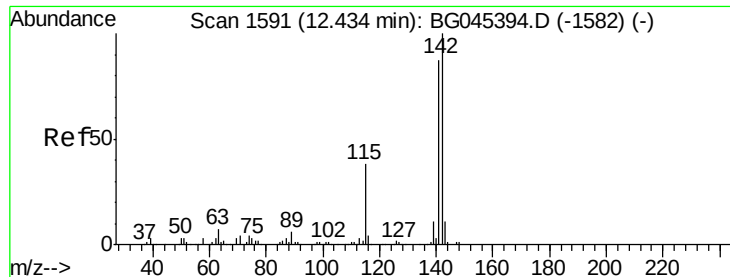
Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Tgt Ion:	107	Resp:	188743
Ion Ratio	Lower	Upper	
107	100		
144	25.3	20.8	31.2
142	74.3	62.8	94.2





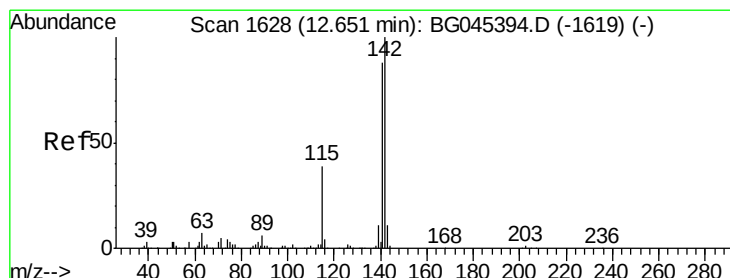
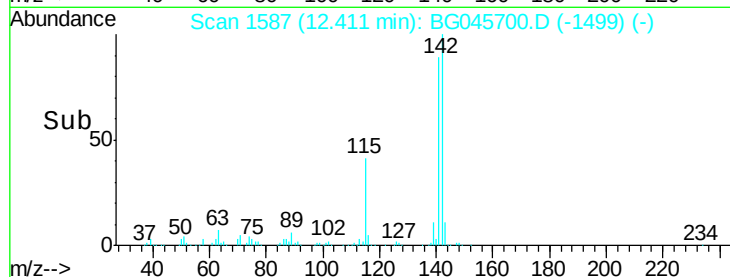
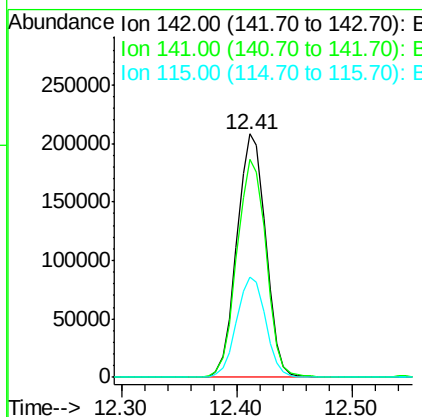
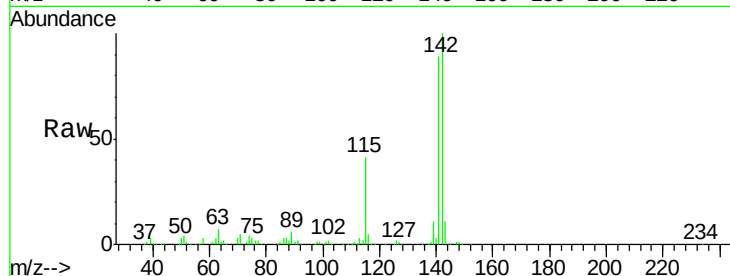
#37
2-Methylnaphthalene
Concen: 41.827 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.0	105.0
115	41.4	30.8	46.2

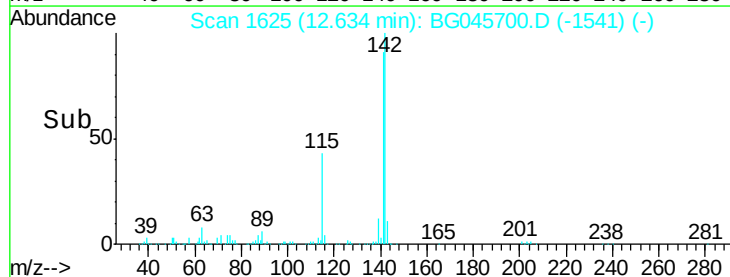
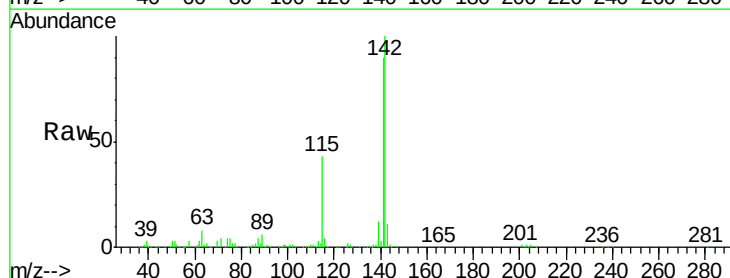
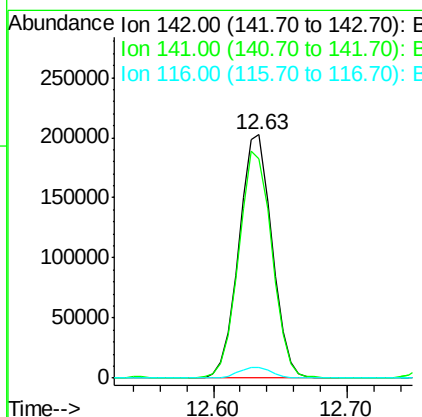
Manual Integrations
APPROVED

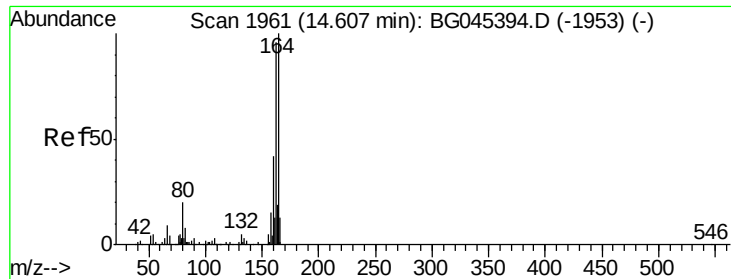
mohammad
6/11/2020 1:48:07 PM



#38
1-Methylnaphthalene
Concen: 42.415 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Instrument :

BNA_G

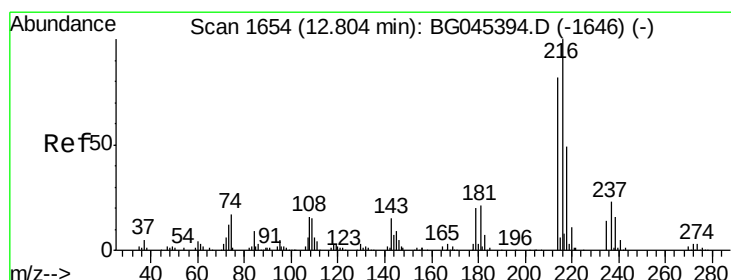
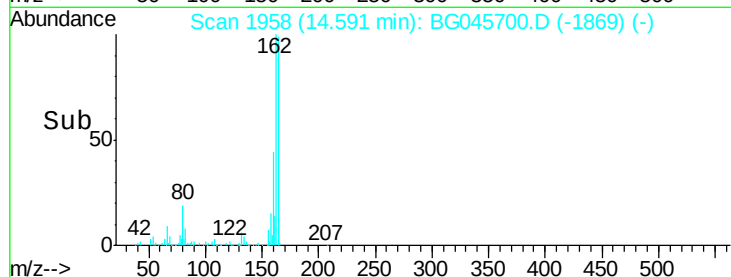
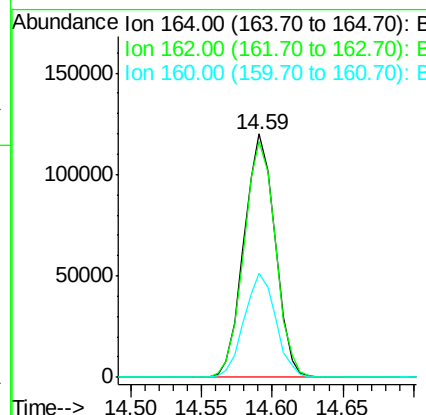
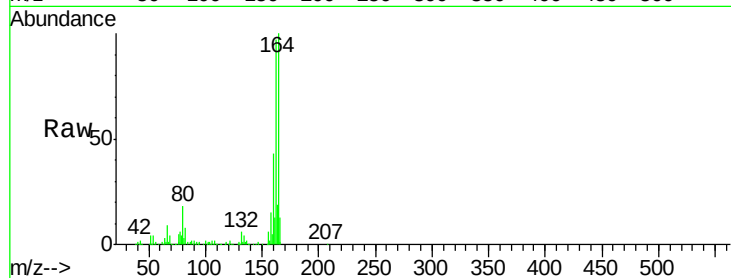
ClientSampleId :

72-11939MSD

Tot Ion:	164	Resp:	185193
Ion Ratio	Lower	Upper	
164	100		
162	97.1	76.9	115.3
160	43.0	33.8	50.8

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.781 ng

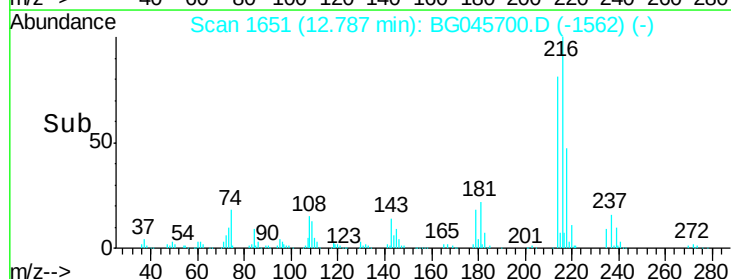
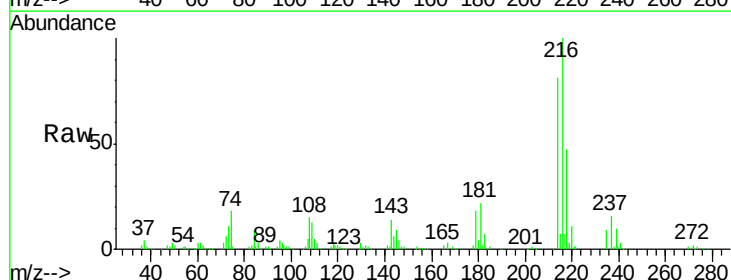
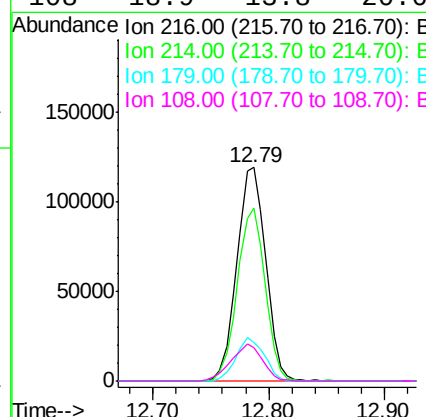
RT: 12.79 min Scan# 1651

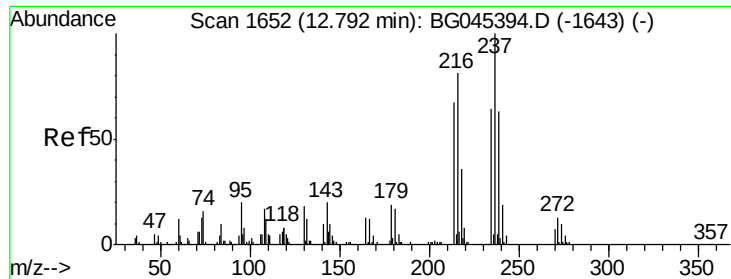
Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Tgt Ion:	216	Resp:	205778
Ion Ratio	Lower	Upper	
216	100		
214	78.1	63.7	95.5
179	20.0	16.1	24.1
108	18.9	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 75.773 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Instrument :

BNA_G

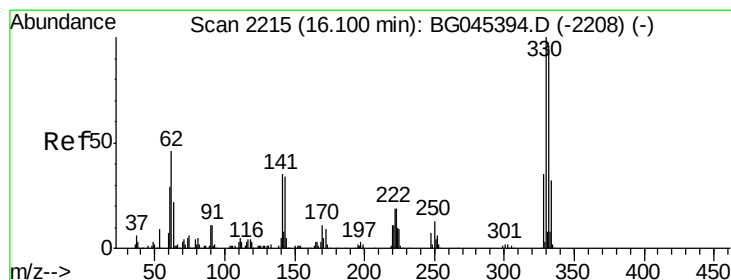
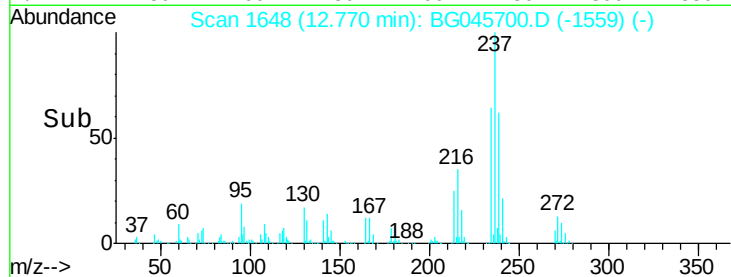
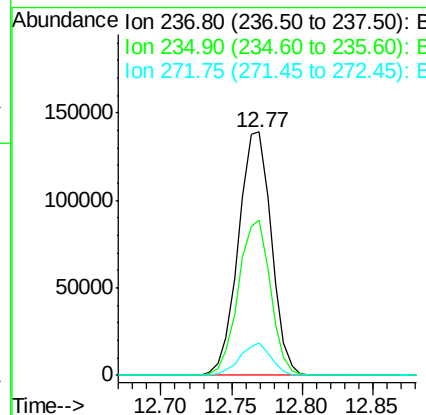
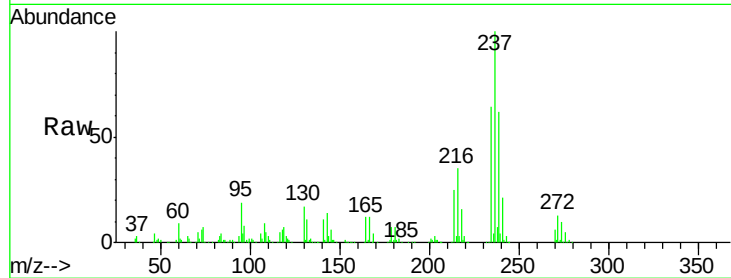
ClientSampleId :

72-11939MSD

Tot Ion:	237	Resp:	226229
Ion Ratio	Lower	Upper	
237	100		
235	63.9	44.4	84.4
272	13.3	0.0	32.5

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



#42

2,4,6-Tribromophenol

Concen: 86.056 ng

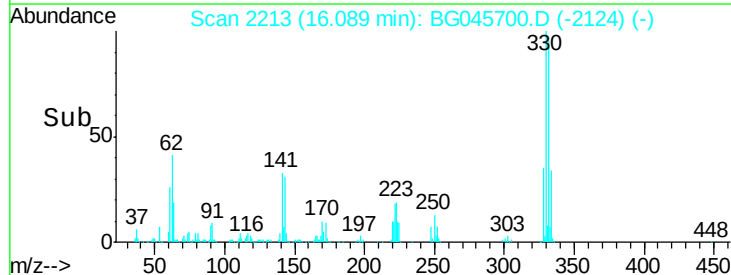
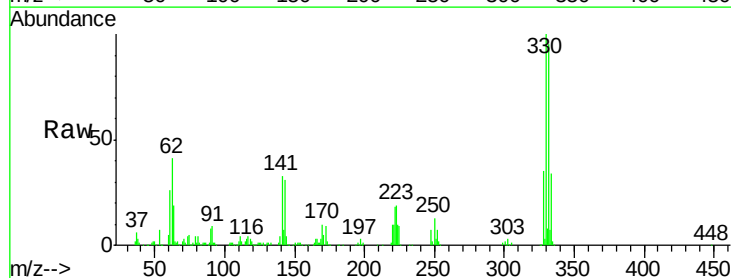
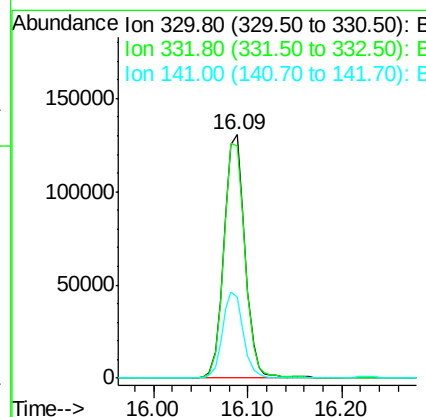
RT: 16.09 min Scan# 2213

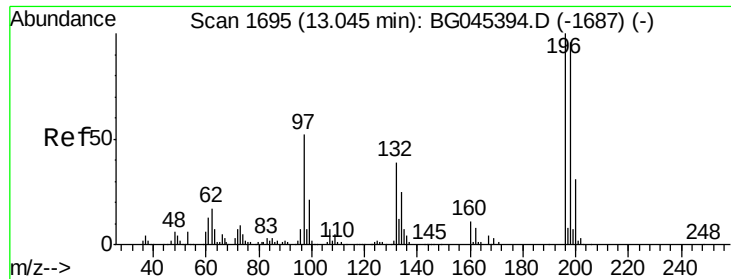
Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Tgt Ion:	330	Resp:	203815
Ion Ratio	Lower	Upper	
330	100		
332	97.4	78.2	117.4
141	34.5	28.2	42.4





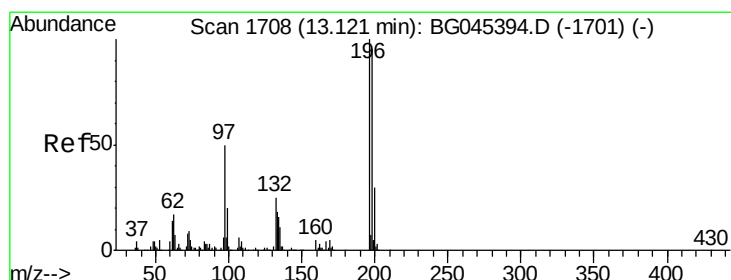
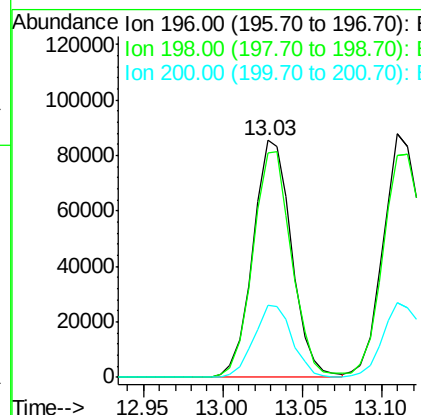
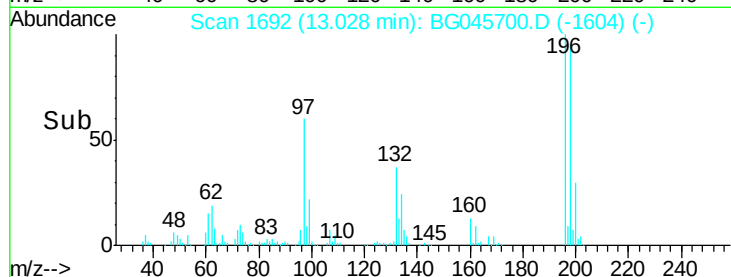
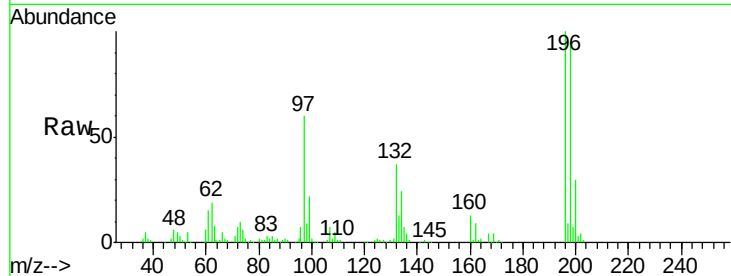
#43
 2,4,6-Trichlorophenol
 Concen: 40.310 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG045700.D
 Acq: 10 Jun 2020 20:37

Instrument :
 BNA_G
 ClientSampleId :
 72-11939MSD

Tot Ion:196	Resp:	144846
Ion Ratio	Lower	Upper
196	100	
198	94.8	76.7 115.1
200	30.3	24.9 37.3

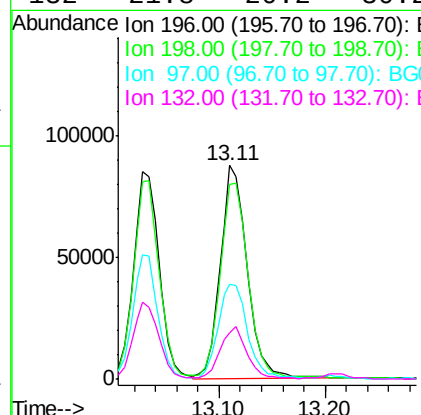
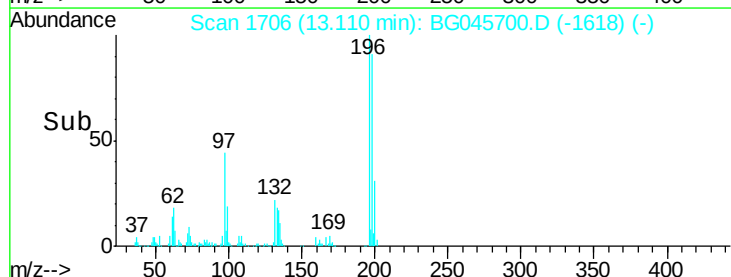
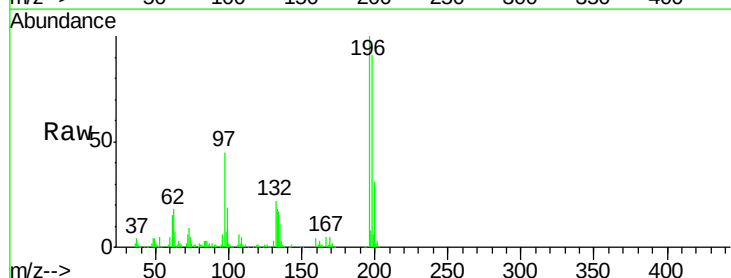
Manual Integrations
 APPROVED

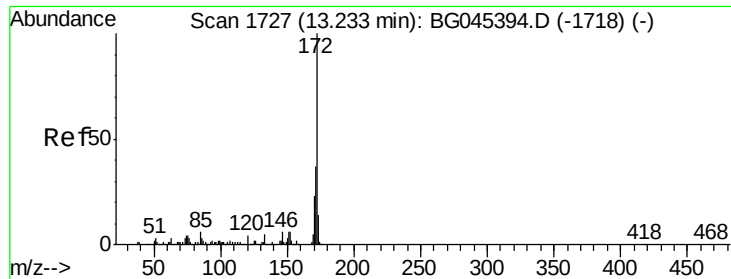
mohammad
 6/11/2020 1:48:07 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.793 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045700.D
 Acq: 10 Jun 2020 20:37

Tgt Ion:196	Resp:	155187
Ion Ratio	Lower	Upper
196	100	
198	91.1	76.1 114.1
97	44.6	40.0 60.0
132	21.8	20.2 30.2





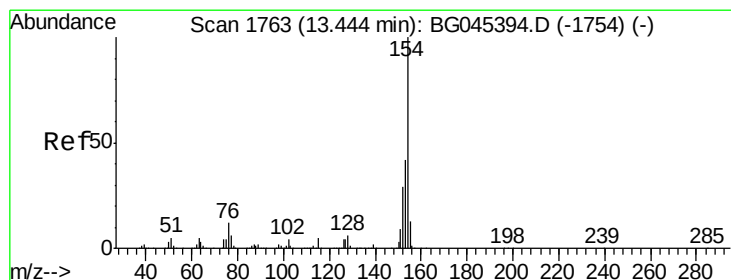
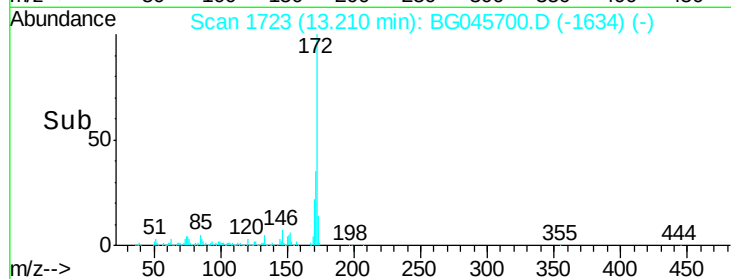
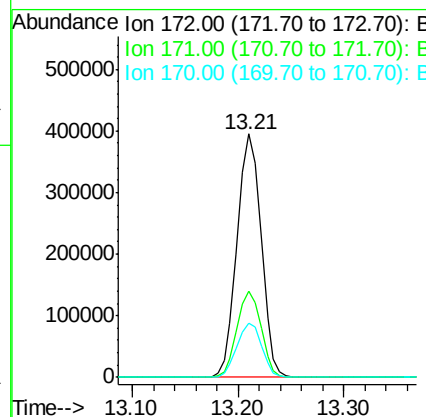
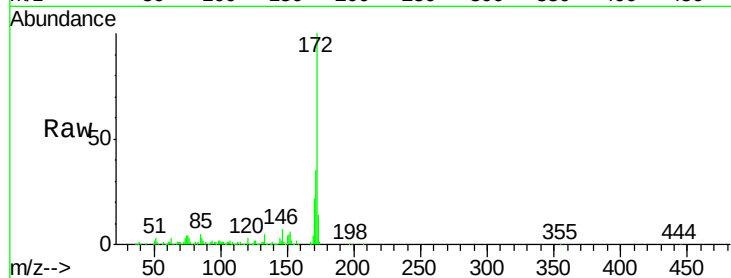
#45
2-Fluorobiphenyl
Concen: 57.198 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.5	44.3
170	22.3	18.5	27.7

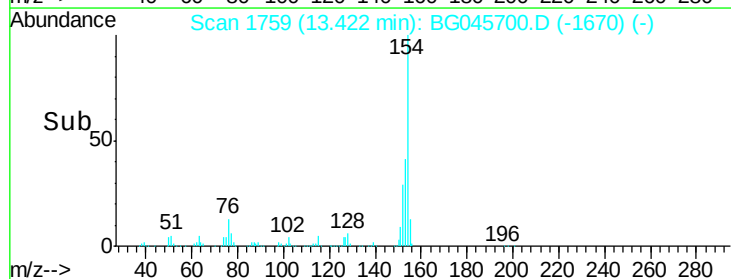
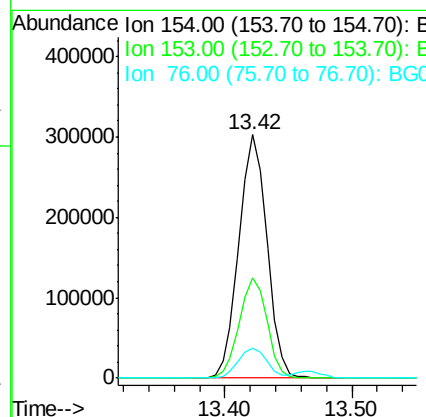
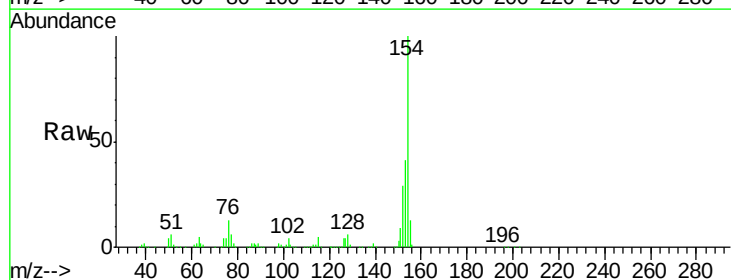
Manual Integrations
APPROVED

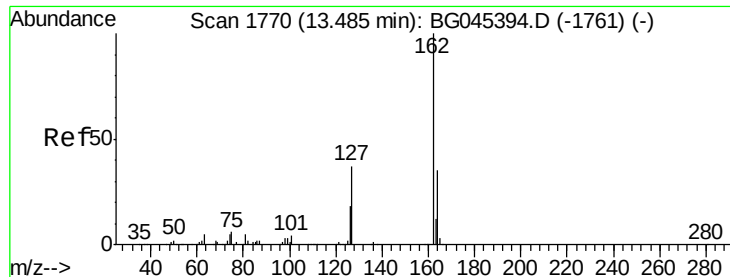
mohammad
6/11/2020 1:48:07 PM



#46
1,1'-Biphenyl
Concen: 40.842 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.2	62.2
76	12.5	0.0	32.4





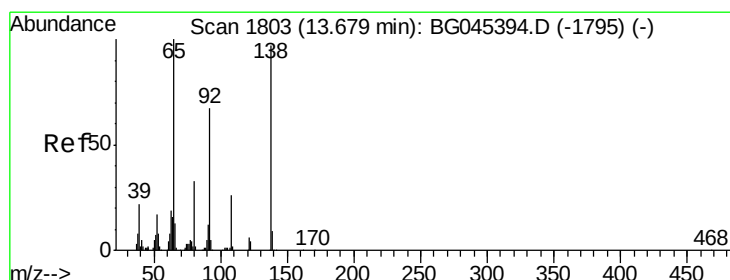
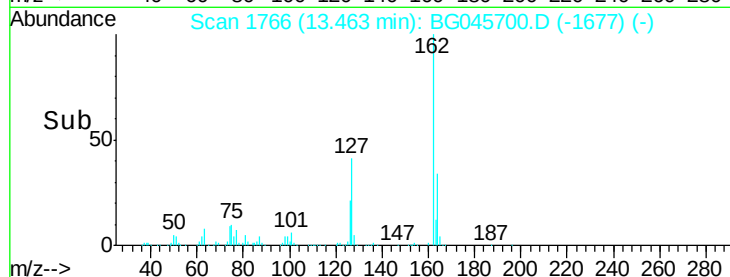
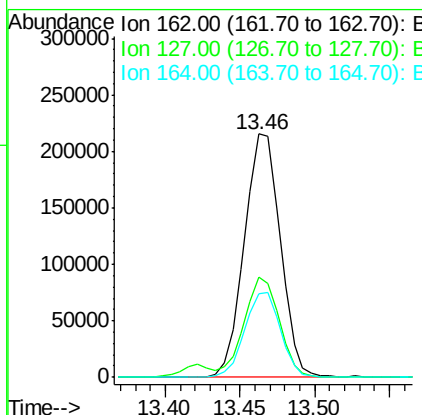
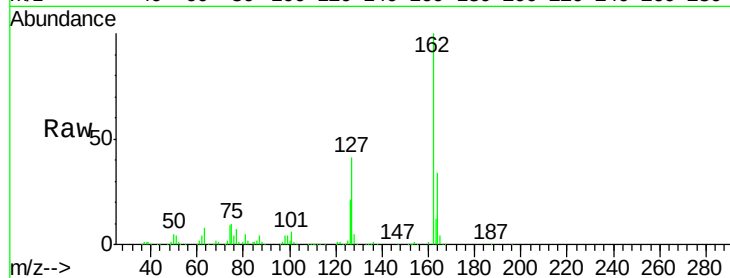
#47
2-Chloronaphthalene
Concen: 39.027 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	31.6	47.4
164	34.3	28.1	42.1

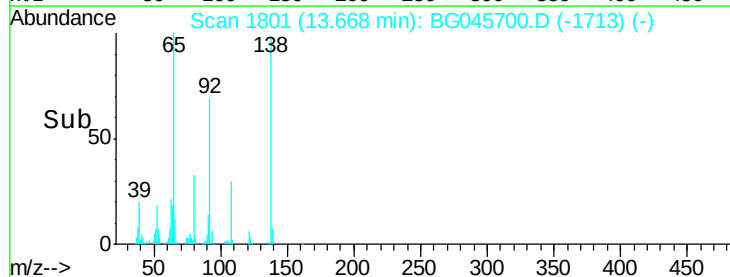
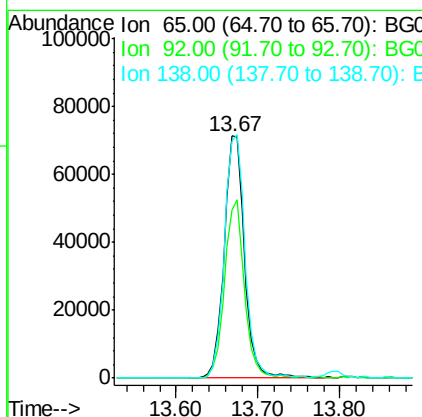
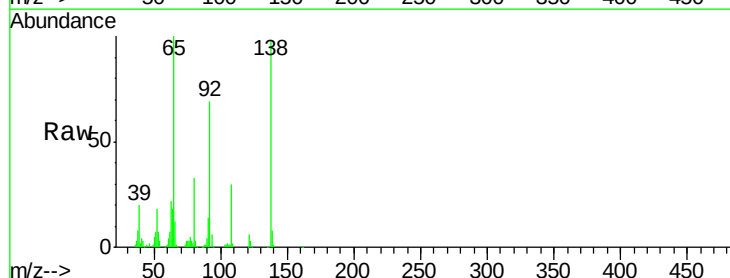
Manual Integrations
APPROVED

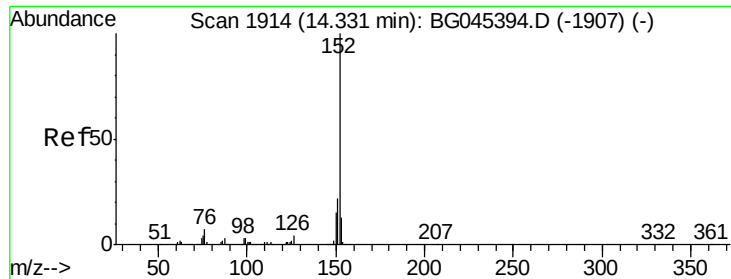
mohammad
6/11/2020 1:48:07 PM



#48
2-Nitroaniline
Concen: 40.662 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.8	80.8
138	97.8	77.9	116.9





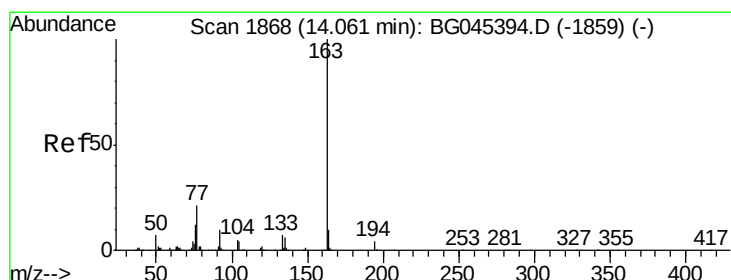
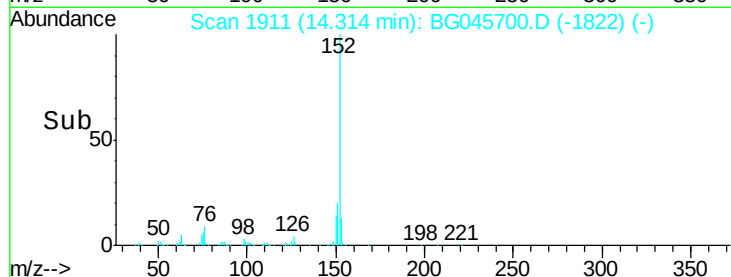
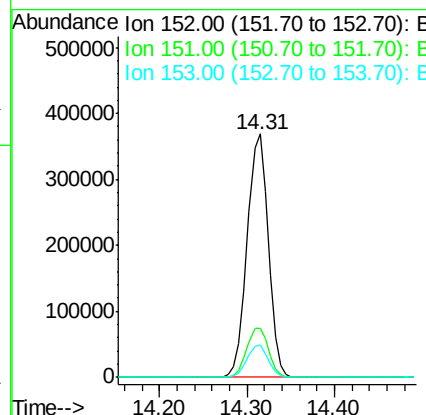
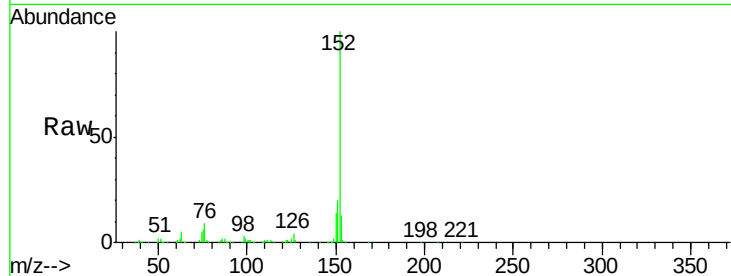
#49
Acenaphthylene
Concen: 40.388 ng
RT: 14.31 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	599461		
151	20.4		17.4	26.2
153	13.1		10.7	16.1

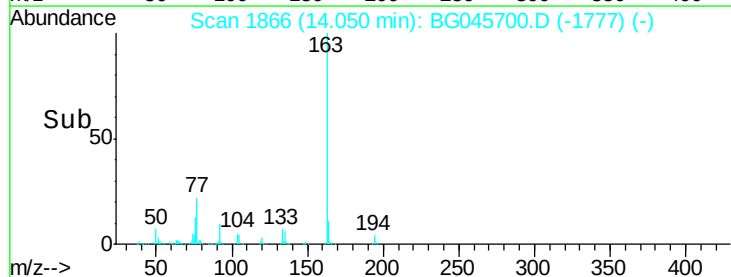
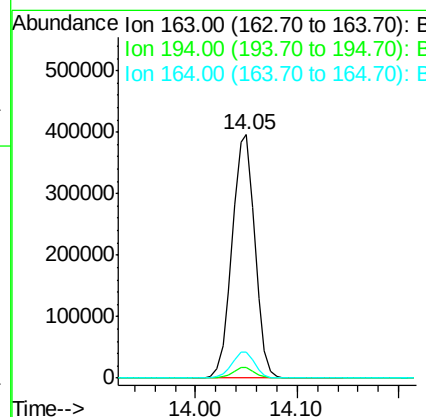
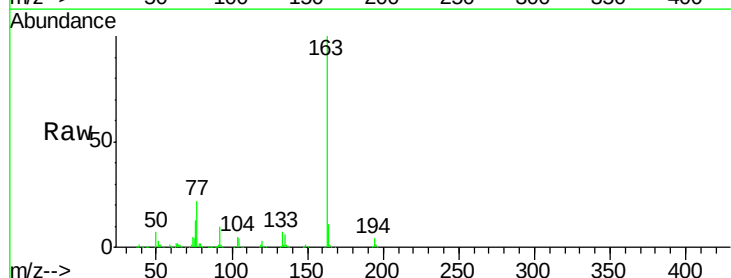
Manual Integrations
APPROVED

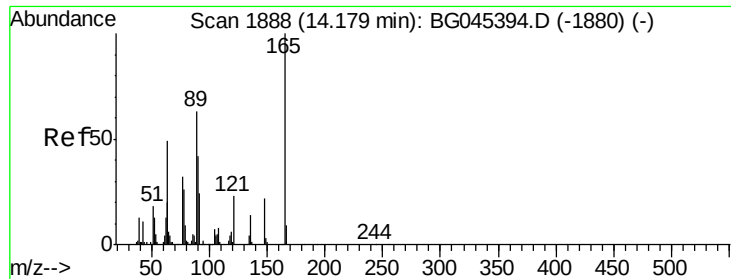
mohammad
6/11/2020 1:48:07 PM



#50
Dimethylphthalate
Concen: 48.493 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	616060		
194	4.2		3.2	4.8
164	10.6		8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 39.654 ng

RT: 14.17 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Instrument :

BNA_G

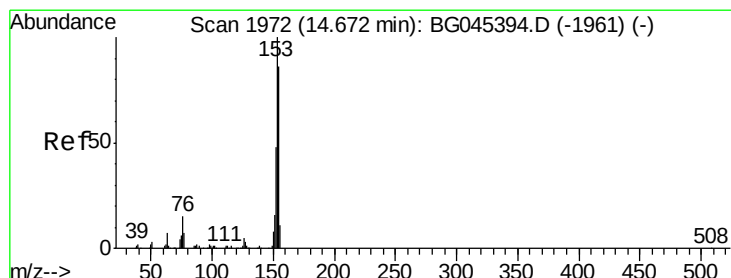
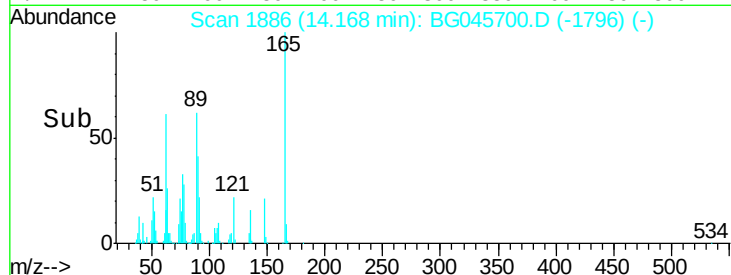
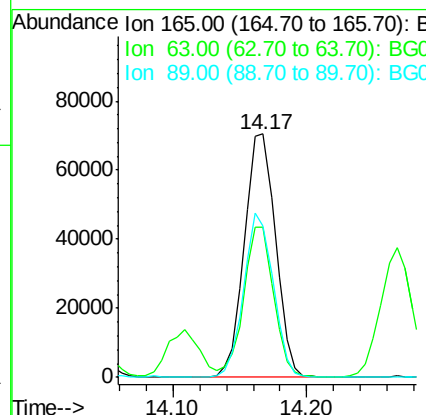
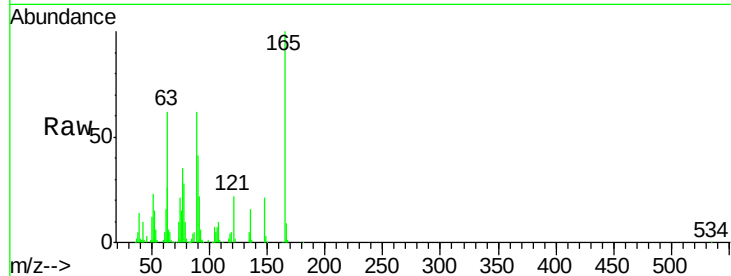
ClientSampleId :

72-11939MSD

Tot Ion:	165	Resp:	113676
Ion Ratio	Lower	Upper	
165	100		
63	61.9	45.0	67.4
89	62.2	50.2	75.4

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



#52

Acenaphthene

Concen: 45.647 ng m

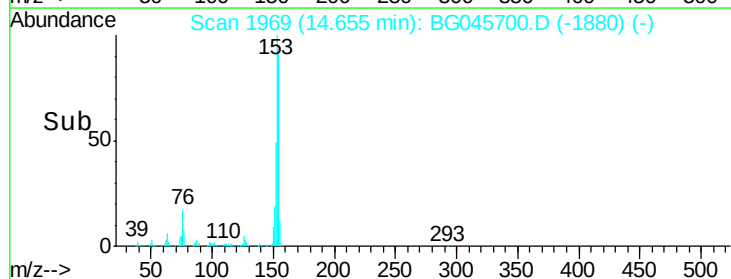
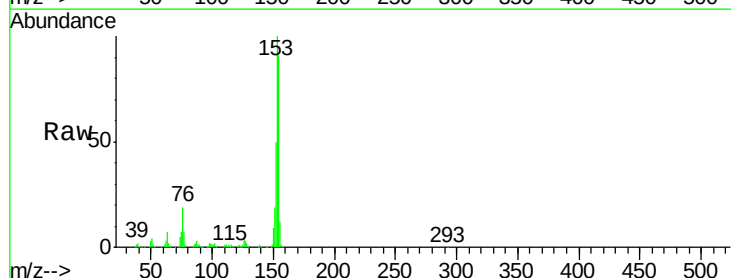
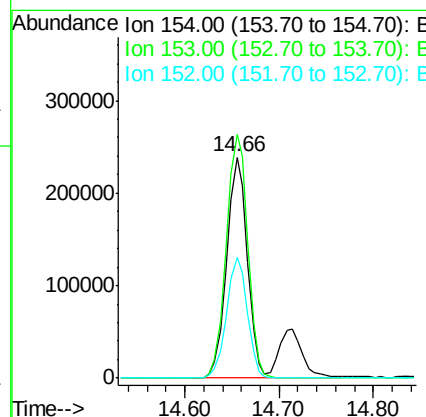
RT: 14.66 min Scan# 1969

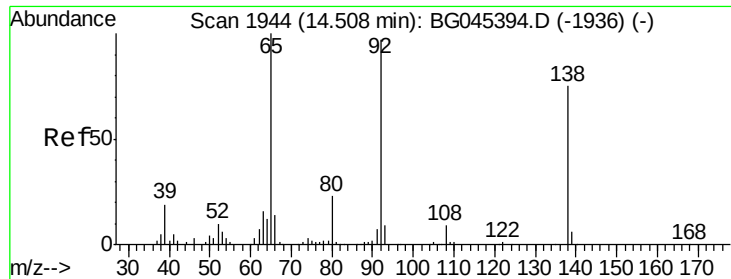
Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Tgt Ion:	154	Resp:	453510
Ion Ratio	Lower	Upper	
154	100		
153	110.4	92.8	139.2
152	54.7	44.6	66.8





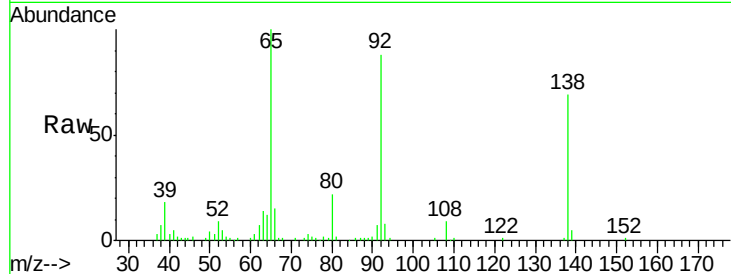
#53
3-Nitroaniline
Concen: 15.418 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

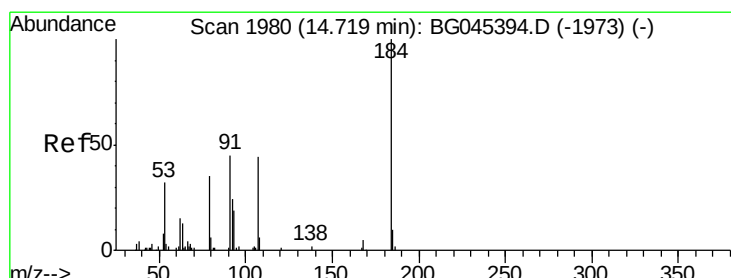
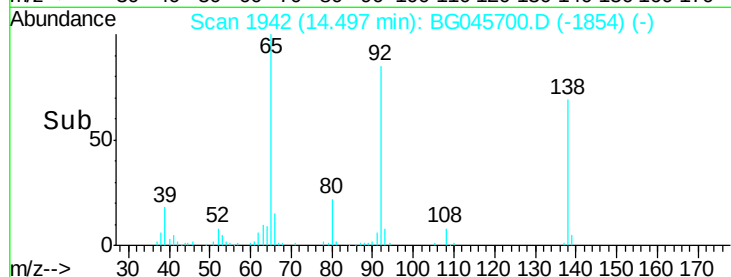
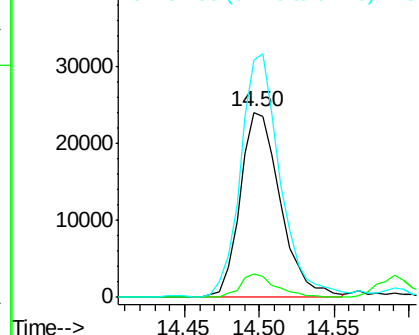
Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	9.8	14.6
92	128.3	103.0	154.4

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM

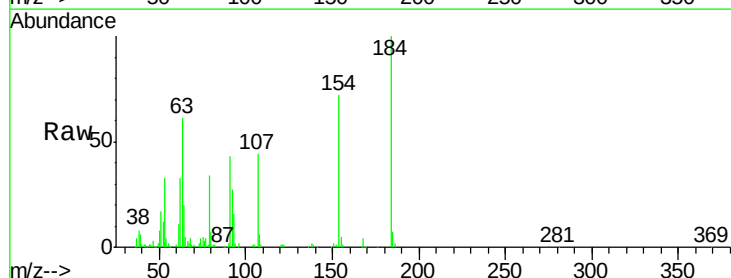


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

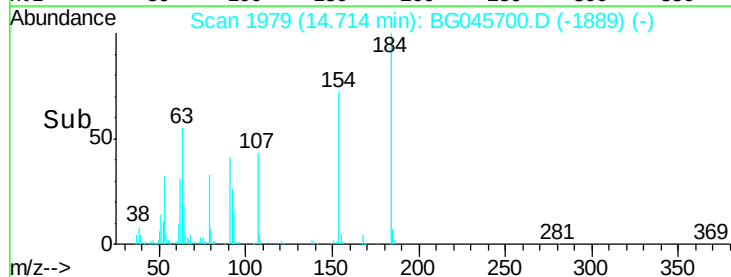
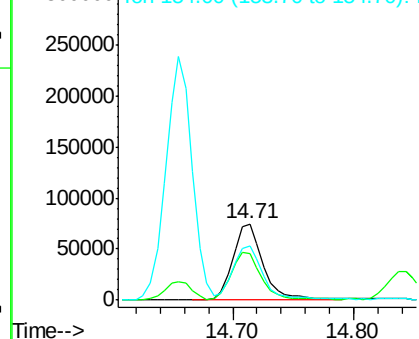


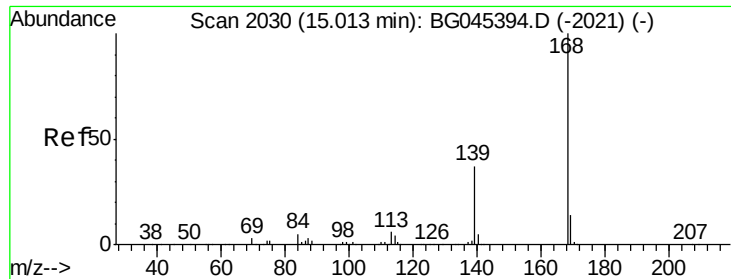
#54
2,4-Dinitrophenol
Concen: 70.346 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.9	47.8	71.6
154	71.7	58.3	87.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): E
Ion 154.00 (153.70 to 154.70): E





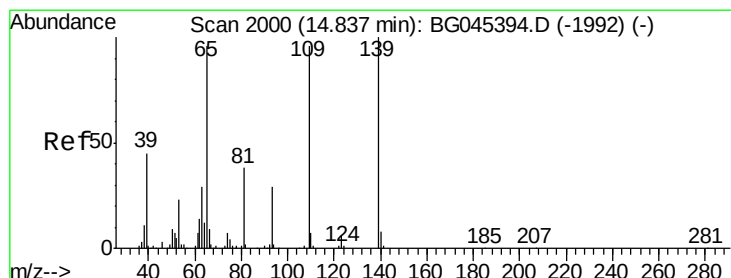
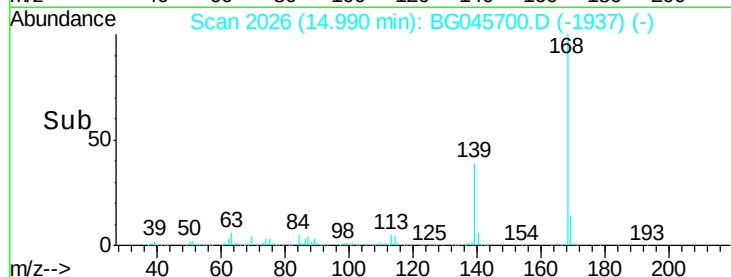
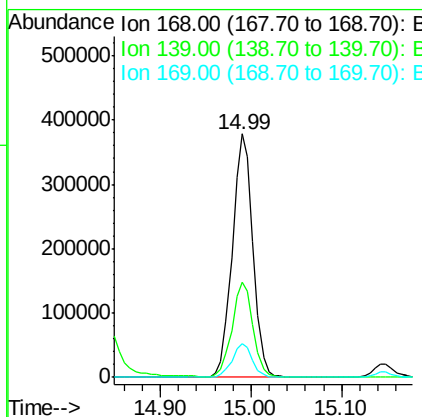
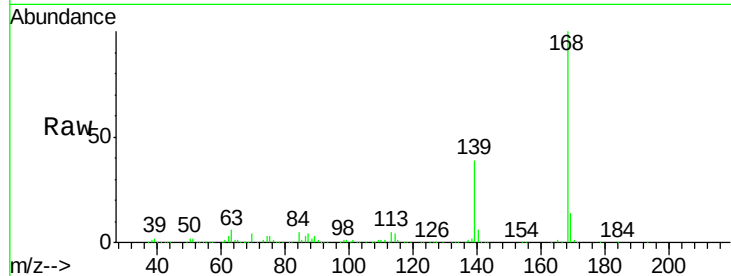
#55
Dibenzofuran
Concen: 40.523 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	597870		
139	39.1		29.9	44.9
169	13.9		10.9	16.3

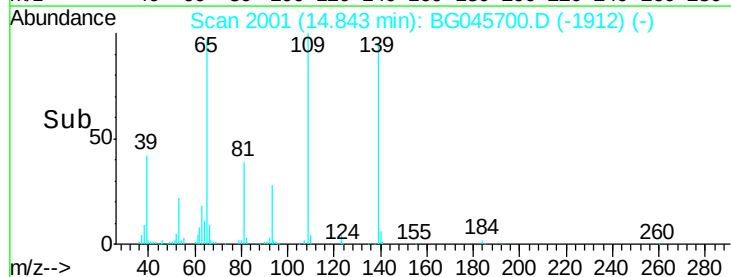
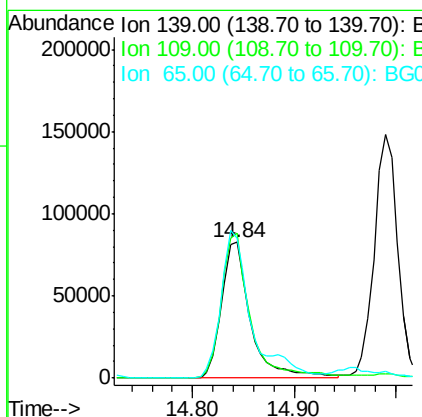
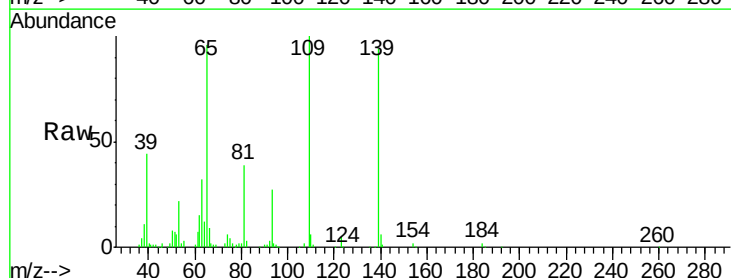
Manual Integrations
APPROVED

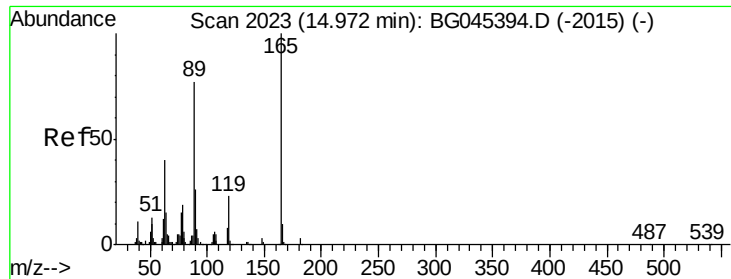
mohammad
6/11/2020 1:48:07 PM



#56
4-Nitrophenol
Concen: 74.663 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	164726		
109	106.7		75.6	115.6
65	102.6		76.8	116.8





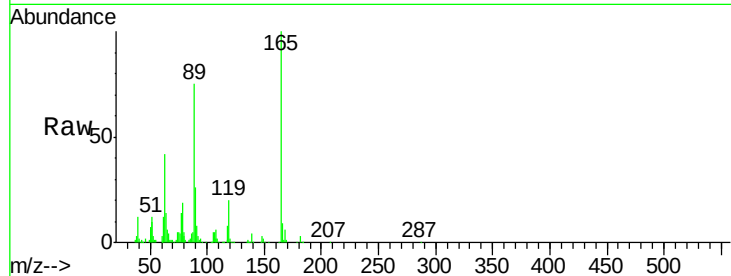
#57
2,4-Dinitrotoluene
Concen: 39.343 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	32.5	48.7
89	74.7	61.8	92.6
182	2.5	2.3	3.5

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM

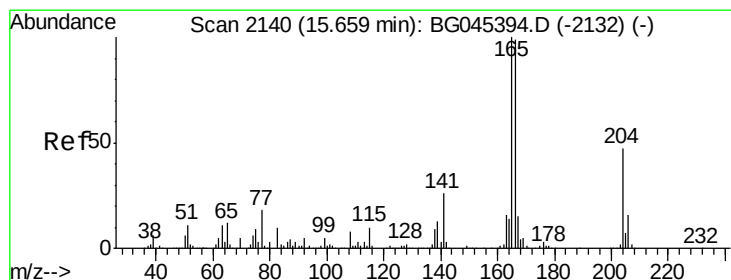
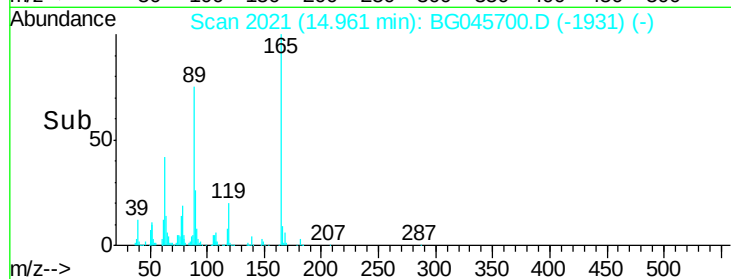
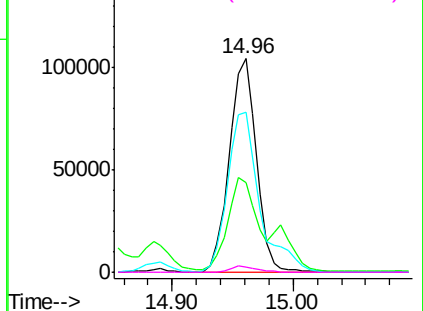


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

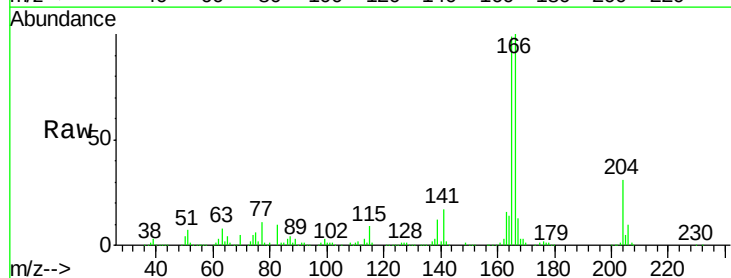
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.038 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

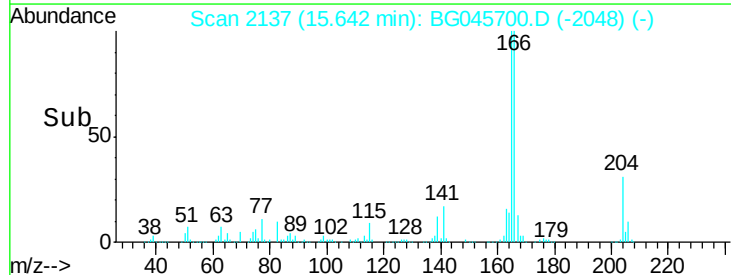
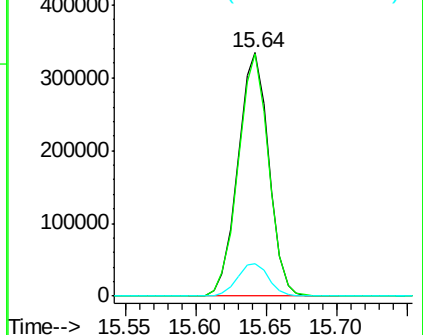
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.8	121.2
167	13.4	12.0	18.0

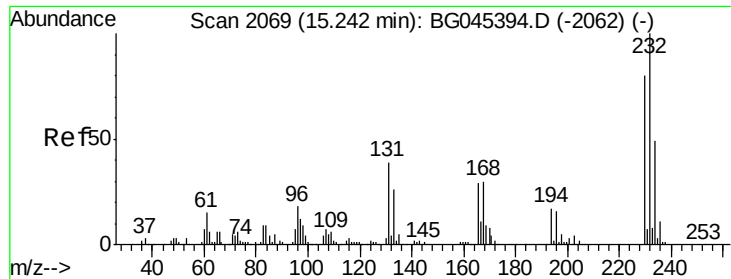


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





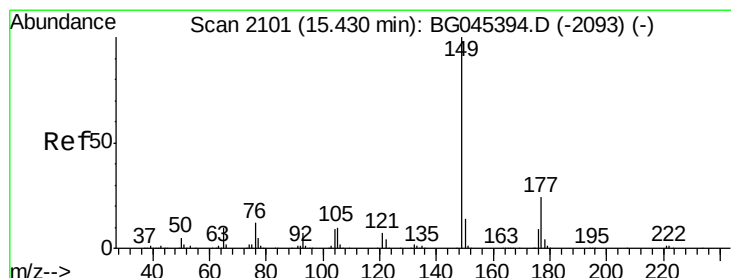
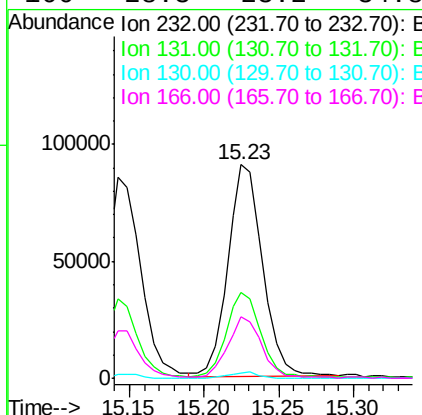
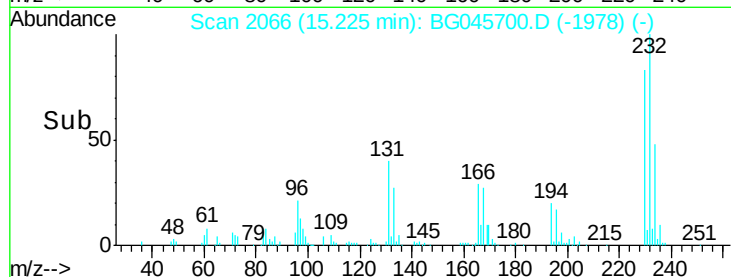
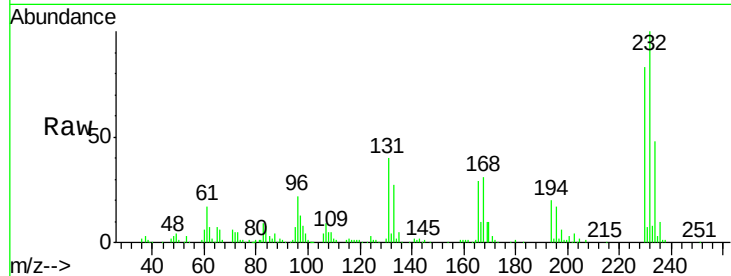
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.765 ng
RT: 15.23 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampled :
72-11939MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	147266		
131	39.6		33.7	50.5
130	2.5		2.1	3.1
166	28.3		23.2	34.8

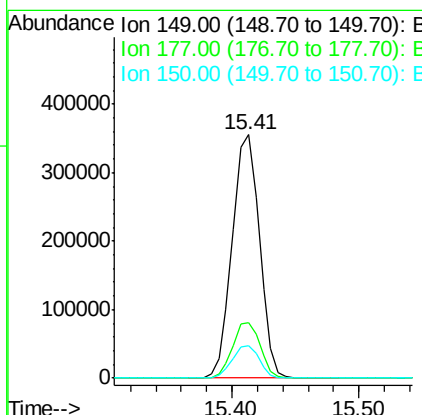
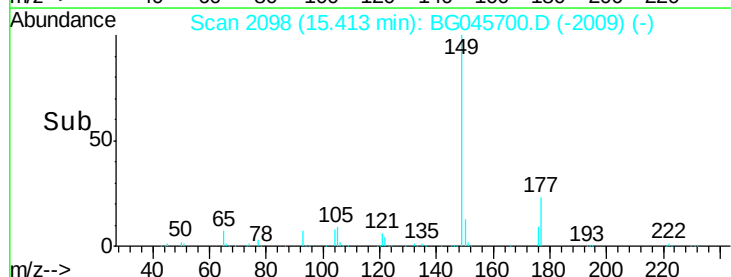
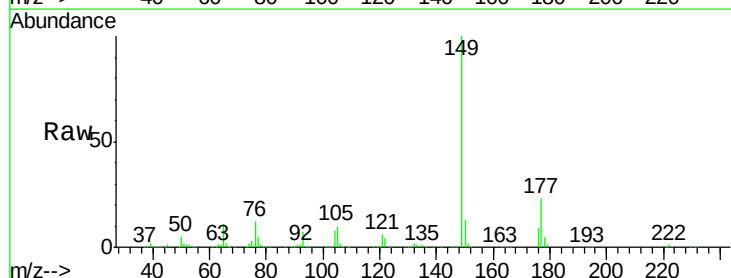
Manual Integrations
APPROVED

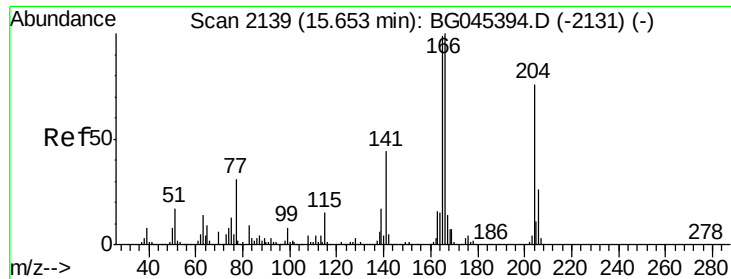
mohammad
6/11/2020 1:48:07 PM



#60
Diethylphthalate
Concen: 39.831 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	526676		
177	22.9		19.0	28.4
150	13.5		11.4	17.0





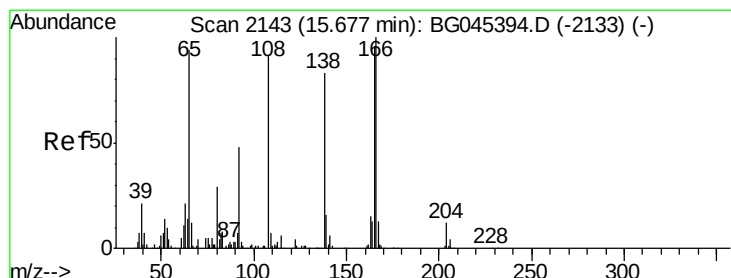
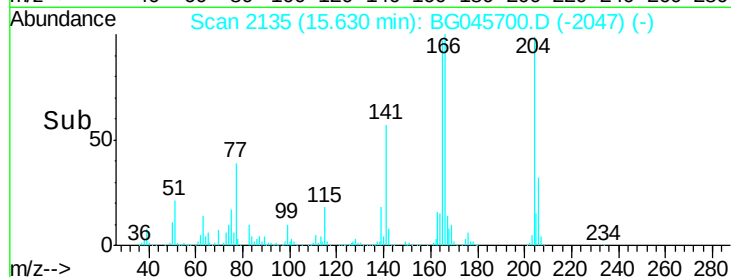
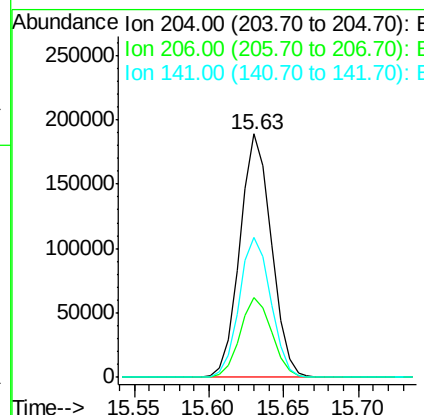
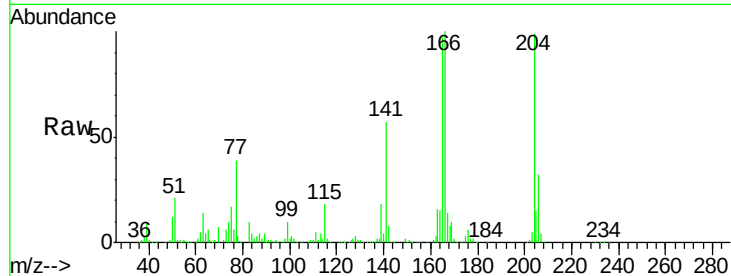
#61
4-Chlorophenyl-phenylether
Concen: 40.033 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	27.3	40.9
141	57.7	45.9	68.9

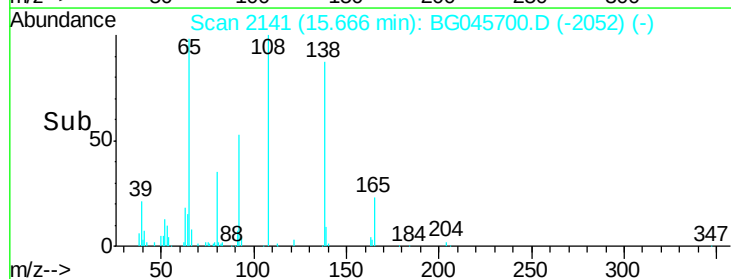
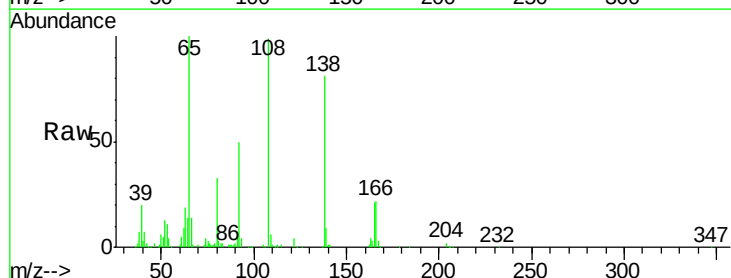
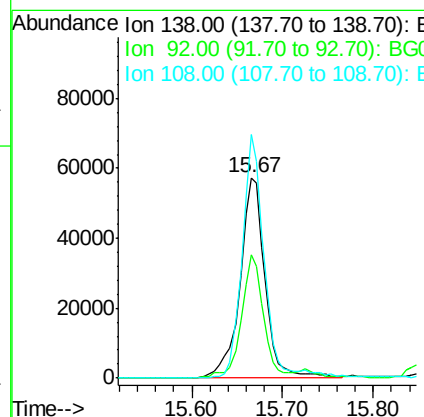
Manual Integrations
APPROVED

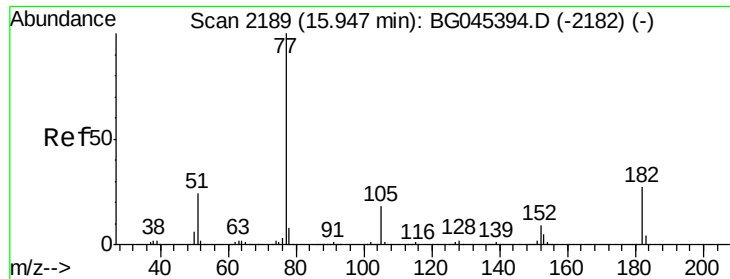
mohammad
6/11/2020 1:48:07 PM



#62
4-Nitroaniline
Concen: 36.436 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.6	38.0	78.0
108	121.4	89.3	129.3





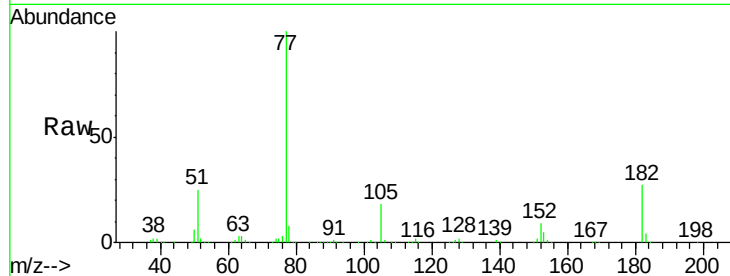
#63
Azobenzene
Concen: 41.589 ng
RT: 15.92 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

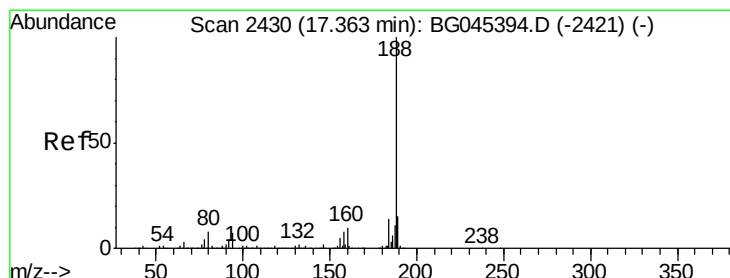
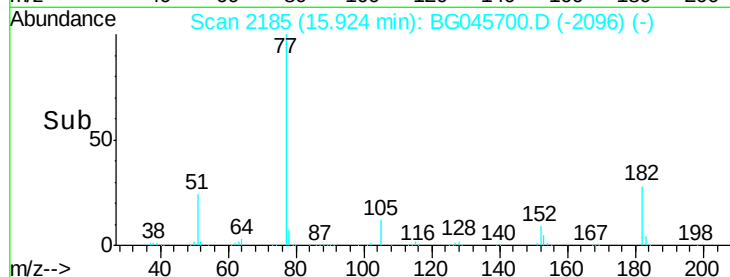
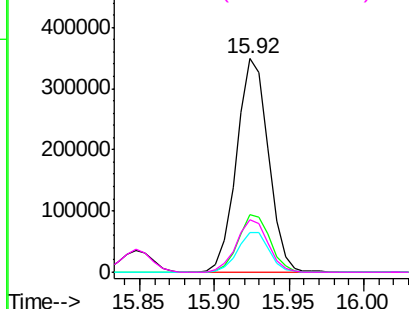
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		512780		
182	26.8	6.5	46.5		
105	18.5	0.0	37.9		
51	24.8	4.1	44.1		

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM

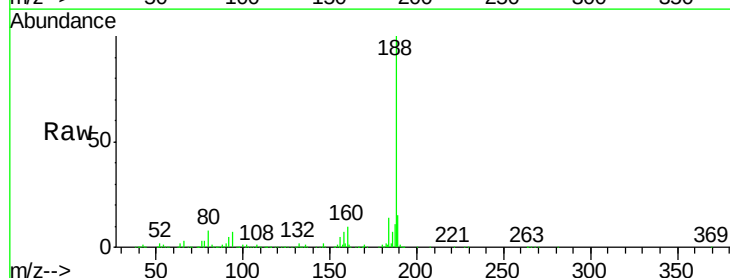


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

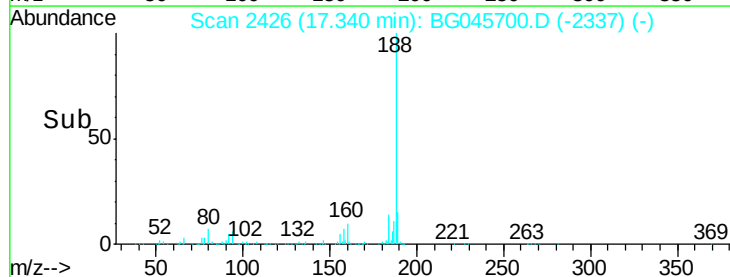
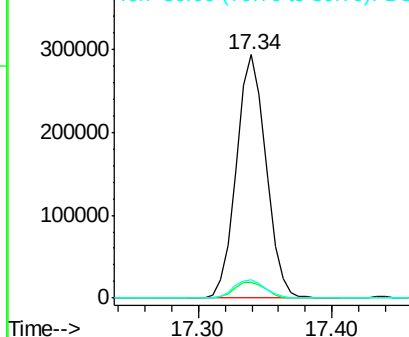


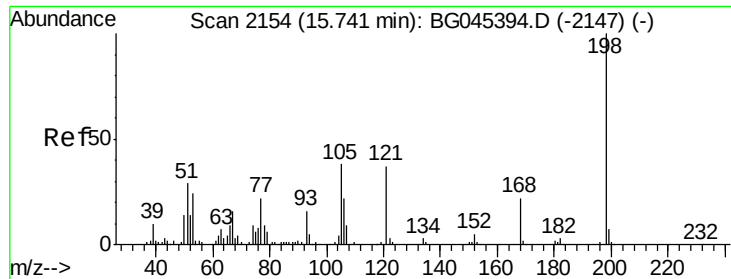
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		452914		
94	6.5	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





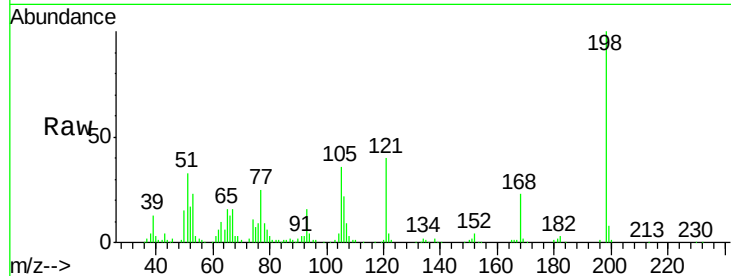
#65
4,6-Dinitro-2-methylphenol
Concen: 40.249 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

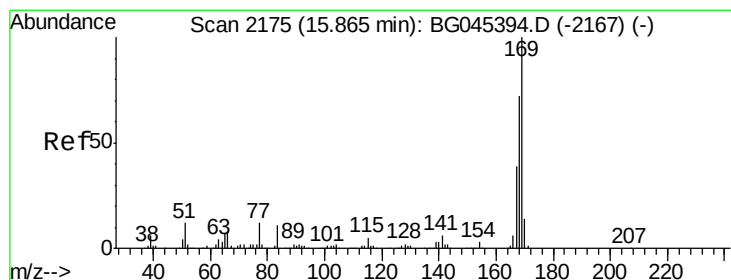
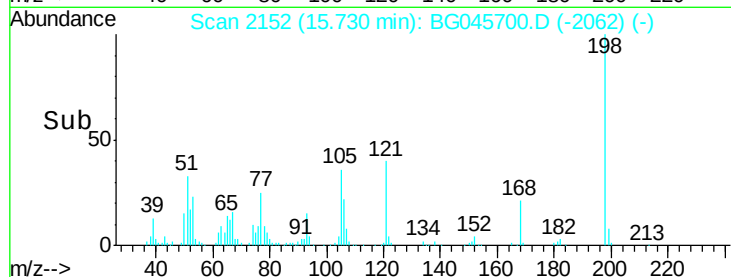
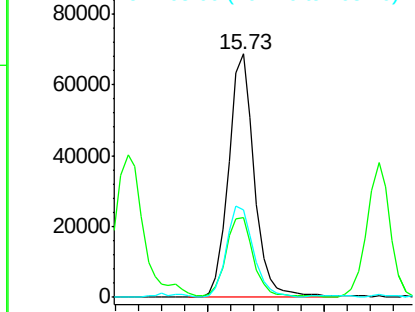
Tot Ion	Ratio	Resp	Lower	Upper
198	100	106166		
51	32.8	10.0	50.0	
105	36.0	18.9	58.9	

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM

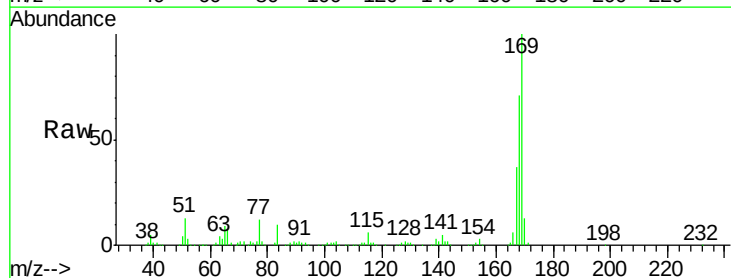


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGO
Ion 105.00 (104.70 to 105.70): E

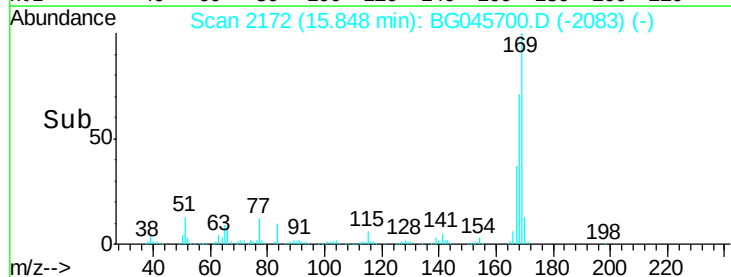
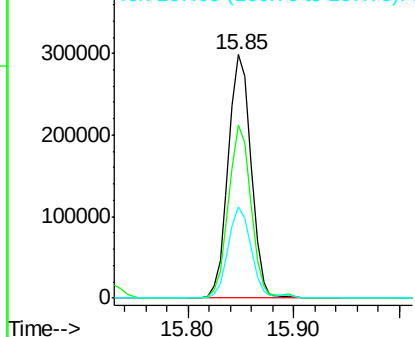


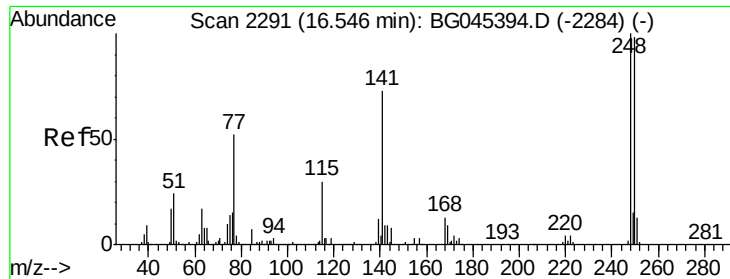
#66
n-Nitrosodiphenylamine
Concen: 41.058 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	446488		
168	71.4	57.8	86.6	
167	37.5	31.5	47.3	



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





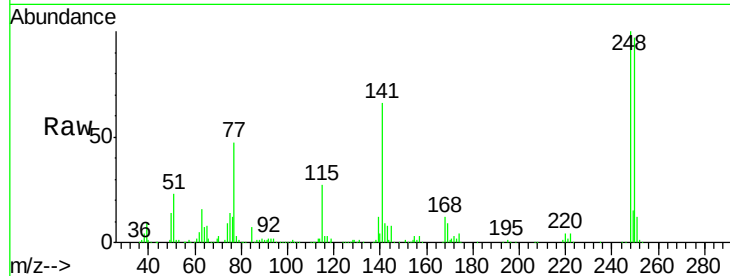
#67
4-Bromophenyl-phenylether
Concen: 39.707 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

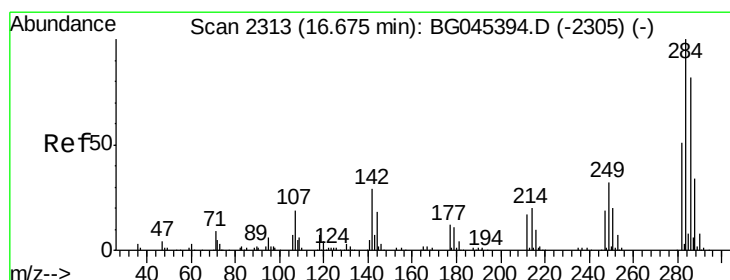
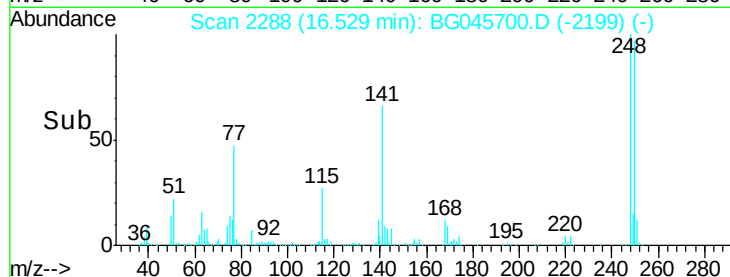
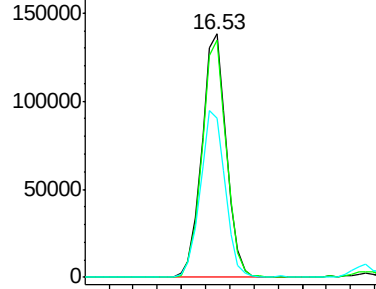
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.6	117.8
141	65.5	58.2	87.2

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM

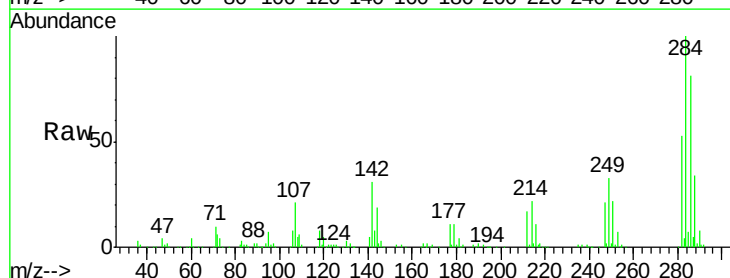


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

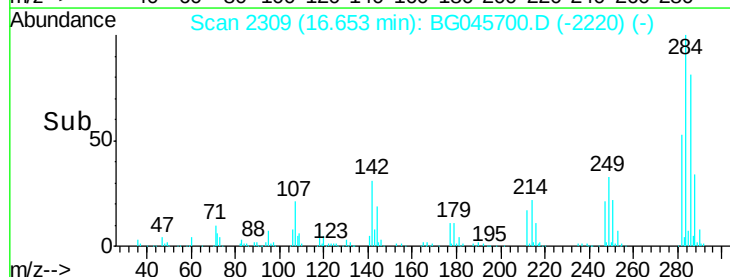
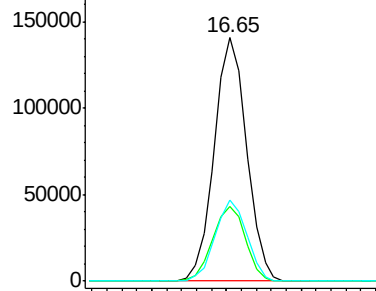


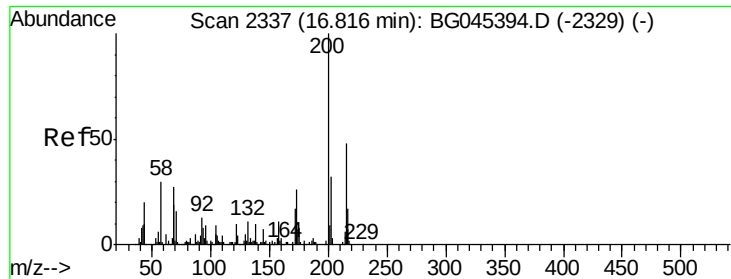
#68
Hexachlorobenzene
Concen: 41.097 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	23.0	34.6
249	33.1	25.8	38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





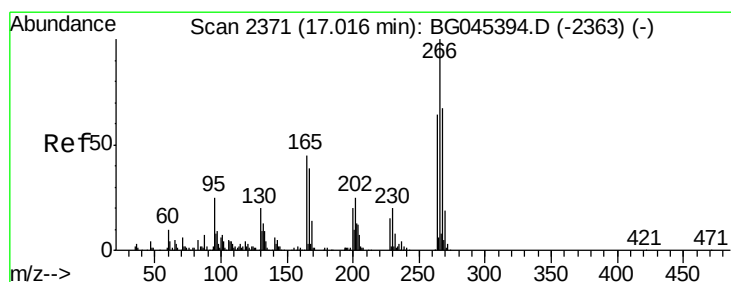
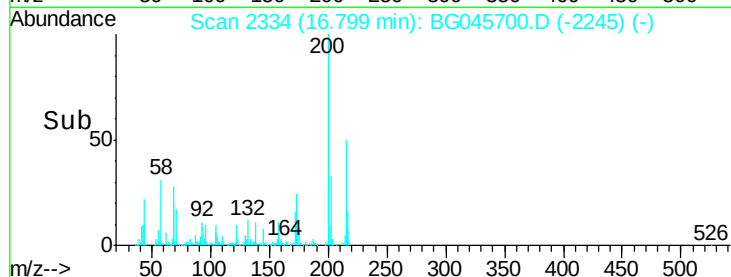
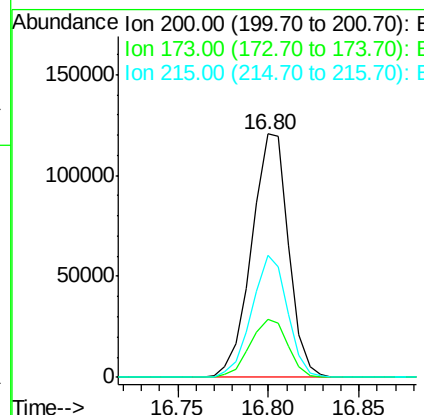
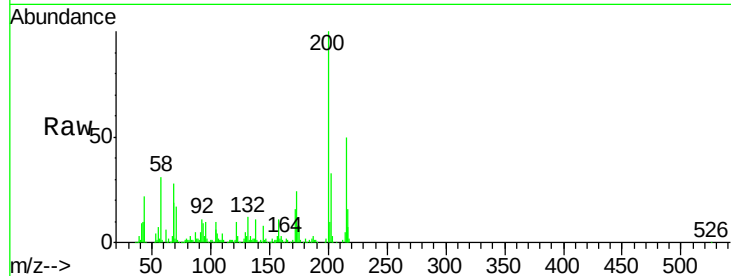
#69
Atrazine
Concen: 38.413 ng
RT: 16.80 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	5.5	45.5
215	49.9	28.2	68.2

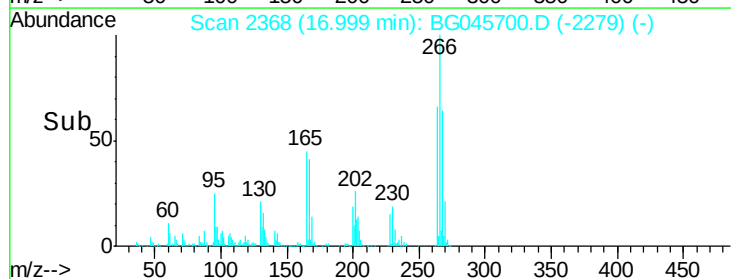
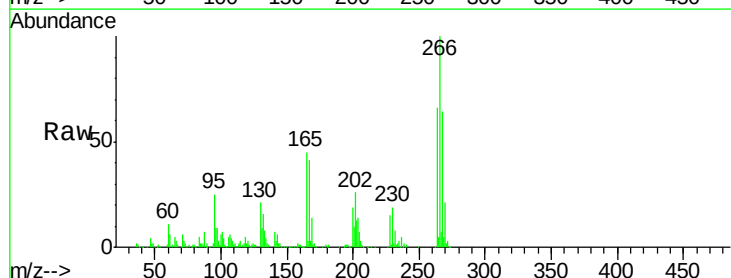
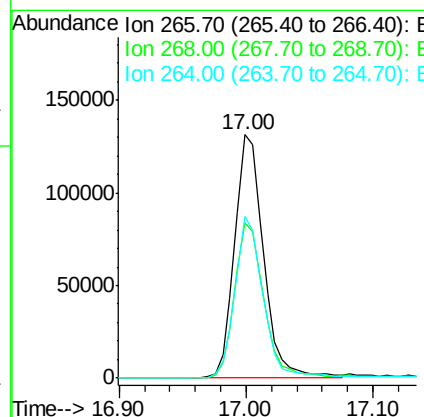
Manual Integrations
APPROVED

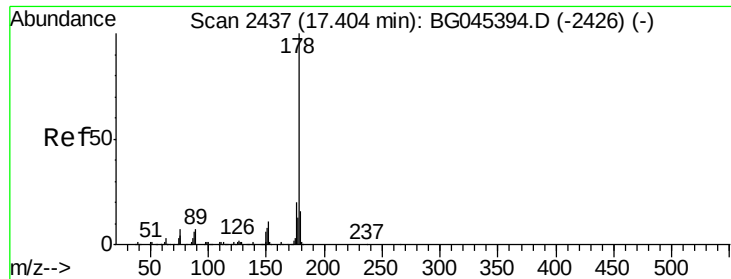
mohammad
6/11/2020 1:48:07 PM



#70
Pentachlorophenol
Concen: 77.798 ng
RT: 17.00 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	53.2	79.8
264	66.4	51.0	76.4





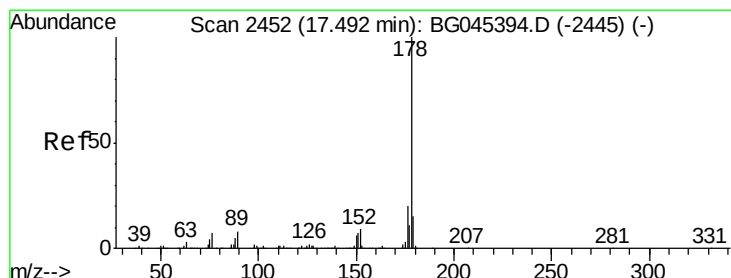
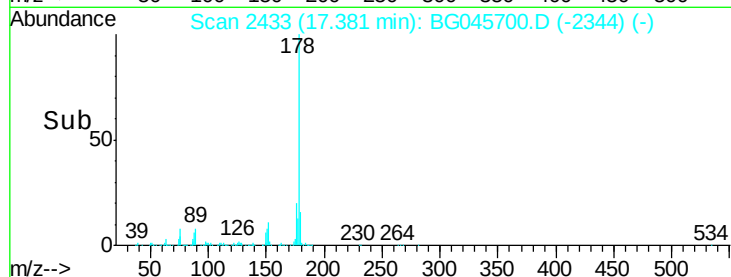
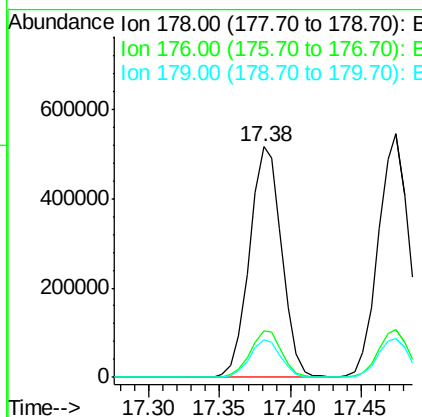
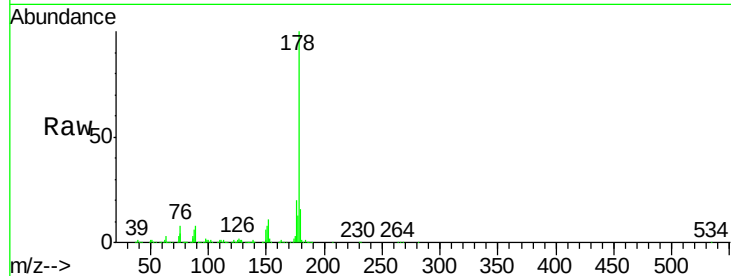
#71
Phenanthrene
Concen: 41.682 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.2	13.1	19.7

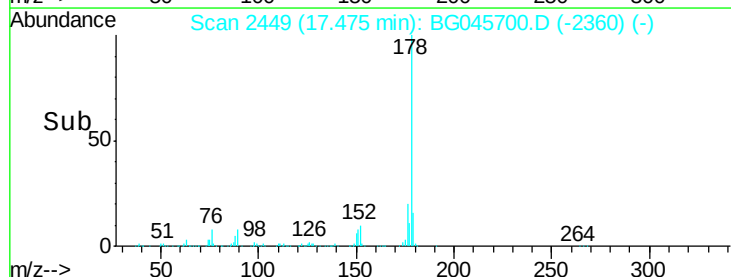
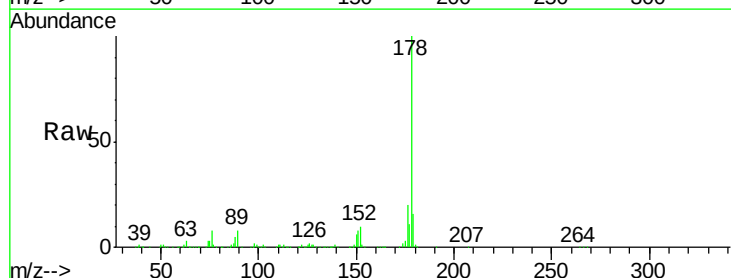
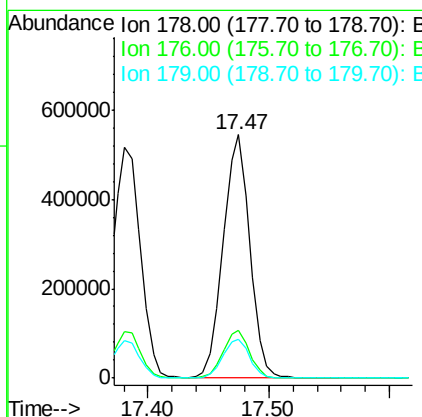
Manual Integrations
APPROVED

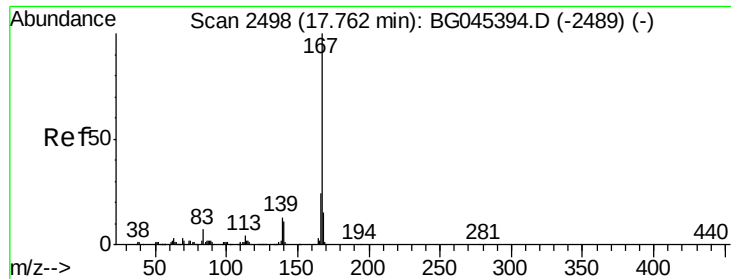
mohammad
6/11/2020 1:48:07 PM



#72
Anthracene
Concen: 41.639 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	16.1	12.2	18.4





#73

Carbazole

Concen: 39.083 ng

RT: 17.75 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Instrument :

BNA_G

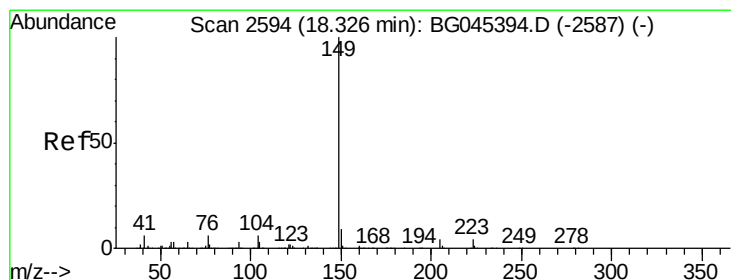
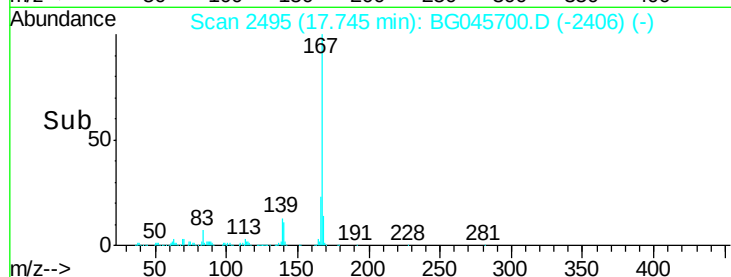
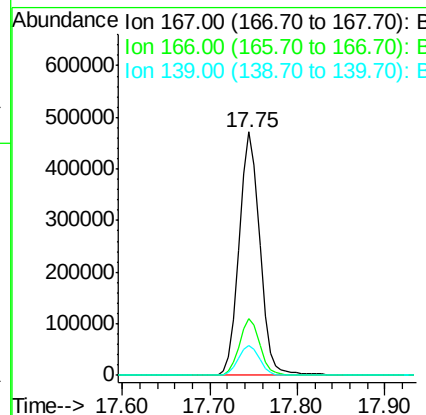
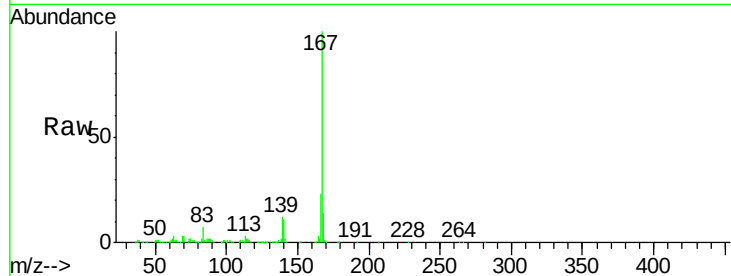
ClientSampleId :

72-11939MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		756438		
166	23.1		19.2	28.8	
139	12.5		10.6	16.0	

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



#74

Di-n-butylphthalate

Concen: 39.637 ng

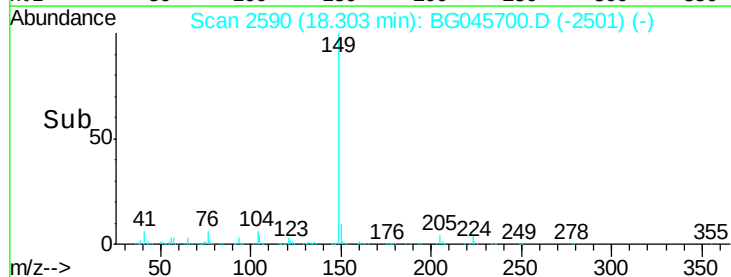
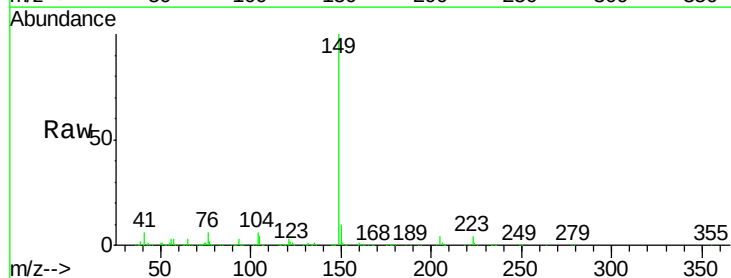
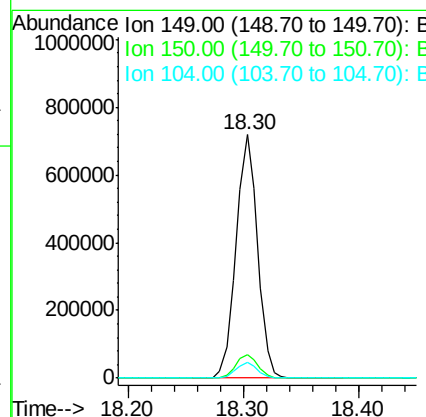
RT: 18.30 min Scan# 2590

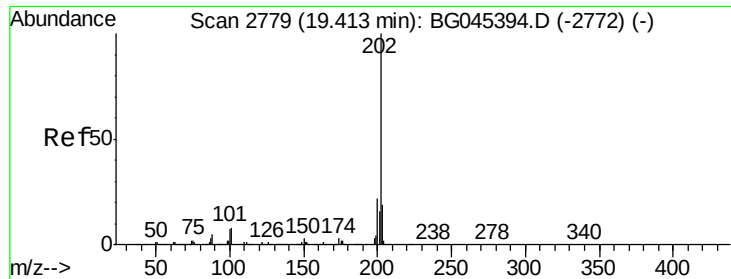
Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		920790		
150	9.8		7.6	11.4	
104	6.4		5.0	7.4	





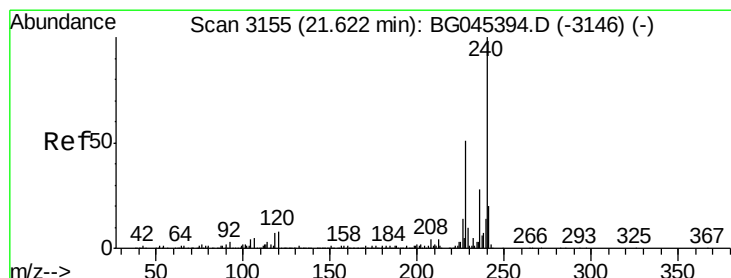
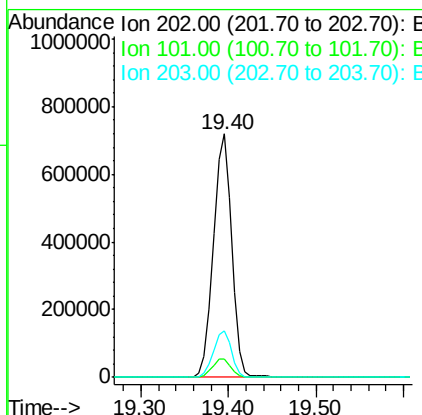
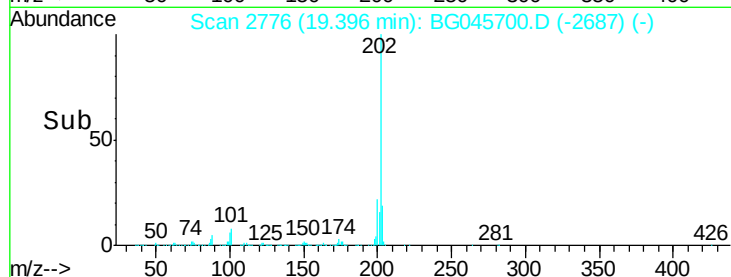
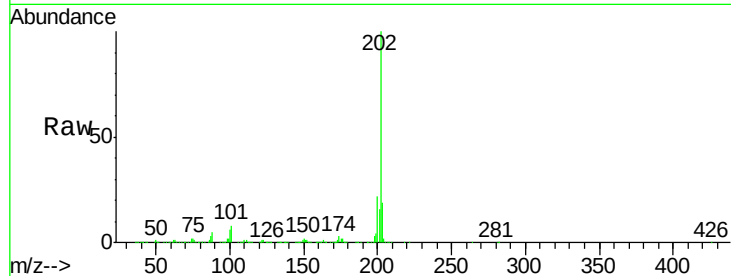
#75
 Fluoranthene
 Concen: 41.481 ng
 RT: 19.40 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: BG045700.D
 Acq: 10 Jun 2020 20:37

Instrument :
 BNA_G
 ClientSampleId :
 72-11939MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.3
203	19.2	0.0	39.0

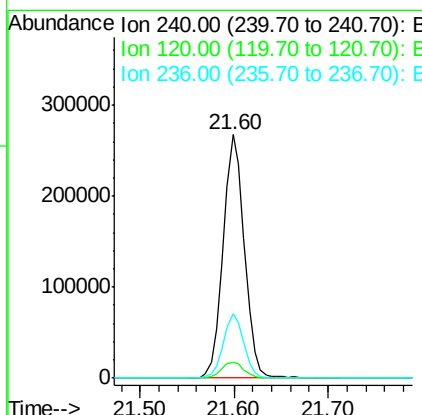
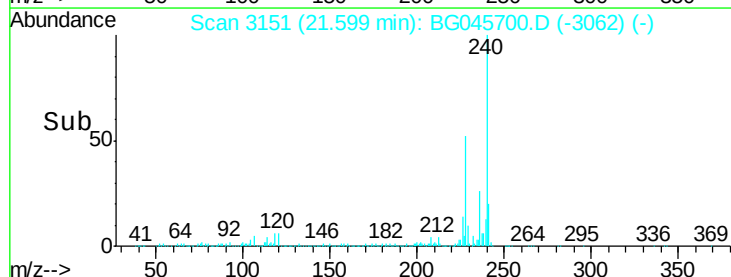
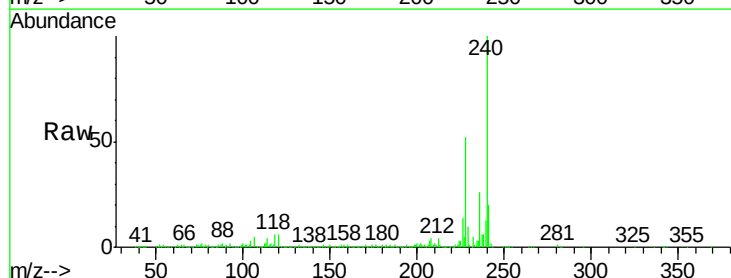
Manual Integrations
 APPROVED

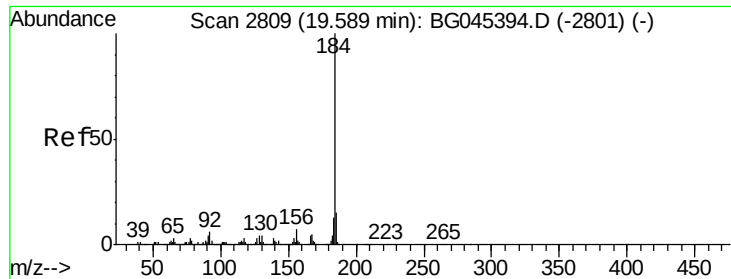
mohammad
 6/11/2020 1:48:07 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG045700.D
 Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.1	9.1
236	26.5	22.3	33.5





#77

Benzidine

Concen: 36.413 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Instrument :

BNA_G

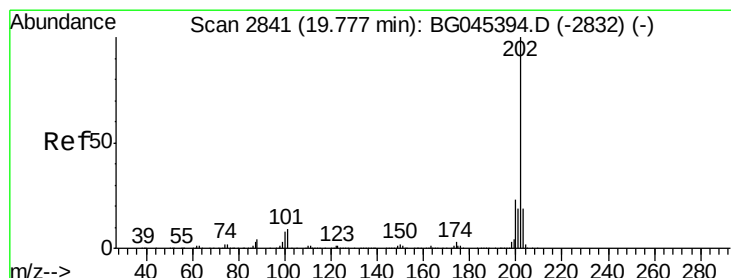
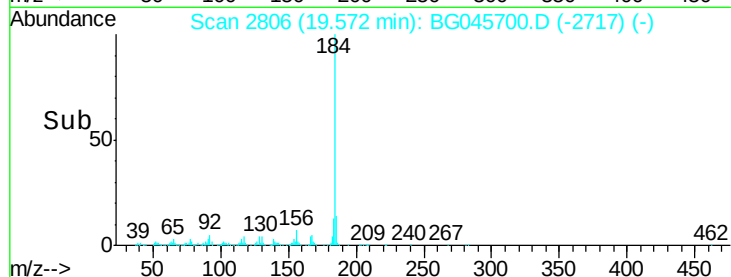
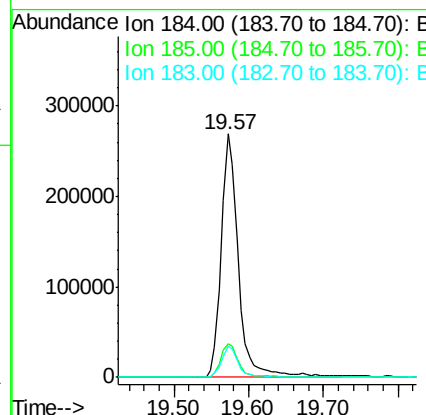
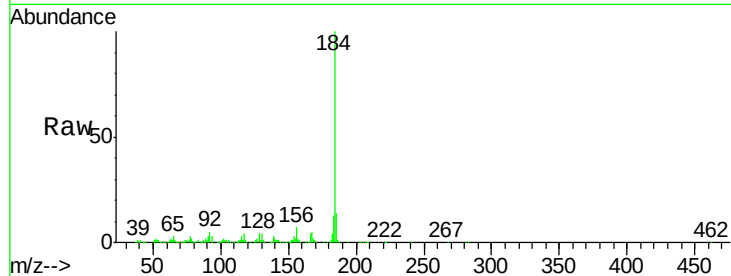
ClientSampleId :

72-11939MSD

Tot Ion:	184	Resp:	430415
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.7	17.5
183	12.9	10.2	15.4

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



#78

Pyrene

Concen: 42.286 ng

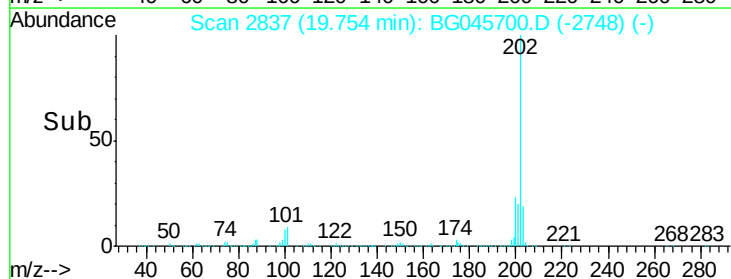
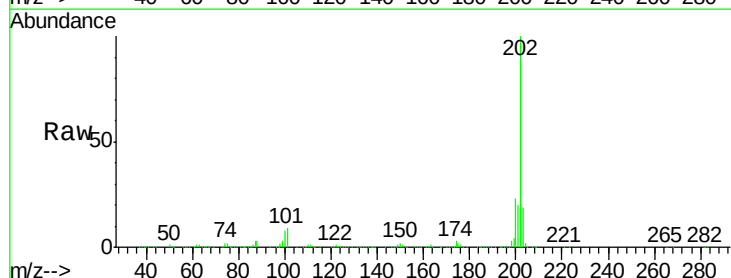
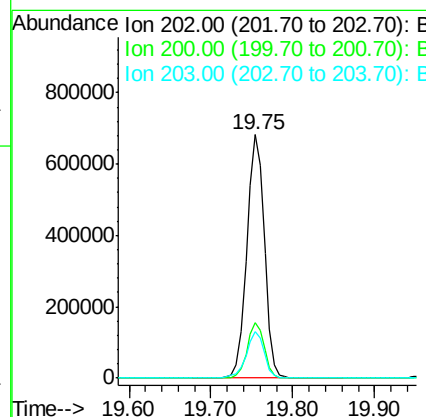
RT: 19.75 min Scan# 2837

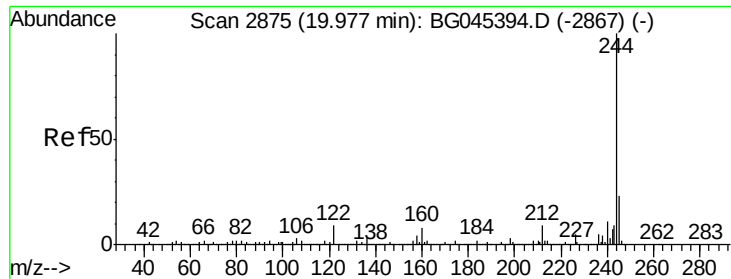
Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Tgt Ion:	202	Resp:	1014502
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.2	27.2
203	19.3	15.1	22.7





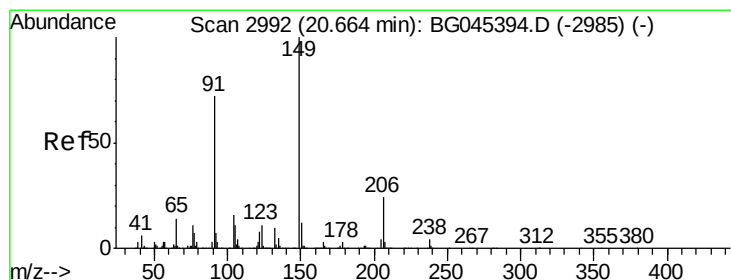
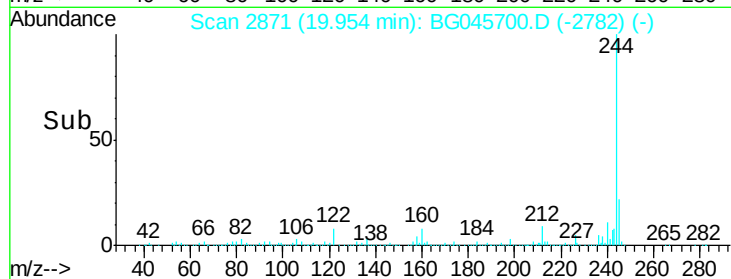
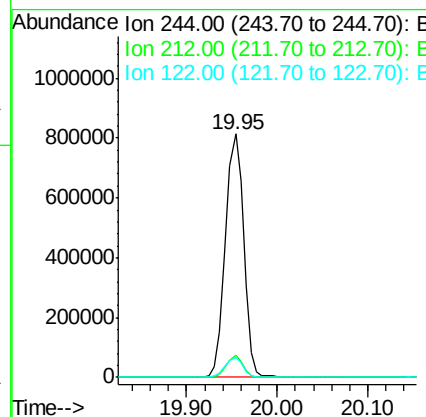
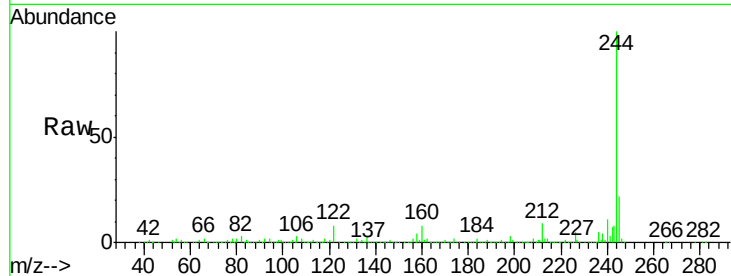
#79
 Terphenyl-d14
 Concen: 62.928 ng
 RT: 19.95 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BG045700.D
 Acq: 10 Jun 2020 20:37

Instrument :
 BNA_G
 ClientSampleId :
 72-11939MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.0
122	8.0	6.8	10.2

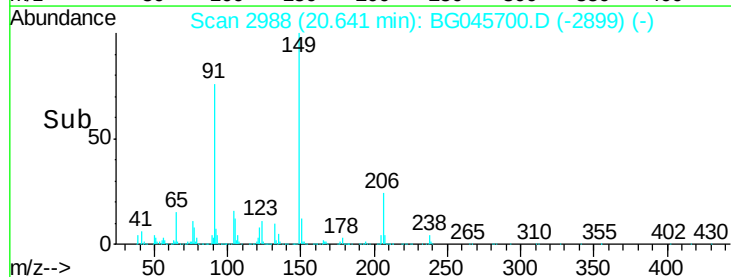
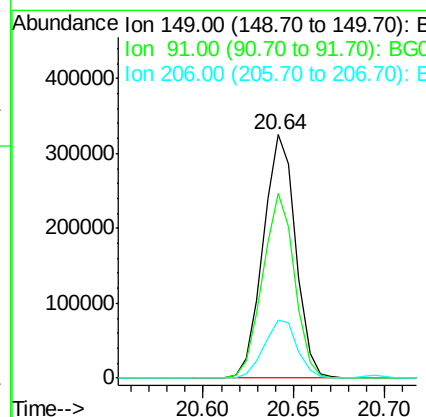
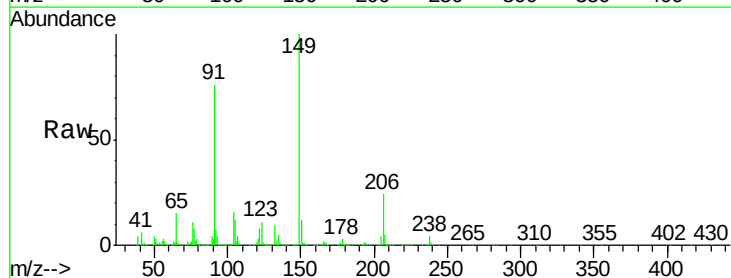
Manual Integrations
 APPROVED

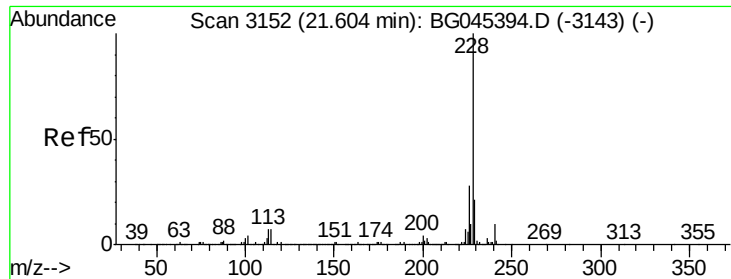
mohammad
 6/11/2020 1:48:07 PM



#80
 Butylbenzylphthalate
 Concen: 39.396 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: BG045700.D
 Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.0	57.8	86.6
206	23.7	19.1	28.7





#81

Benzo(a)anthracene

Concen: 40.595 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Instrument :

BNA_G

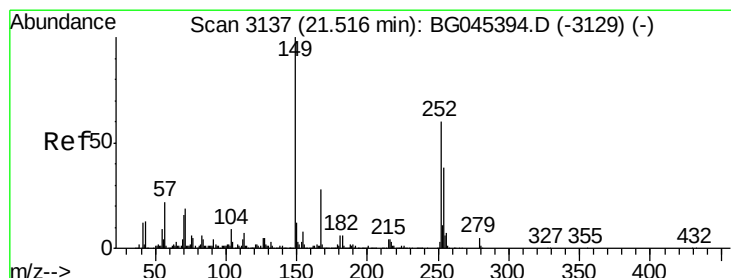
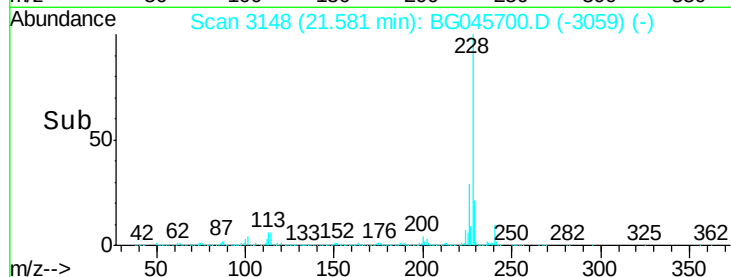
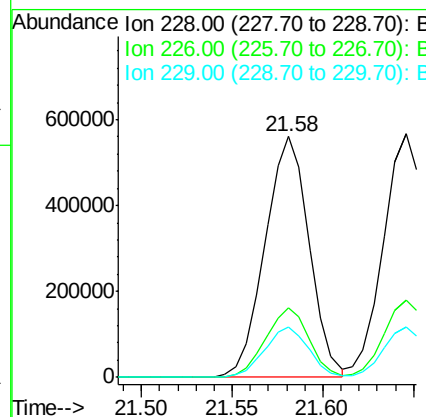
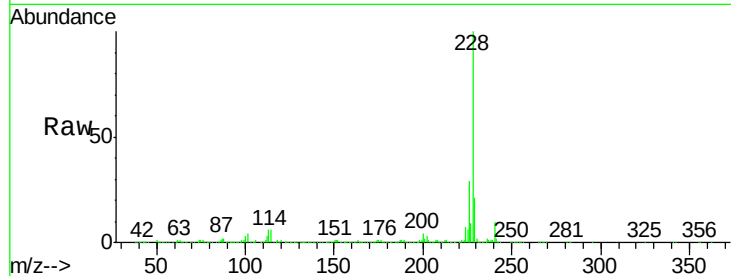
ClientSampleId :

72-11939MSD

Tot Ion:	228	Resp:	951768
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.7	34.1
229	21.0	16.7	25.1

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



#82

3,3'-Dichlorobenzidine

Concen: 20.617 ng

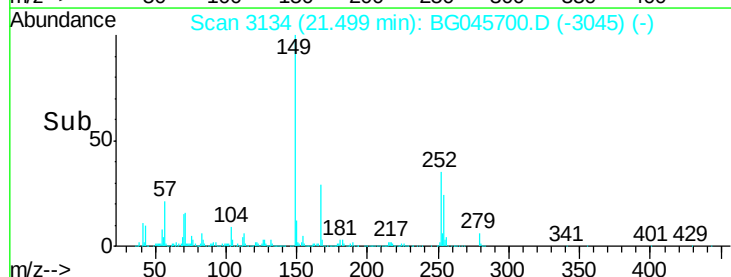
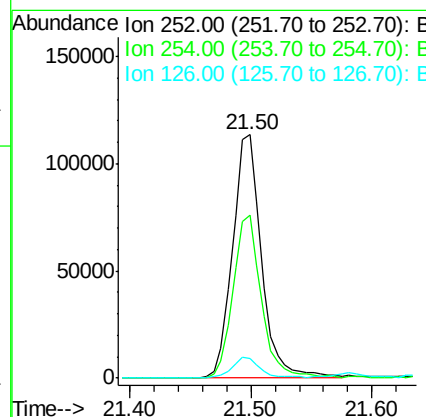
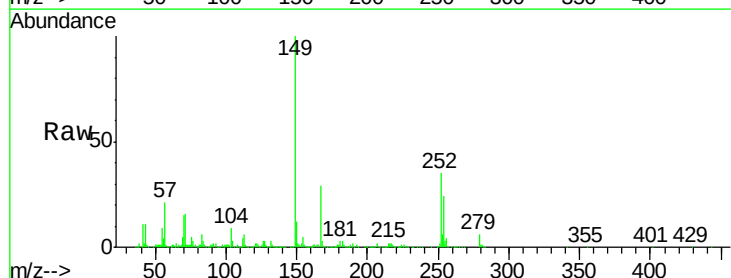
RT: 21.50 min Scan# 3134

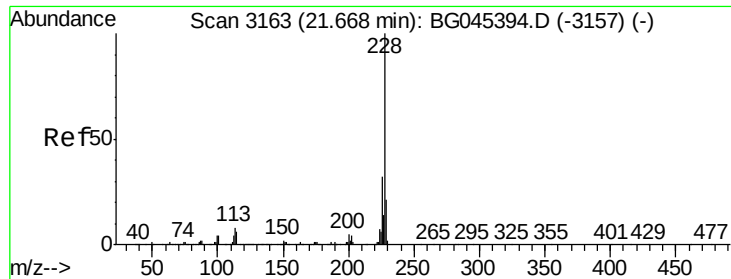
Delta R.T. -0.00 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Tgt Ion:	252	Resp:	189611
Ion Ratio	Lower	Upper	
252	100		
254	67.1	51.3	76.9
126	7.9	6.6	10.0





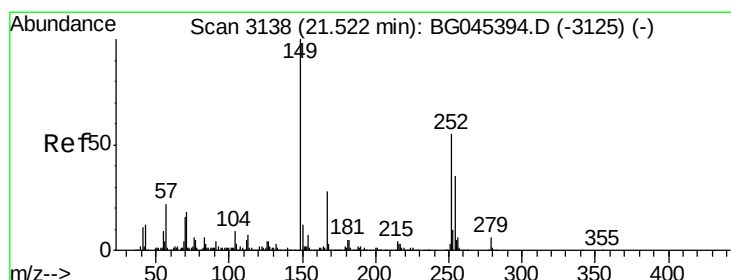
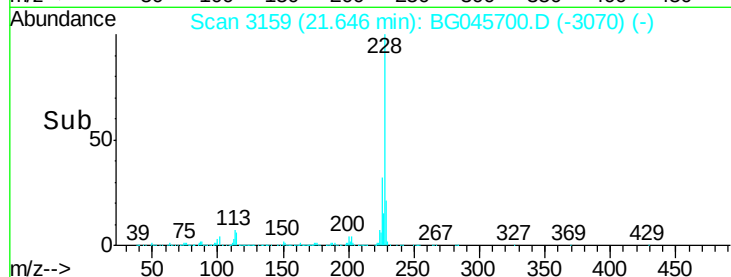
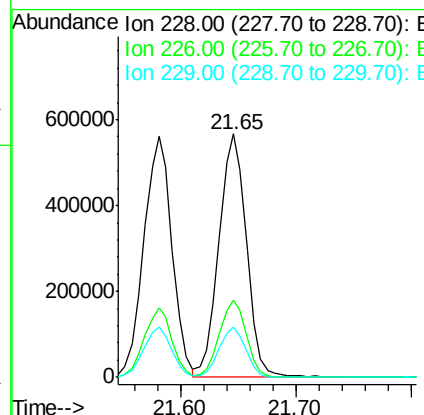
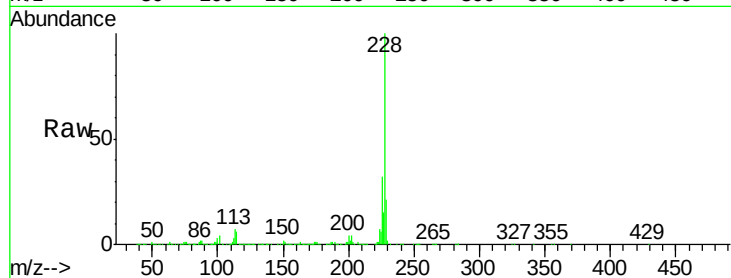
#83
Chrysene
Concen: 41.324 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.2	37.8
229	20.6	16.7	25.1

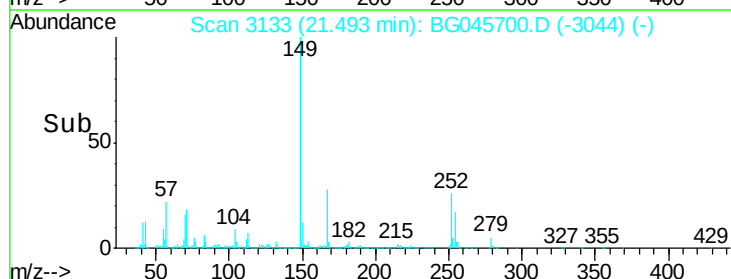
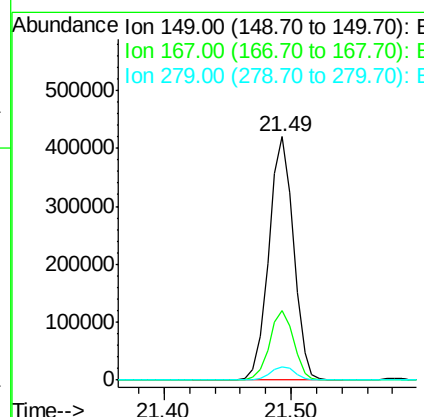
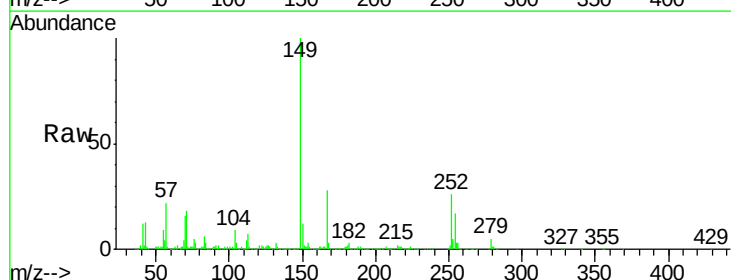
Manual Integrations
APPROVED

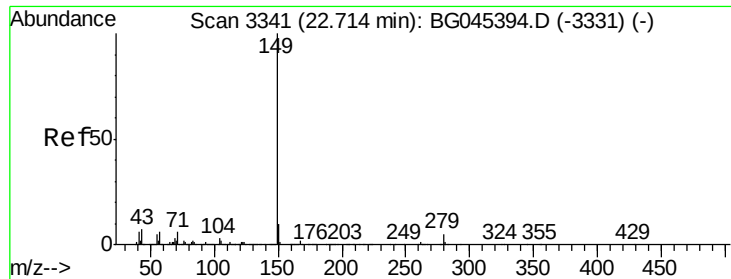
mohammad
6/11/2020 1:48:07 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.708 ng
RT: 21.49 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.2
279	5.3	4.7	7.1





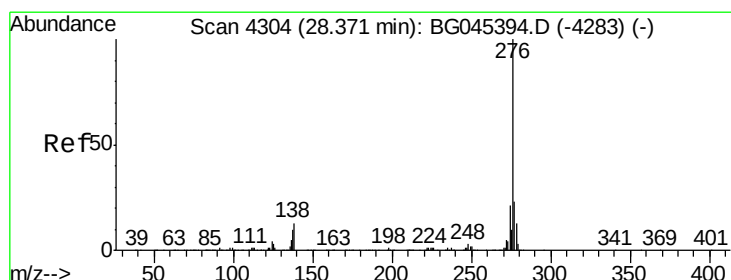
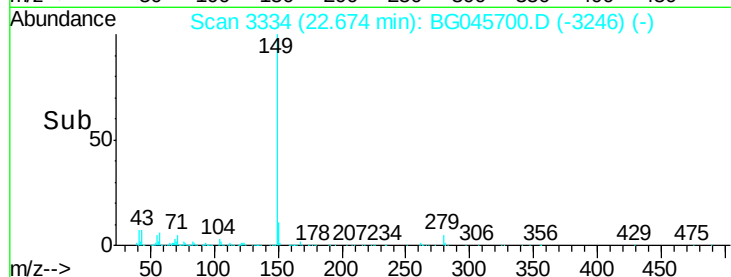
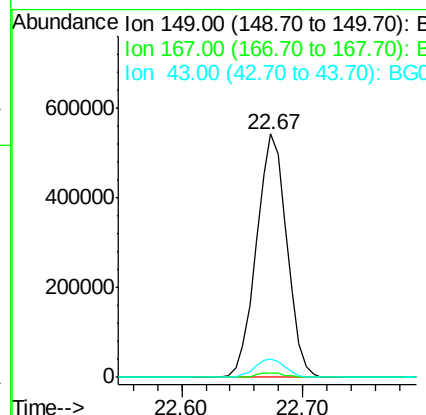
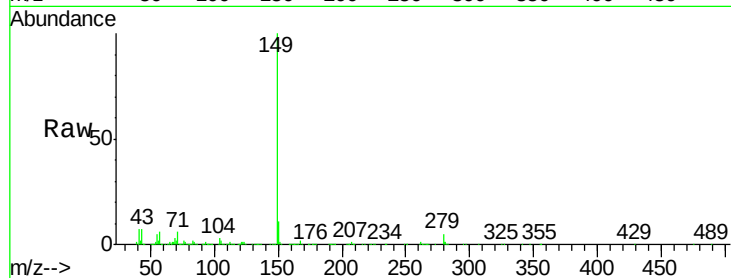
#85
Di-n-octyl phthalate
Concen: 39.061 ng
RT: 22.67 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.4	5.8	8.8

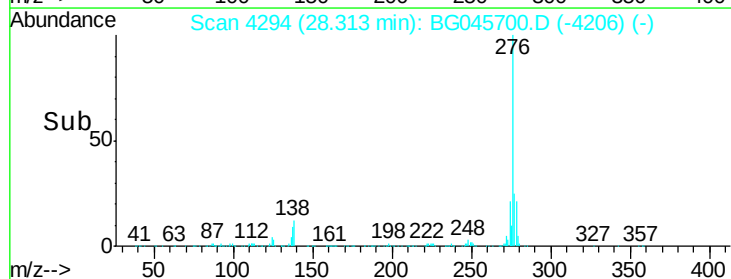
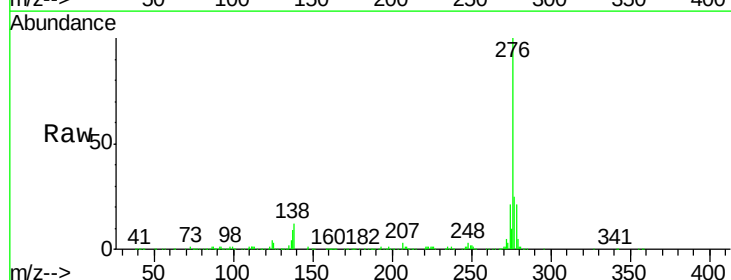
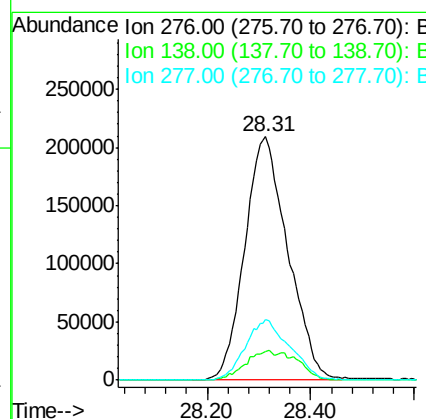
Manual Integrations
APPROVED

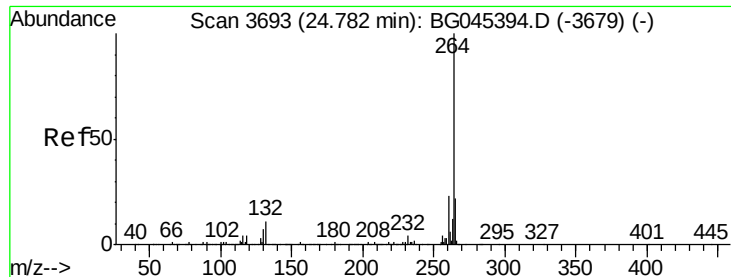
mohammad
6/11/2020 1:48:07 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.025 ng
RT: 28.31 min Scan# 4294
Delta R.T. -0.01 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.1	8.6	12.8#
277	25.5	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Instrument :

BNA_G

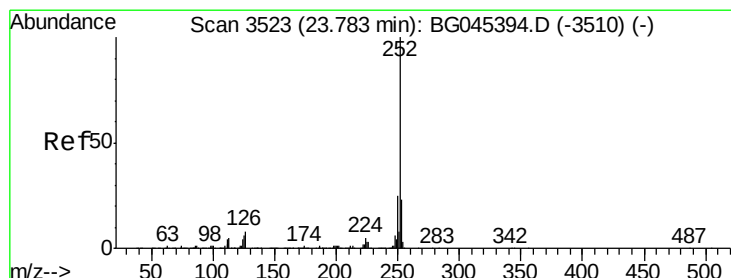
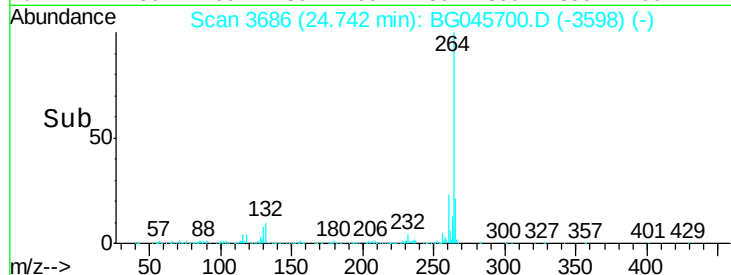
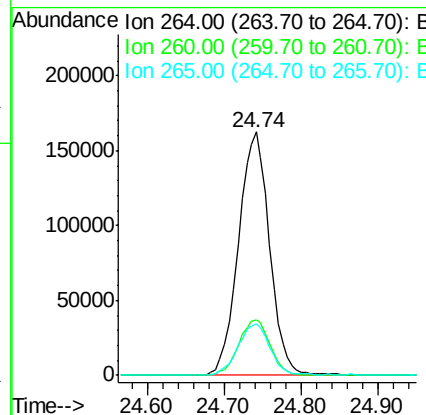
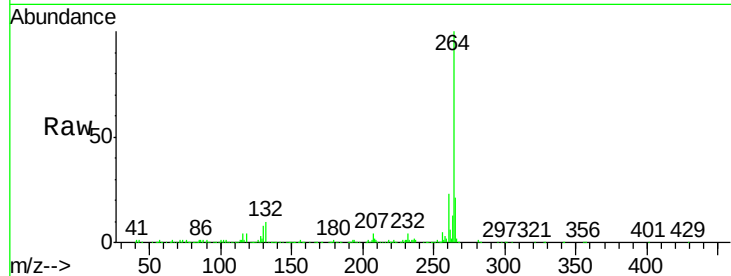
ClientSampleId :

72-11939MSD

Tot Ion:	264	Resp:	457420
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.2	27.4
265	21.2	17.6	26.4

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



#88

Benzo(b)fluoranthene

Concen: 42.159 ng

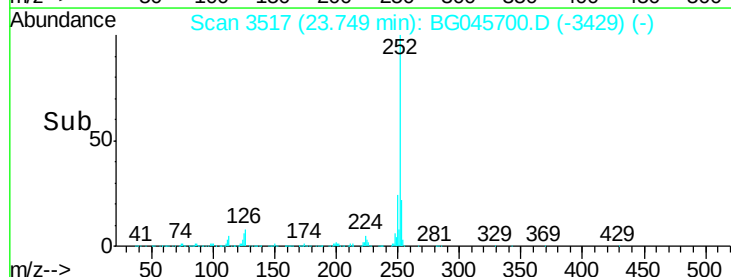
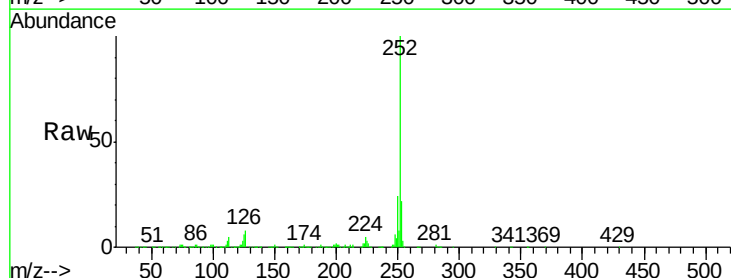
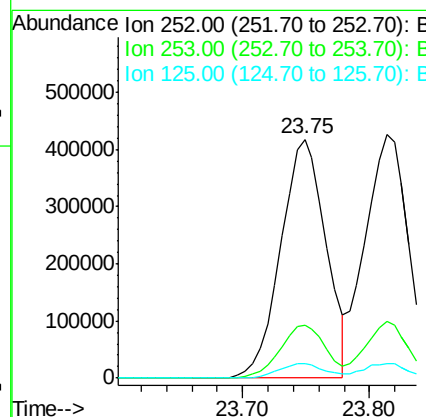
RT: 23.75 min Scan# 3517

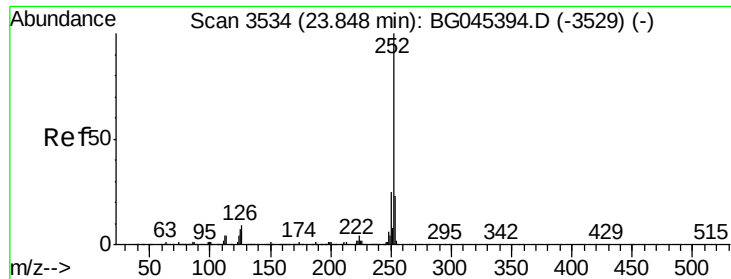
Delta R.T. -0.01 min

Lab File: BG045700.D

Acq: 10 Jun 2020 20:37

Tgt Ion:	252	Resp:	1034234
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.1	27.1
125	6.3	5.0	7.6





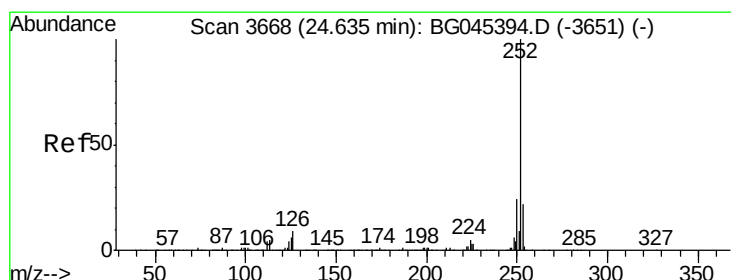
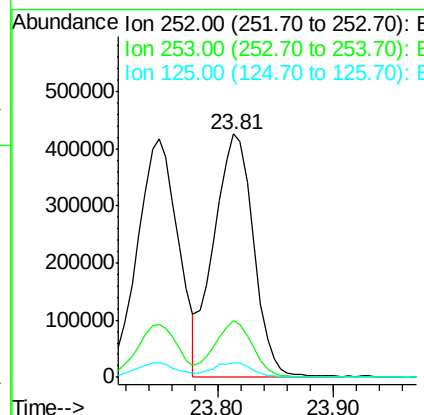
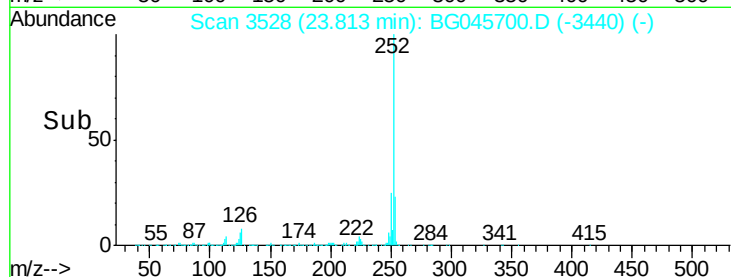
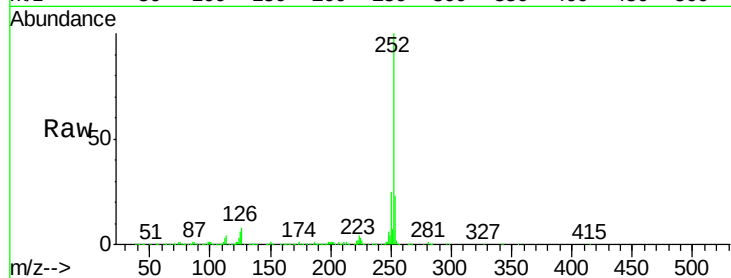
#89
Benzo(k)fluoranthene
Concen: 43.765 ng
RT: 23.81 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	6.2	5.7	8.5

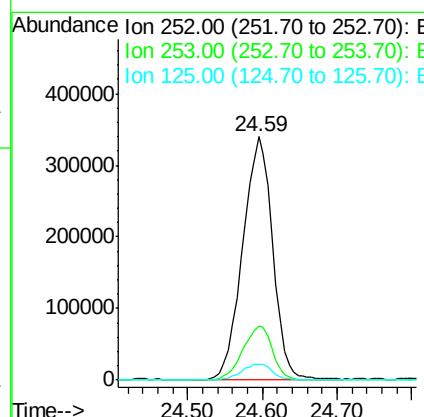
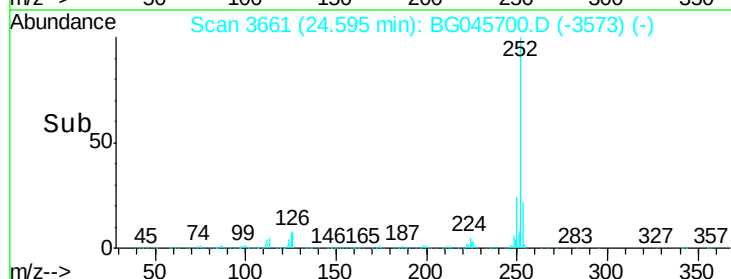
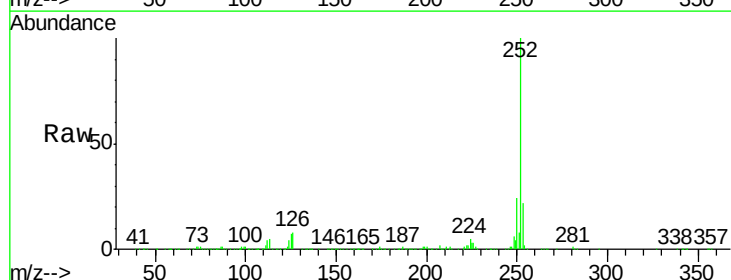
Manual Integrations
APPROVED

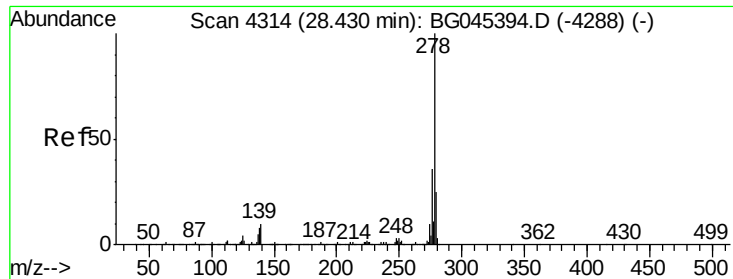
mohammad
6/11/2020 1:48:07 PM



#90
Benzo(a)pyrene
Concen: 41.455 ng
RT: 24.59 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	6.7	5.0	7.6





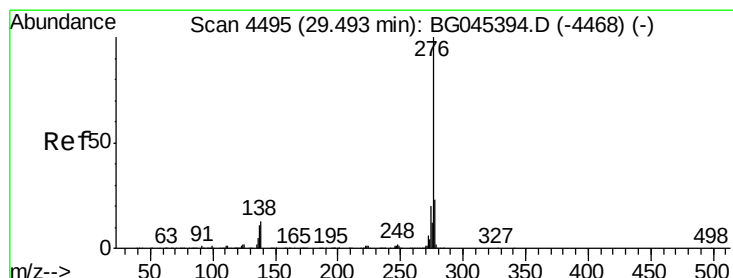
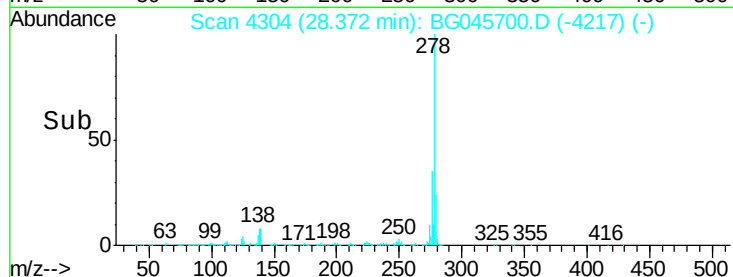
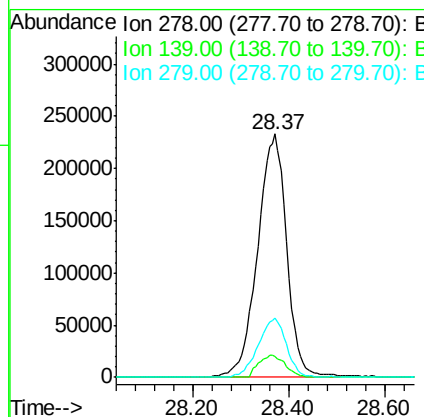
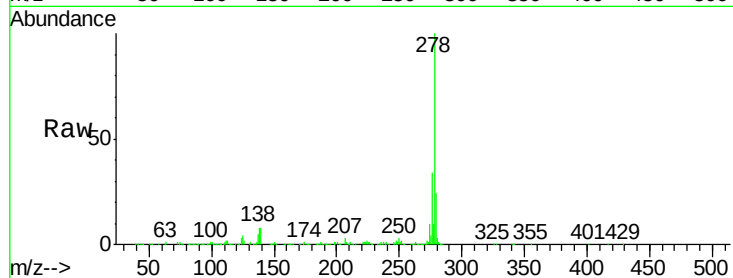
#91
Dibenzo(a,h)anthracene
Concen: 42.707 ng
RT: 28.37 min Scan# 4304
Delta R.T. -0.02 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tot Ion:	278	Resp:	980523
Ion Ratio	Lower	Upper	
278	100		
139	8.4	7.8	11.8
279	24.2	19.8	29.8

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:07 PM



#92
Benzo(g,h,i)perylene
Concen: 42.655 ng
RT: 29.42 min Scan# 4483
Delta R.T. -0.02 min
Lab File: BG045700.D
Acq: 10 Jun 2020 20:37

Tgt Ion:	276	Resp:	979448
Ion Ratio	Lower	Upper	
276	100		
277	22.3	18.1	27.1
138	11.9	10.2	15.4

