

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
 Data File : BG045522.D
 Acq On : 29 May 2020 13:58
 Operator : CG/JU
 Sample : PB129160BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

Manual Integrations
 APPROVED

mohammad
 6/1/2020 12:22:43 PM

Quant Time: May 29 14:52:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	68251	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	269387	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	189617	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	454123	20.00	ng	0.00
76) Chrysene-d12	21.61	240	424031	20.00	ng	0.00
87) Perylene-d12	24.75	264	465712	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	488256	139.81	ng	0.00
7) Phenol-d6	7.16	99	679739	136.75	ng	0.00
23) Nitrobenzene-d5	9.12	82	428148	86.67	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	315049	129.92	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	973987	87.13	ng	0.00
79) Terphenyl-d14	19.96	244	1638028	90.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	60251	34.79	ng	95
3) Pyridine	3.80	79	144723	30.01	ng	92
4) n-Nitrosodimethylamine	3.72	42	66320	42.02	ng	94
6) Aniline	7.28	93	208298	32.10	ng	96
8) 2-Chlorophenol	7.53	128	184293	48.12	ng	98
9) Benzaldehyde	7.09	77	116892	36.09	ng	97
10) Phenol	7.19	94	240673	46.98	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	166861	41.76	ng	98
12) 1,3-Dichlorobenzene	7.85	146	195205	42.41	ng	98
13) 1,4-Dichlorobenzene	7.99	146	196827	43.34	ng	98
14) 1,2-Dichlorobenzene	8.31	146	185446	42.45	ng	99
15) Benzyl Alcohol	8.20	79	180449	43.95	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	155634	41.03	ng	96
17) 2-Methylphenol	8.43	107	166867	43.52	ng	96
18) Hexachloroethane	9.04	117	75549	43.43	ng	94
19) n-Nitroso-di-n-propylamine	8.76	70	149609	43.53	ng	99
20) 3+4-Methylphenols	8.76	107	222536	42.62	ng	# 88
22) Acetophenone	8.77	105	270827	42.42	ng	# 95
24) Nitrobenzene	9.16	77	228619	43.20	ng	97
25) Isophorone	9.68	82	407874	41.92	ng	97
26) 2-Nitrophenol	9.87	139	103139	45.55	ng	94
27) 2,4-Dimethylphenol	9.96	122	175396	52.23	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	227878	44.66	ng	97
29) 2,4-Dichlorophenol	10.43	162	184235	46.46	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	205484	43.85	ng	97
31) Naphthalene	10.81	128	551551	43.94	ng	99
32) Benzoic acid	10.13	122	107486	47.26	ng	89
33) 4-Chloroaniline	10.93	127	93122	17.75	ng	95
34) Hexachlorobutadiene	11.11	225	139609	42.15	ng	97
35) Caprolactam	11.69	113	64848m	44.55	ng	
36) 4-Chloro-3-methylphenol	12.08	107	208391	46.64	ng	98
37) 2-Methylnaphthalene	12.42	142	416904	44.56	ng	99
38) 1-Methylnaphthalene	12.64	142	394133	44.59	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	236182	44.59	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
 Data File : BG045522.D
 Acq On : 29 May 2020 13:58
 Operator : CG/JU
 Sample : PB129160BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

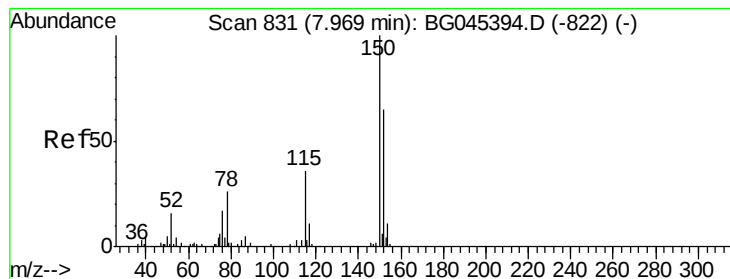
Manual Integrations
 APPROVED

mohammad
 6/1/2020 12:22:43 PM

Quant Time: May 29 14:52:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	283658	92.79	ng	98
43) 2,4,6-Trichlorophenol	13.05	196	162504	44.17	ng	95
44) 2,4,5-Trichlorophenol	13.13	196	170917	40.65	ng	93
46) 1,1'-Biphenyl	13.43	154	534450	45.87	ng	100
47) 2-Chloronaphthalene	13.47	162	409851	43.32	ng	98
48) 2-Nitroaniline	13.68	65	129633	41.65	ng	87
49) Acenaphthylene	14.32	152	687502	45.24	ng	99
50) Dimethylphthalate	14.06	163	555326	42.69	ng	97
51) 2,6-Dinitrotoluene	14.17	165	126505	43.10	ng	96
52) Acenaphthene	14.67	154	507988m	49.94	ng	
53) 3-Nitroaniline	14.51	138	71697	24.03	ng	97
54) 2,4-Dinitrophenol	14.71	184	160694	83.33	ng	94
55) Dibenzofuran	15.00	168	655862	43.42	ng	98
56) 4-Nitrophenol	14.87	139	197100	87.25	ng	96
57) 2,4-Dinitrotoluene	14.97	165	184191	43.33	ng	97
58) Fluorene	15.65	166	554301	44.66	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	168464	45.55	ng	97
60) Diethylphthalate	15.42	149	579943	42.84	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	302064	42.53	ng	98
62) 4-Nitroaniline	15.68	138	128760	41.34	ng	95
63) Azobenzene	15.94	77	551175	43.66	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	123698	46.77	ng	97
66) n-Nitrosodiphenylamine	15.86	169	493737	45.28	ng	95
67) 4-Bromophenyl-phenylether	16.53	248	214399	43.60	ng	96
68) Hexachlorobenzene	16.66	284	232062	45.12	ng	100
69) Atrazine	16.81	200	188578	41.99	ng	97
70) Pentachlorophenol	17.01	266	248522	93.06	ng	97
71) Phenanthrene	17.39	178	891094	44.95	ng	100
72) Anthracene	17.48	178	925718	46.50	ng	98
73) Carbazole	17.76	167	844883	43.54	ng	99
74) Di-n-butylphthalate	18.31	149	991653	42.57	ng	99
75) Fluoranthene	19.40	202	1111687	44.09	ng	100
77) Benzidine	19.58	184	525932	44.16	ng	99
78) Pyrene	19.76	202	1102401	45.61	ng	99
80) Butylbenzylphthalate	20.65	149	451195	43.25	ng	98
81) Benzo(a)anthracene	21.59	228	1059244	44.84	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	256379	27.67	ng	100
83) Chrysene	21.65	228	1011790	44.55	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	630770	43.98	ng	99
85) Di-n-octyl phthalate	22.69	149	1064840	43.23	ng	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1322455	44.53	ng	# 96
88) Benzo(b)fluoranthene	23.76	252	1137434	45.54	ng	100
89) Benzo(k)fluoranthene	23.83	252	1086923	46.32	ng	99
90) Benzo(a)pyrene	24.61	252	1042076	44.80	ng	98
91) Dibenzo(a,h)anthracene	28.39	278	1068353	45.70	ng	97
92) Benzo(g,h,i)perylene	29.45	276	1084860	46.40	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

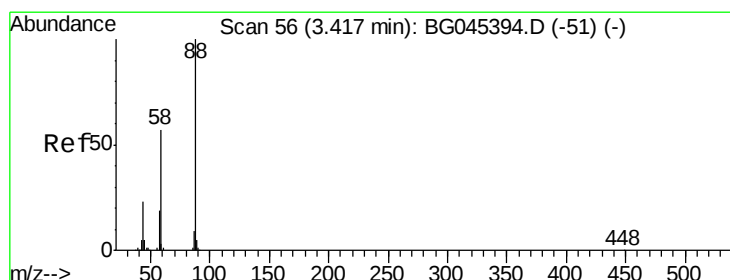
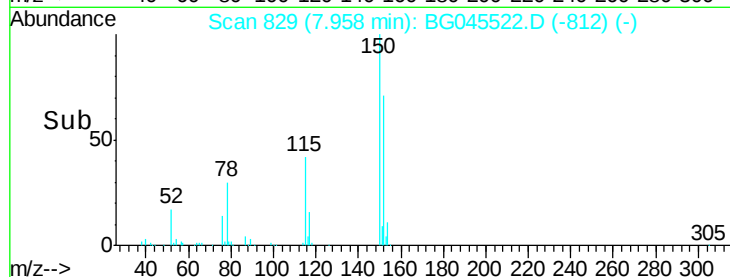
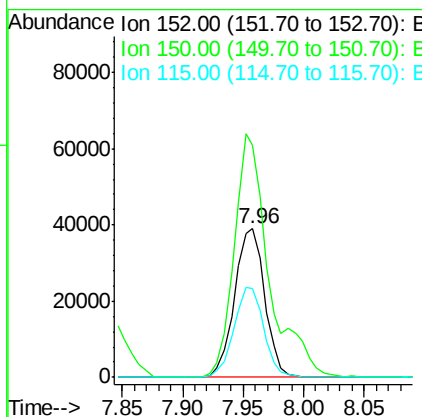
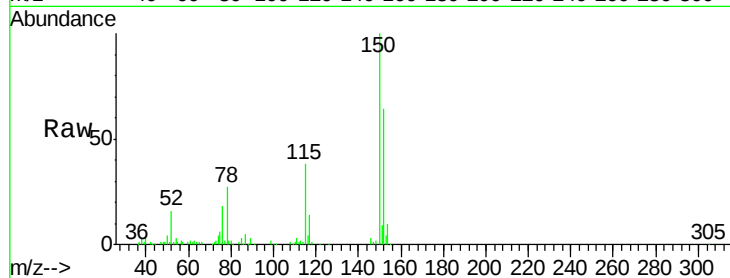
ClientSampleId :

PB129160BS

Tgt Ion:	152	Resp:	68251
Ion Ratio	Lower	Upper	
152	100		
150	156.2	122.4	183.6
115	59.4	44.2	66.4

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#2

1,4-Dioxane

Concen: 34.79 ng

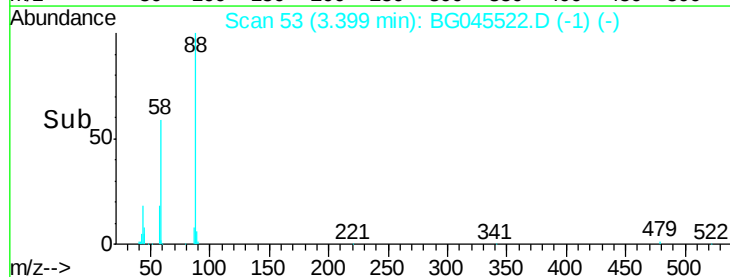
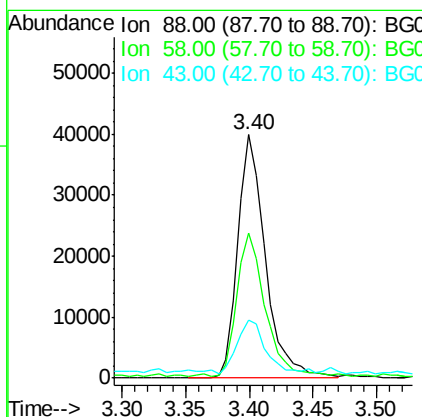
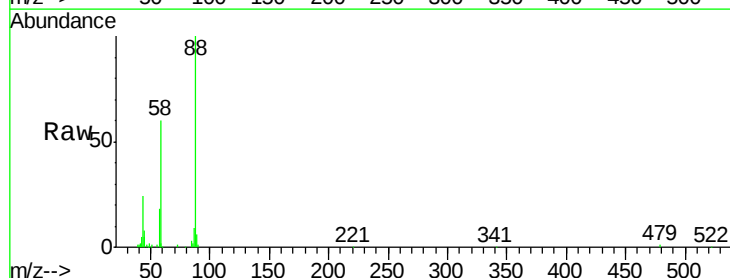
RT: 3.40 min Scan# 53

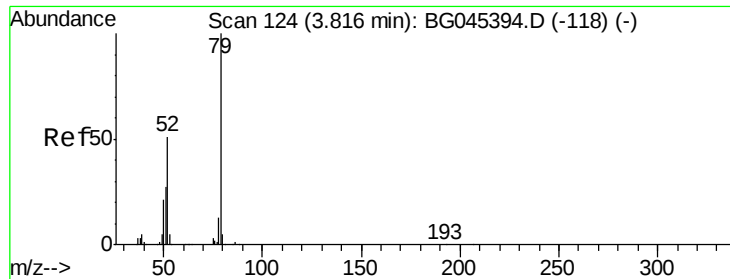
Delta R.T. -0.01 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion:	88	Resp:	60251
Ion Ratio	Lower	Upper	
88	100		
58	60.9	45.7	68.5
43	23.1	16.8	25.2





#3

Pyridine

Concen: 30.01 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

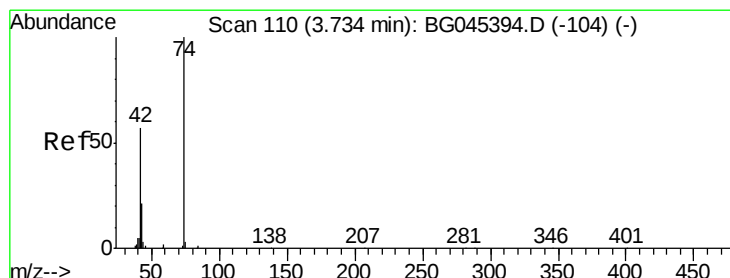
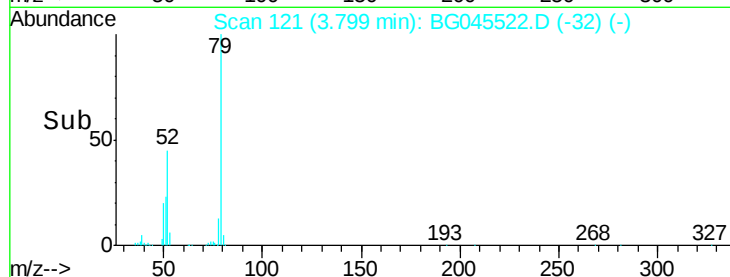
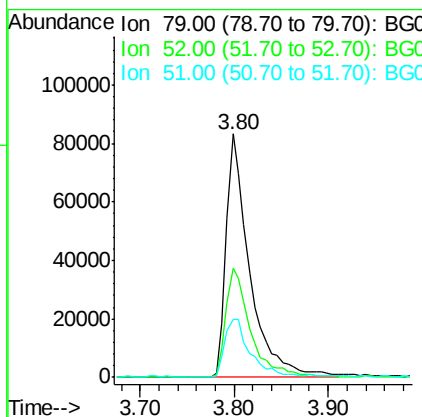
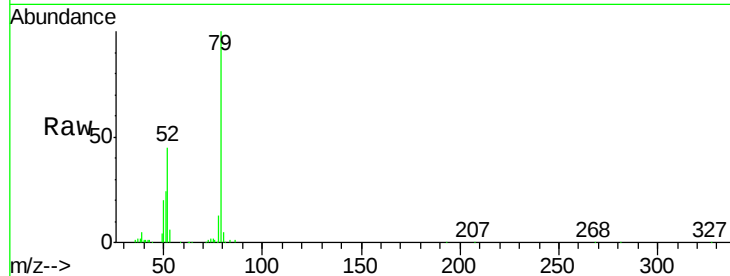
ClientSampleId :

PB129160BS

Tgt Ion:	79	Resp:	144723
Ion	Ratio	Lower	Upper
79	100		
52	44.9	40.8	61.2
51	23.7	21.9	32.9

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#4

n-Nitrosodimethylamine

Concen: 42.02 ng

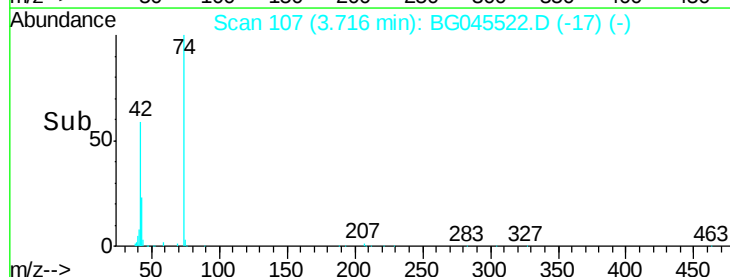
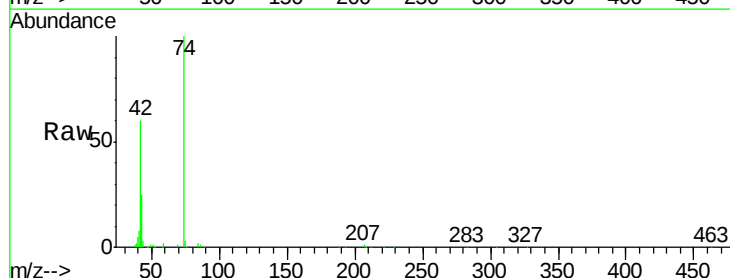
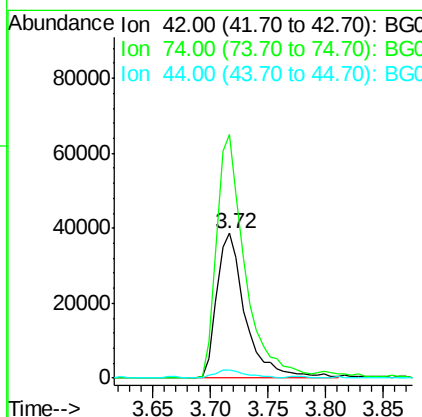
RT: 3.72 min Scan# 107

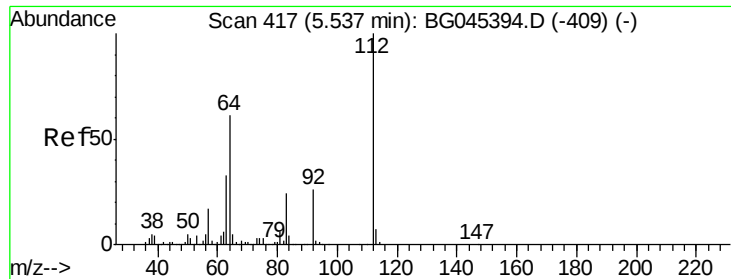
Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion:	42	Resp:	66320
Ion	Ratio	Lower	Upper
42	100		
74	168.0	141.3	211.9
44	5.5	4.2	6.4





#5

2-Fluorophenol

Concen: 139.81 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

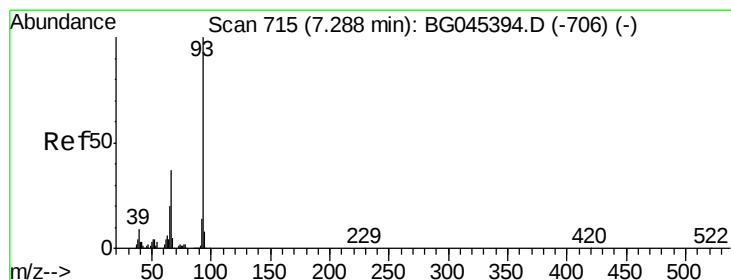
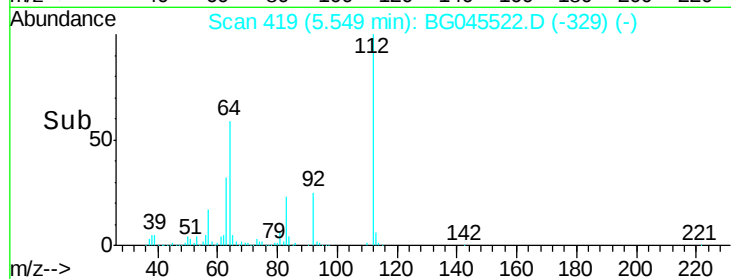
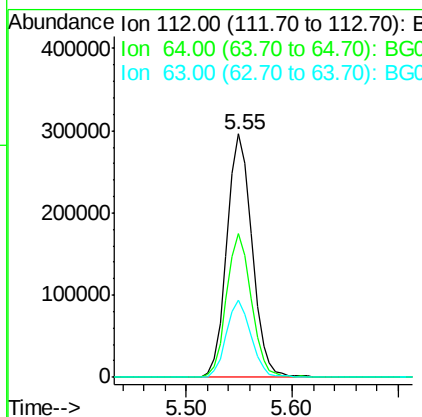
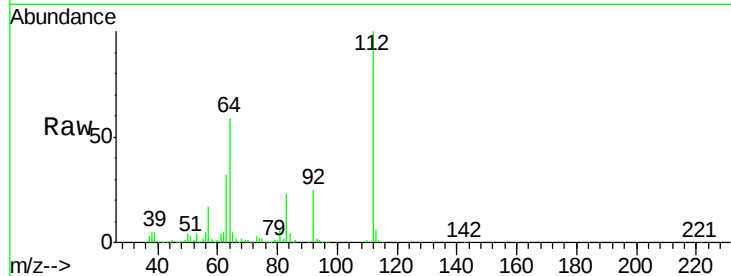
ClientSampleId :

PB129160BS

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		488256		
64	59.1		48.6		72.8
63	31.9		26.5		39.7

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#6

Aniline

Concen: 32.10 ng

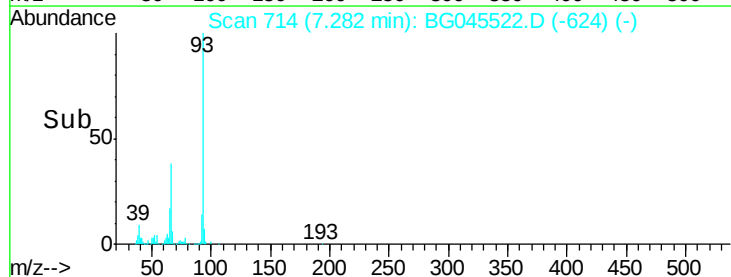
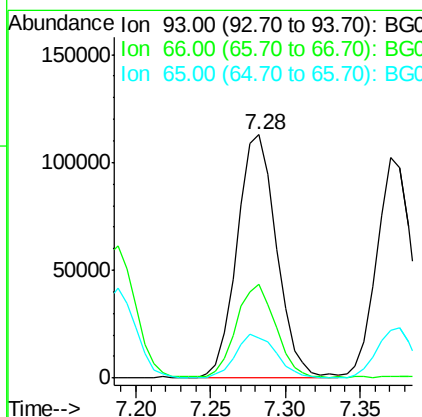
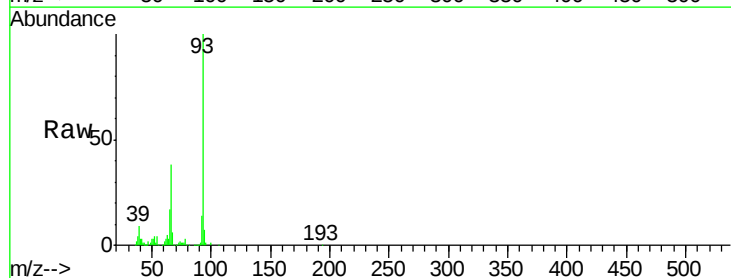
RT: 7.28 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt	Ion	Ratio	Resp	Lower	Upper
93	100		208298		
66	38.4		29.6		44.4
65	16.7		15.9		23.9





#7

Phenol-d6

Concen: 136.75 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

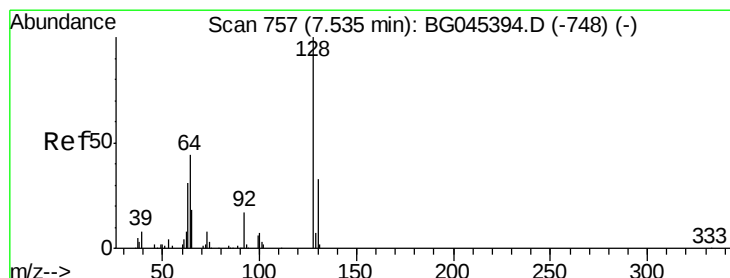
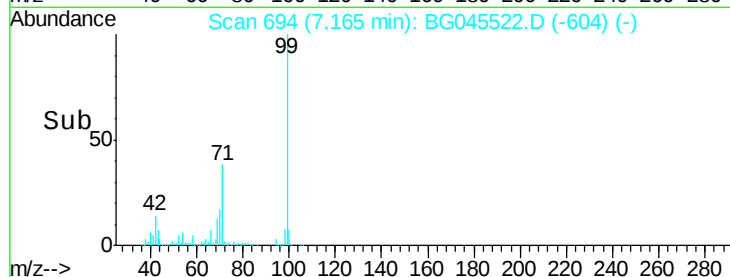
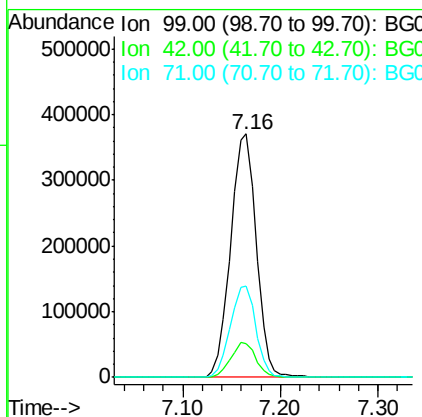
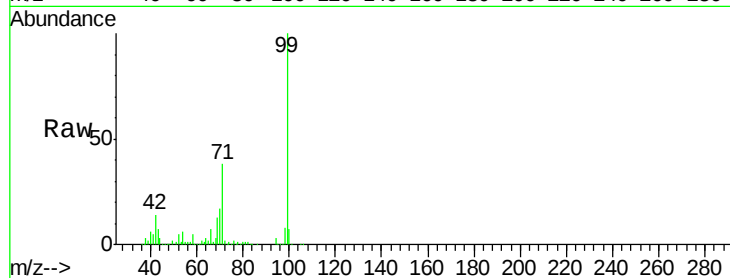
ClientSampleId :

PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	679739		
42	13.8	11.3	16.9	
71	37.6	30.8	46.2	

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#8

2-Chlorophenol

Concen: 48.12 ng

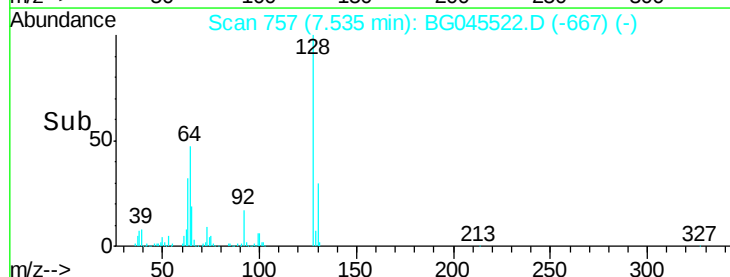
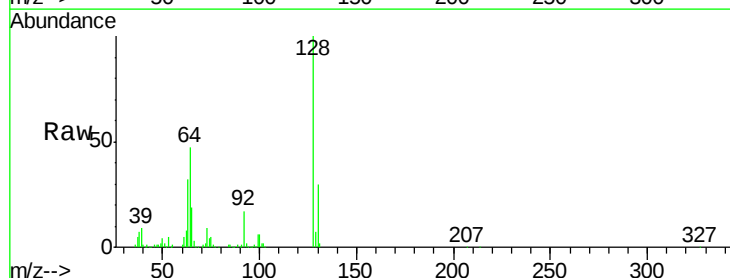
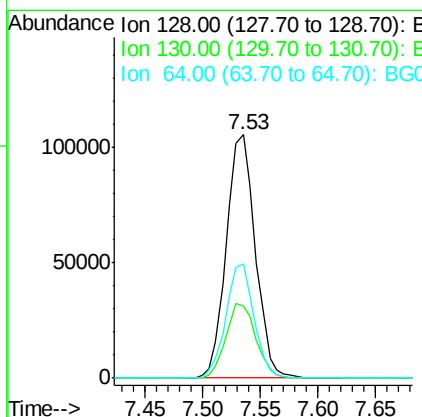
RT: 7.53 min Scan# 757

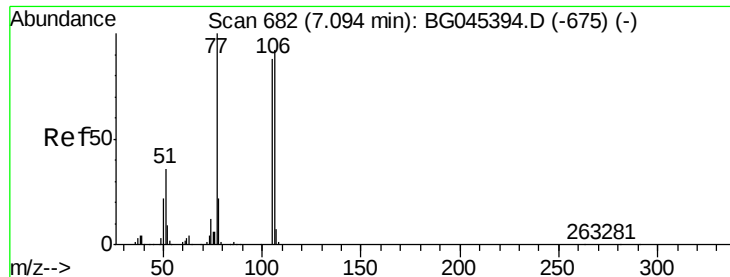
Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	184293		
130	29.6	12.6	52.6	
64	47.1	27.0	67.0	





#9

Benzaldehyde

Concen: 36.09 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

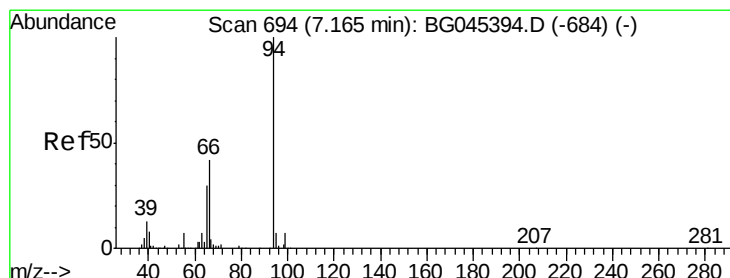
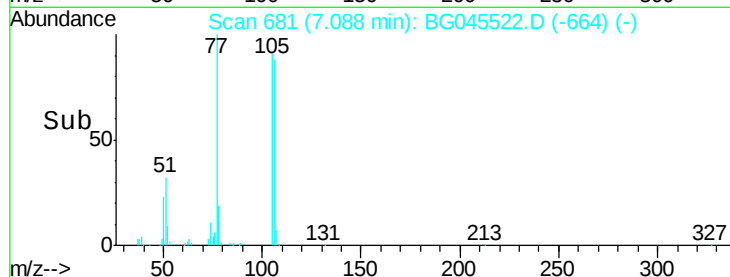
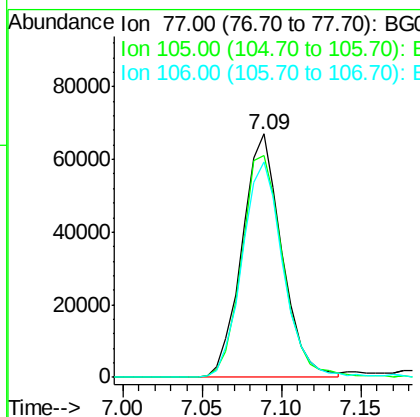
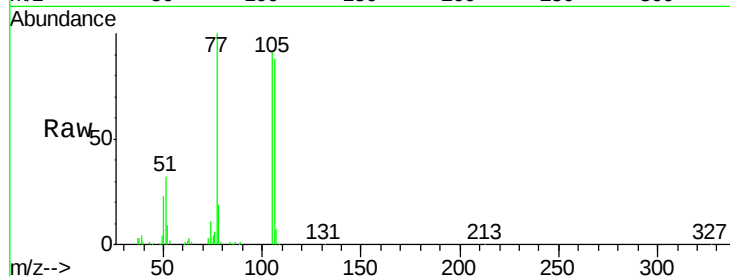
ClientSampleId :

PB129160BS

Tgt Ion:	77	Resp:	116892
Ion Ratio	Lower	Upper	
77	100		
105	91.3	68.5	108.5
106	88.5	71.6	111.6

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#10

Phenol

Concen: 46.98 ng

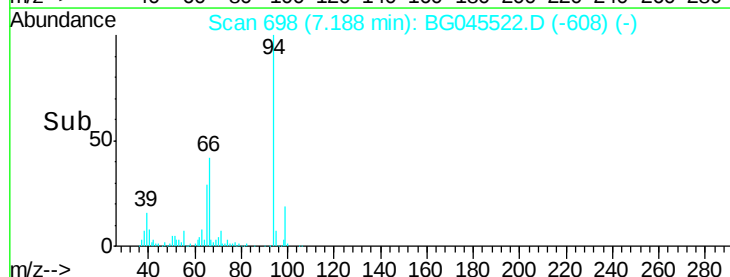
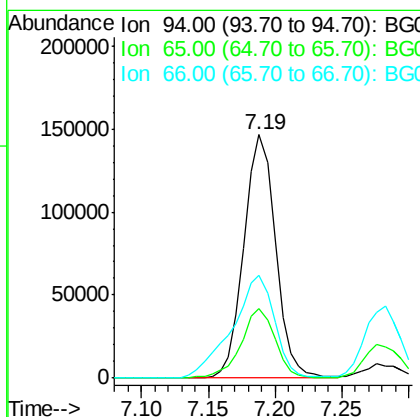
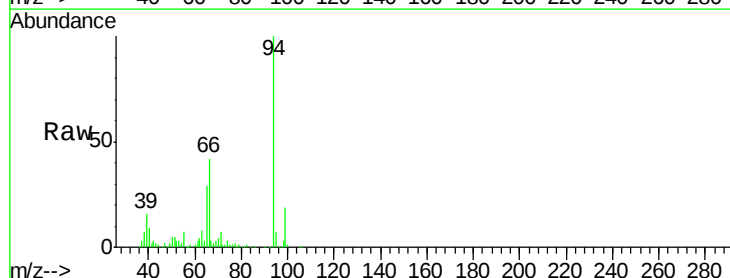
RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion:	94	Resp:	240673
Ion Ratio	Lower	Upper	
94	100		
65	28.6	9.8	49.8
66	42.0	22.0	62.0





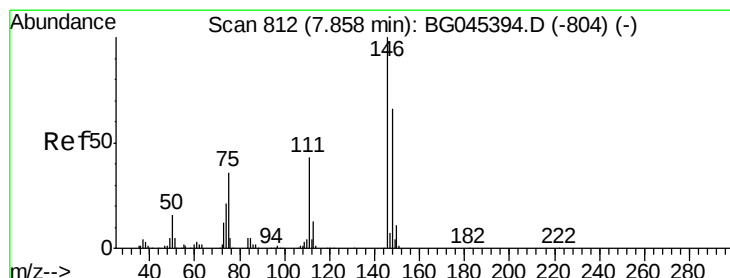
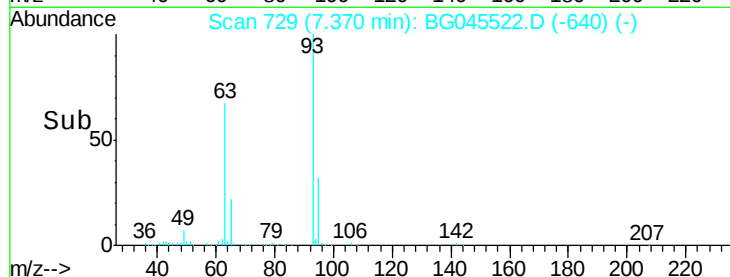
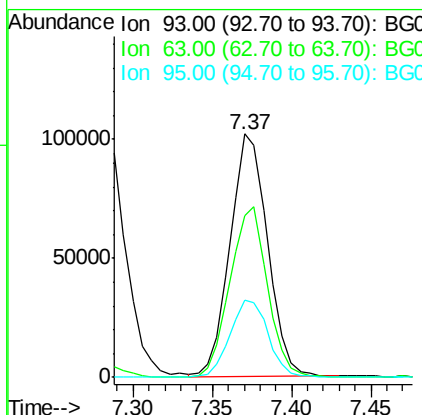
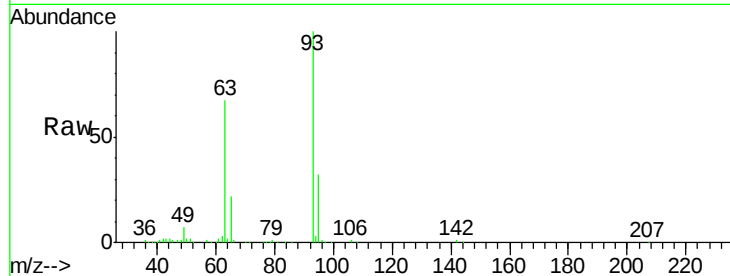
#11
bis(2-Chloroethyl)ether
Concen: 41.76 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion:	93	Resp:	166861
Ion	Ratio	Lower	Upper
93	100		
63	66.6	48.4	88.4
95	31.8	12.4	52.4

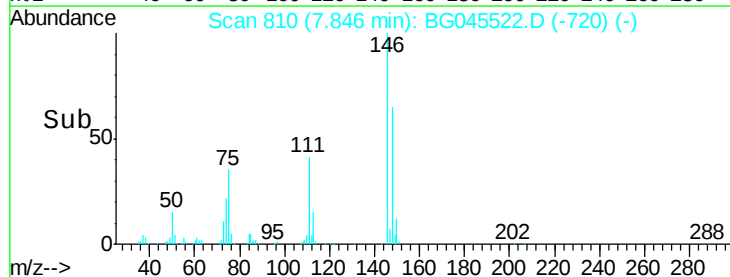
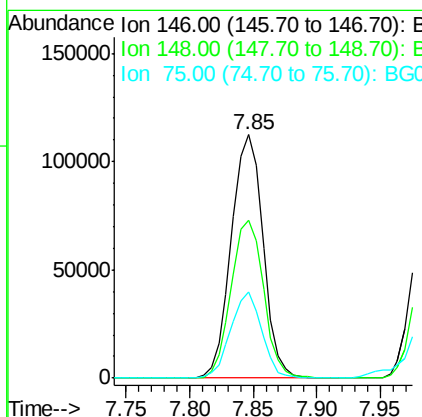
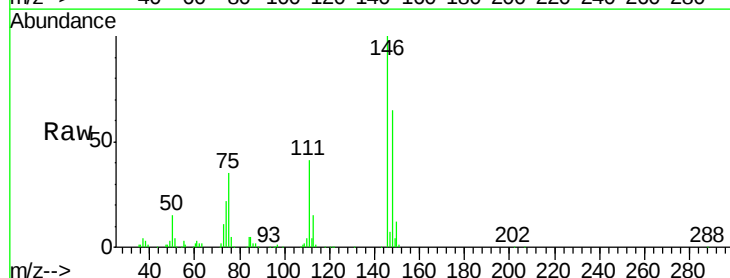
Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#12
1,3-Dichlorobenzene
Concen: 42.41 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion:	146	Resp:	195205
Ion	Ratio	Lower	Upper
146	100		
148	64.7	53.2	79.8
75	35.3	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 43.34 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

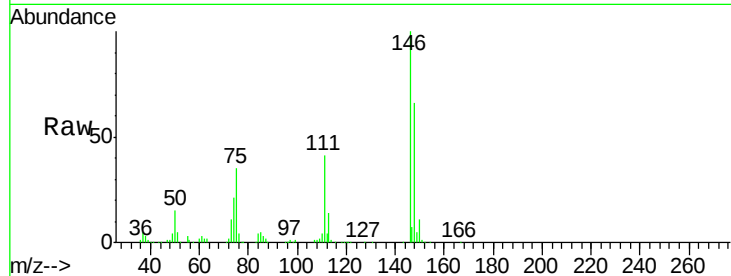
ClientSampleId :

PB129160BS

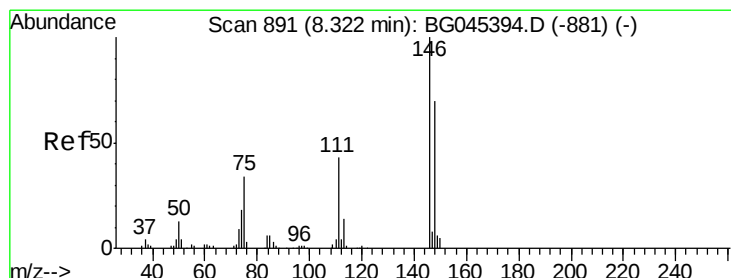
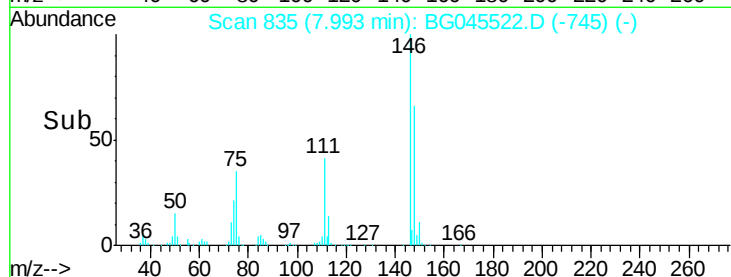
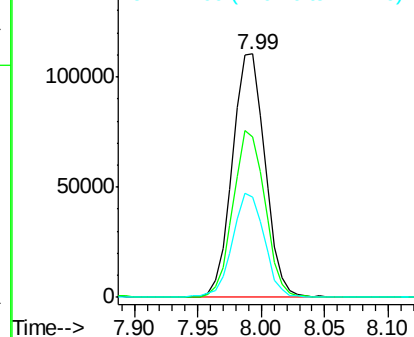
Tgt Ion:	146	Resp:	196827
Ion Ratio		Lower	Upper
146	100		
148	66.1	51.8	77.8
111	41.2	32.1	48.1

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 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: 42.45 ng

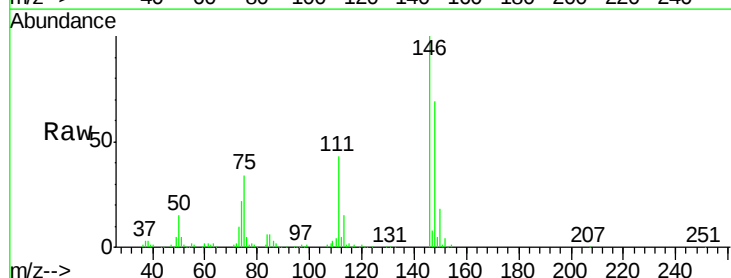
RT: 8.31 min Scan# 889

Delta R.T. -0.00 min

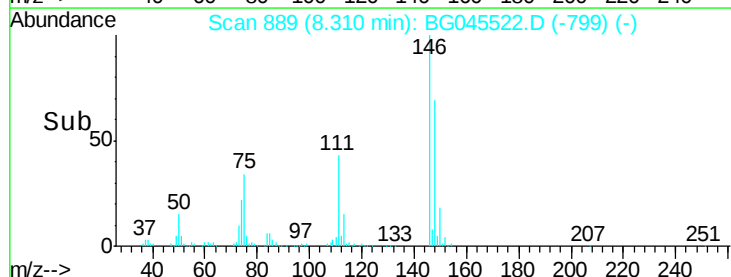
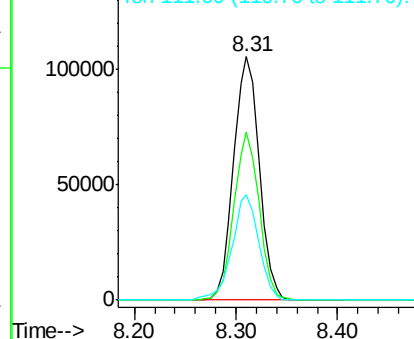
Lab File: BG045522.D

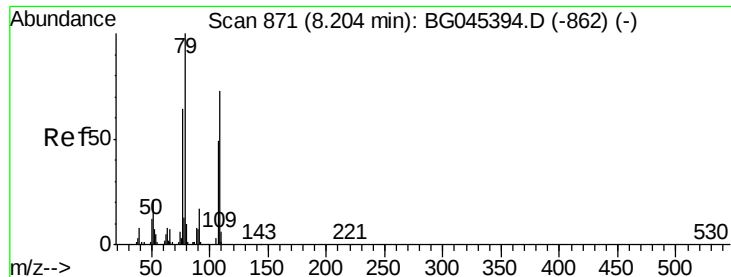
Acq: 29 May 2020 13:58

Tgt Ion:	146	Resp:	185446
Ion Ratio		Lower	Upper
146	100		
148	68.9	55.9	83.9
111	43.3	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: 43.95 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

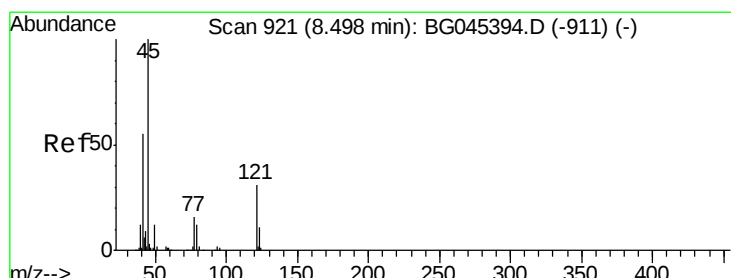
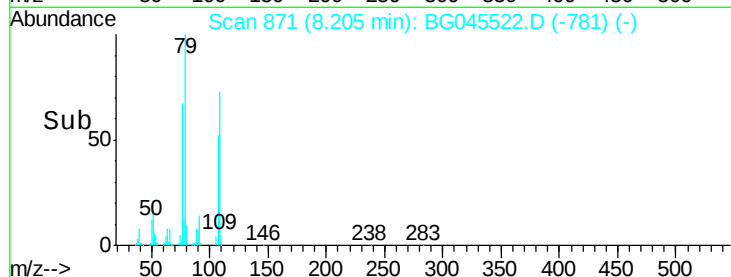
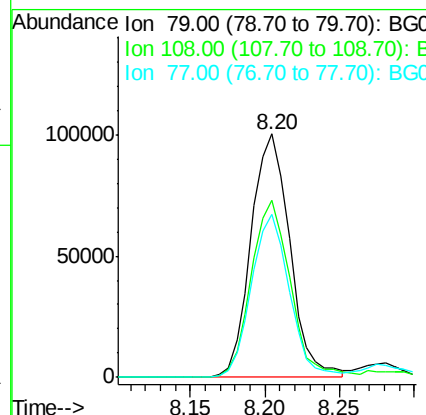
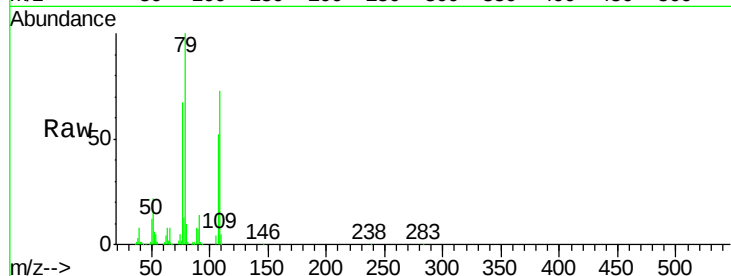
ClientSampleId :

PB129160BS

Tgt Ion:	79	Resp:	180449
Ion	Ratio	Lower	Upper
79	100		
108	72.9	58.2	87.4
77	66.7	51.0	76.4

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.03 ng

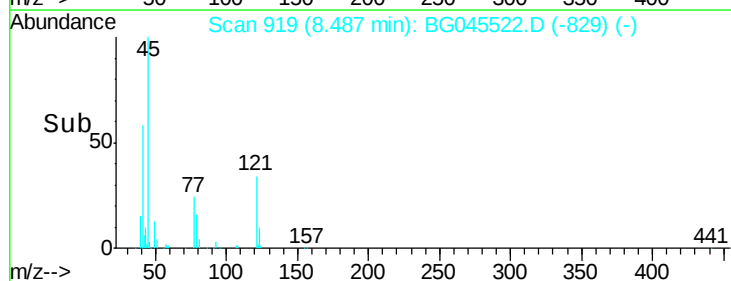
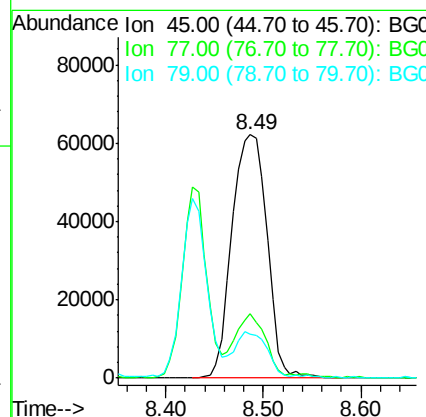
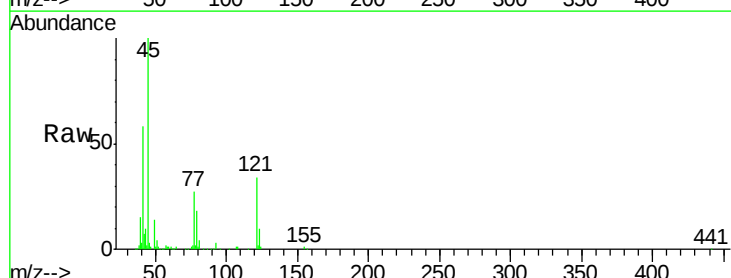
RT: 8.49 min Scan# 919

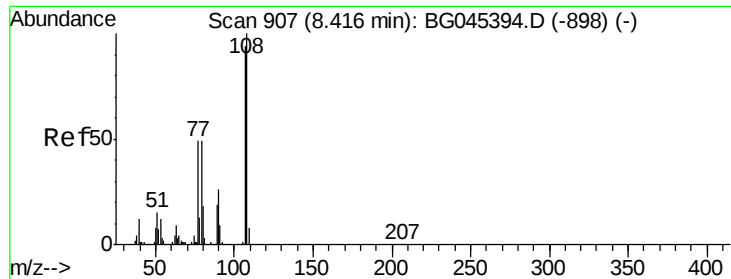
Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion:	45	Resp:	155634
Ion	Ratio	Lower	Upper
45	100		
77	26.6	4.0	44.0
79	18.0	0.0	38.6





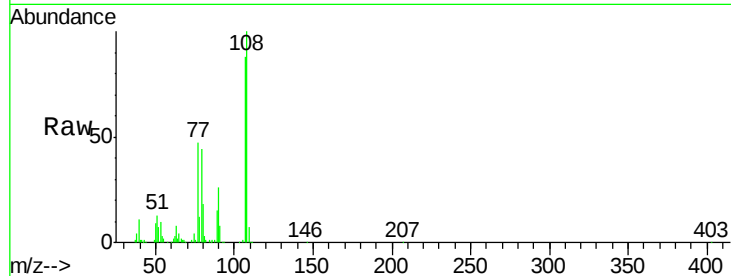
#17
2-Methylphenol
Concen: 43.52 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	166867		
108	113.3	85.2	127.8	
77	53.1	41.6	62.4	
79	50.0	41.8	62.8	

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



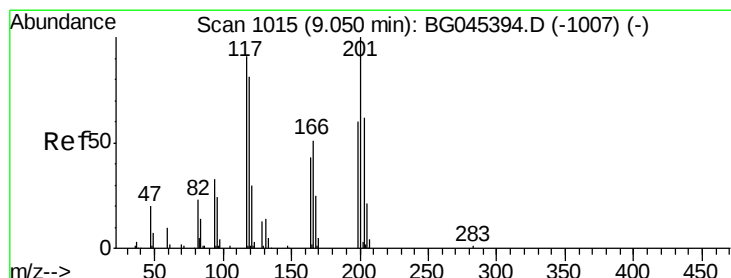
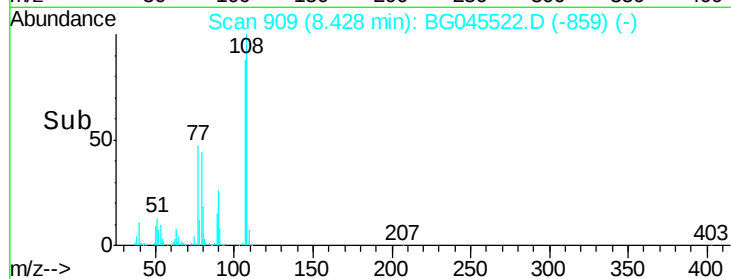
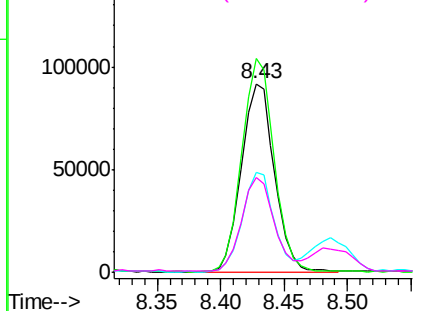
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

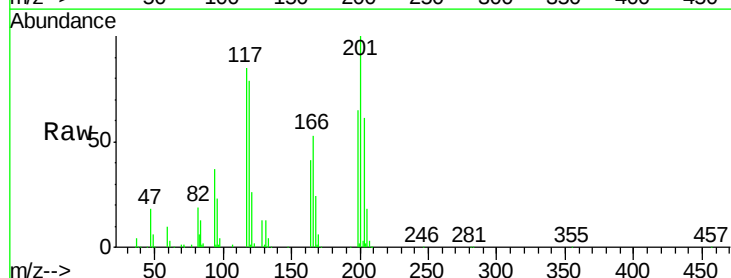
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.43 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	75549		
119	93.0	71.3	106.9	
201	117.8	87.5	131.3	

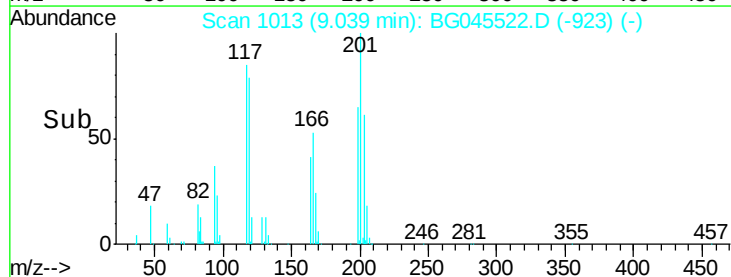
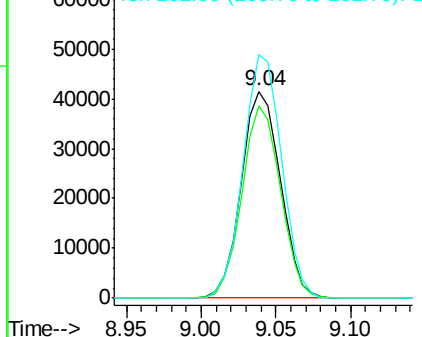


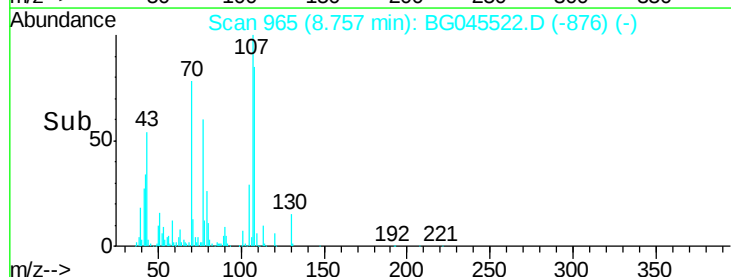
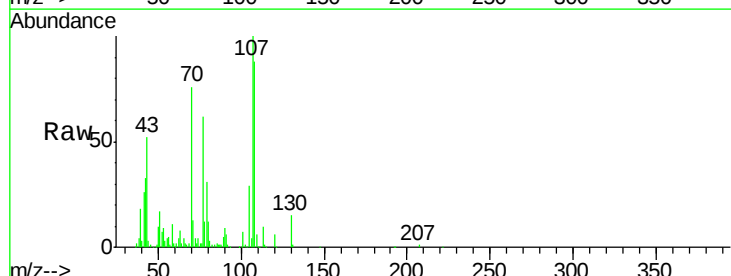
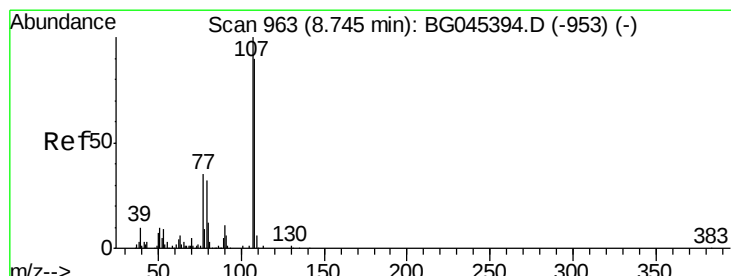
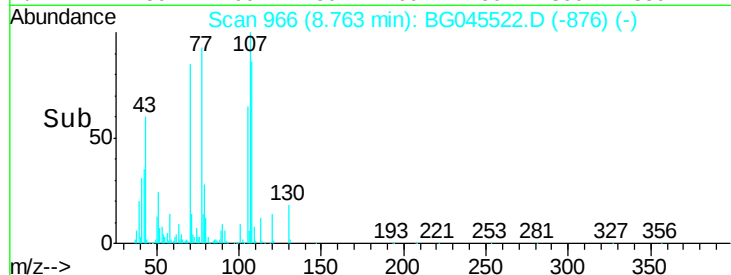
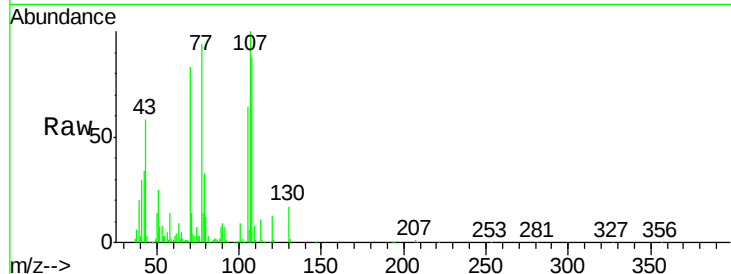
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

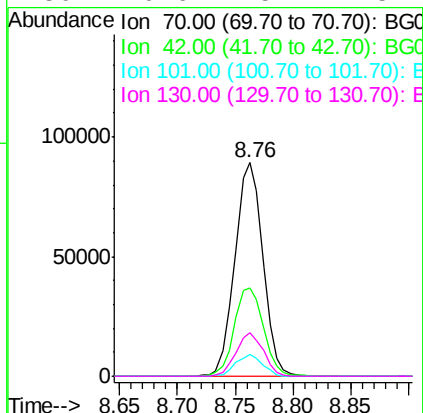
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.53 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
70	100		
42	41.7	33.2	49.8
101	10.3	7.8	11.6
130	20.6	15.4	23.2



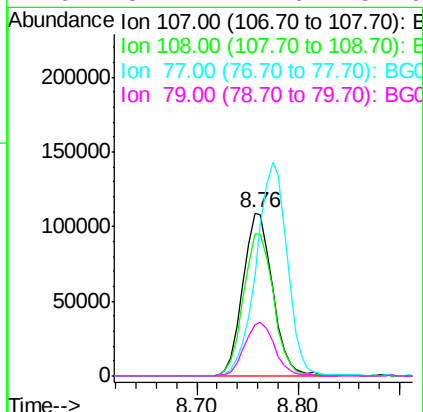
Instrument :
BNA_G
ClientSampleId :
PB129160BS

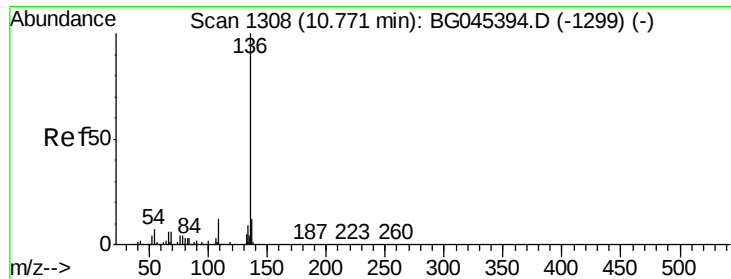
Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM

#20
3+4-Methylphenols
Concen: 42.62 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	70.3	110.3
77	61.7	15.4	55.4
79	31.4	12.6	52.6





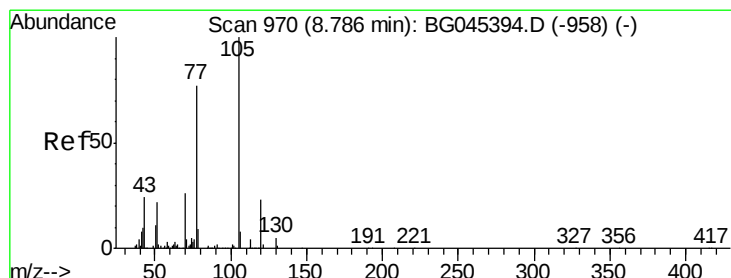
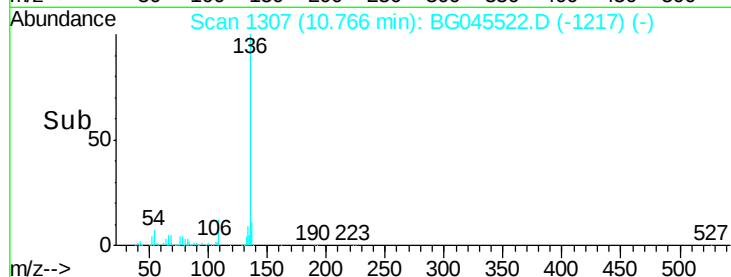
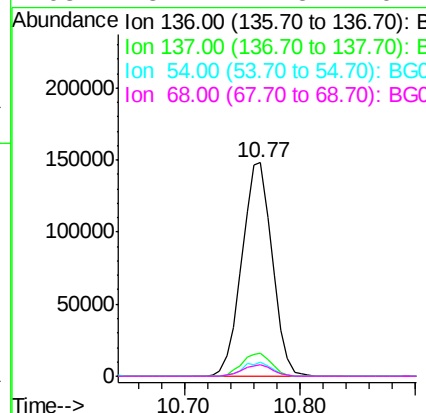
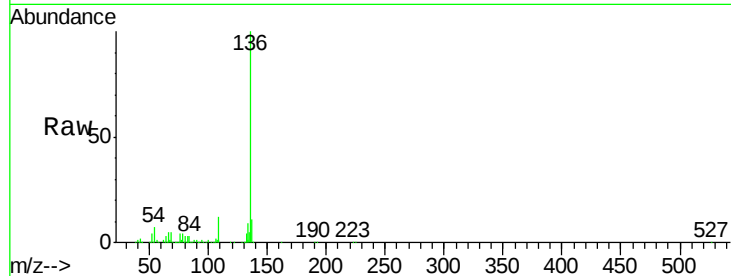
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	269387		
137	10.7		9.4	14.2
54	6.7		5.8	8.6
68	5.1		4.5	6.7

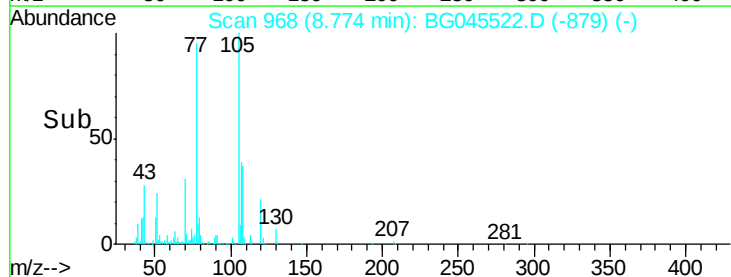
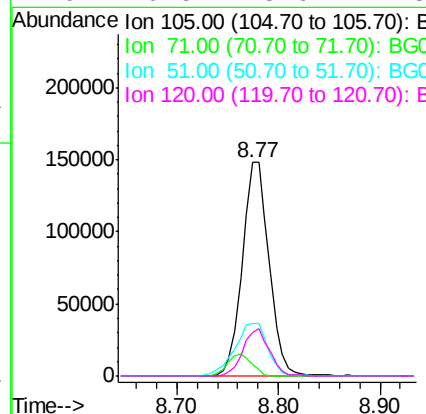
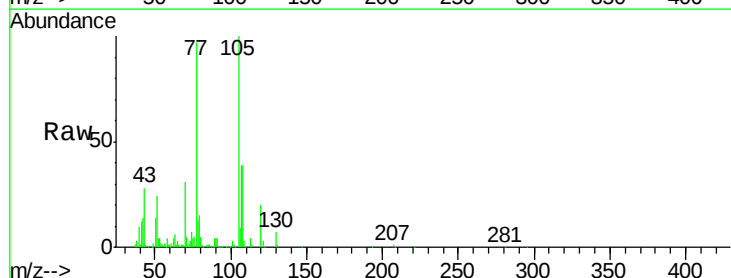
Manual Integrations
APPROVED

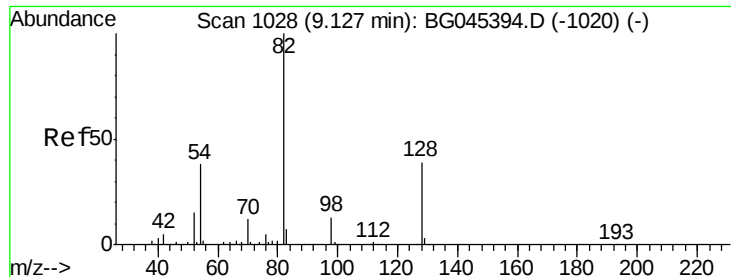
mohammad
6/1/2020 12:22:43 PM



#22
Acetophenone
Concen: 42.42 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	270827		
71	5.5		3.4	5.0#
51	24.5		18.2	27.2
120	20.5		18.6	27.8





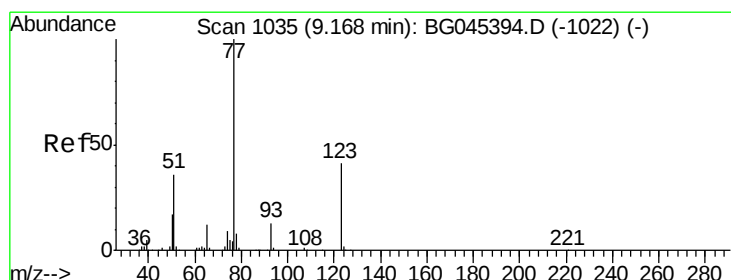
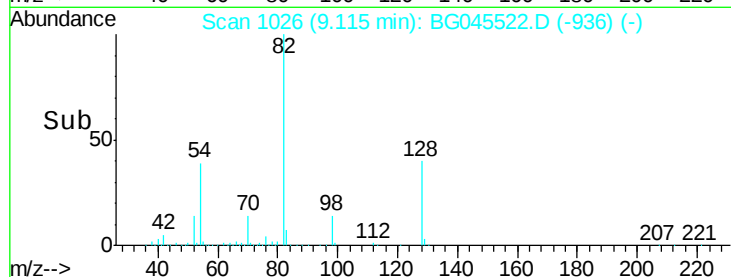
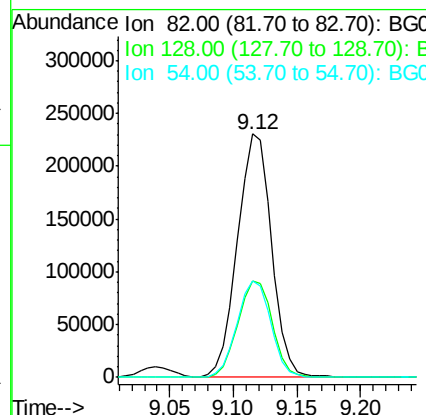
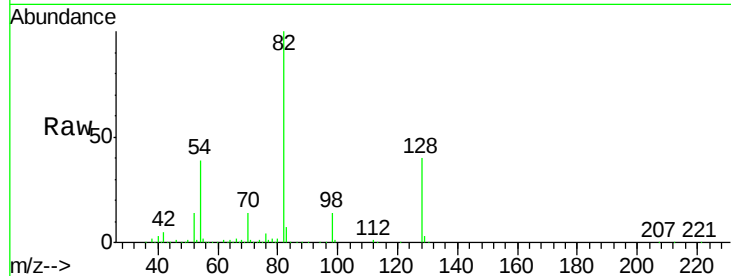
#23
 Nitrobenzene-d5
 Concen: 86.67 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	428148		
128	39.8	30.9	46.3	
54	39.4	30.3	45.5	

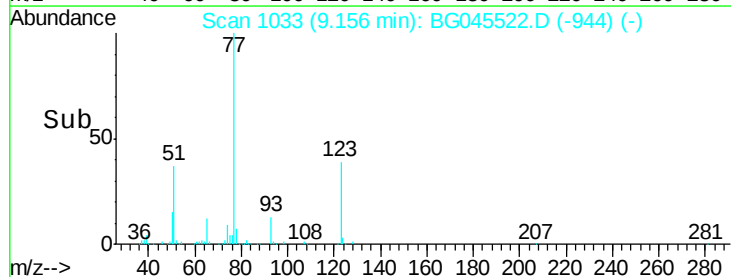
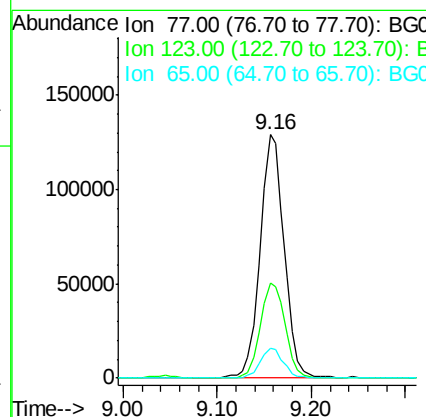
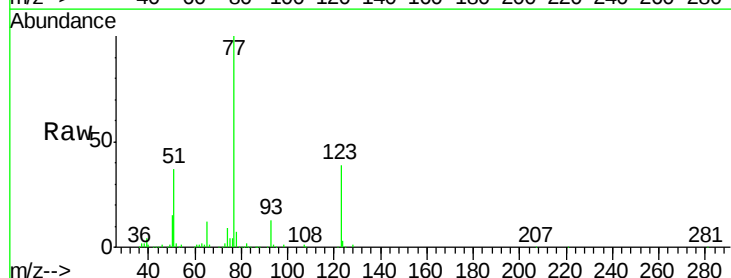
Manual Integrations
 APPROVED

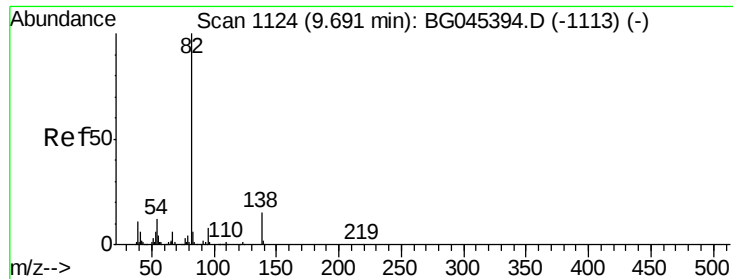
mohammad
 6/1/2020 12:22:43 PM



#24
 Nitrobenzene
 Concen: 43.20 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	228619		
123	39.3	32.9	49.3	
65	12.3	9.4	14.2	





#25

Isophorone

Concen: 41.92 ng

RT: 9.68 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

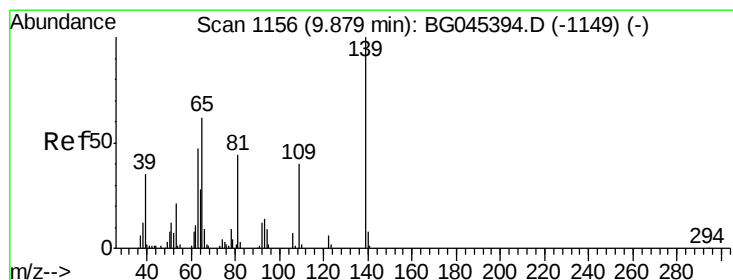
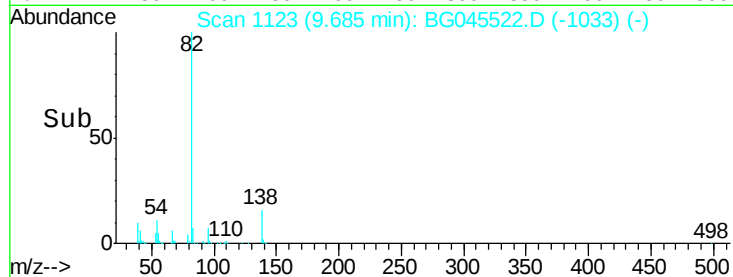
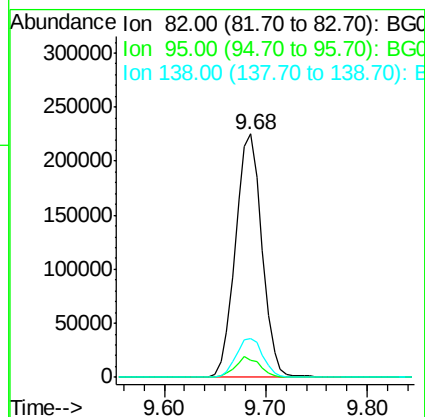
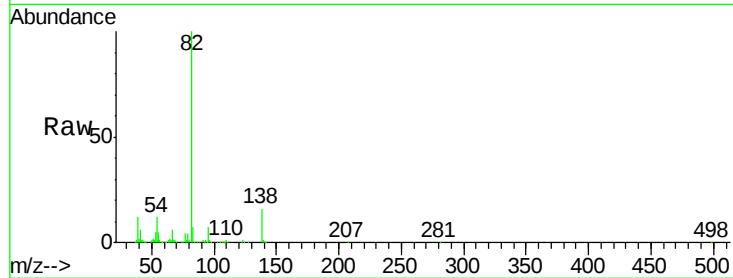
ClientSampleId :

PB129160BS

Tgt Ion:	82	Resp:	407874
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.7	10.1
138	16.2	12.2	18.4

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#26

2-Nitrophenol

Concen: 45.55 ng

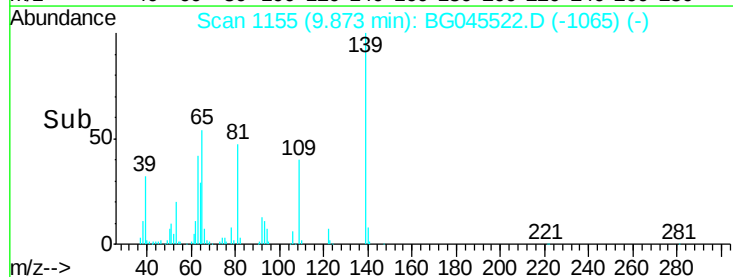
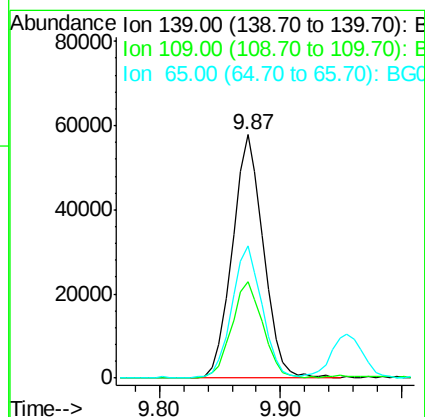
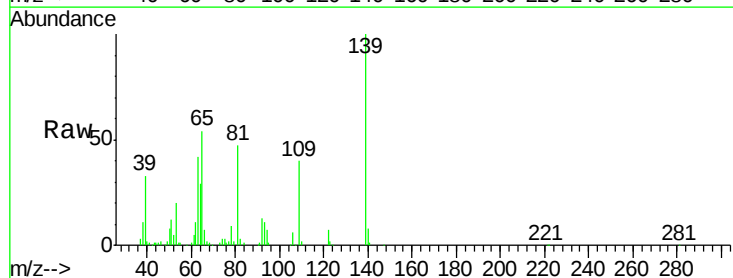
RT: 9.87 min Scan# 1155

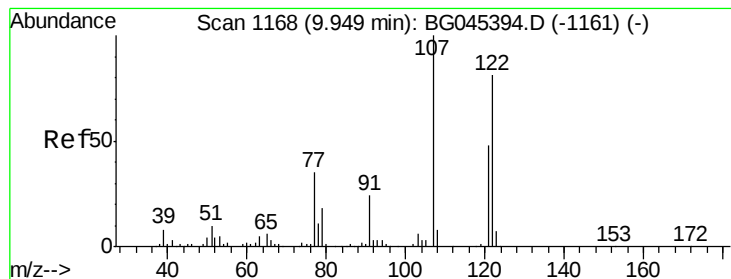
Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion:	139	Resp:	103139
Ion Ratio	Lower	Upper	
139	100		
109	39.8	32.2	48.4
65	54.3	49.6	74.4





#27

2,4-Dimethylphenol

Concen: 52.23 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

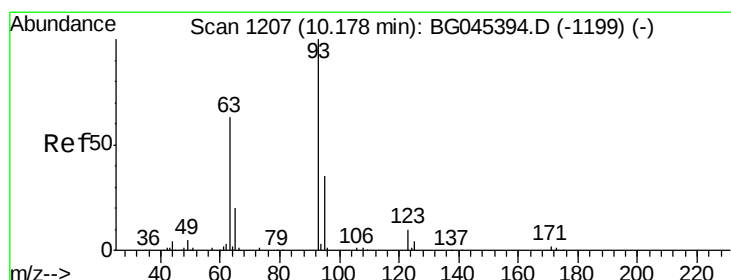
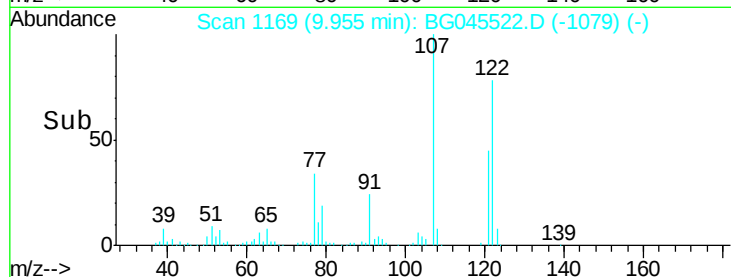
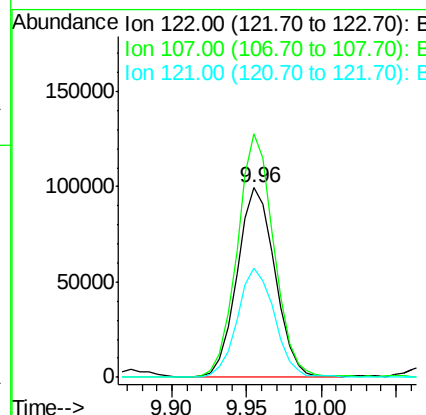
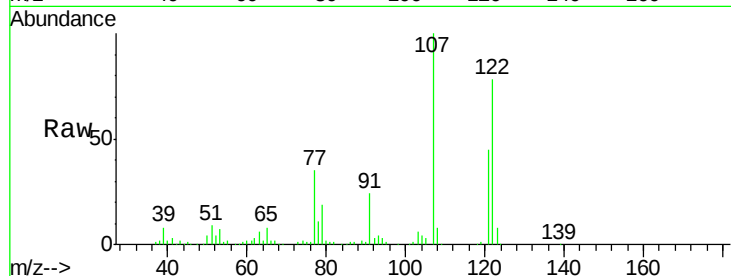
ClientSampleId :

PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	175396		
107	128.5	99.0	148.4	
121	57.5	47.7	71.5	

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#28

bis(2-Chloroethoxy)methane

Concen: 44.66 ng

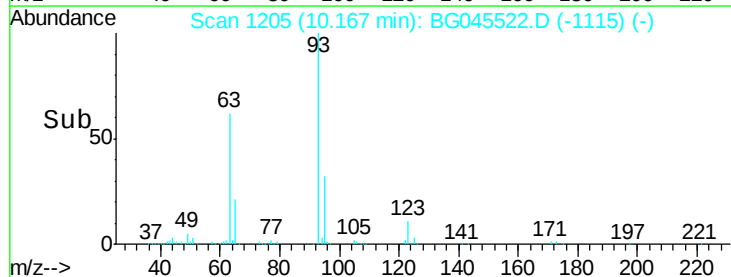
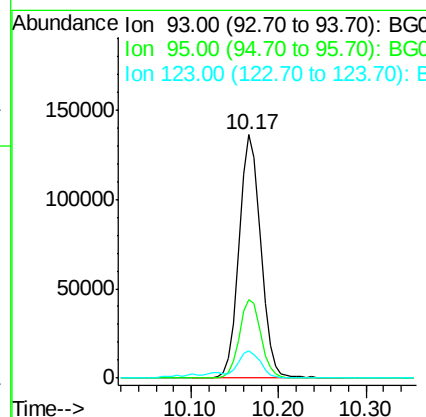
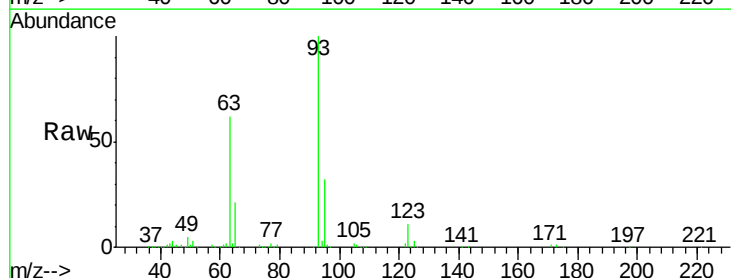
RT: 10.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	227878		
95	32.4	27.6	41.4	
123	11.1	8.1	12.1	





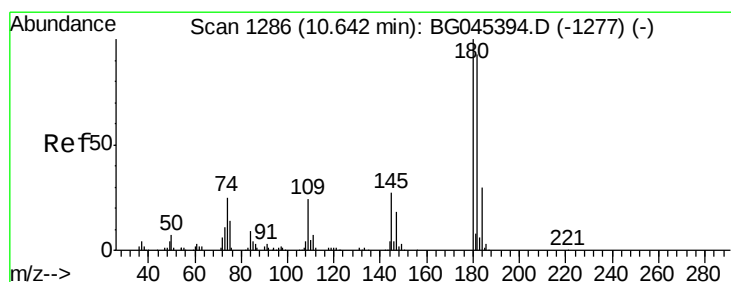
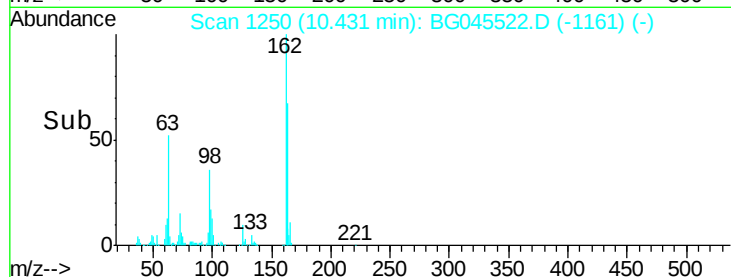
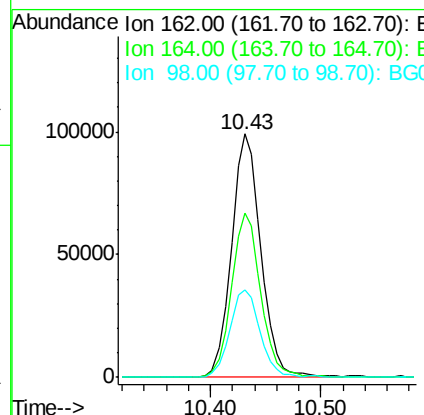
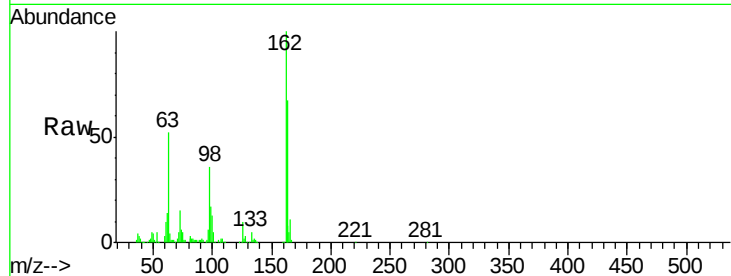
#29
 2,4-Dichlorophenol
 Concen: 46.46 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	67.3	46.8	86.8
98	36.1	15.2	55.2

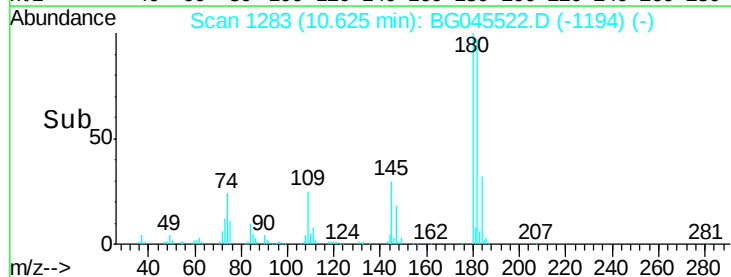
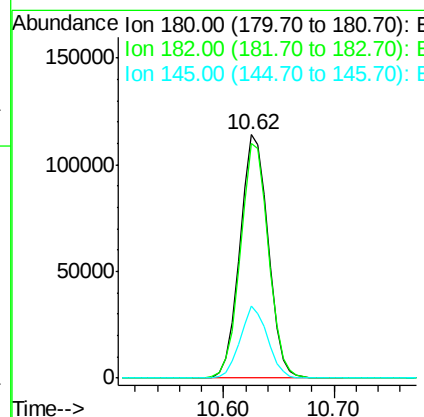
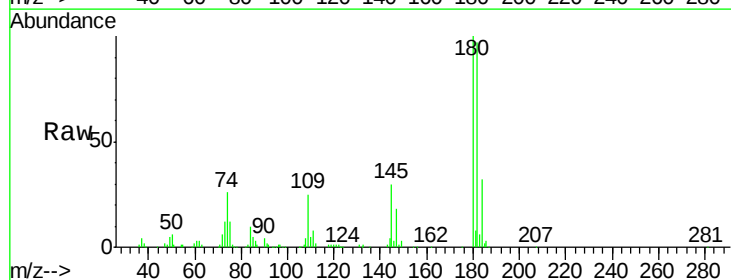
Manual Integrations
 APPROVED

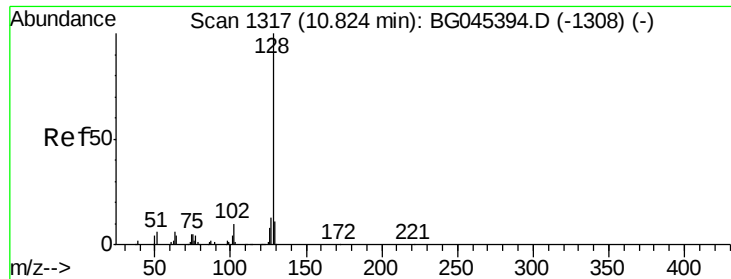
mohammad
 6/1/2020 12:22:43 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.85 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.6	74.8	112.2
145	29.6	21.9	32.9





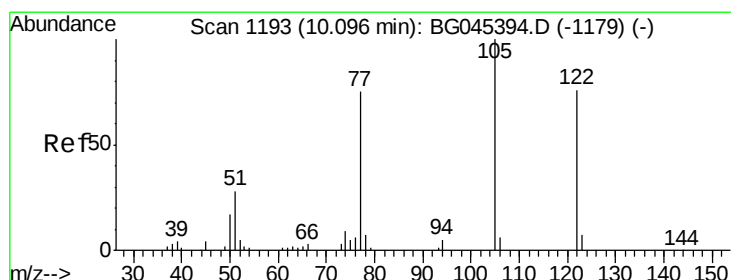
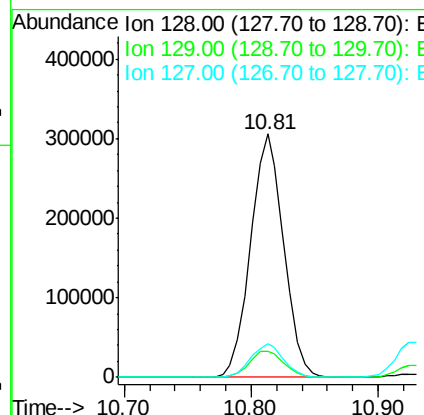
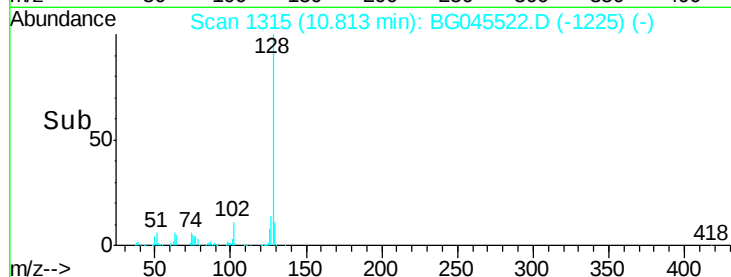
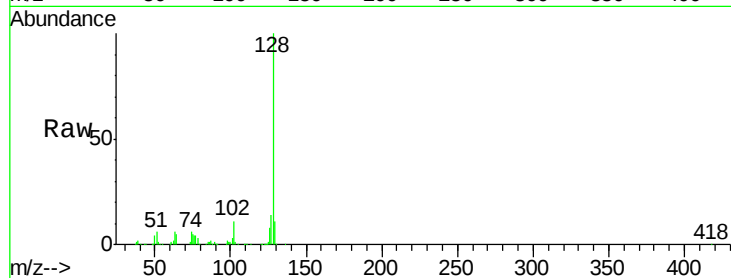
#31
Naphthalene
Concen: 43.94 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	551551		
129	10.9	9.0	13.6	
127	13.7	10.7	16.1	

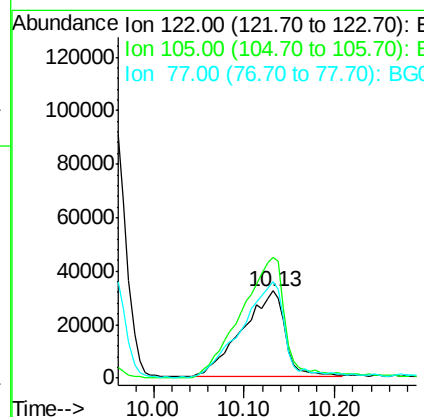
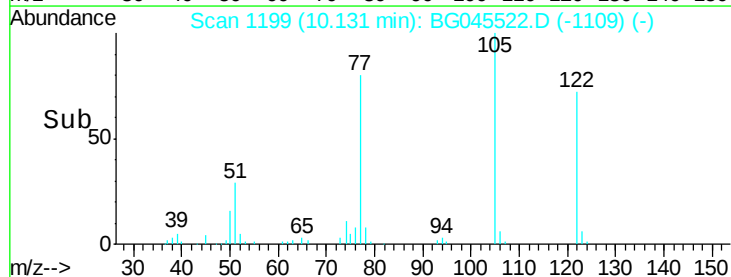
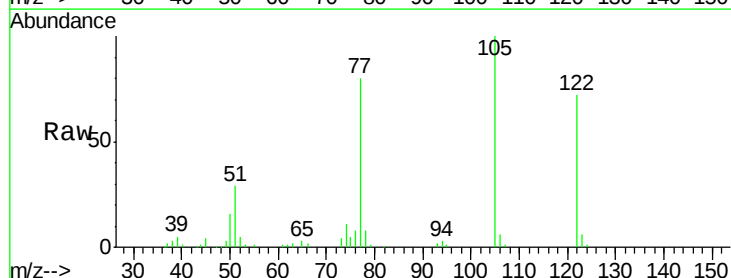
Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#32
Benzoic acid
Concen: 47.26 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	107486		
105	139.0	107.9	147.9	
77	110.7	78.9	118.9	





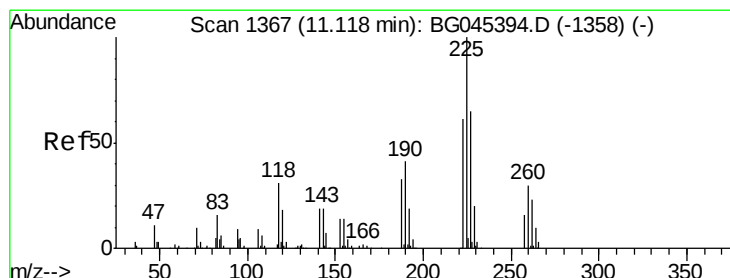
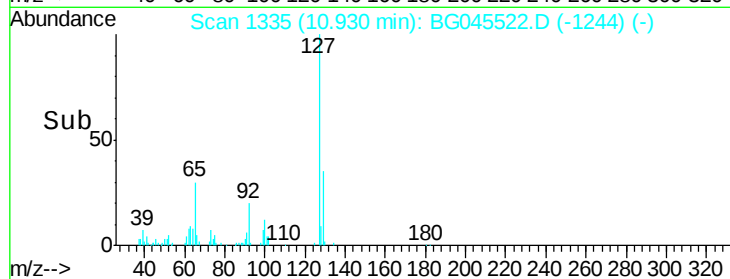
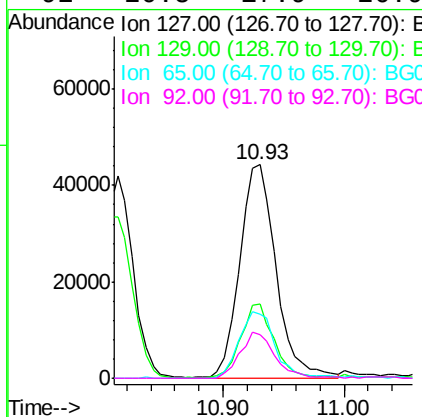
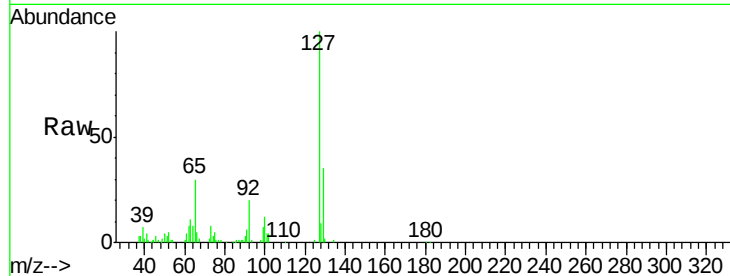
#33
4-Chloroaniline
Concen: 17.75 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	93122		
129	34.8	24.7	37.1	
65	30.2	26.2	39.2	
92	20.5	17.9	26.9	

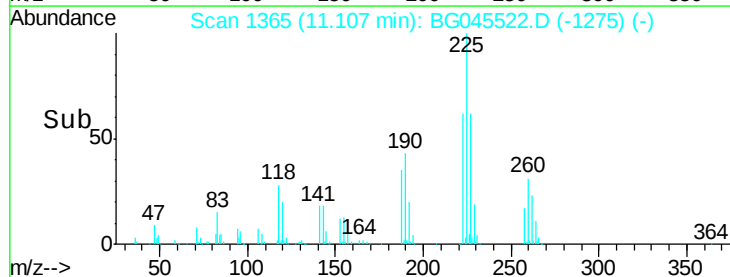
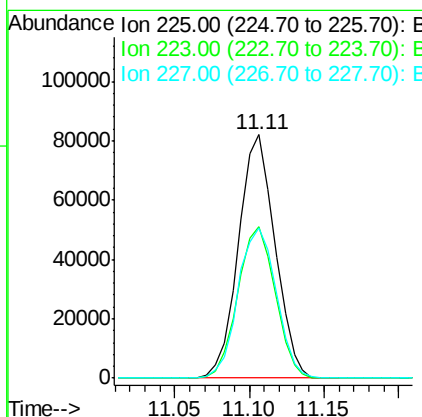
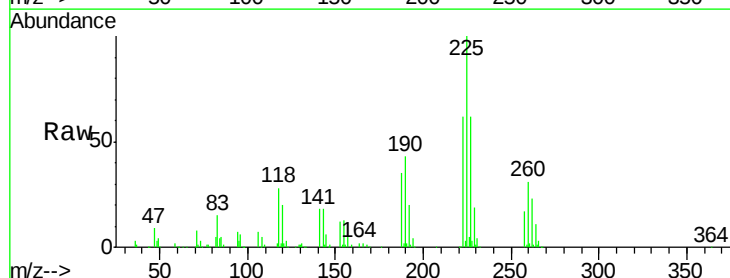
Manual Integrations
APPROVED

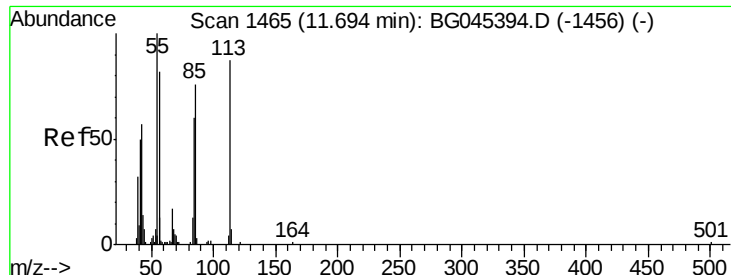
mohammad
6/1/2020 12:22:43 PM



#34
Hexachlorobutadiene
Concen: 42.15 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139609		
223	62.1	49.1	73.7	
227	61.5	52.0	78.0	





#35

Caprolactam

Concen: 44.55 ng m

RT: 11.69 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

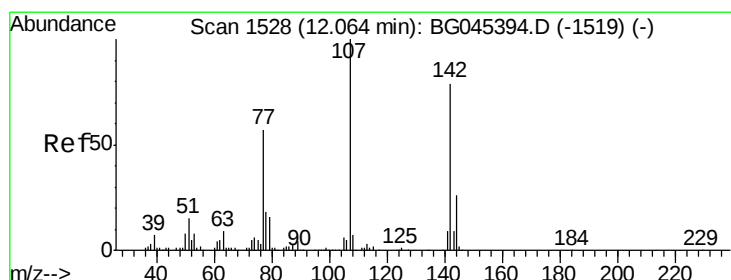
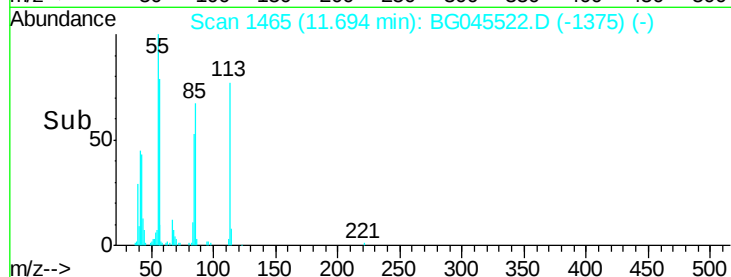
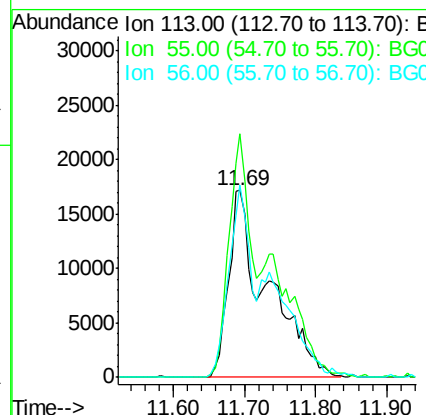
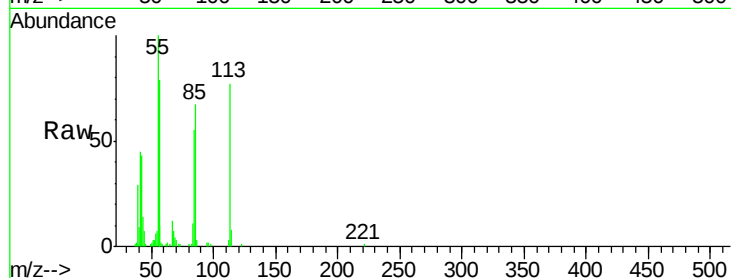
ClientSampleId :

PB129160BS

Tgt Ion:	113	Resp:	64848
Ion Ratio	Lower	Upper	
113	100		
55	130.4	96.0	136.0
56	102.9	75.1	115.1

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#36

4-Chloro-3-methylphenol

Concen: 46.64 ng

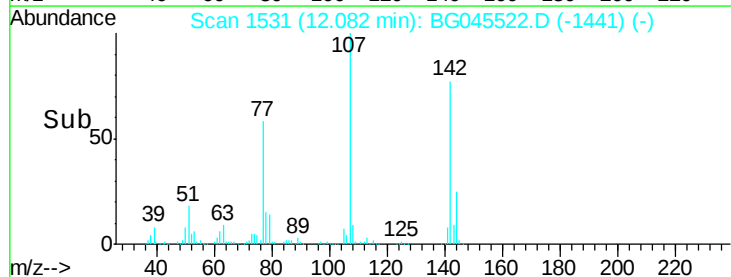
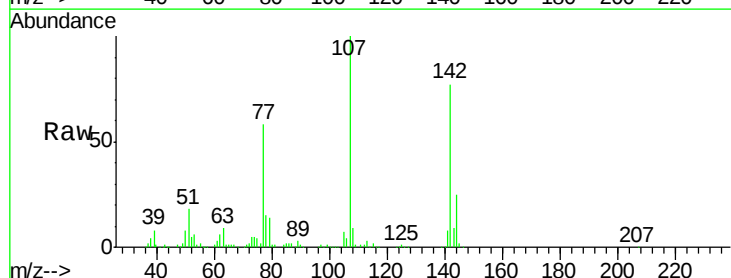
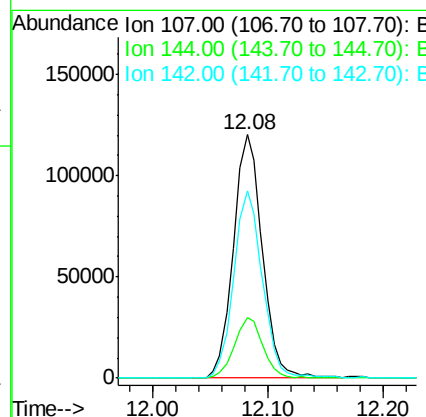
RT: 12.08 min Scan# 1531

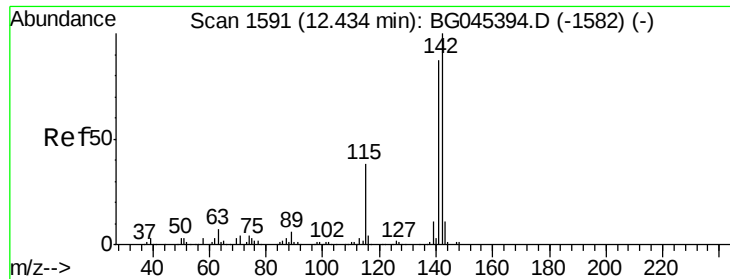
Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion:	107	Resp:	208391
Ion Ratio	Lower	Upper	
107	100		
144	25.0	20.8	31.2
142	77.0	62.8	94.2





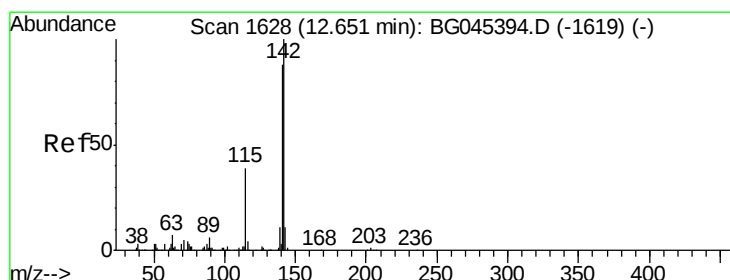
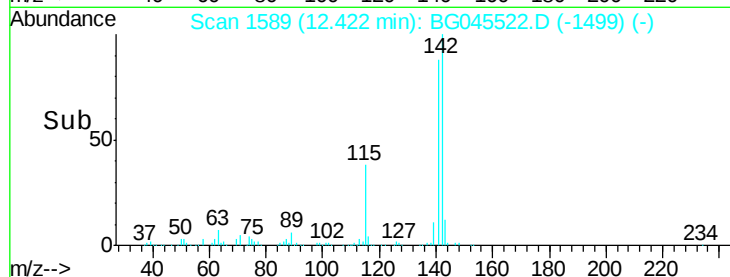
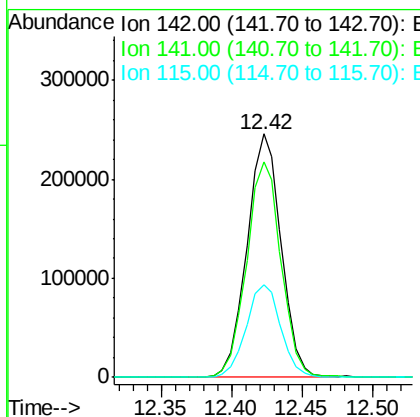
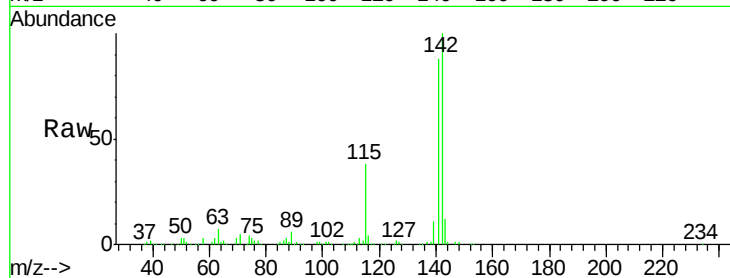
#37
2-Methylnaphthalene
Concen: 44.56 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.0	105.0
115	38.2	30.8	46.2

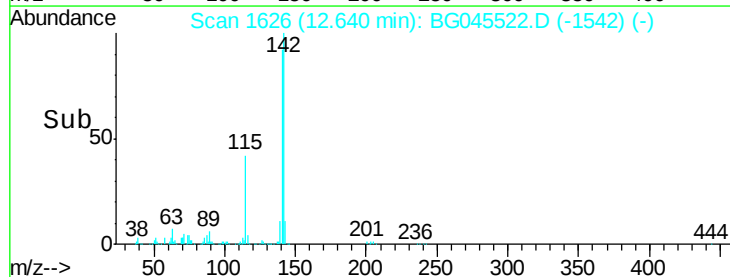
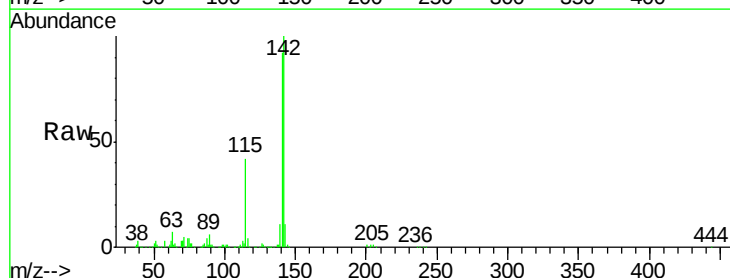
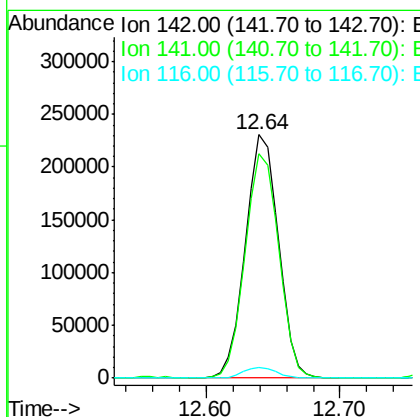
Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#38
1-Methylnaphthalene
Concen: 44.59 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.8	106.2
116	4.2	3.0	4.6





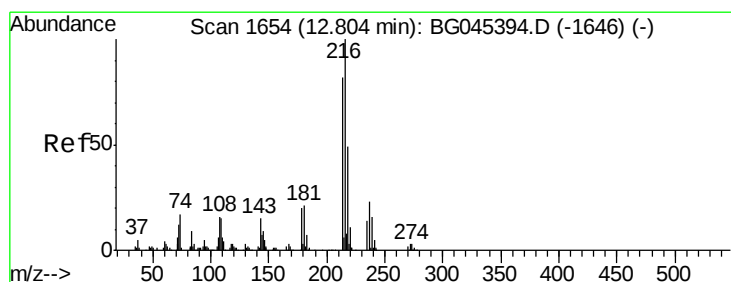
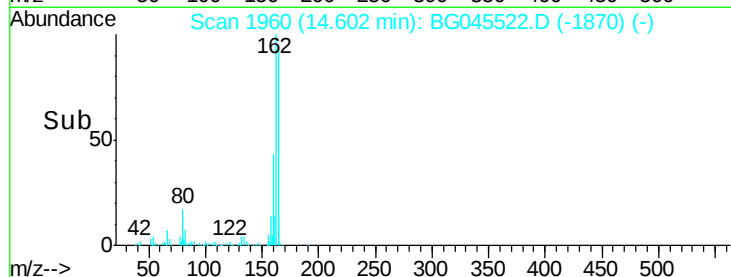
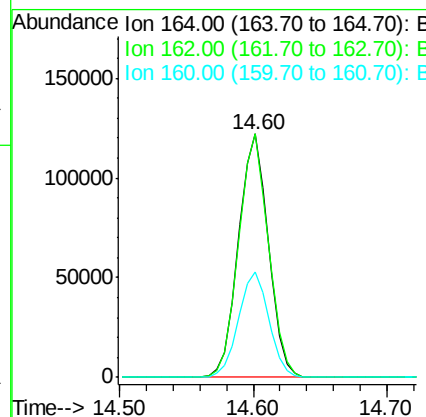
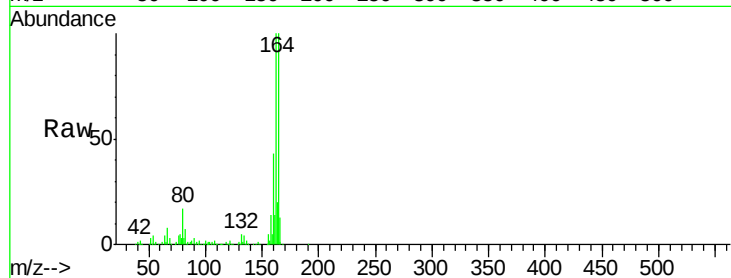
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	189617		
162	100.0	76.9	115.3	
160	43.4	33.8	50.8	

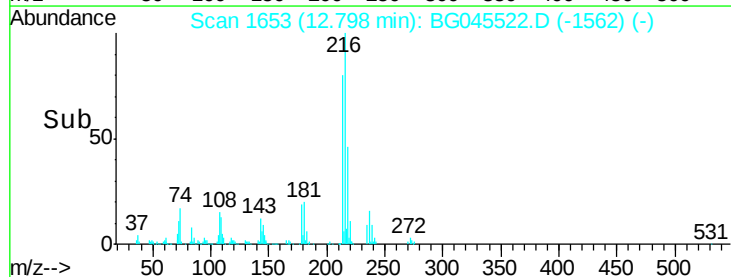
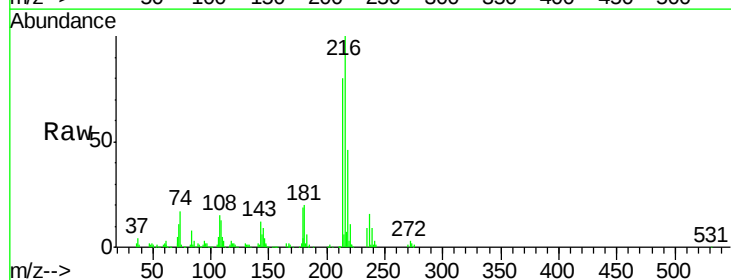
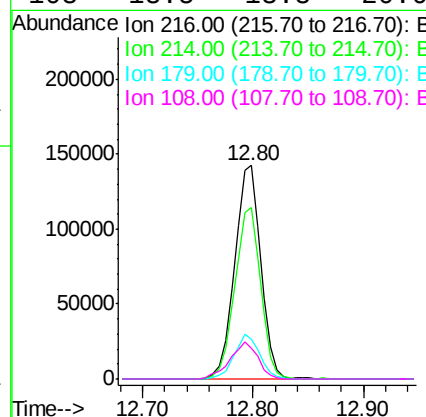
Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.59 ng
RT: 12.80 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	236182		
214	79.5	63.7	95.5	
179	20.3	16.1	24.1	
108	18.5	13.8	20.6	





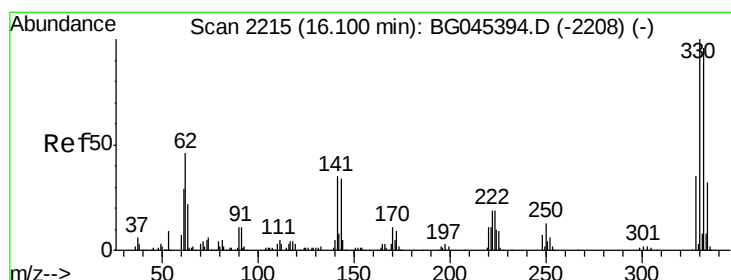
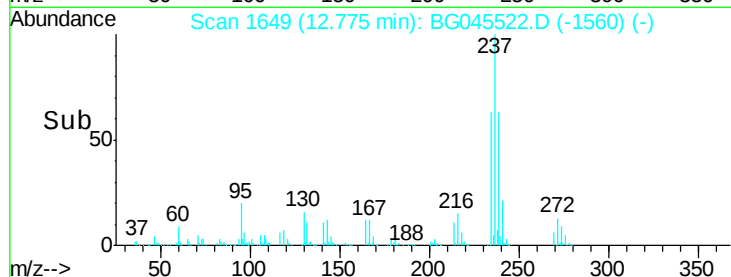
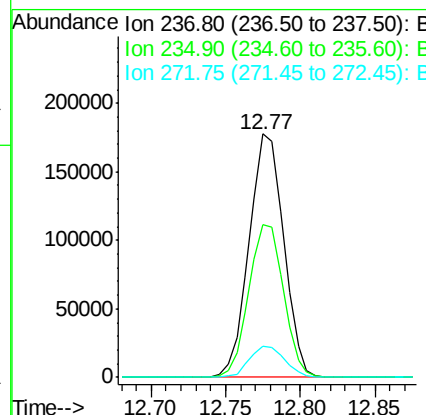
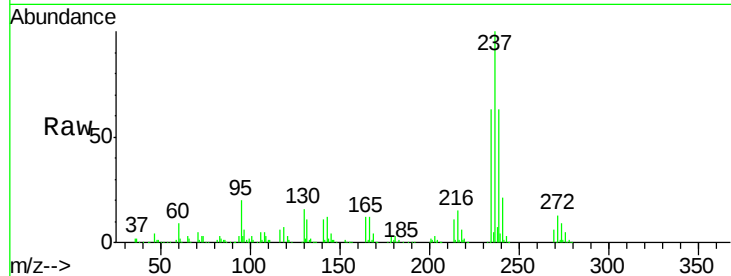
#41
Hexachlorocyclopentadiene
Concen: 92.79 ng
RT: 12.77 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.0	44.4	84.4
272	12.9	0.0	32.5

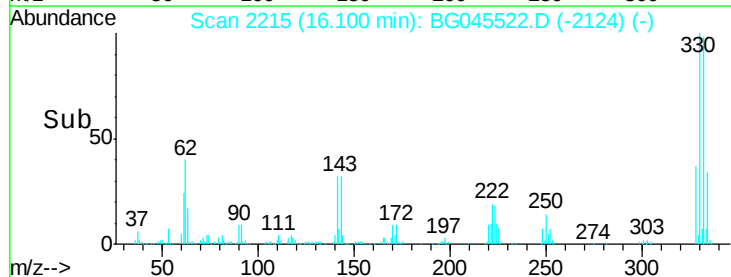
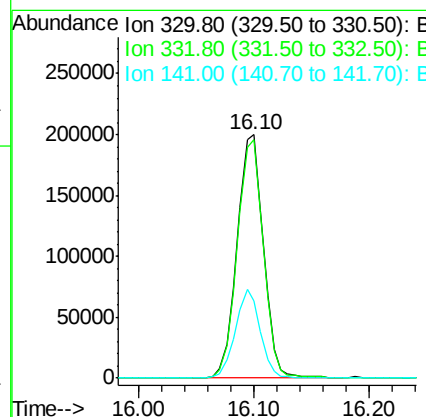
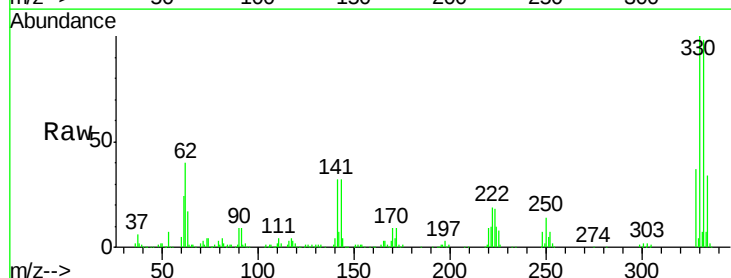
Manual Integrations
APPROVED

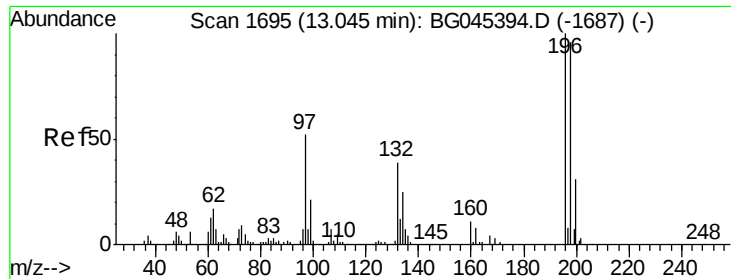
mohammad
6/1/2020 12:22:43 PM



#42
2,4,6-Tribromophenol
Concen: 129.92 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.7	78.2	117.4
141	34.5	28.2	42.4





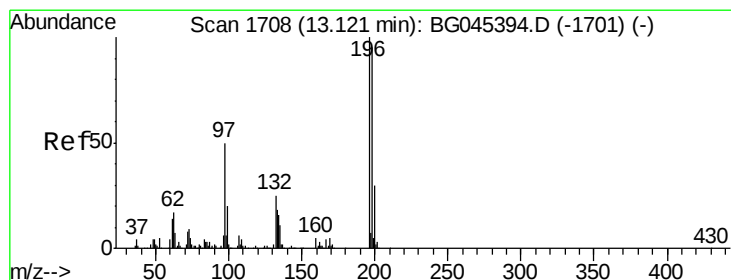
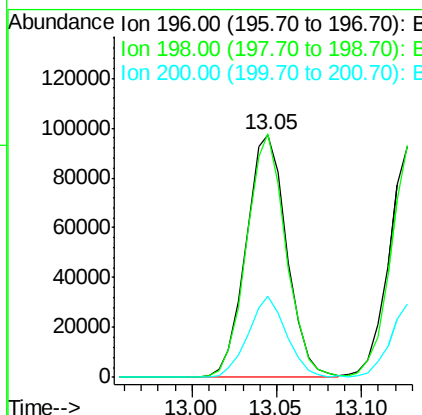
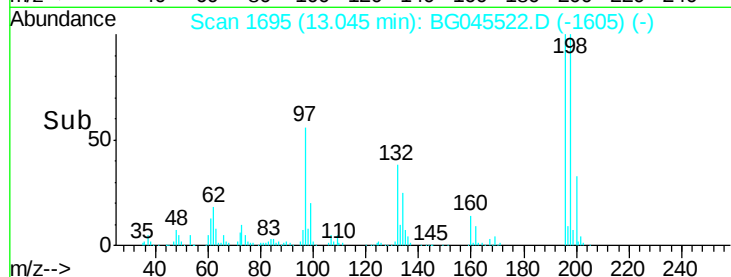
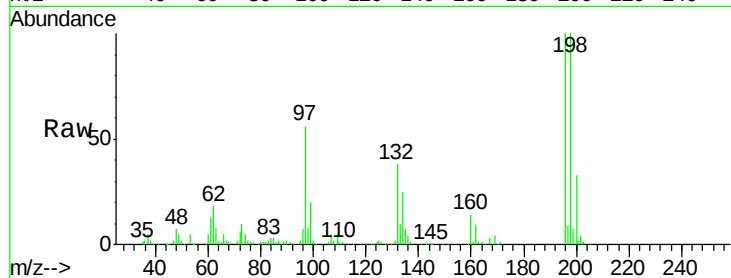
#43
 2,4,6-Trichlorophenol
 Concen: 44.17 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

Tgt Ion:	196	Resp:	162504
Ion Ratio	Lower	Upper	
196	100		
198	100.4	76.7	115.1
200	33.4	24.9	37.3

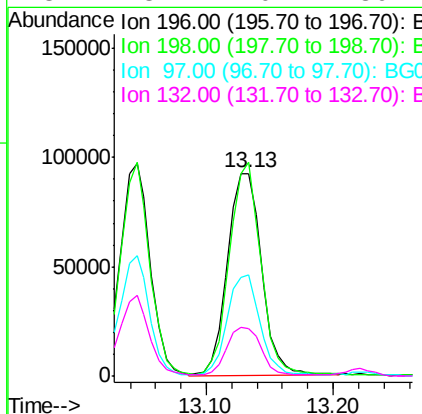
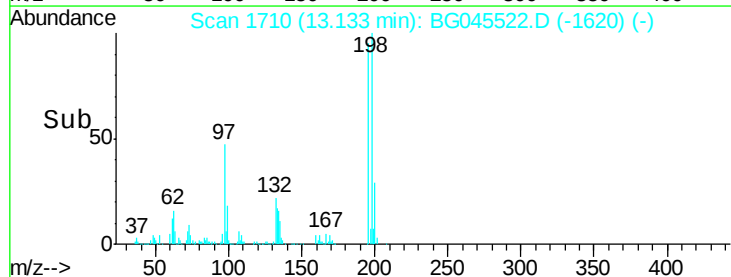
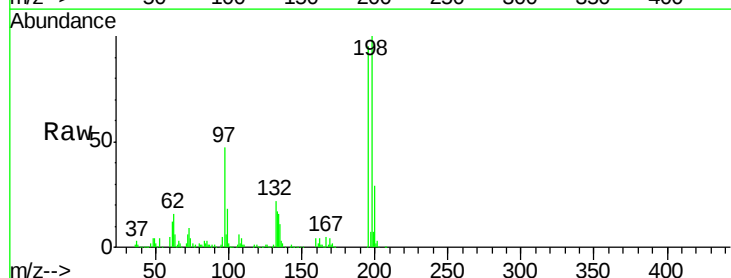
Manual Integrations
 APPROVED

mohammad
 6/1/2020 12:22:43 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.65 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Tgt Ion:	196	Resp:	170917
Ion Ratio	Lower	Upper	
196	100		
198	105.3	76.1	114.1
97	49.7	40.0	60.0
132	23.4	20.2	30.2





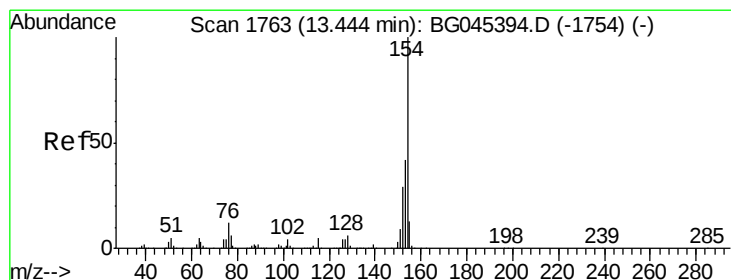
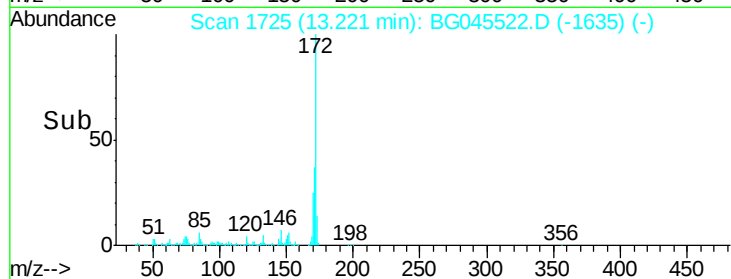
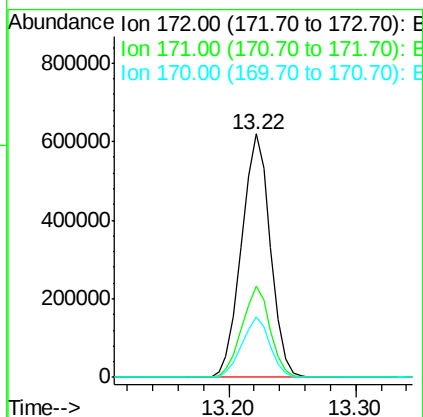
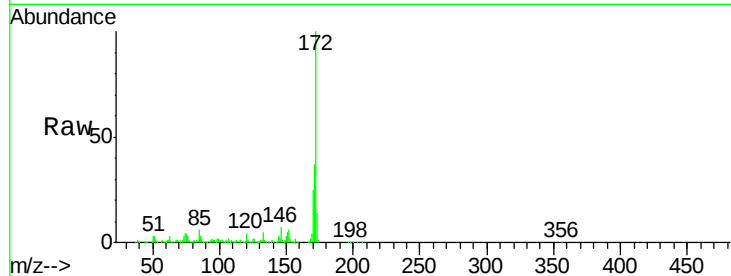
#45
2-Fluorobiphenyl
Concen: 87.13 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	973987		
171	37.4	29.5	44.3	
170	24.7	18.5	27.7	

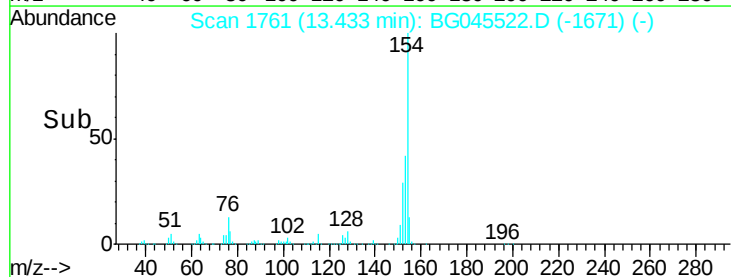
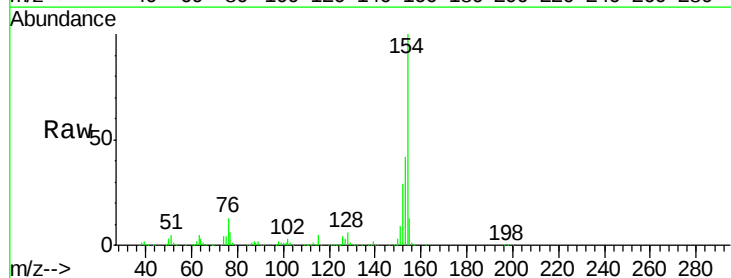
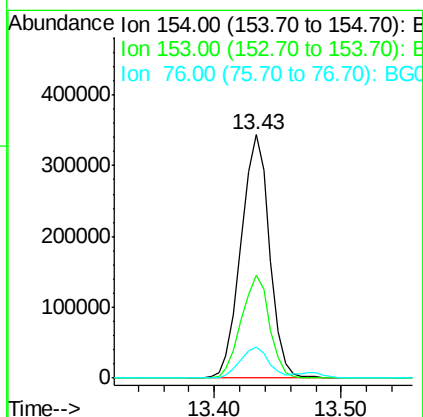
Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#46
1,1'-Biphenyl
Concen: 45.87 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	534450		
153	42.2	22.2	62.2	
76	12.8	0.0	32.4	





#47

2-Chloronaphthalene

Concen: 43.32 ng

RT: 13.47 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

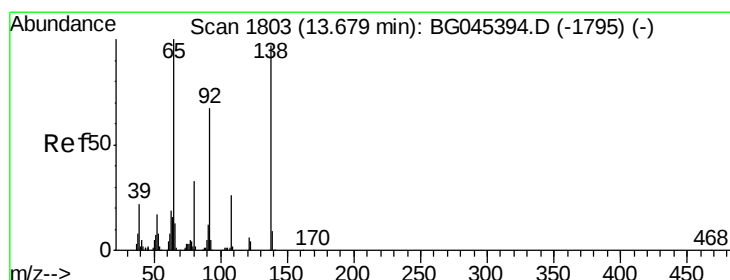
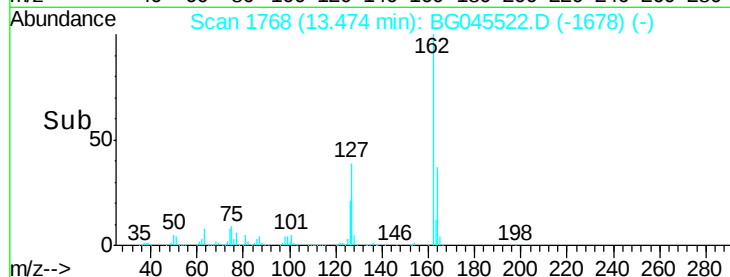
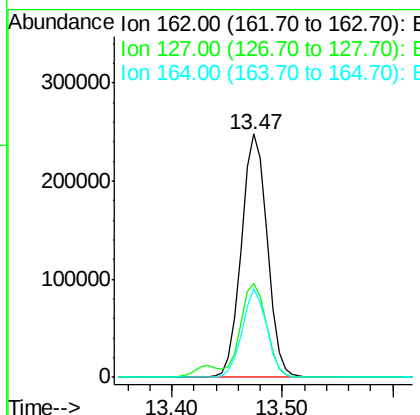
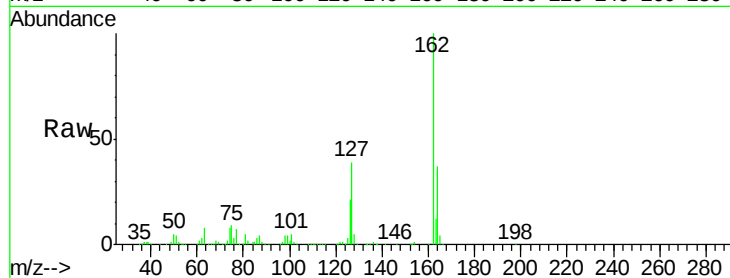
ClientSampleId :

PB129160BS

Tgt Ion:	162	Resp:	409851
Ion Ratio		Lower	Upper
162	100		
127	38.7	31.6	47.4
164	36.7	28.1	42.1

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#48

2-Nitroaniline

Concen: 41.65 ng

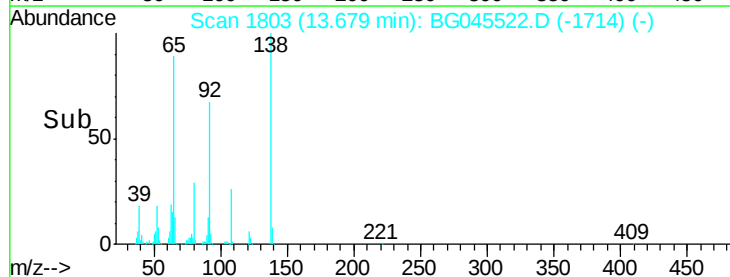
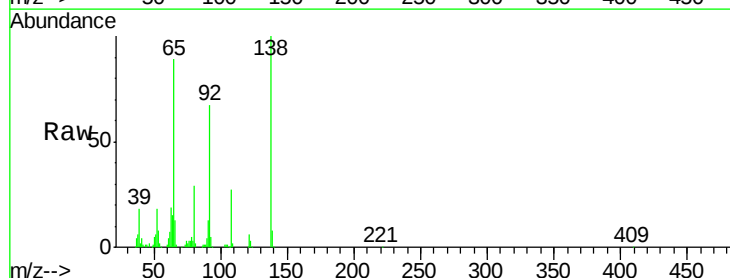
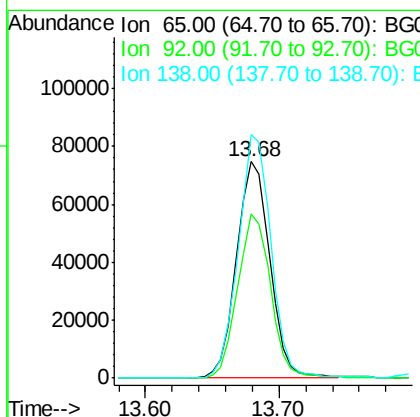
RT: 13.68 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion:	65	Resp:	129633
Ion Ratio		Lower	Upper
65	100		
92	75.7	53.8	80.8
138	112.4	77.9	116.9





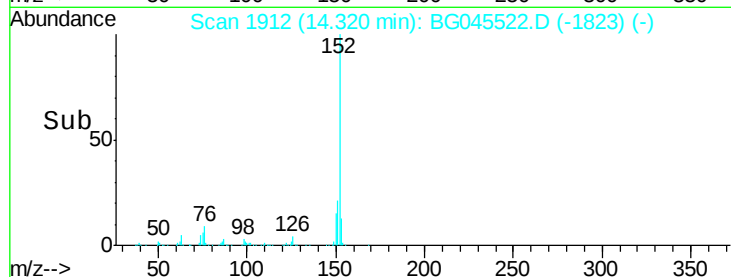
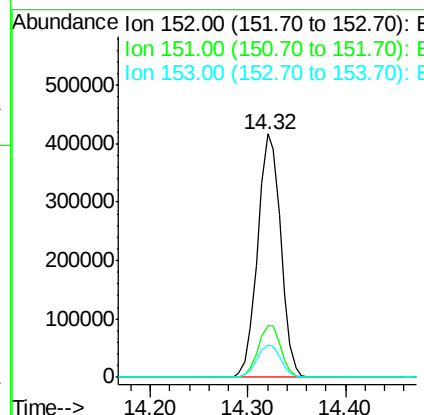
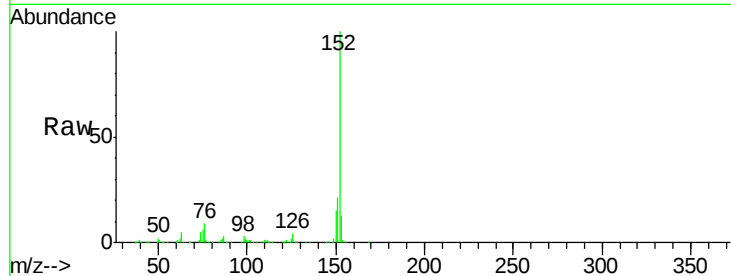
#49
Acenaphthylene
Concen: 45.24 ng
RT: 14.32 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	687502		
151	21.3		17.4	26.2
153	13.4		10.7	16.1

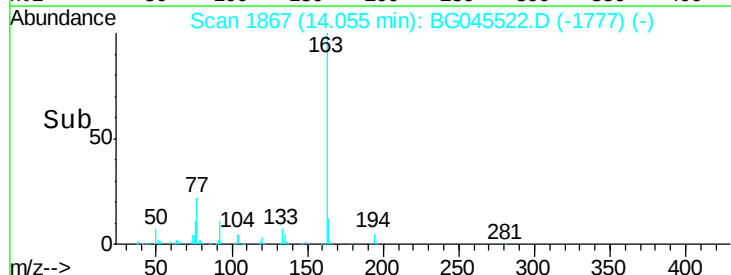
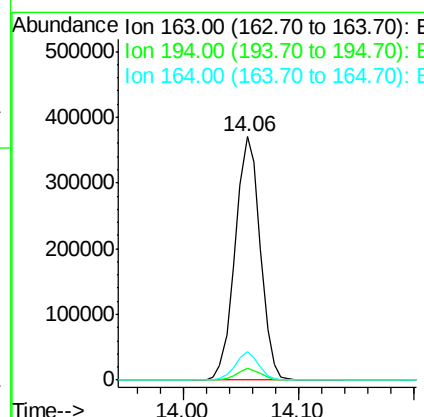
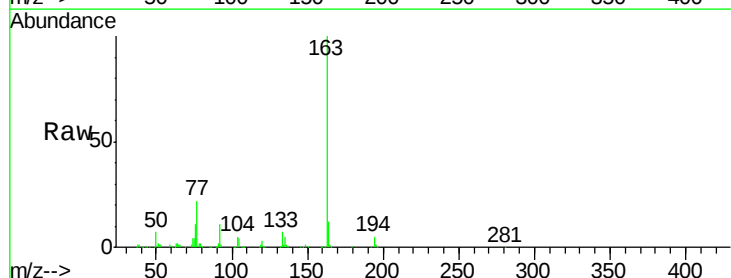
Manual Integrations
APPROVED

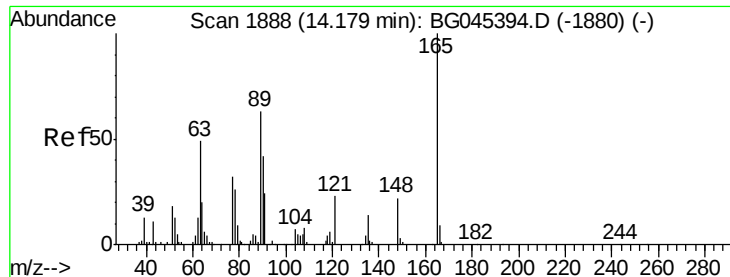
mohammad
6/1/2020 12:22:43 PM



#50
Dimethylphthalate
Concen: 42.69 ng
RT: 14.06 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	555326		
194	4.7		3.2	4.8
164	11.7		8.3	12.5





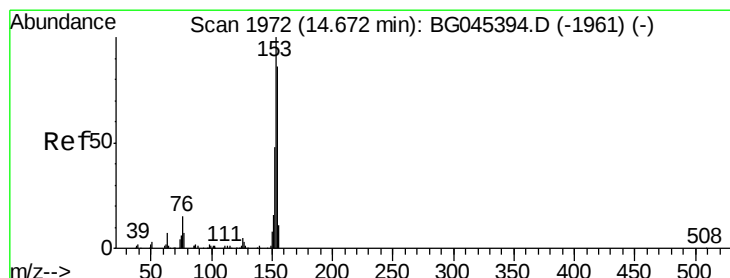
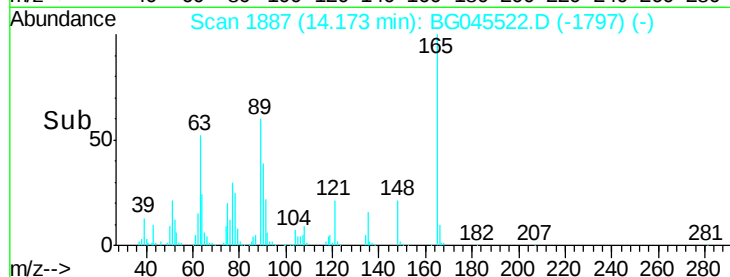
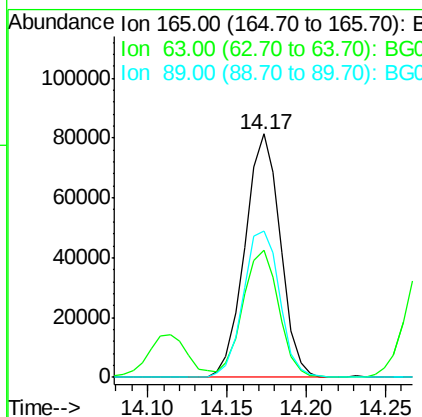
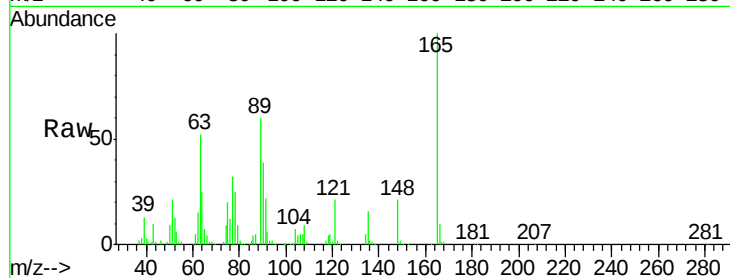
#51
 2,6-Dinitrotoluene
 Concen: 43.10 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	126505		
63	52.3	45.0	67.4	
89	60.2	50.2	75.4	

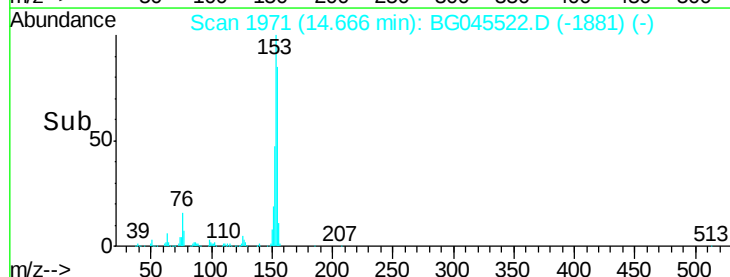
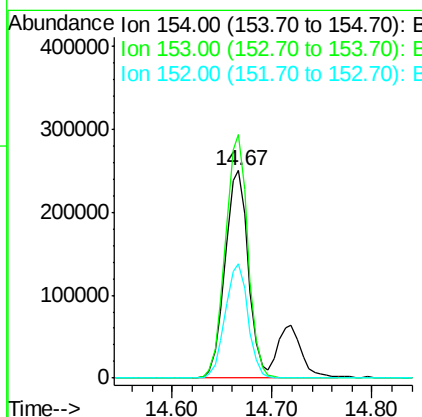
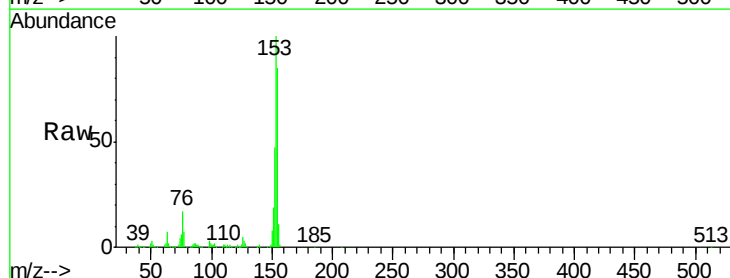
Manual Integrations
 APPROVED

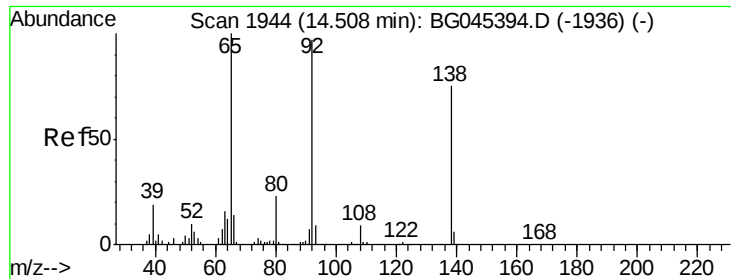
mohammad
 6/1/2020 12:22:43 PM



#52
 Acenaphthene
 Concen: 49.94 ng m
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	507988		
153	117.4	92.8	139.2	
152	55.4	44.6	66.8	





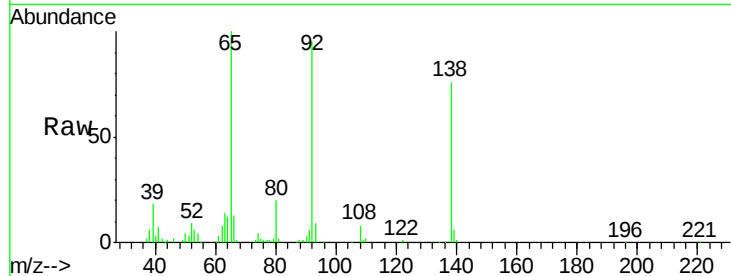
#53
3-Nitroaniline
Concen: 24.03 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

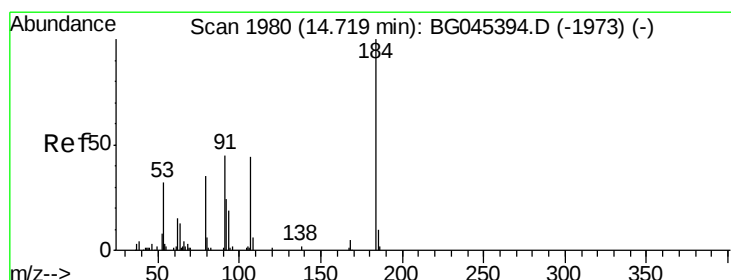
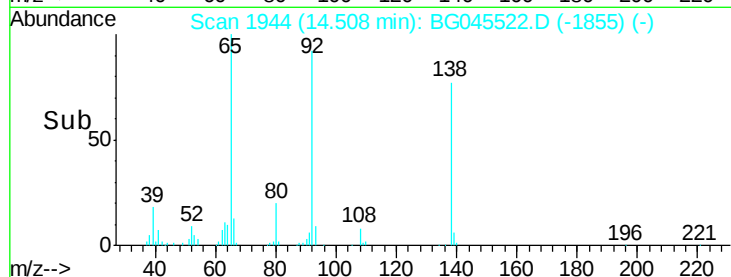
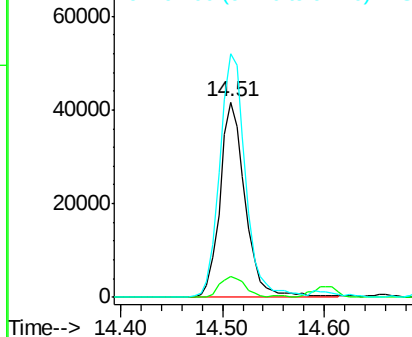
Tgt Ion:138 Resp: 71697
Ion Ratio Lower Upper
138 100
108 10.7 9.8 14.6
92 124.7 103.0 154.4

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM

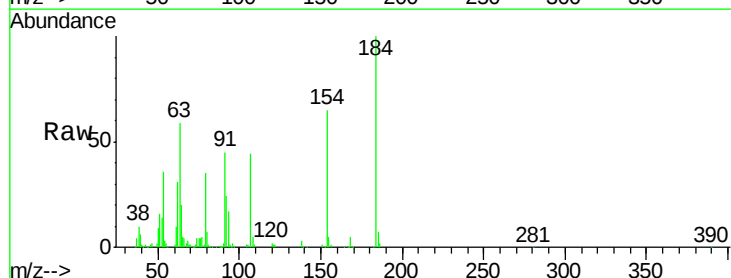


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

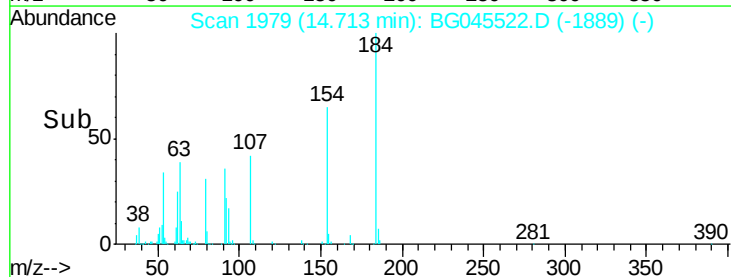
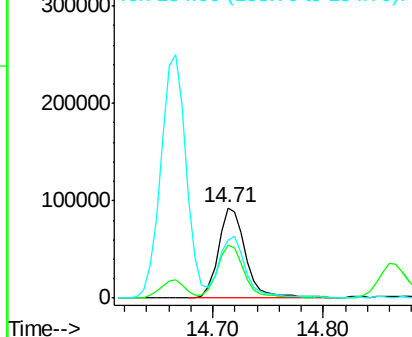


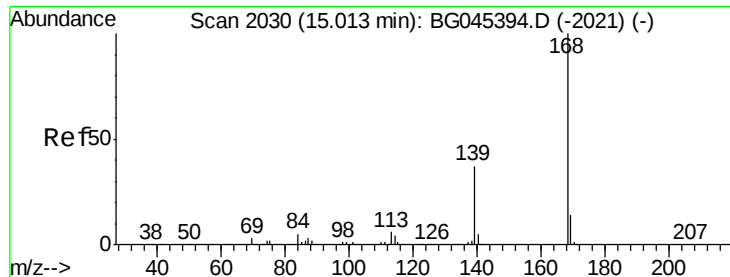
#54
2,4-Dinitrophenol
Concen: 83.33 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion:184 Resp: 160694
Ion Ratio Lower Upper
184 100
63 58.8 47.8 71.6
154 64.9 58.3 87.5



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





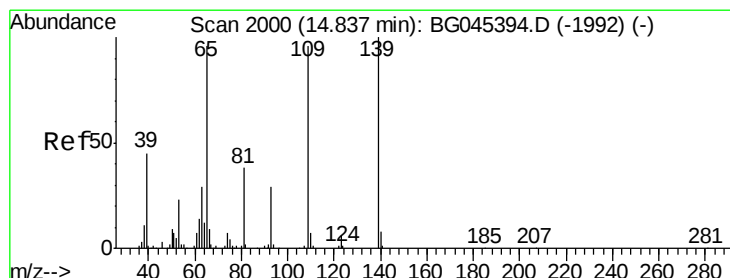
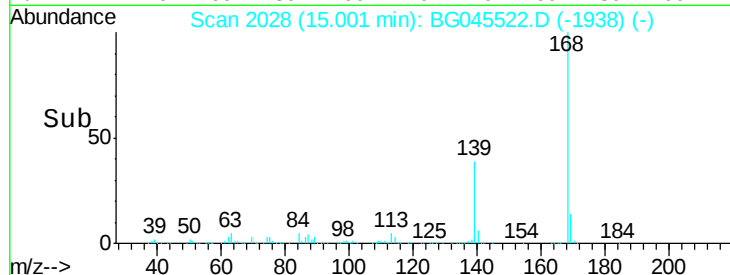
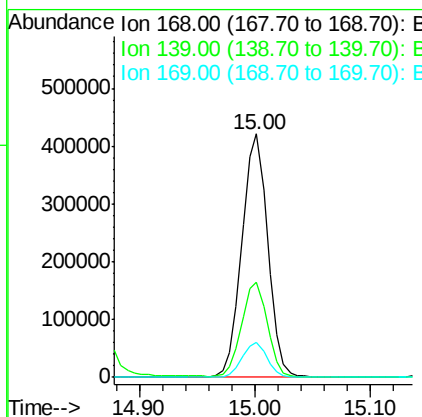
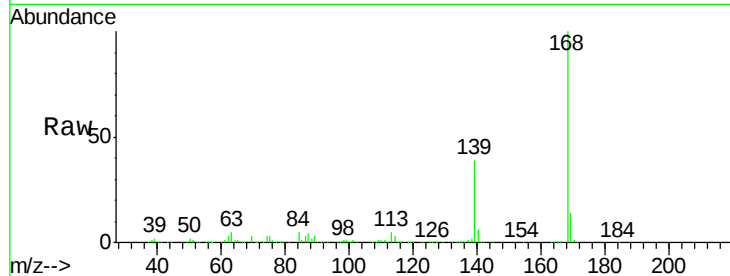
#55
Dibenzofuran
Concen: 43.42 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	655862		
139	39.0	29.9	44.9	
169	14.2	10.9	16.3	

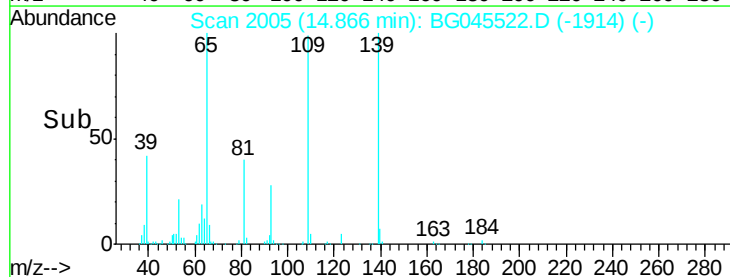
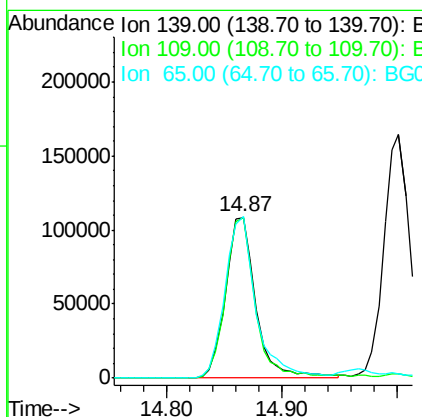
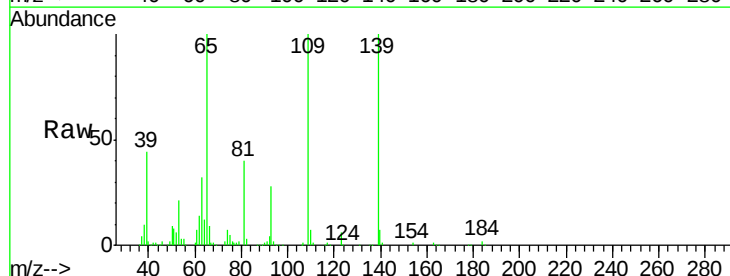
Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#56
4-Nitrophenol
Concen: 87.25 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	197100		
109	99.9	75.6	115.6	
65	100.2	76.8	116.8	





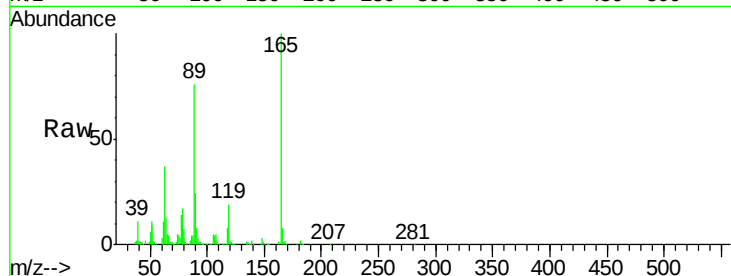
#57
2,4-Dinitrotoluene
Concen: 43.33 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	184191		
63	36.5	32.5	48.7	
89	76.0	61.8	92.6	
182	2.4	2.3	3.5	

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM

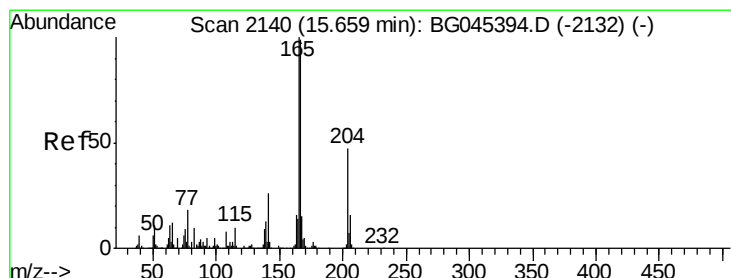
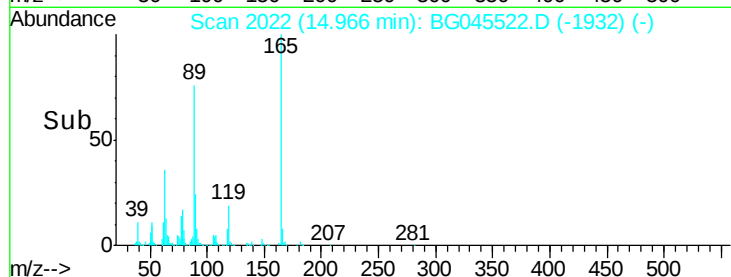
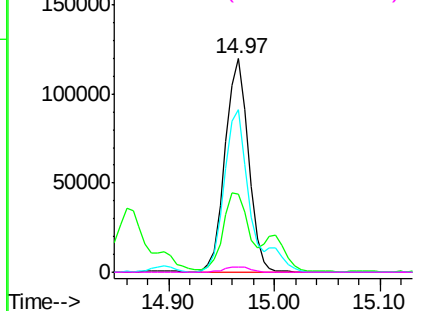


Abundance Ion 165.00 (164.70 to 165.70): E

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



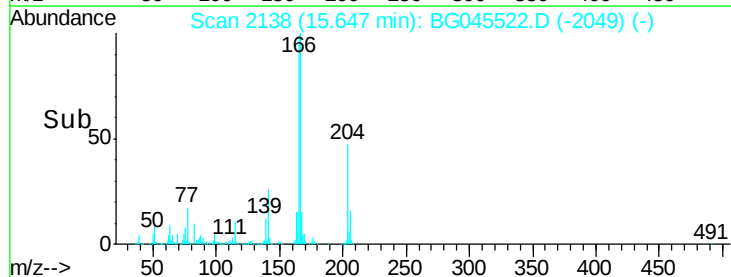
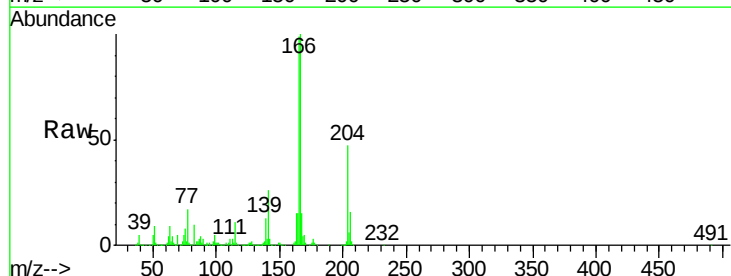
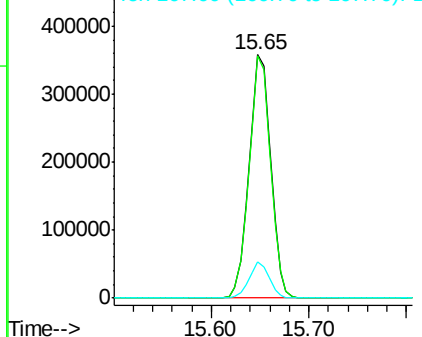
#58
Fluorene
Concen: 44.66 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

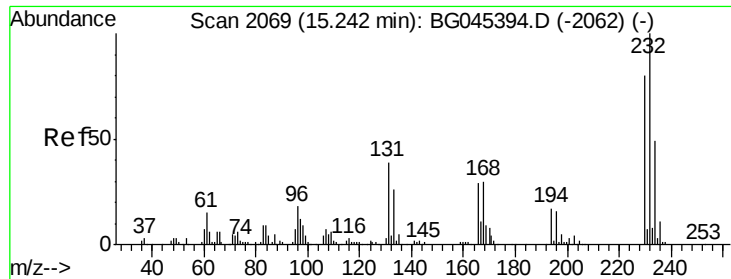
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	554301		
165	99.3	80.8	121.2	
167	14.8	12.0	18.0	

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





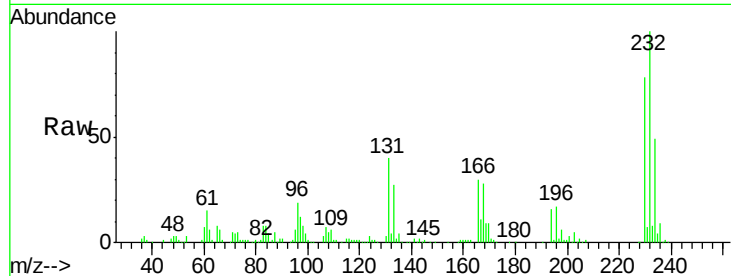
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.55 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

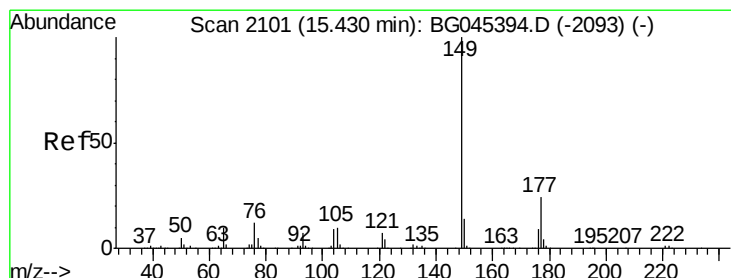
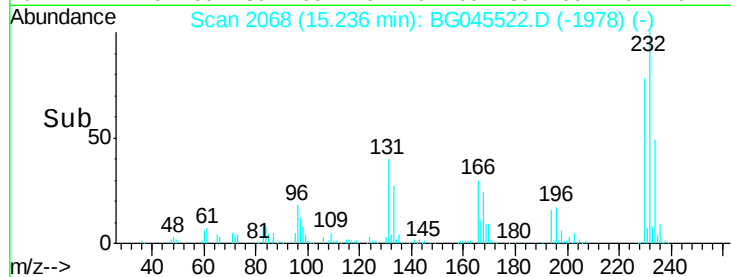
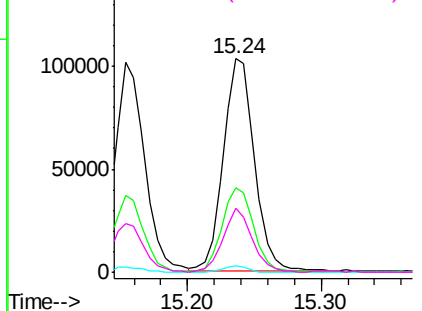
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	168464		
131	40.1	33.7	50.5	
130	2.5	2.1	3.1	
166	27.7	23.2	34.8	

Manual Integrations
 APPROVED

mohammad
 6/1/2020 12:22:43 PM

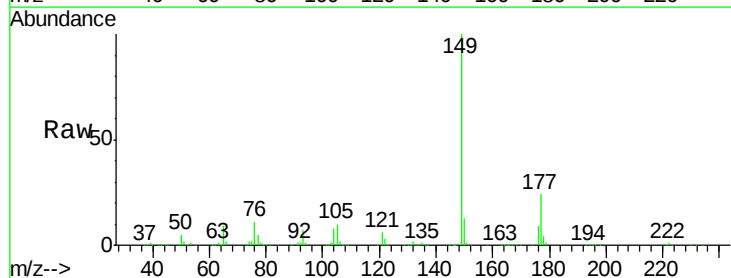


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

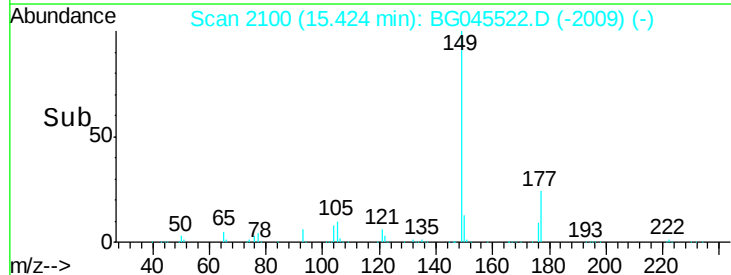
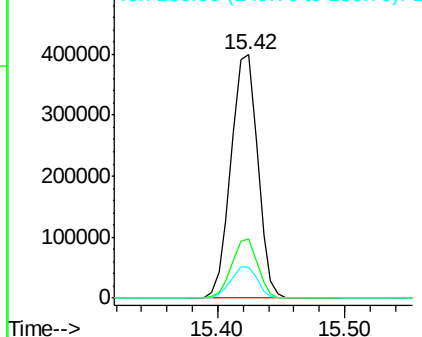


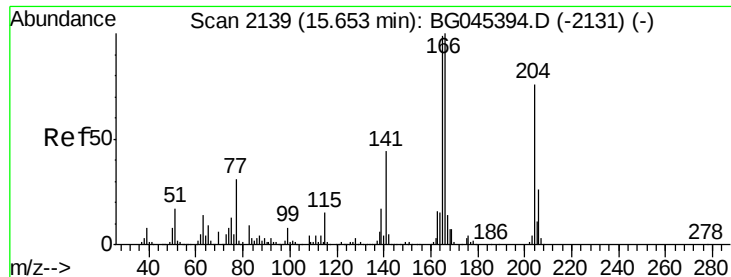
#60
 Diethylphthalate
 Concen: 42.84 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	579943		
177	24.2	19.0	28.4	
150	12.8	11.4	17.0	



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





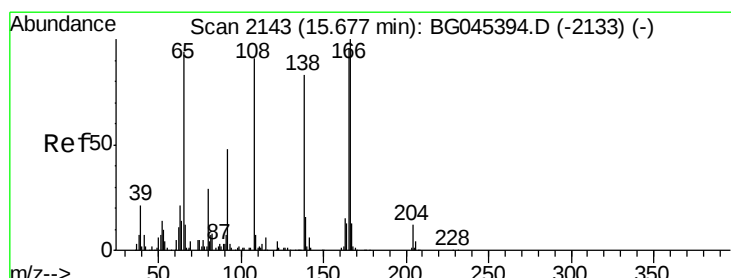
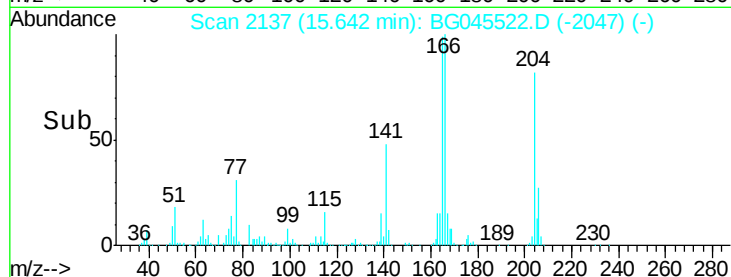
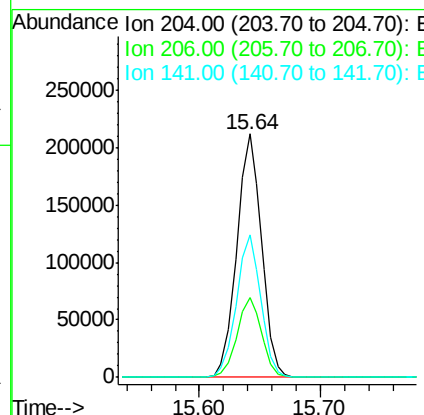
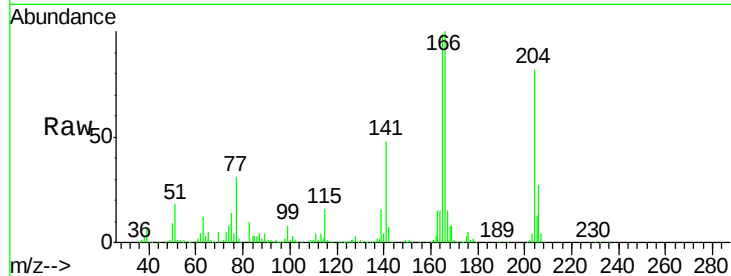
#61
 4-Chlorophenyl-phenylether
 Concen: 42.53 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	302064		
206	32.7	27.3	40.9	
141	58.4	45.9	68.9	

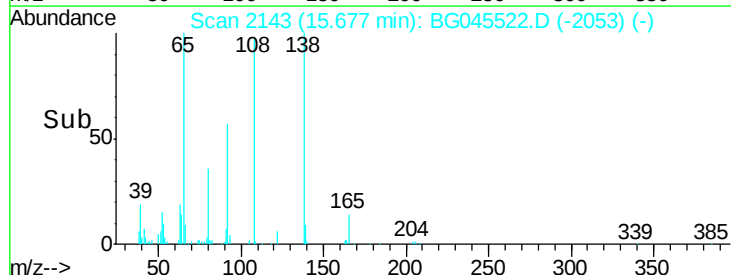
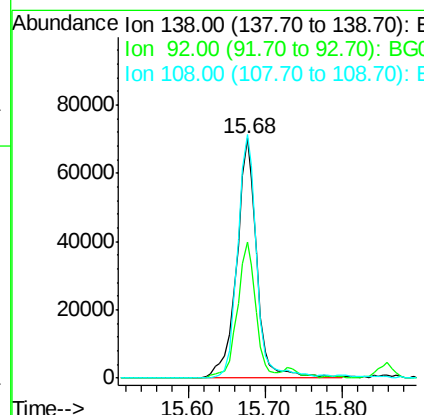
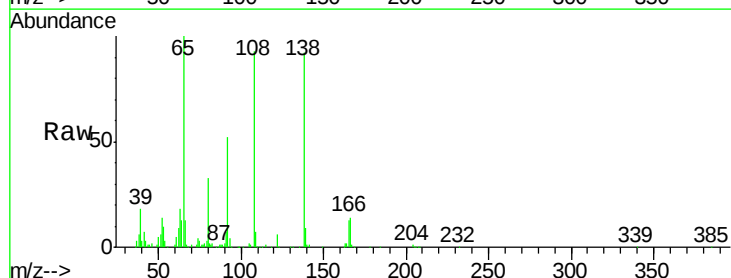
Manual Integrations
 APPROVED

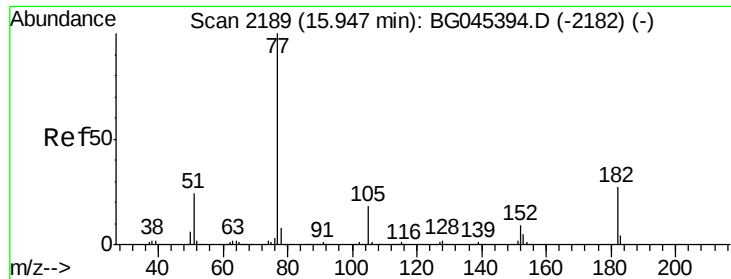
mohammad
 6/1/2020 12:22:43 PM



#62
 4-Nitroaniline
 Concen: 41.34 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	128760		
92	57.0	38.0	78.0	
108	101.6	89.3	129.3	





#63

Azobenzene

Concen: 43.66 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

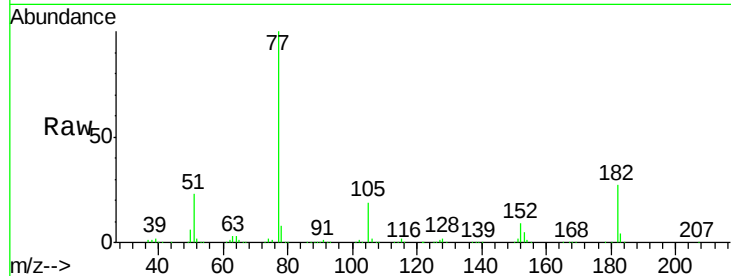
ClientSampleId :

PB129160BS

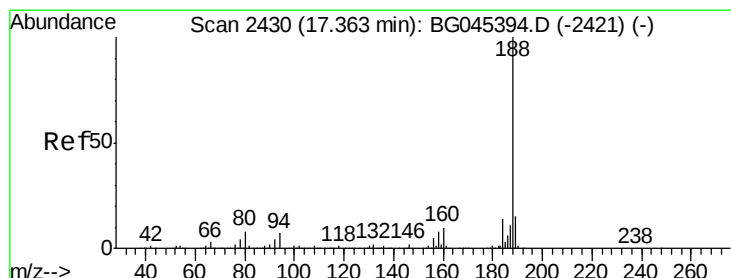
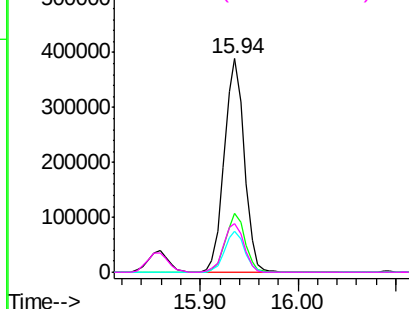
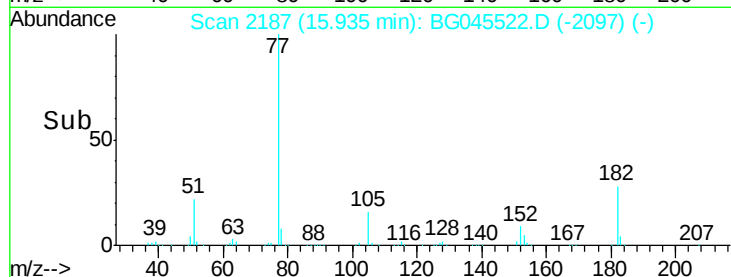
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	551175		
182	27.3	6.5	46.5	
105	19.3	0.0	37.9	
51	22.9	4.1	44.1	

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 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: 20.00 ng

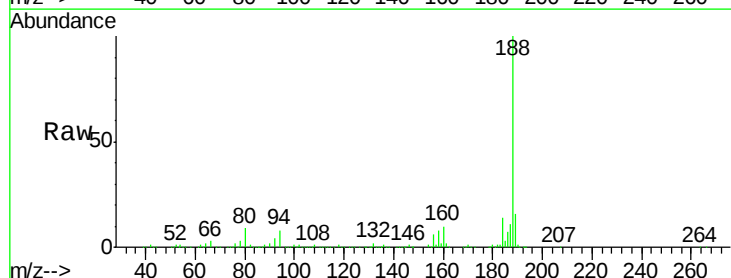
RT: 17.35 min Scan# 2428

Delta R.T. 0.00 min

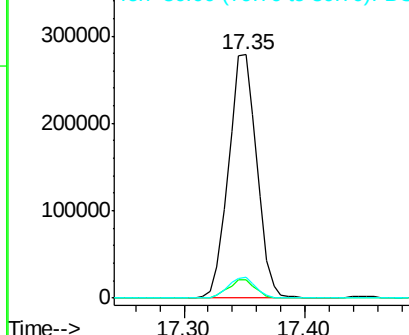
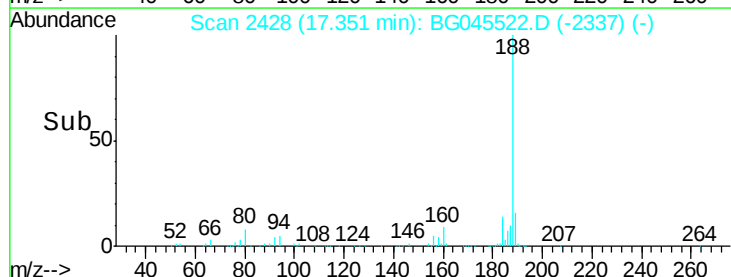
Lab File: BG045522.D

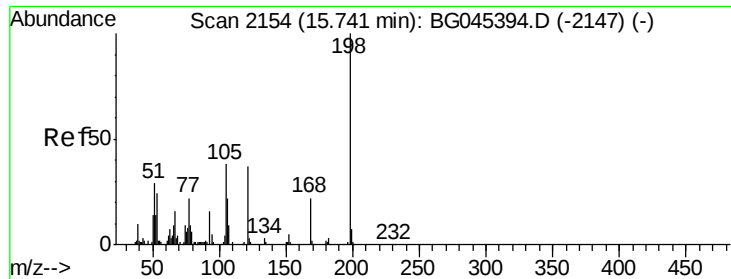
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	454123		
94	7.5	5.5	8.3	
80	8.7	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





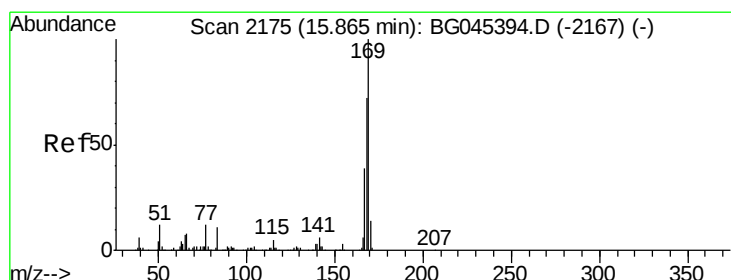
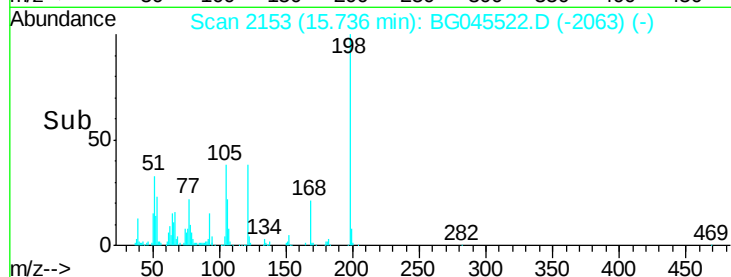
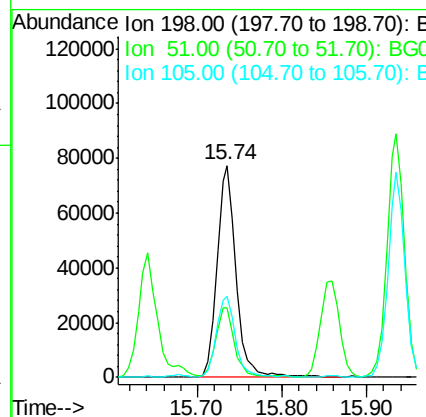
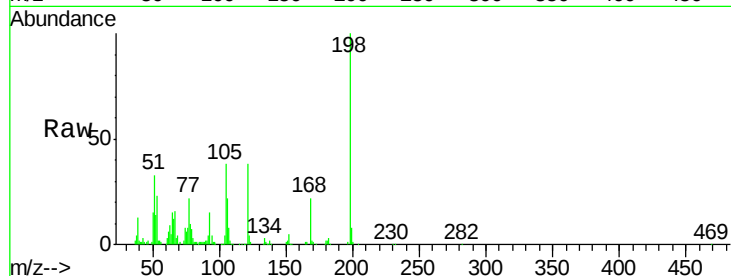
#65
4,6-Dinitro-2-methylphenol
Concen: 46.77 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	123698		
51	33.1	10.0	50.0	
105	38.1	18.9	58.9	

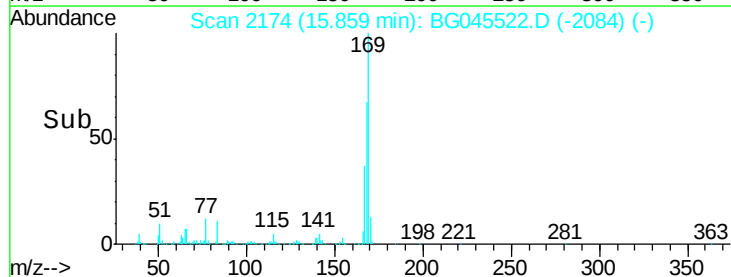
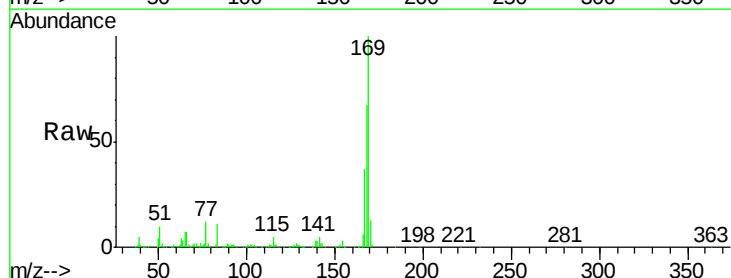
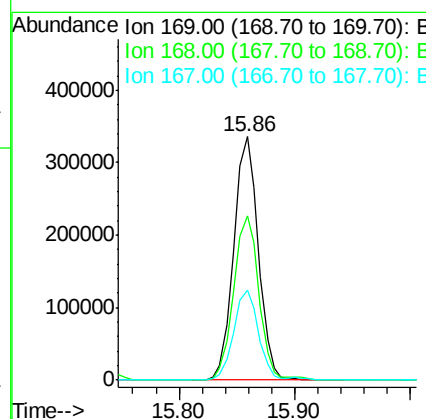
Manual Integrations
APPROVED

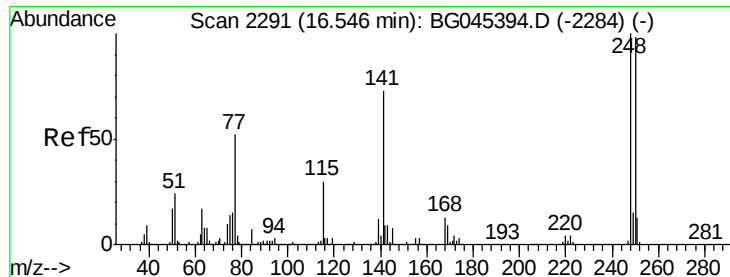
mohammad
6/1/2020 12:22:43 PM



#66
n-Nitrosodiphenylamine
Concen: 45.28 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	493737		
168	67.3	57.8	86.6	
167	37.0	31.5	47.3	





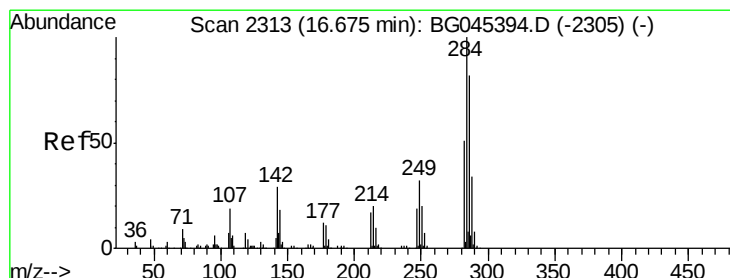
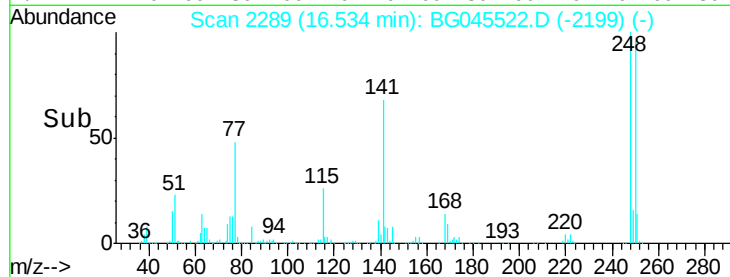
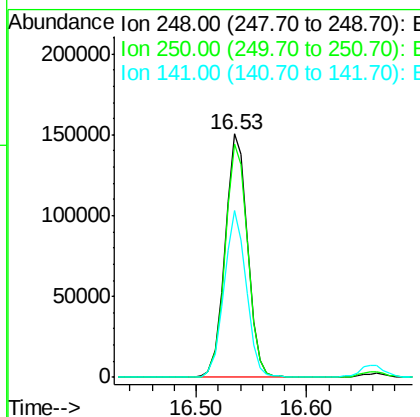
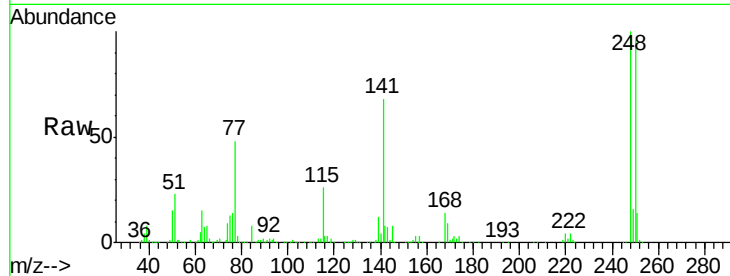
#67
4-Bromophenyl-phenylether
Concen: 43.60 ng
RT: 16.53 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.6	117.8
141	68.3	58.2	87.2

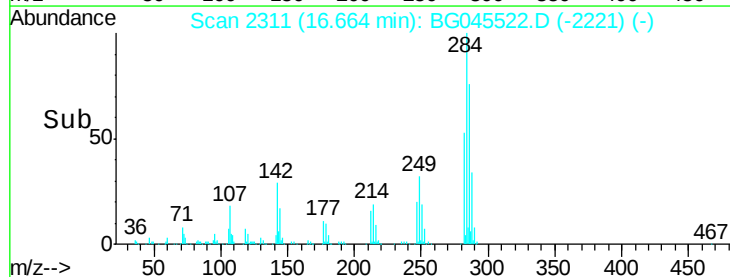
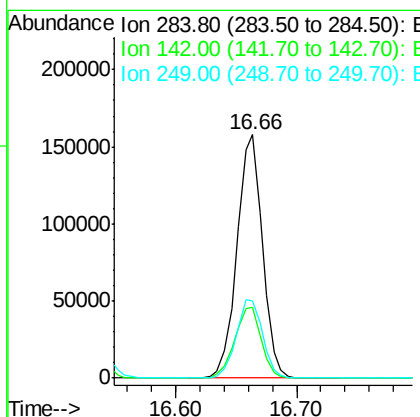
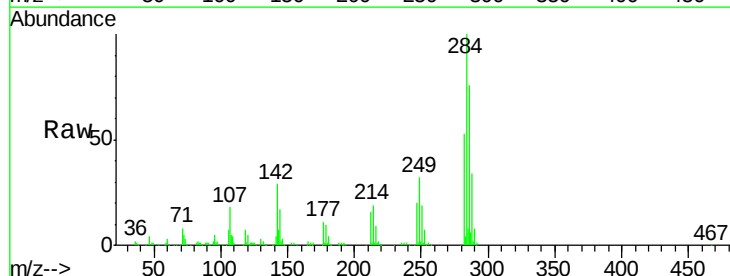
Manual Integrations
APPROVED

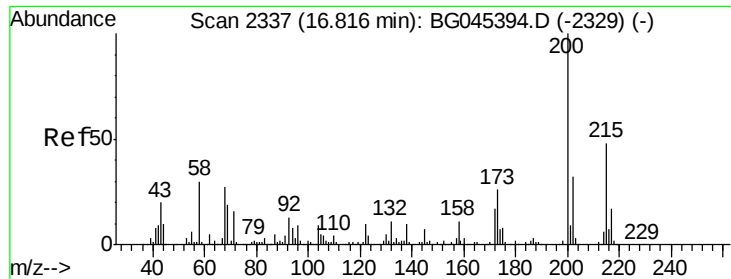
mohammad
6/1/2020 12:22:43 PM



#68
Hexachlorobenzene
Concen: 45.12 ng
RT: 16.66 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	23.0	34.6
249	31.9	25.8	38.6





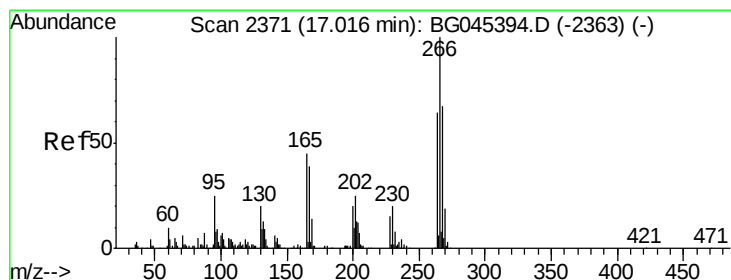
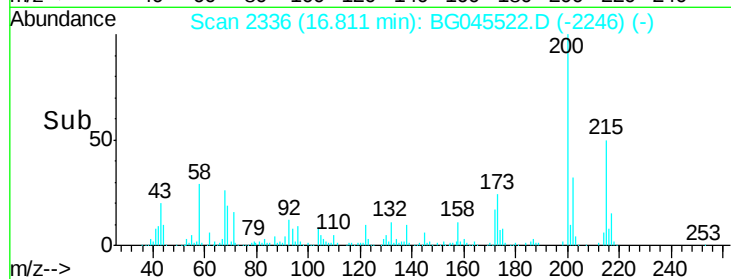
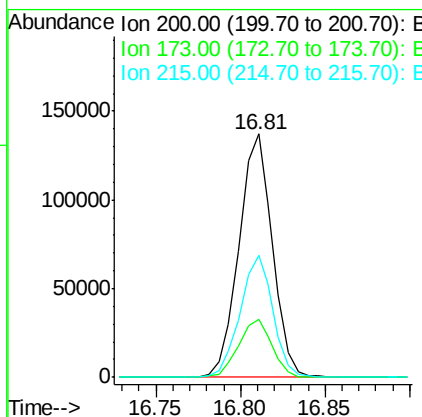
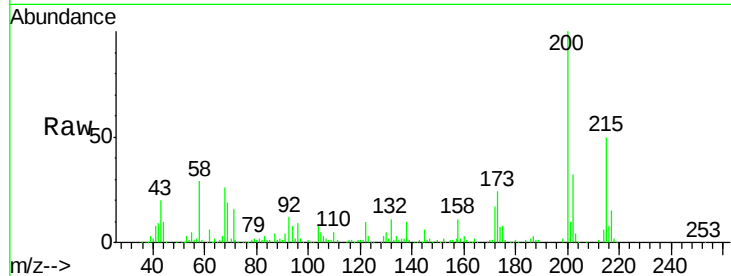
#69
Atrazine
Concen: 41.99 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

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

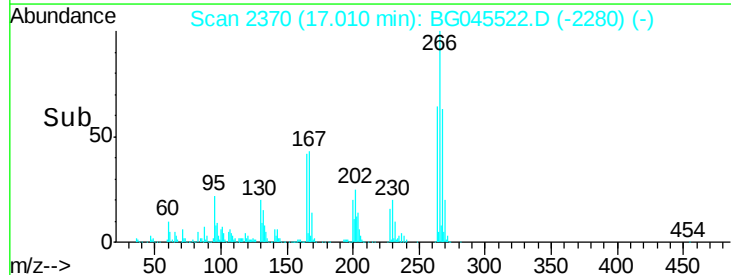
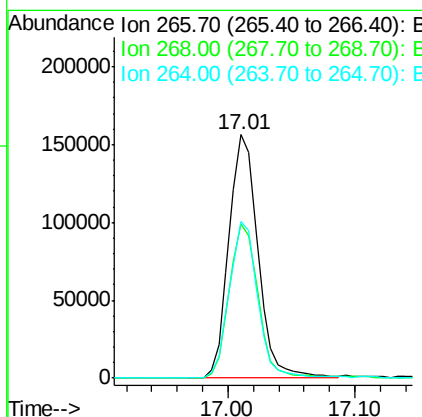
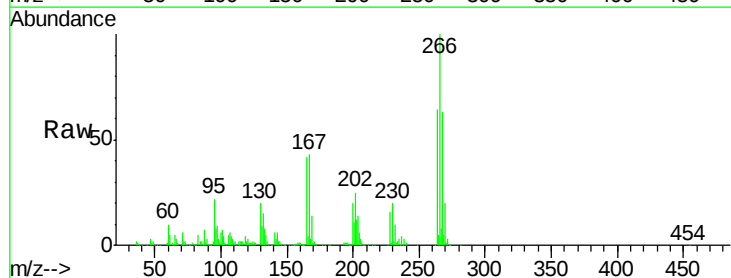
Manual Integrations
APPROVED

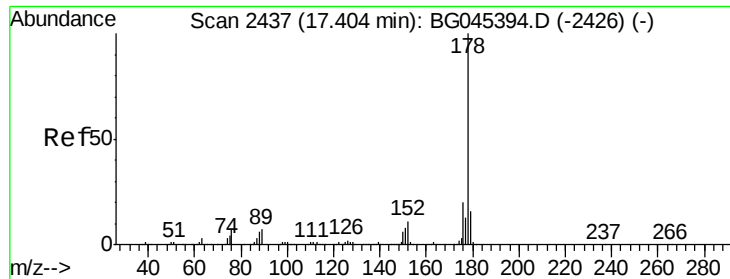
mohammad
6/1/2020 12:22:43 PM



#70
Pentachlorophenol
Concen: 93.06 ng
RT: 17.01 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	53.2	79.8
264	64.3	51.0	76.4





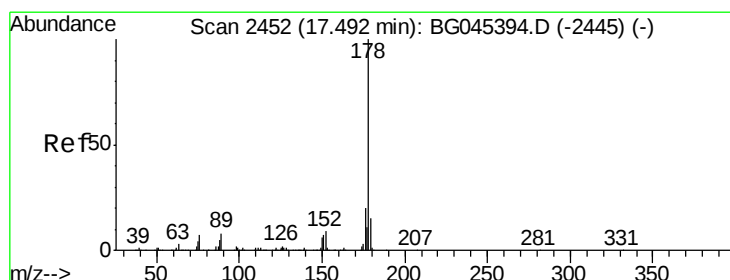
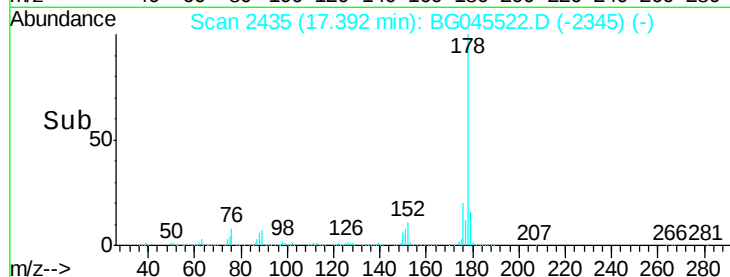
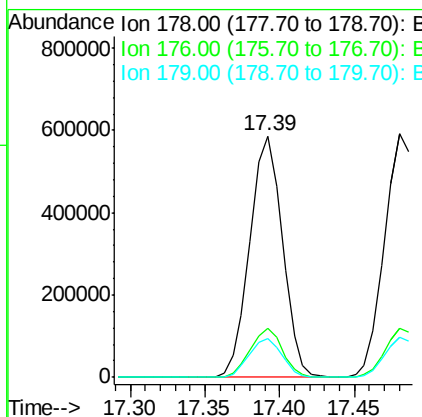
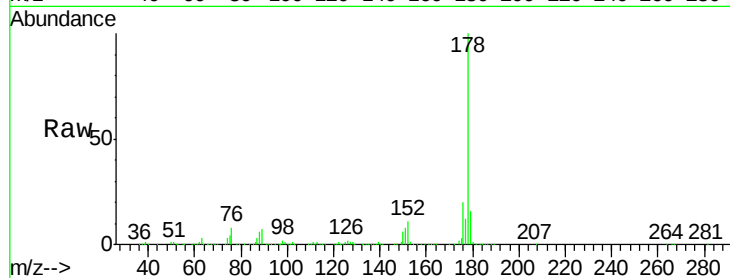
#71
Phenanthrene
Concen: 44.95 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

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

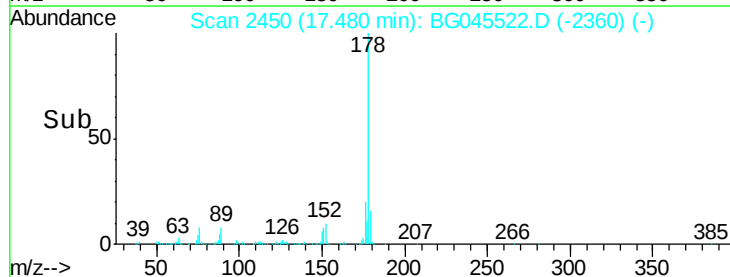
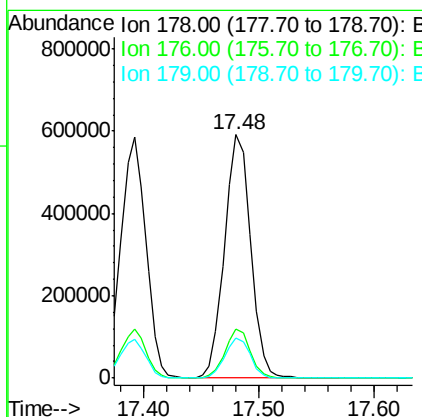
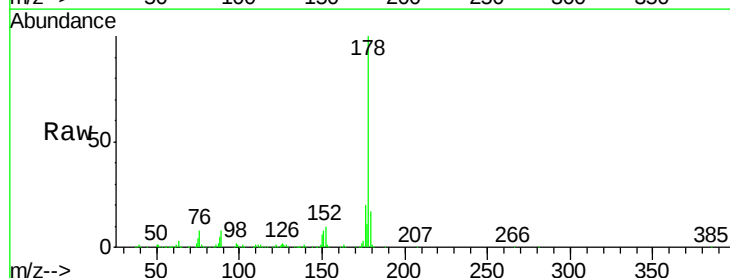
Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#72
Anthracene
Concen: 46.50 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.5	12.2	18.4





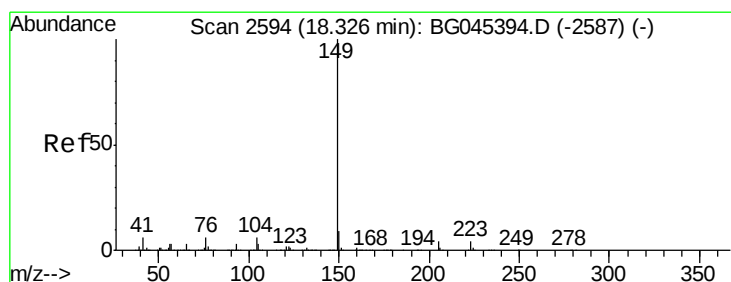
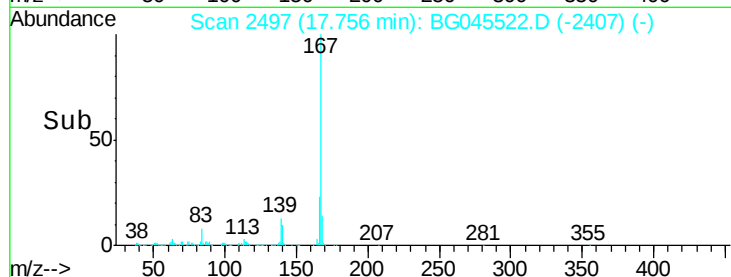
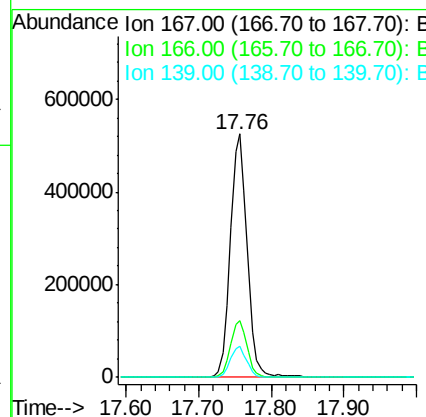
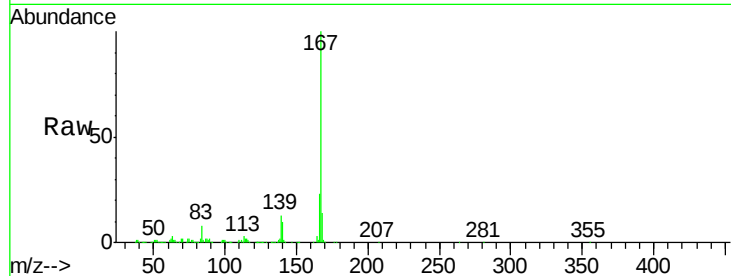
#73
 Carbazole
 Concen: 43.54 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	844883		
166	23.4	19.2	28.8	
139	12.7	10.6	16.0	

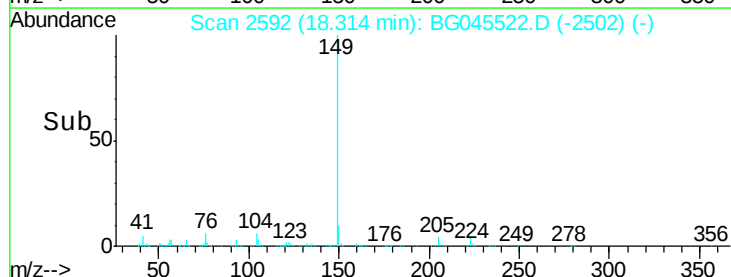
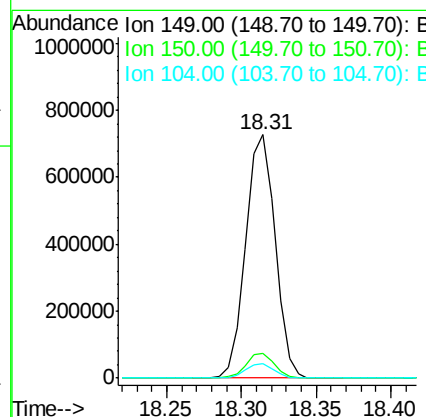
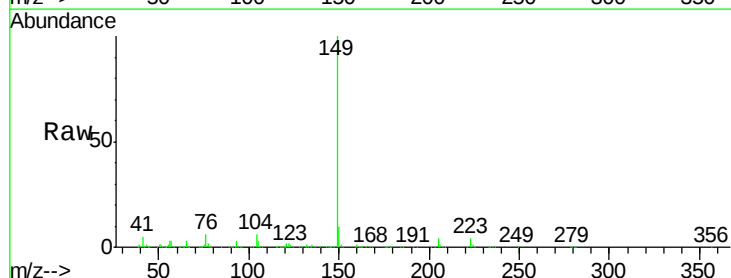
Manual Integrations
 APPROVED

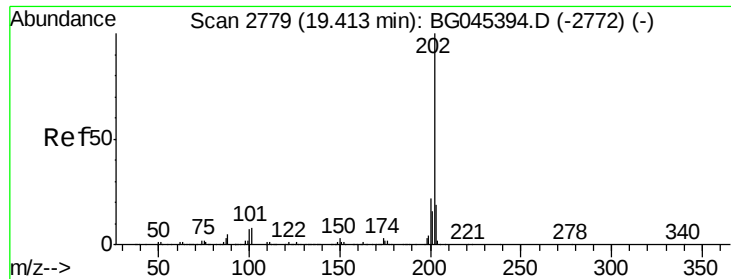
mohammad
 6/1/2020 12:22:43 PM



#74
 Di-n-butylphthalate
 Concen: 42.57 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	991653		
150	10.2	7.6	11.4	
104	6.2	5.0	7.4	





#75

Fluoranthene

Concen: 44.09 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

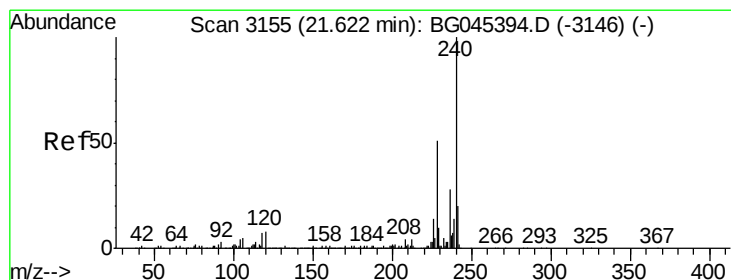
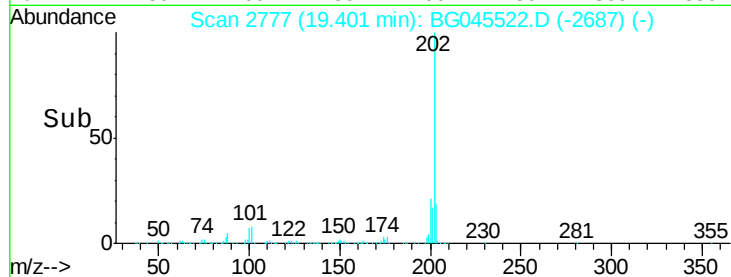
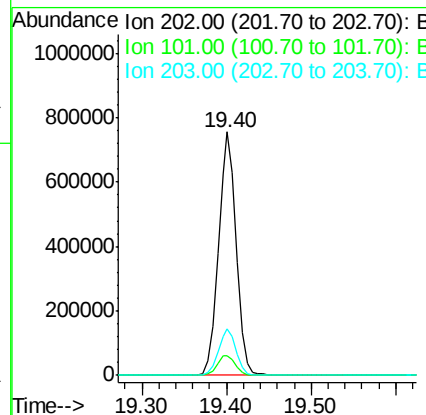
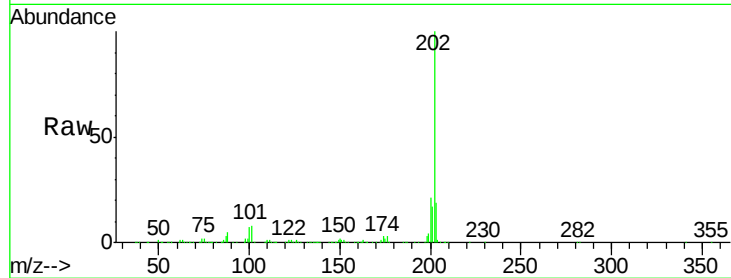
ClientSampleId :

PB129160BS

Tgt Ion:	202	Resp:	1111687
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.3
203	19.0	0.0	39.0

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#76

Chrysene-d12

Concen: 20.00 ng

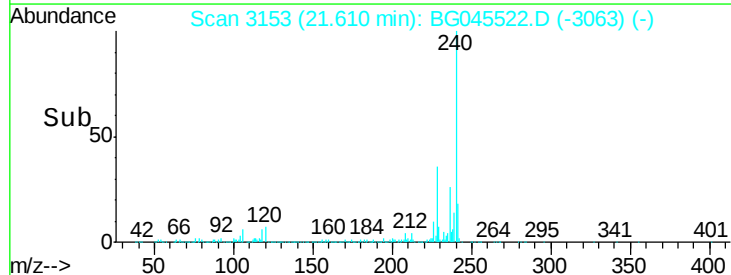
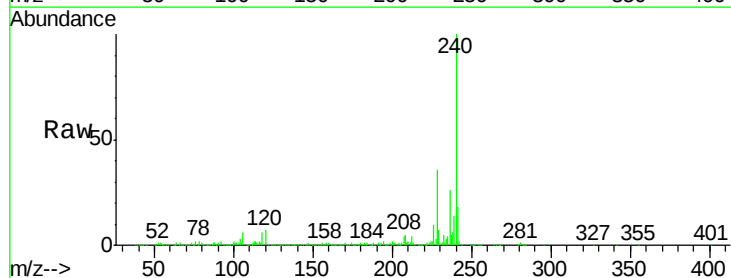
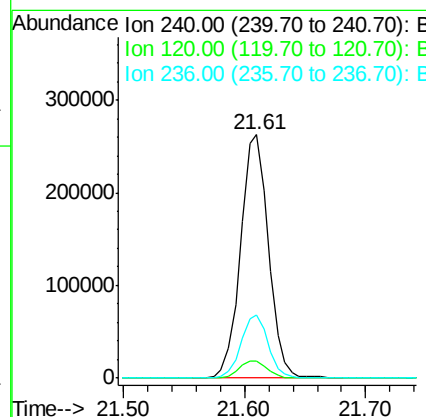
RT: 21.61 min Scan# 3153

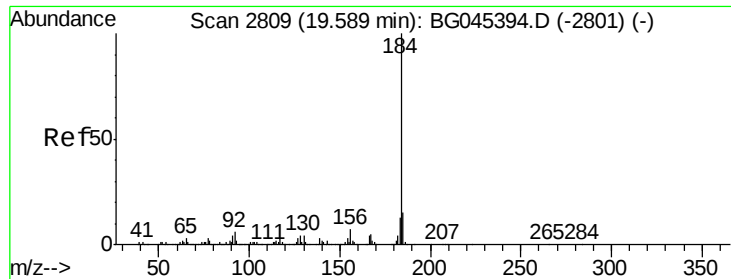
Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion:	240	Resp:	424031
Ion Ratio	Lower	Upper	
240	100		
120	7.0	6.1	9.1
236	25.8	22.3	33.5





#77

Benzidine

Concen: 44.16 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

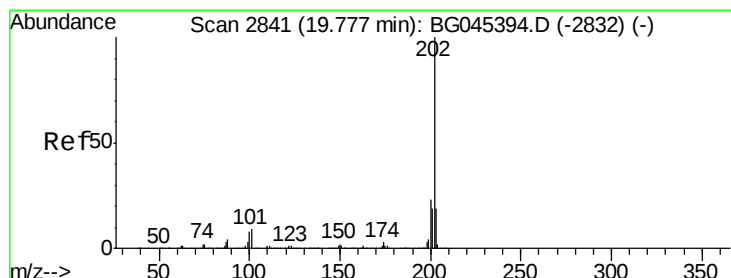
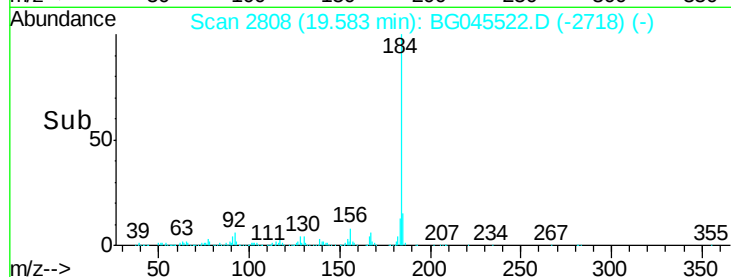
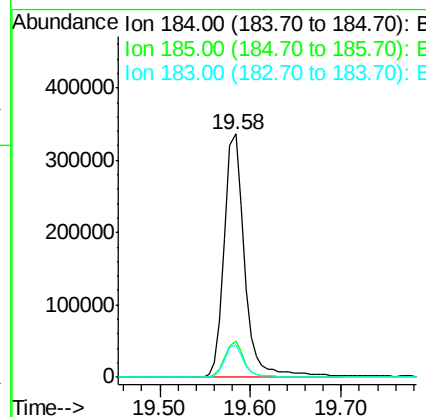
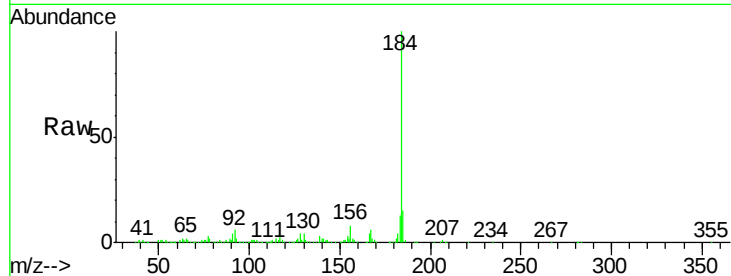
ClientSampleId :

PB129160BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	525932		
185	14.7		11.7	17.5
183	13.2		10.2	15.4

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#78

Pyrene

Concen: 45.61 ng

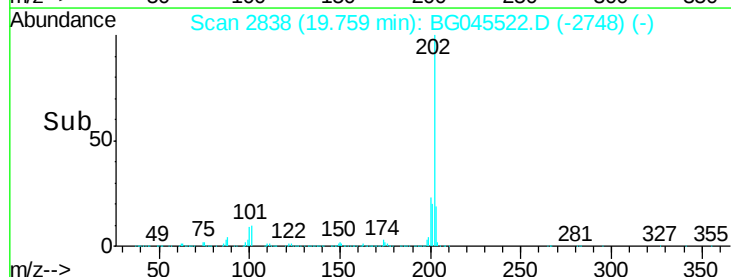
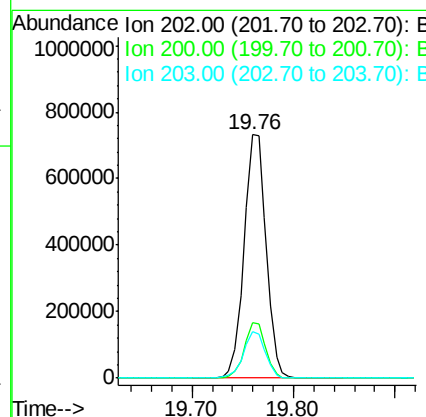
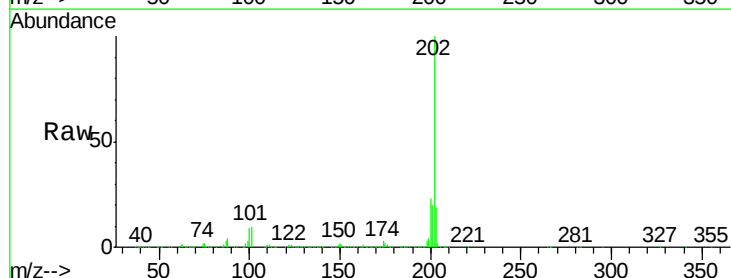
RT: 19.76 min Scan# 2838

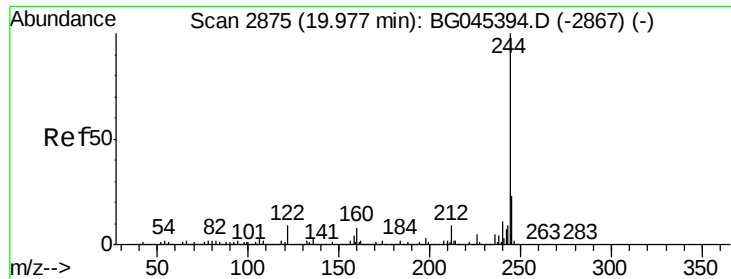
Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1102401		
200	23.0		18.2	27.2
203	19.2		15.1	22.7





#79

Terphenyl-d14

Concen: 90.10 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

Tgt Ion:244 Resp: 1638028

Ion Ratio Lower Upper

244 100

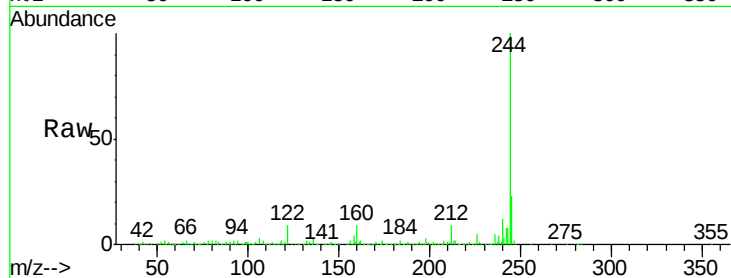
212 8.7 7.4 11.0

122 8.7 6.8 10.2

Manual Integrations
APPROVED

mohammad

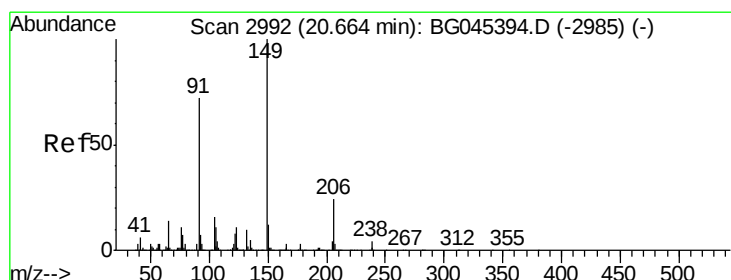
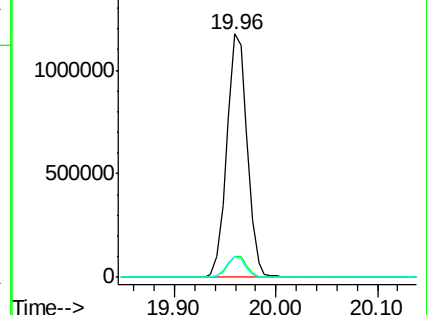
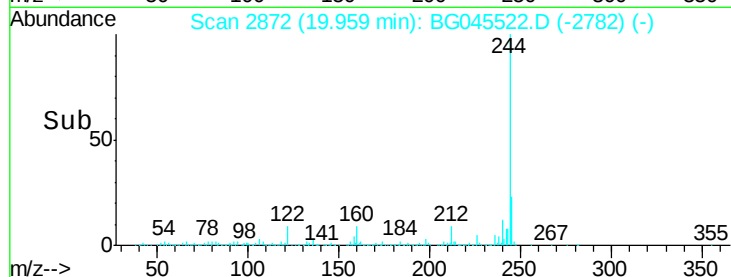
6/1/2020 12:22:43 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.25 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

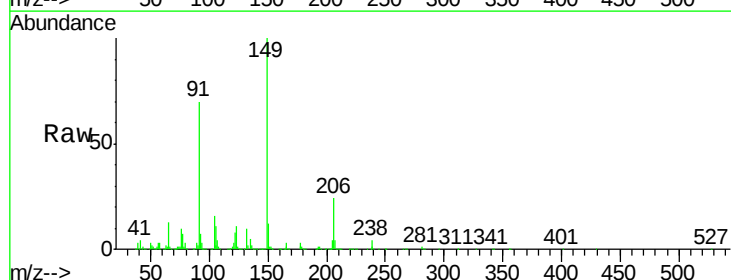
Tgt Ion:149 Resp: 451195

Ion Ratio Lower Upper

149 100

91 70.2 57.8 86.6

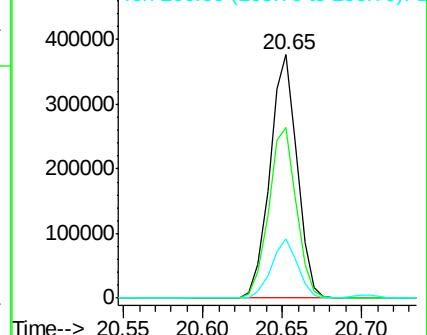
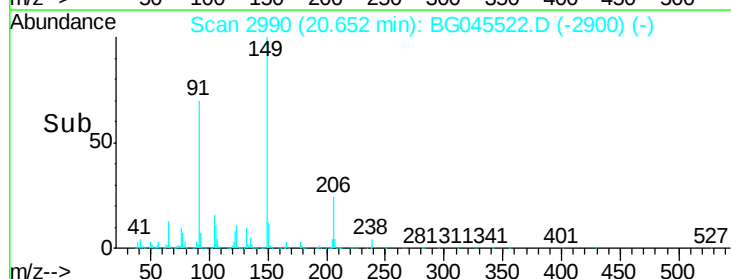
206 24.2 19.1 28.7

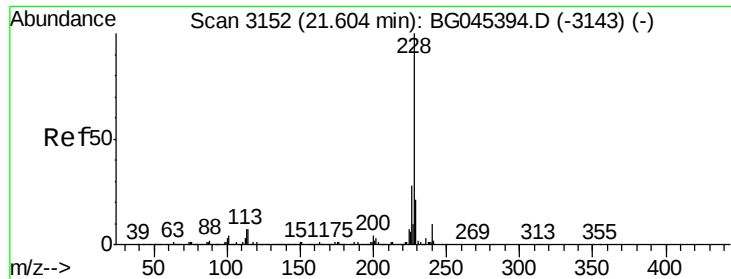


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.84 ng

RT: 21.59 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

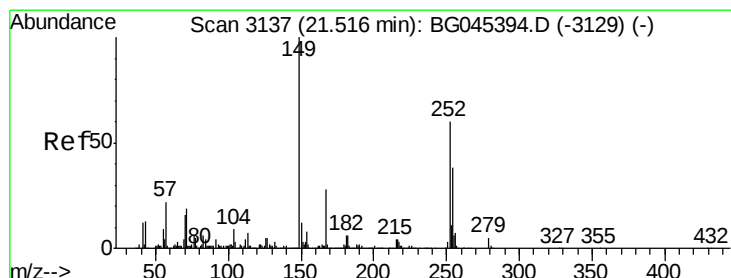
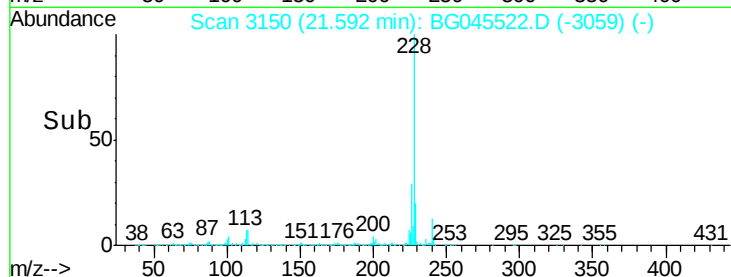
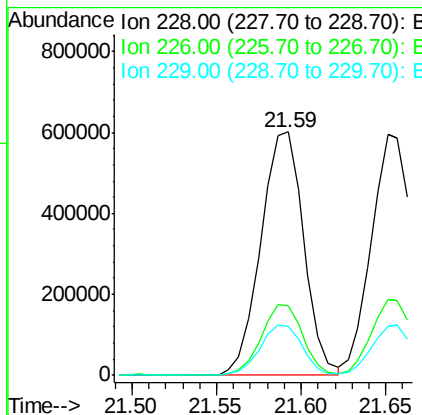
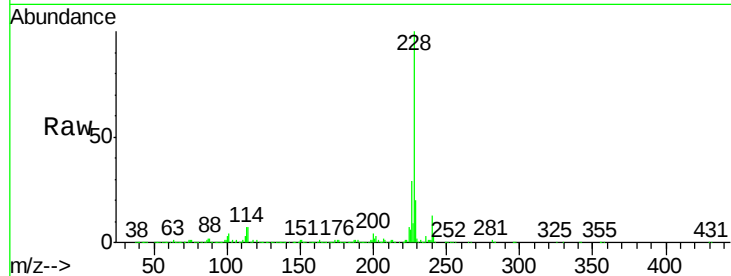
ClientSampleId :

PB129160BS

Tgt Ion:	228	Resp:	1059244
Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	20.2	16.7	25.1

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#82

3,3'-Dichlorobenzidine

Concen: 27.67 ng

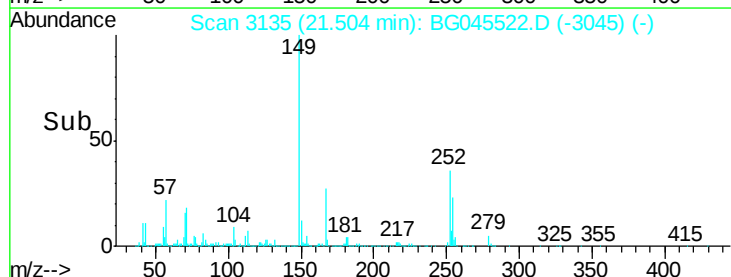
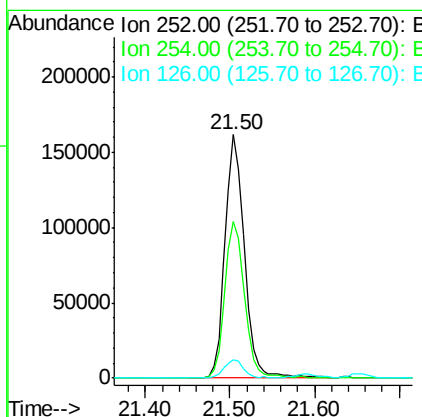
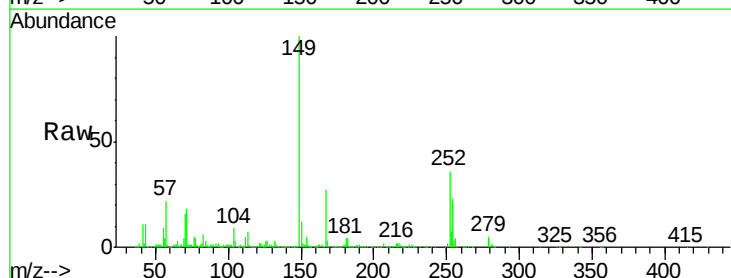
RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion:	252	Resp:	256379
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	7.3	6.6	10.0





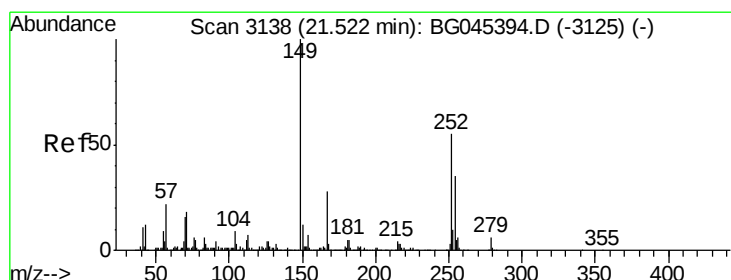
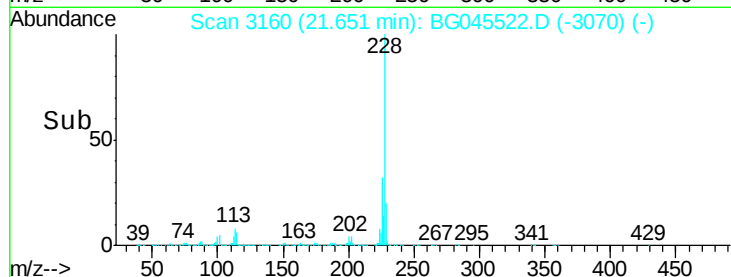
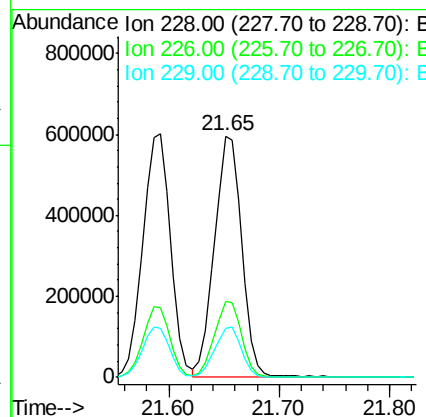
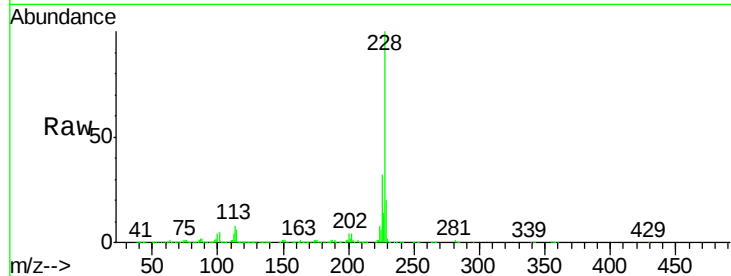
#83
 Chrysene
 Concen: 44.55 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.2	37.8
229	20.1	16.7	25.1

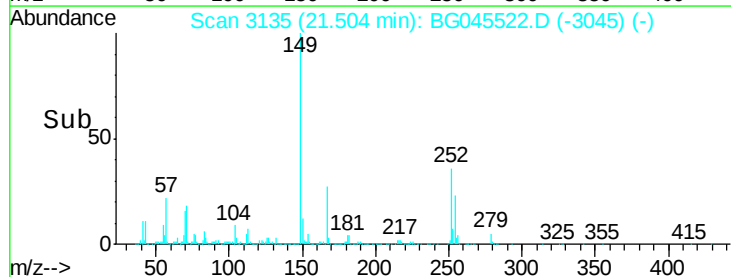
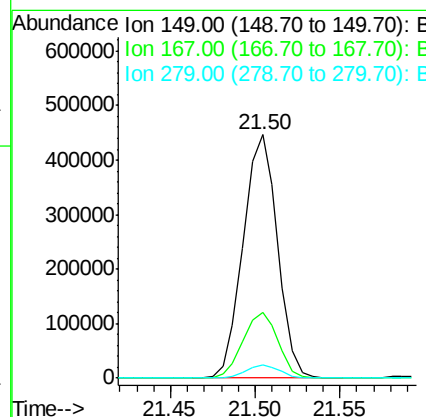
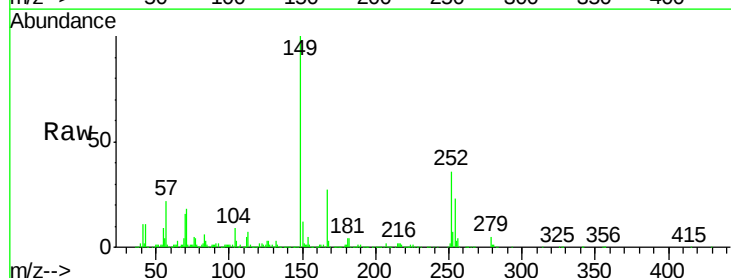
Manual Integrations
 APPROVED

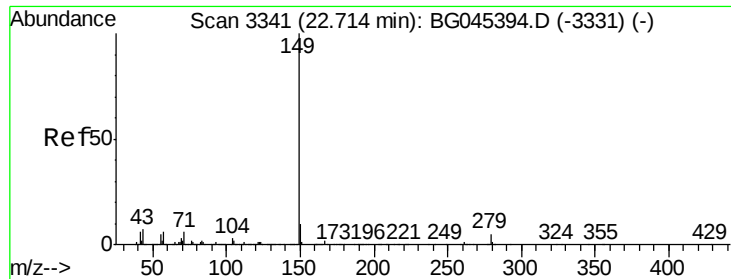
mohammad
 6/1/2020 12:22:43 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.98 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.2
279	5.5	4.7	7.1





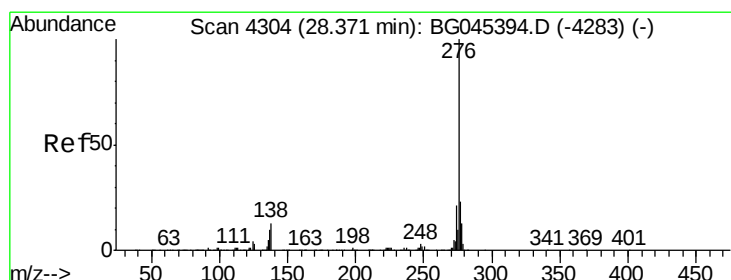
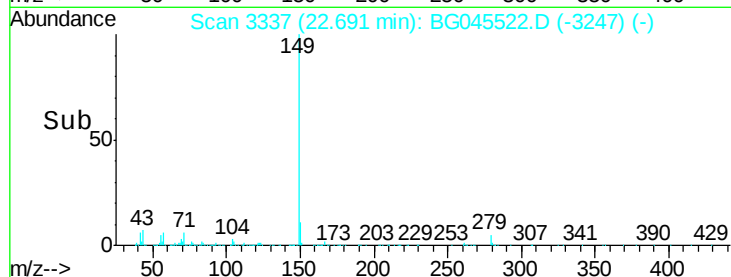
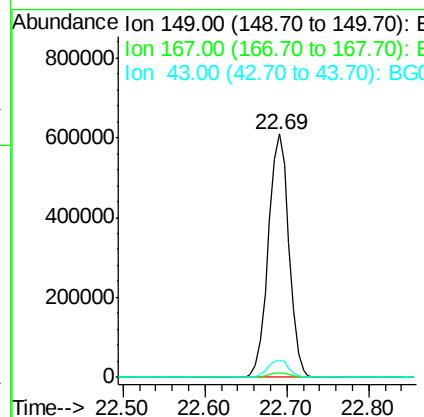
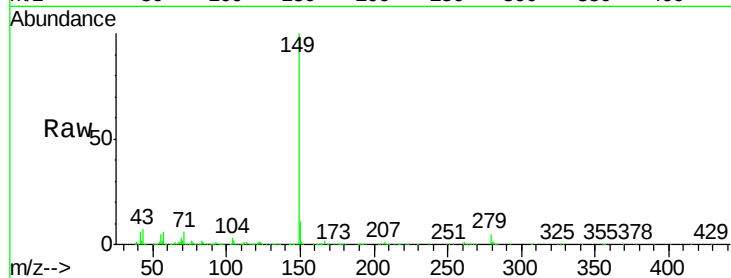
#85
Di-n-octyl phthalate
Concen: 43.23 ng
RT: 22.69 min Scan# 3337
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

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

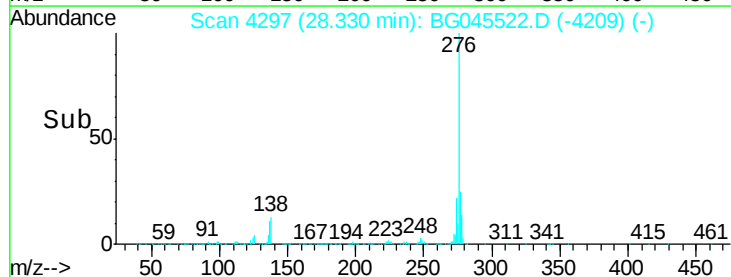
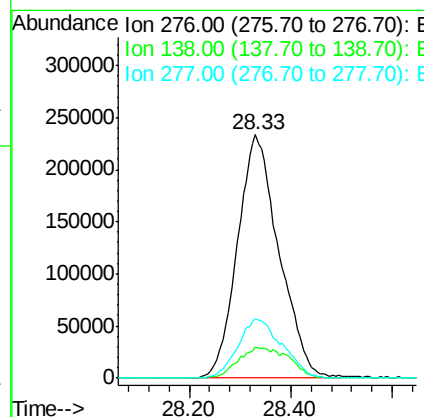
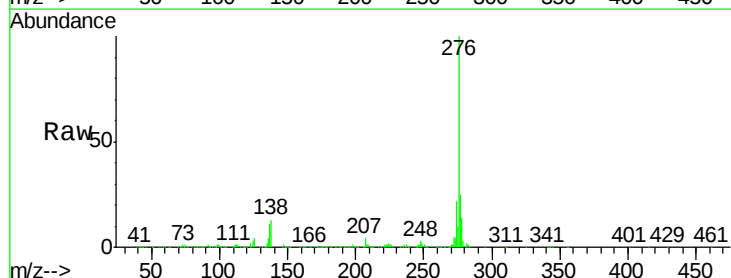
Manual Integrations
APPROVED

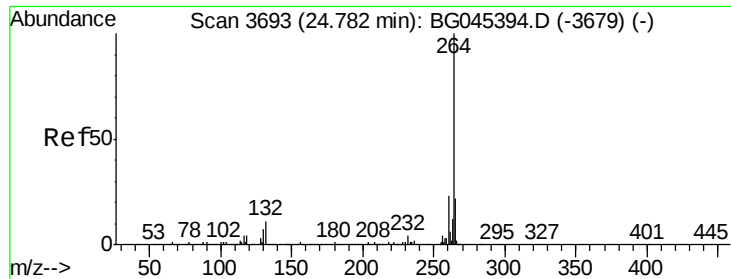
mohammad
6/1/2020 12:22:43 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.53 ng
RT: 28.33 min Scan# 4297
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	8.6	12.8#
277	25.7	20.2	30.4





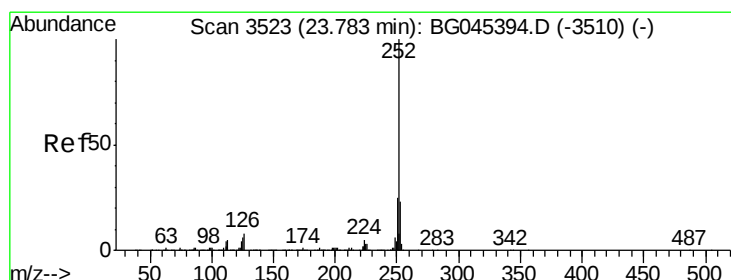
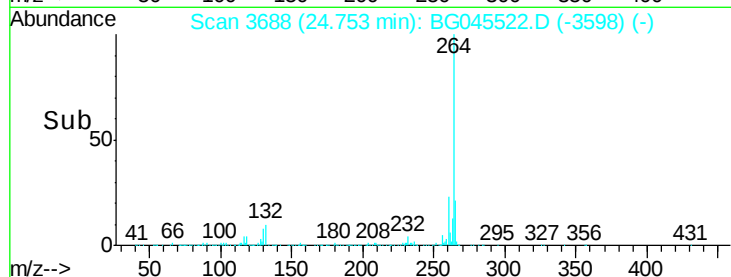
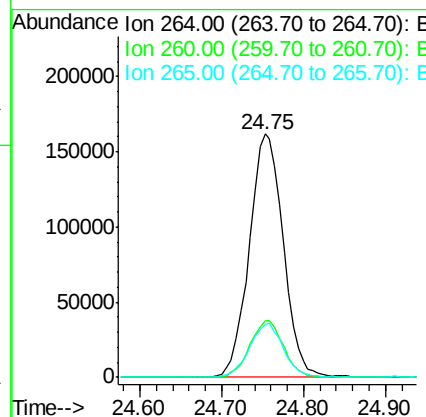
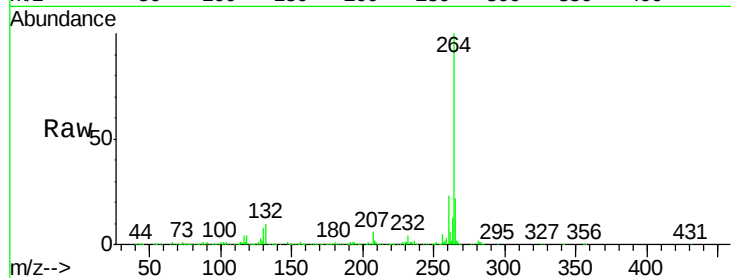
#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.75 min Scan# 3688
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.6	17.6	26.4

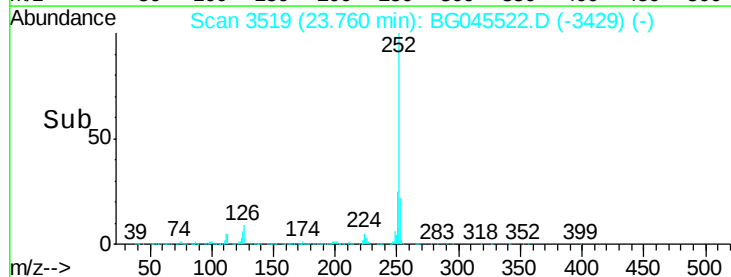
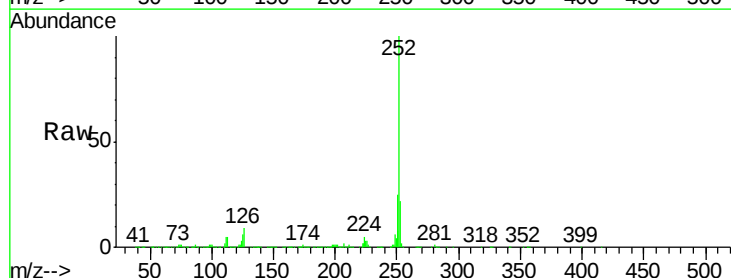
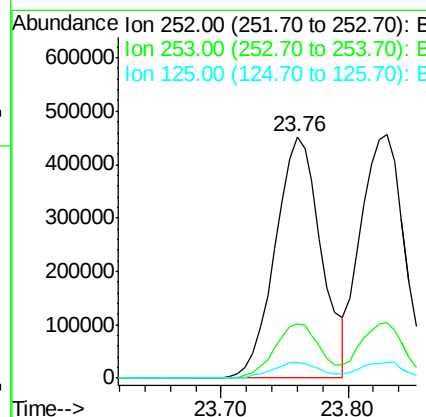
Manual Integrations
 APPROVED

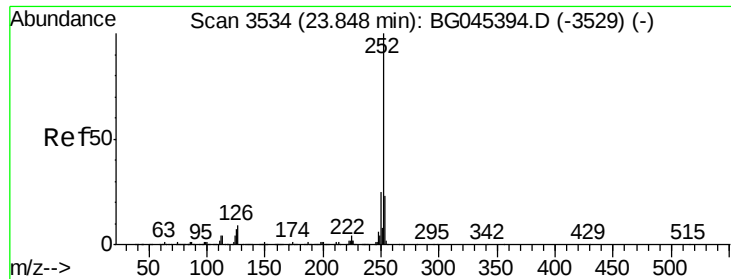
mohammad
 6/1/2020 12:22:43 PM



#88
 Benzo(b)fluoranthene
 Concen: 45.54 ng
 RT: 23.76 min Scan# 3519
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	6.4	5.0	7.6





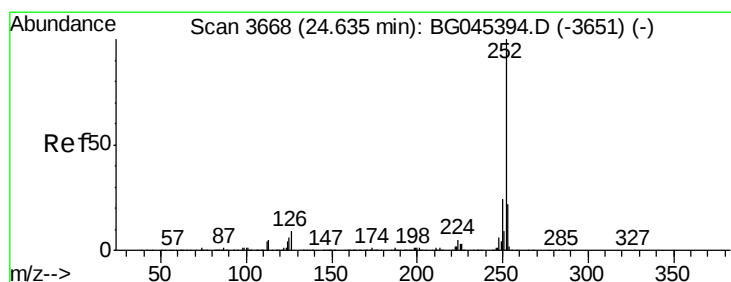
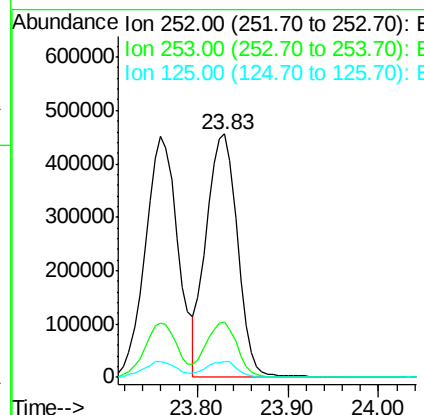
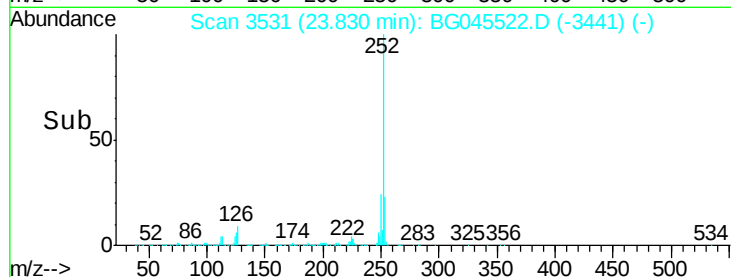
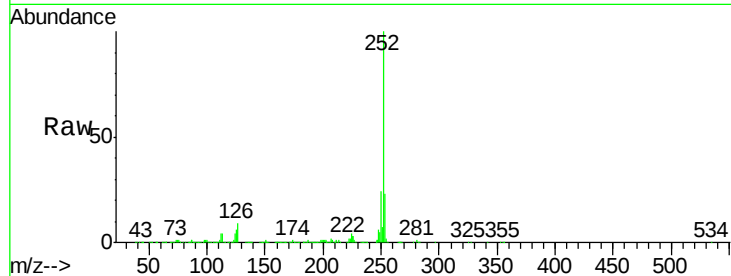
#89
Benzo(k)fluoranthene
Concen: 46.32 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	6.2	5.7	8.5

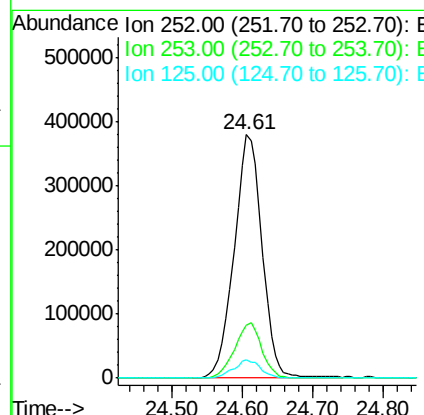
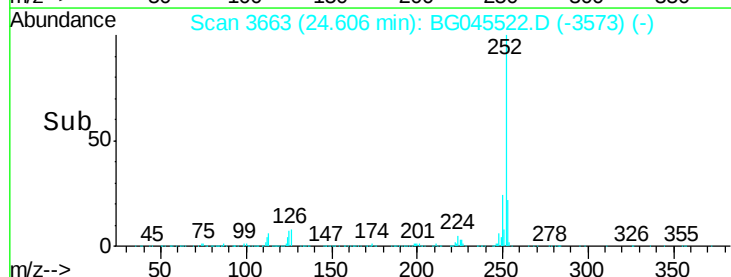
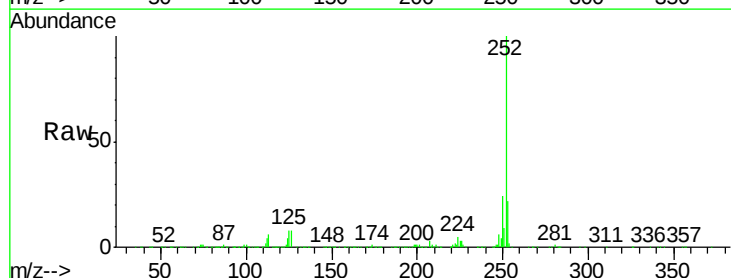
Manual Integrations
APPROVED

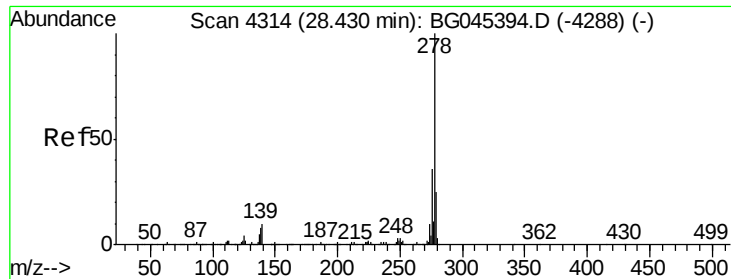
mohammad
6/1/2020 12:22:43 PM



#90
Benzo(a)pyrene
Concen: 44.80 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	7.5	5.0	7.6





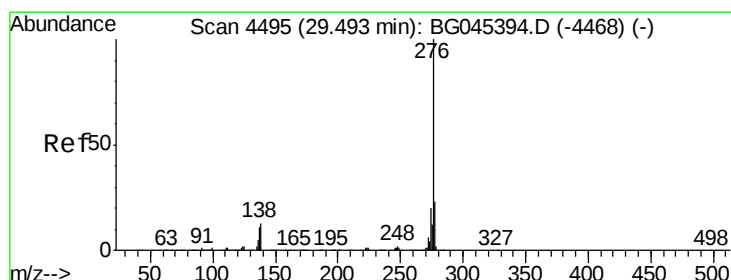
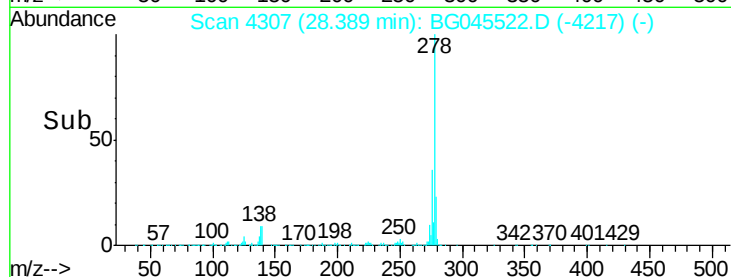
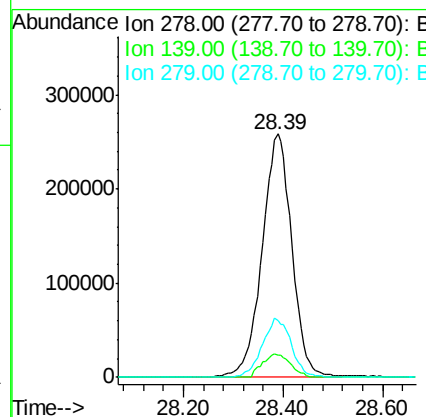
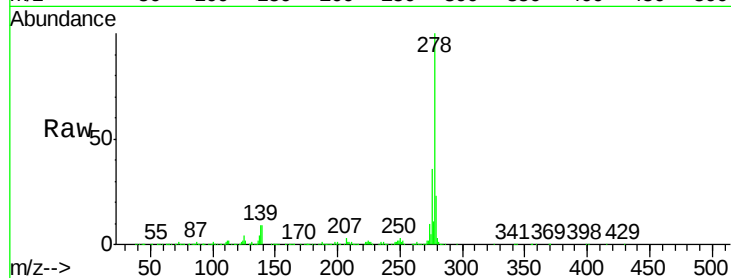
#91
Dibenzo(a,h)anthracene
Concen: 45.70 ng
RT: 28.39 min Scan# 4307
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.8	11.8
279	23.1	19.8	29.8

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:43 PM



#92
Benzo(g,h,i)perylene
Concen: 46.40 ng
RT: 29.45 min Scan# 4487
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.1	27.1
138	13.1	10.2	15.4

