

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046501.D
 Acq On : 2 Sep 2020 10:37
 Operator : CG/JU
 Sample : PB131340BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

Manual Integrations
 APPROVED

mohammad
 9/3/2020 1:47:37 PM

Quant Time: Sep 02 15:16:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	77591	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	305281	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	201841	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	482080	20.00	ng	0.00
76) Chrysene-d12	21.55	240	496513	20.00	ng	0.00
86) Perylene-d12	24.66	264	539495	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	496785	113.40	ng	0.00
7) Phenol-d6	7.11	99	639258	102.94	ng	0.00
23) Nitrobenzene-d5	9.09	82	410694	76.89	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	287577	105.15	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1036277	78.38	ng	0.00
79) Terphenyl-d14	19.92	244	1698598	72.81	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	57269	31.423	ng	99
3) Pyridine	3.81	79	141101	26.461	ng	96
4) n-Nitrosodimethylamine	3.72	42	82521	41.959	ng	95
6) Aniline	7.25	93	223633	32.001	ng	98
8) 2-Chlorophenol	7.50	128	205653	44.417	ng	99
9) Benzaldehyde	7.06	77	115569	33.216	ng	96
10) Phenol	7.14	94	248982	43.529	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	184348	40.096	ng	98
12) 1,3-Dichlorobenzene	7.82	146	224938	38.265	ng	98
13) 1,4-Dichlorobenzene	7.96	146	229975	39.078	ng	98
14) 1,2-Dichlorobenzene	8.28	146	220756	39.121	ng	97
15) Benzyl Alcohol	8.17	79	174262	43.707	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	284041	39.829	ng	98
17) 2-Methylphenol	8.38	107	175186	43.187	ng	99
18) Hexachloroethane	9.02	117	77580	38.880	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	149630	40.281	ng	97
20) 3+4-Methylphenols	8.70	107	239883	42.844	ng	99
22) Acetophenone	8.75	105	291321	39.203	ng	# 98
24) Nitrobenzene	9.13	77	215097	40.762	ng	98
25) Isophorone	9.65	82	409310	41.798	ng	98
26) 2-Nitrophenol	9.84	139	118587	42.594	ng	98
27) 2,4-Dimethylphenol	9.91	122	192146	50.178	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	249555	39.593	ng	100
29) 2,4-Dichlorophenol	10.38	162	220140	43.125	ng	97
30) 1,2,4-Trichlorobenzene	10.59	180	233866	38.613	ng	99
31) Naphthalene	10.78	128	597990	40.118	ng	99
32) Benzoic acid	10.06	122	85147	33.881	ng	97
33) 4-Chloroaniline	10.88	127	156903	23.872	ng	98
34) Hexachlorobutadiene	11.07	225	149644	38.060	ng	99
35) Caprolactam	11.65	113	75338m	39.482	ng	
36) 4-Chloro-3-methylphenol	12.02	107	212808	42.624	ng	95
37) 2-Methylnaphthalene	12.38	142	471401	40.099	ng	99
38) 1-Methylnaphthalene	12.61	142	450401	40.447	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	279319	41.965	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046501.D
 Acq On : 2 Sep 2020 10:37
 Operator : CG/JU
 Sample : PB131340BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB131340BS

Manual Integrations
 APPROVED

mohammad
 9/3/2020 1:47:37 PM

Quant Time: Sep 02 15:16:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	348849	120.535	ng	98
43) 2,4,6-Trichlorophenol	13.00	196	191724	42.685	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	209272	44.345	ng	97
46) 1,1'-Biphenyl	13.39	154	610213	43.453	ng	99
47) 2-Chloronaphthalene	13.43	162	475216	39.912	ng	99
48) 2-Nitroaniline	13.63	65	134712	40.746	ng	100
49) Acenaphthylene	14.28	152	770689	42.671	ng	99
50) Dimethylphthalate	14.02	163	636070	40.733	ng	100
51) 2,6-Dinitrotoluene	14.13	165	147704	42.910	ng	99
52) Acenaphthene	14.63	154	459362	41.043	ng	100
53) 3-Nitroaniline	14.46	138	98812	26.501	ng	99
54) 2,4-Dinitrophenol	14.67	184	180974	90.071	ng	96
55) Dibenzofuran	14.96	168	745319	41.495	ng	99
56) 4-Nitrophenol	14.79	139	244738	89.187	ng	96
57) 2,4-Dinitrotoluene	14.93	165	211608	43.114	ng	98
58) Fluorene	15.61	166	620939	41.189	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	201361	43.939	ng	98
60) Diethylphthalate	15.38	149	630922	41.440	ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	339977	40.949	ng	97
62) 4-Nitroaniline	15.63	138	146678	37.283	ng	96
63) Azobenzene	15.90	77	530040	42.798	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	136544	50.042	ng	97
66) n-Nitrosodiphenylamine	15.82	169	568695	43.727	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	238592	42.422	ng	97
68) Hexachlorobenzene	16.62	284	251575	40.388	ng	96
69) Atrazine	16.77	200	213467	40.234	ng	99
70) Pentachlorophenol	16.97	266	310657	95.457	ng	99
71) Phenanthrene	17.35	178	1024229	41.916	ng	99
72) Anthracene	17.44	178	1055206	43.769	ng	99
73) Carbazole	17.71	167	984169	43.237	ng	100
74) Di-n-butylphthalate	18.27	149	1115671	42.625	ng	99
75) Fluoranthene	19.36	202	1342116	42.681	ng	100
77) Benzidine	19.53	184	524134	45.429	ng	98
78) Pyrene	19.71	202	1342570	42.463	ng	99
80) Butylbenzylphthalate	20.61	149	524097	42.497	ng	97
81) Benzo(a)anthracene	21.54	228	1310073	42.332	ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	349046	30.392	ng	99
83) Chrysene	21.60	228	1260308	42.336	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	735235	43.686	ng	98
85) Di-n-octyl phthalate	22.62	149	1288289	44.705	ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1600187	41.298	ng	100
88) Benzo(b)fluoranthene	23.68	252	1376390	40.859	ng	98
89) Benzo(k)fluoranthene	23.74	252	1322055	40.608	ng	99
90) Benzo(a)pyrene	24.51	252	1269979	40.397	ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1300097	41.579	ng	98
92) Benzo(g,h,i)perylene	29.26	276	1346405	43.121	ng	98

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

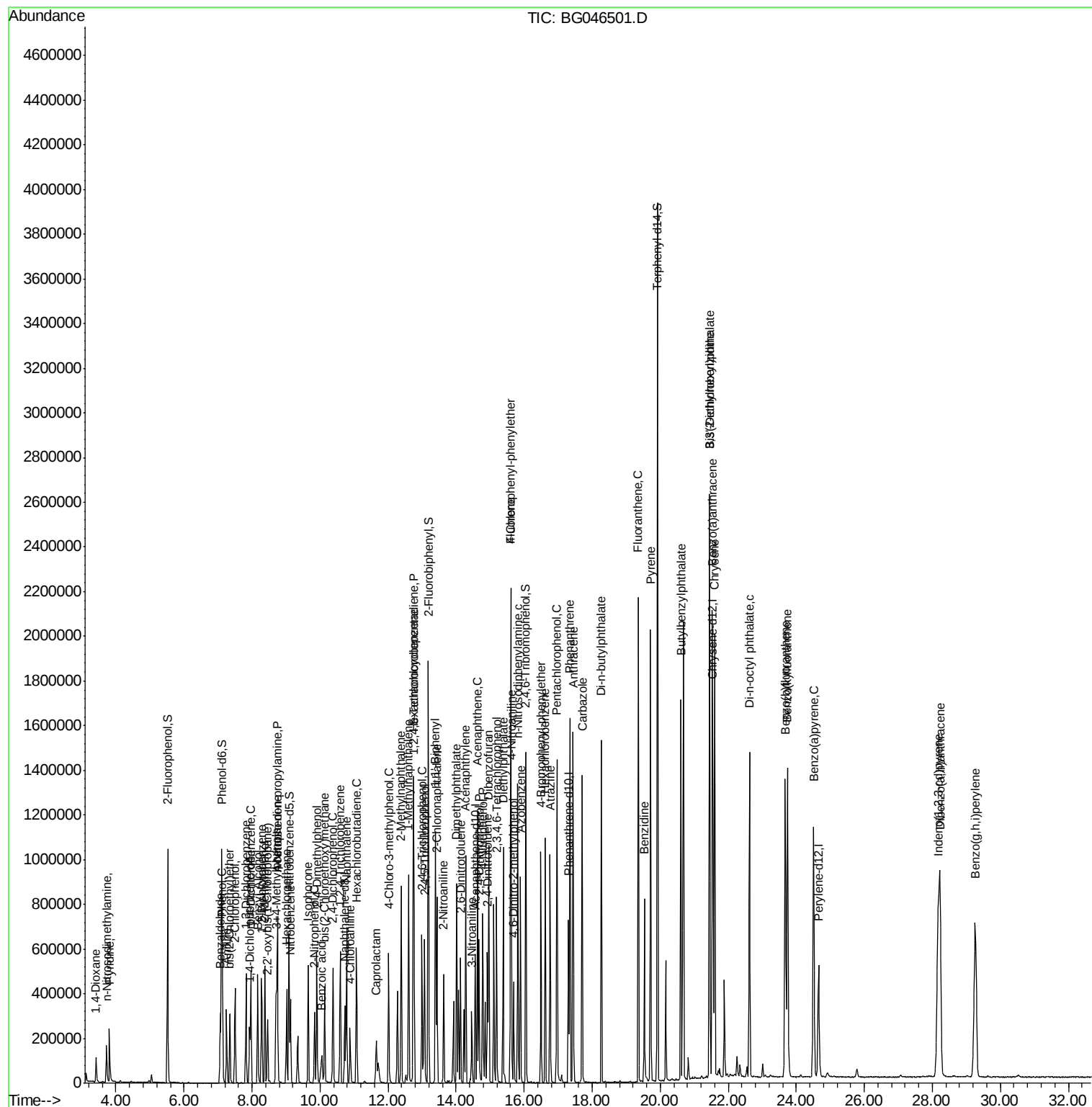
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
Data File : BG046501.D
Acq On : 2 Sep 2020 10:37
Operator : CG/JU
Sample : PB131340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

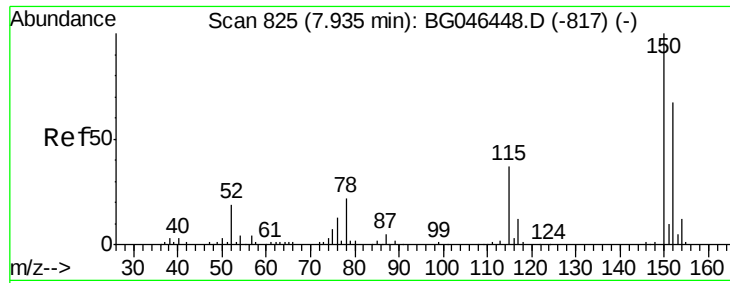
Instrument :
BNA_G
ClientSampleId :
PB131340BS

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM

Quant Time: Sep 02 15:16:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration





#1

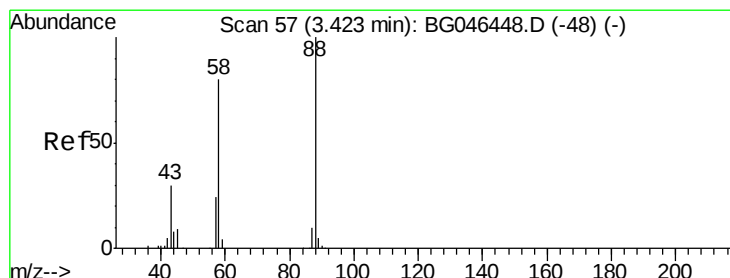
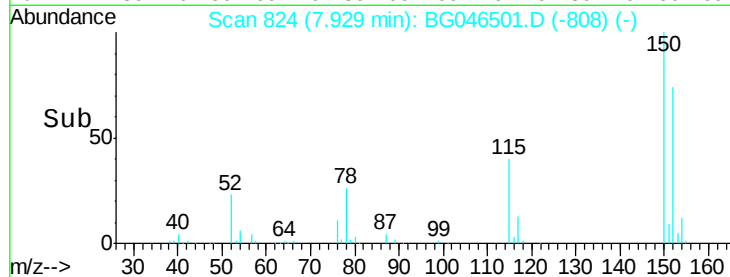
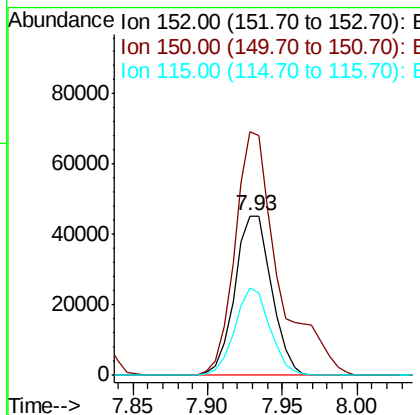
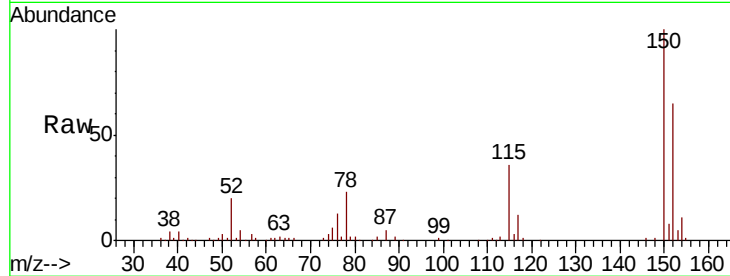
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.5	179.3
115	54.7	44.3	66.5

Manual Integrations
APPROVED

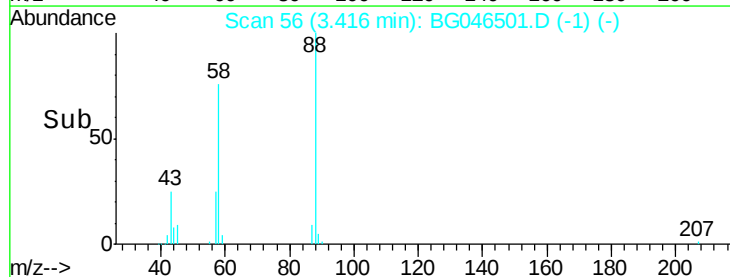
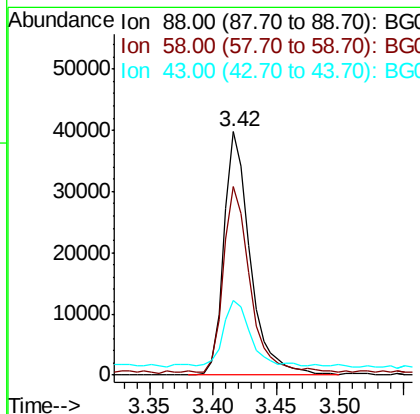
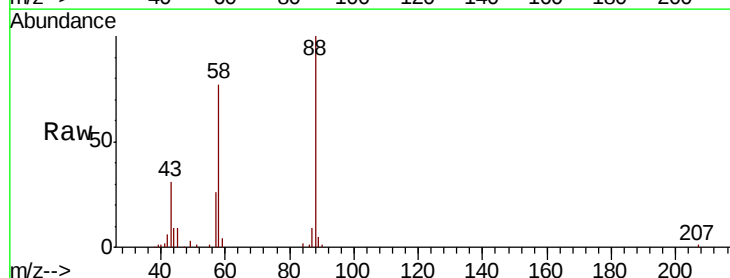
mohammad
9/3/2020 1:47:37 PM

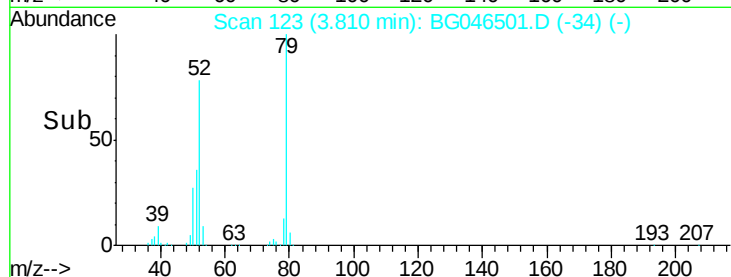
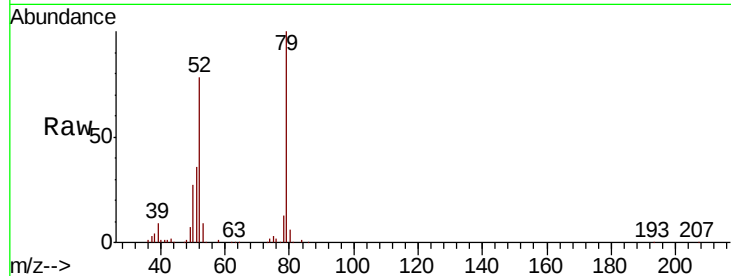
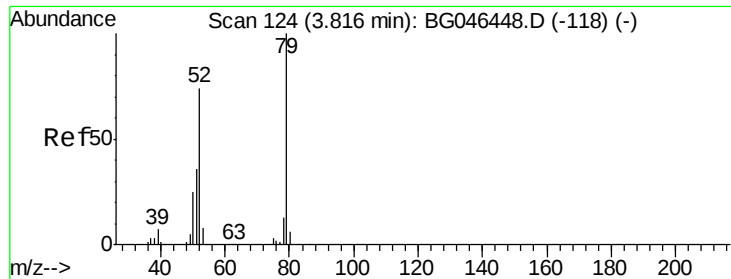


#2

1,4-Dioxane
Concen: 31.423 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	61.4	92.2
43	26.6	21.6	32.4





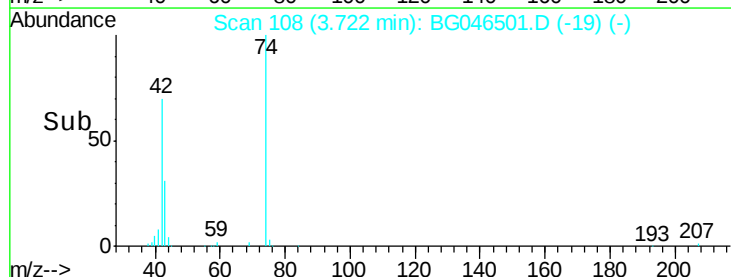
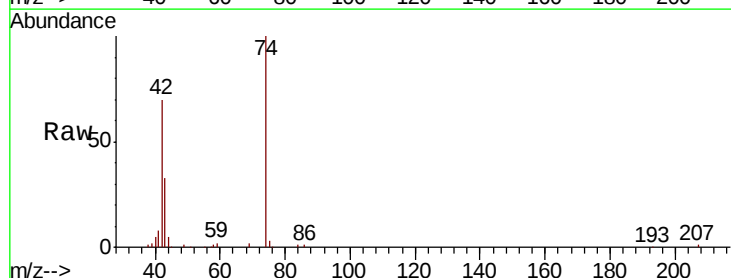
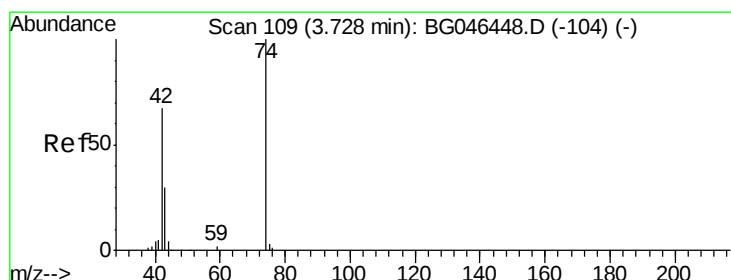
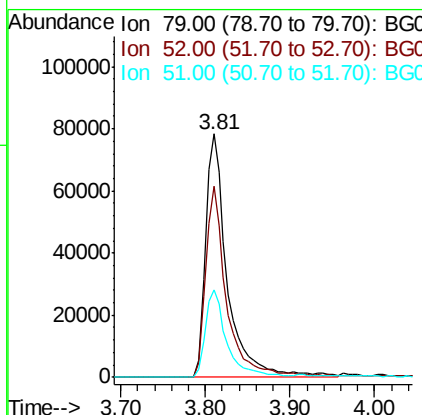
#3
Pvridine
Concen: 26.461 ng
RT: 3.81 min Scan# 123
Delta R.T. -0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.3	59.1	88.7
51	36.2	29.0	43.6

Instrument :
BNA_G
ClientSampled :
PB131340BS

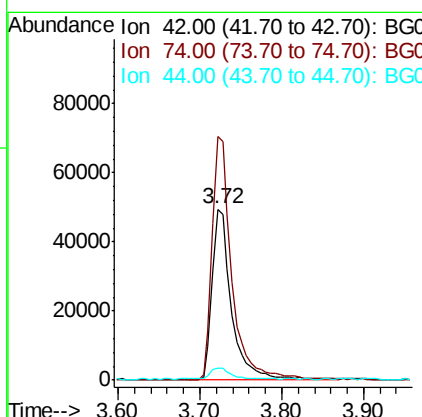
Manual Integrations
APPROVED

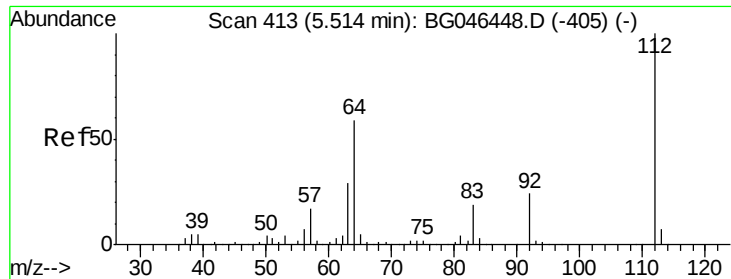
mohammad
9/3/2020 1:47:37 PM



#4
n-Nitrosodimethylamine
Concen: 41.959 ng
RT: 3.72 min Scan# 108
Delta R.T. -0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.2	119.5	179.3
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 113.402 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

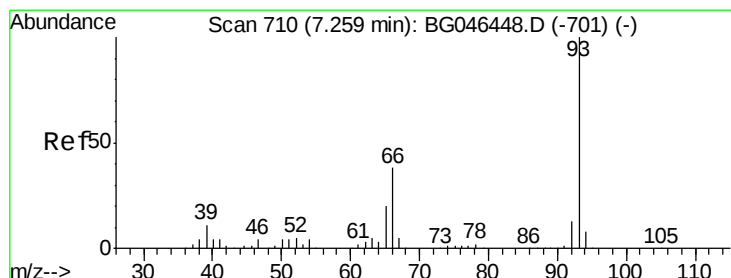
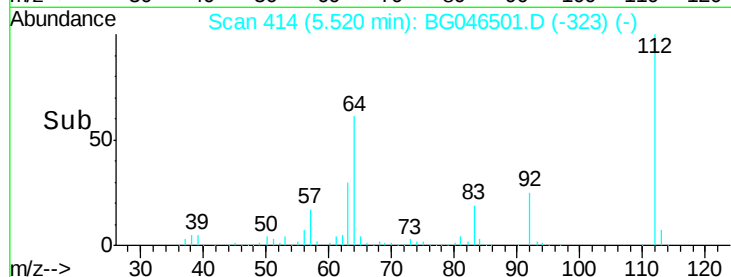
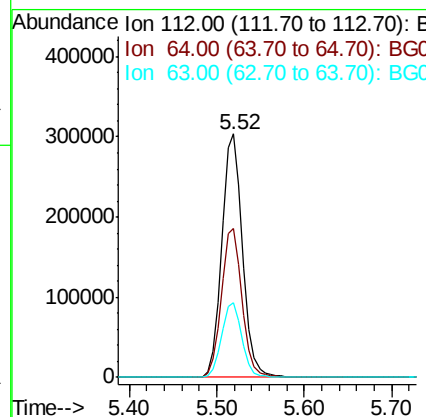
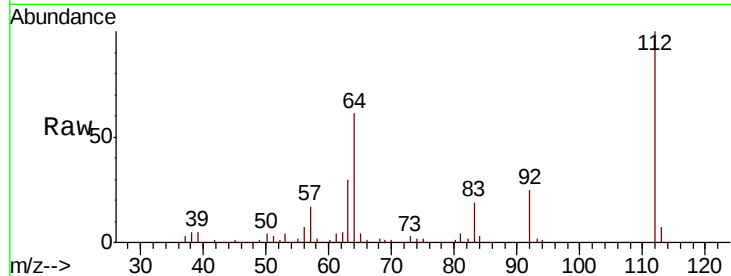
ClientSampleId :

PB131340BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	496785		
64	61.3	47.0	70.6	
63	30.5	23.5	35.3	

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



#6

Aniline

Concen: 32.001 ng

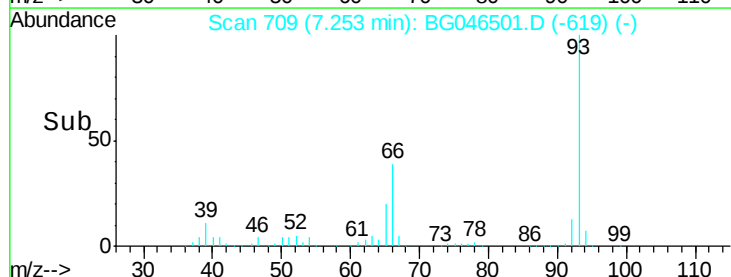
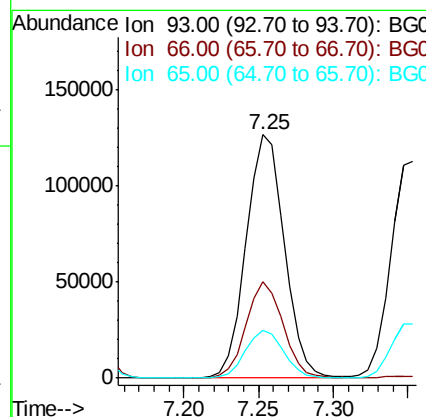
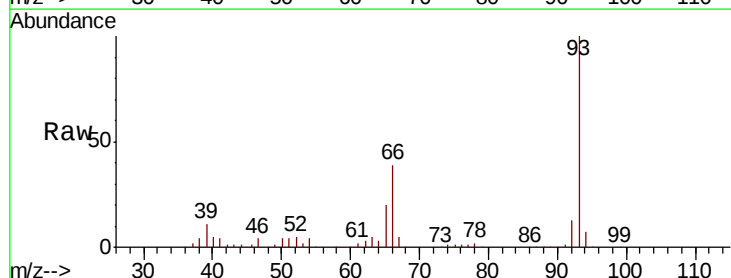
RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	223633		
66	39.4	30.4	45.6	
65	19.8	15.8	23.6	





#7

Phenol-d6

Concen: 102.938 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

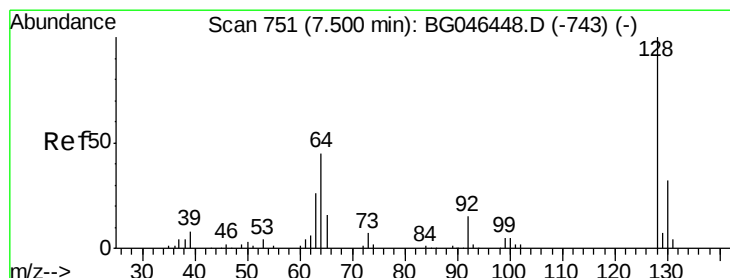
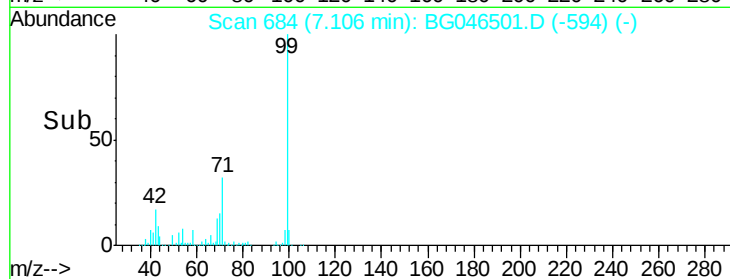
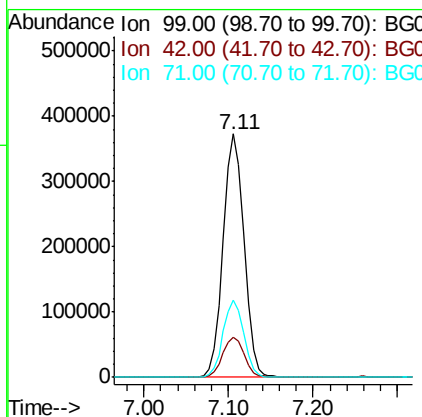
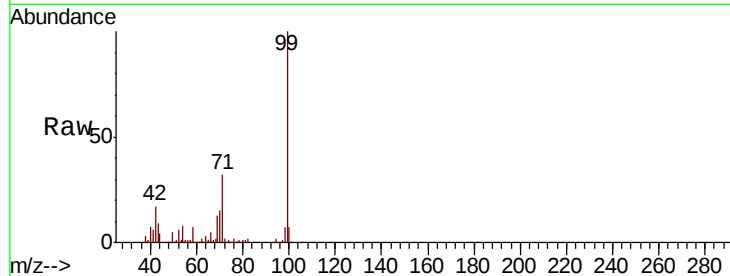
ClientSampleId :

PB131340BS

Tot Ion:	99	Resp:	639258
Ion Ratio	Lower	Upper	
99	100		
42	16.7	13.3	19.9
71	31.8	25.3	37.9

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



#8

2-Chlorophenol

Concen: 44.417 ng

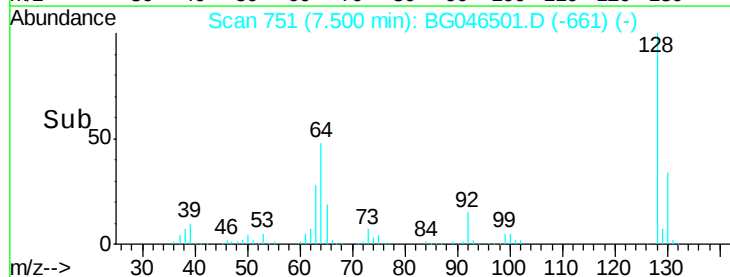
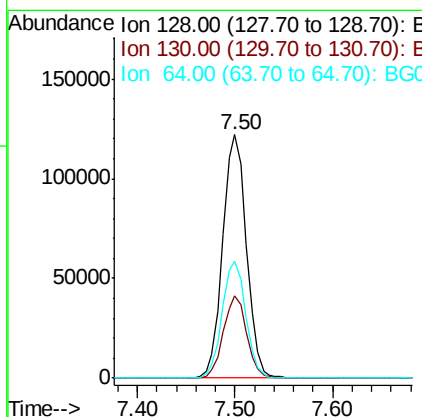
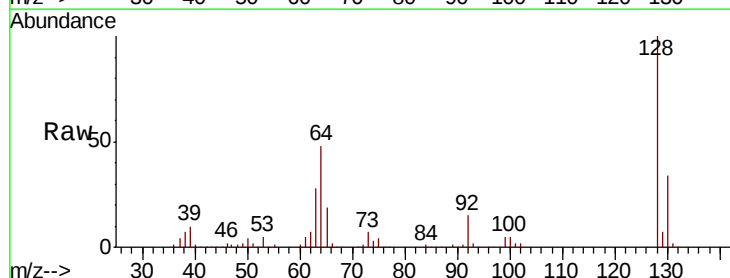
RT: 7.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Tgt Ion:	128	Resp:	205653
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.4	52.4
64	47.8	28.1	68.1





#9

Benzaldehyde

Concen: 33.216 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

ClientSampleId :

PB131340BS

Tot Ion: 77 Resp: 115569

Ion Ratio Lower Upper

77 100

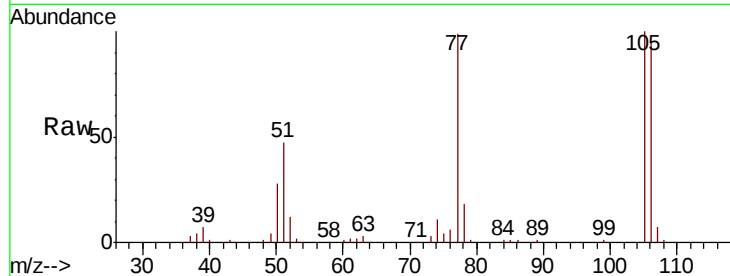
105 101.5 85.6 125.6

106 96.0 80.8 120.8

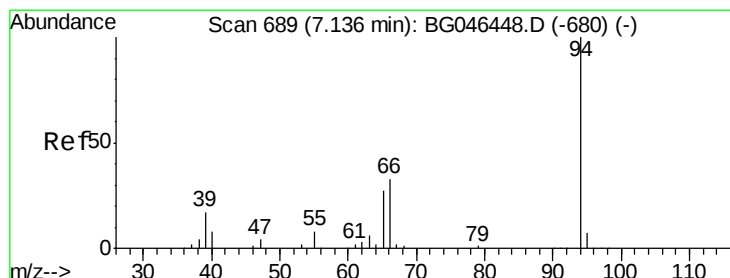
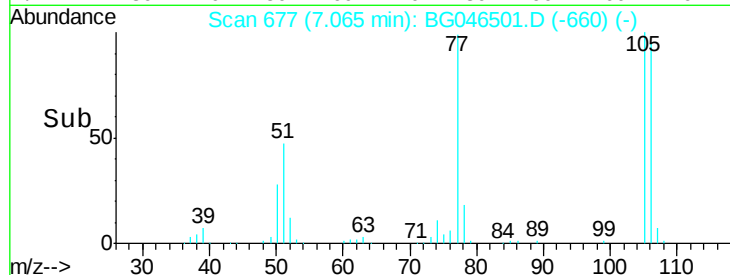
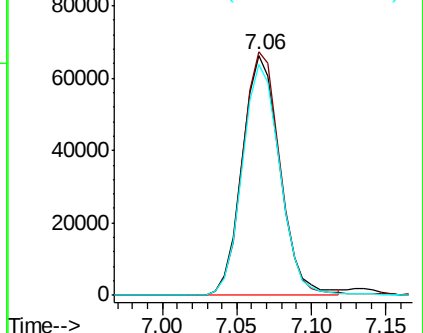
Manual Integrations
APPROVED

mohammad

9/3/2020 1:47:37 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.529 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

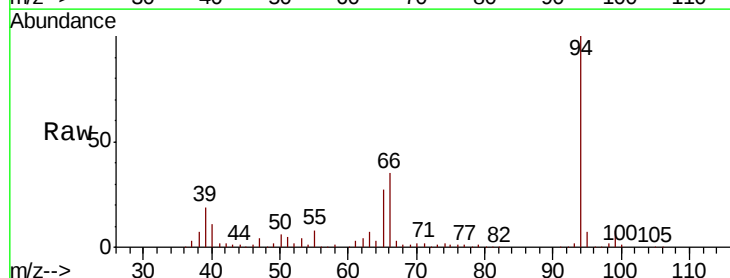
Tgt Ion: 94 Resp: 248982

Ion Ratio Lower Upper

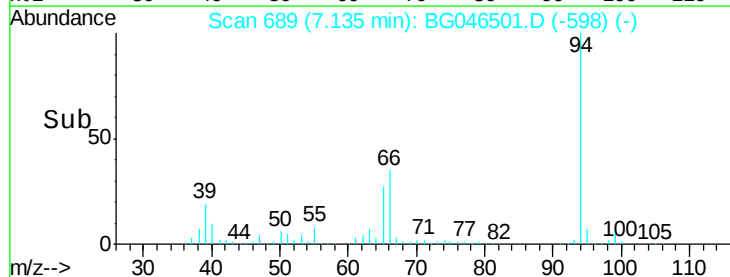
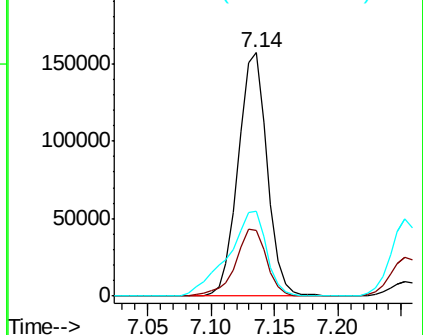
94 100

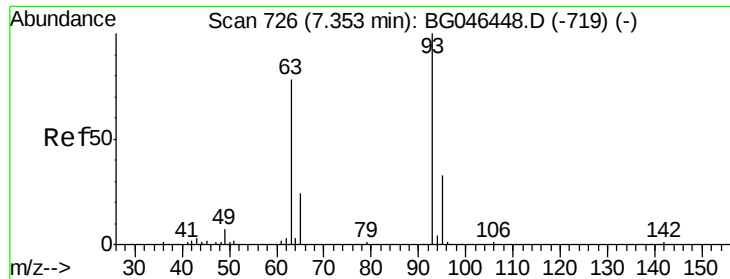
65 27.1 7.5 47.5

66 35.0 14.1 54.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





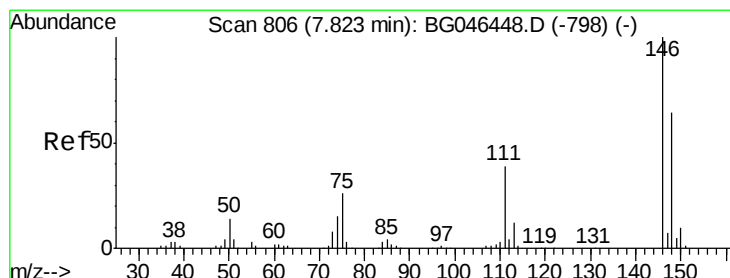
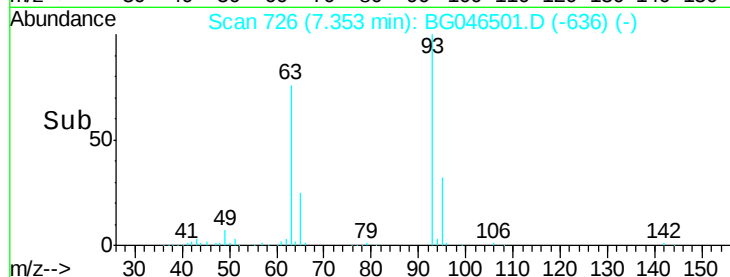
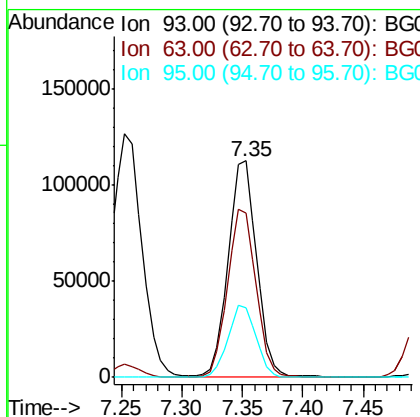
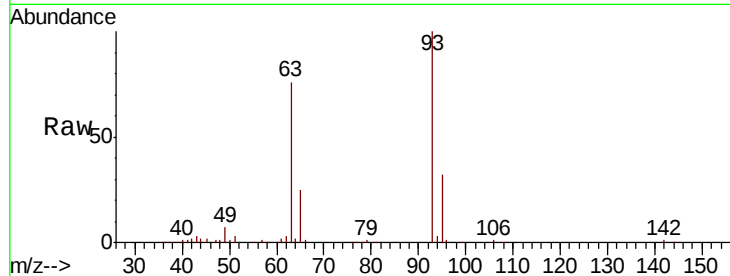
#11
bis(2-Chloroethyl)ether
Concen: 40.096 ng
RT: 7.35 min Scan# 726
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.7	57.7	97.7
95	32.4	12.3	52.3

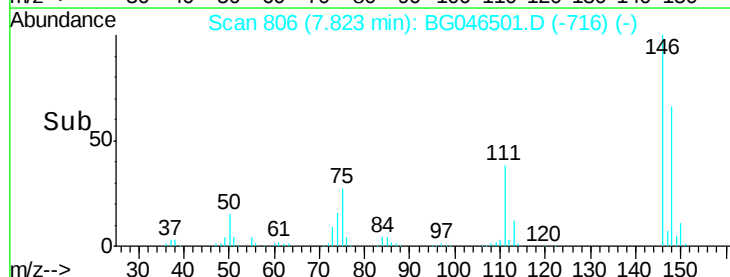
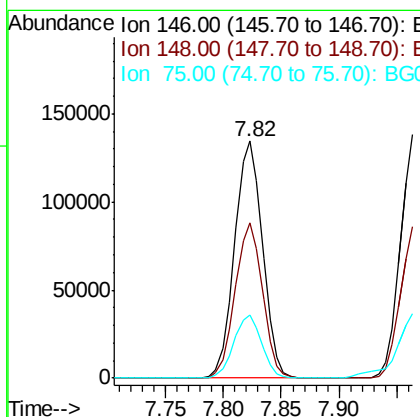
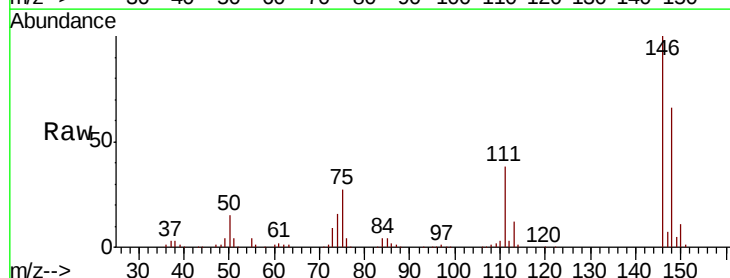
Manual Integrations
APPROVED

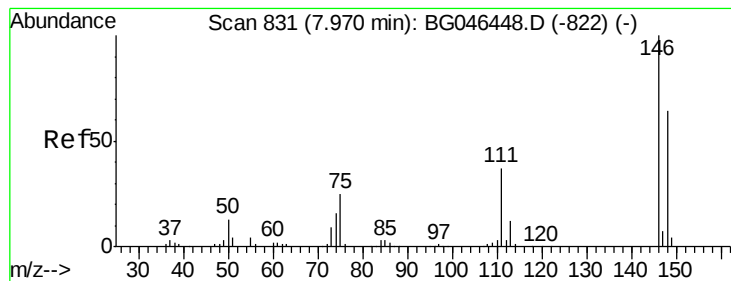
mohammad
9/3/2020 1:47:37 PM



#12
1,3-Dichlorobenzene
Concen: 38.265 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.0
75	26.7	20.7	31.1





#13

1,4-Dichlorobenzene

Concen: 39.078 ng

RT: 7.96 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

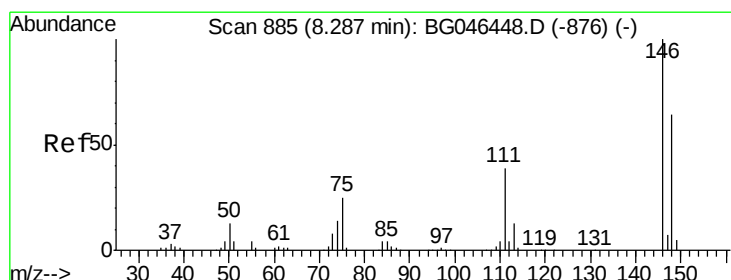
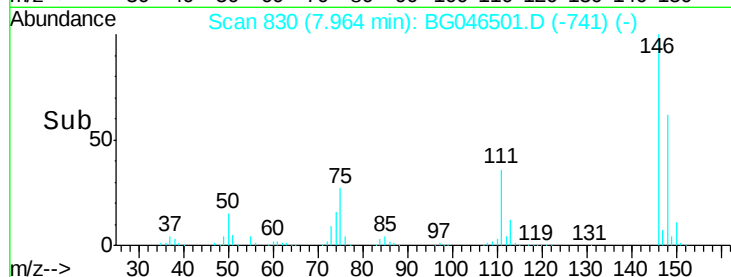
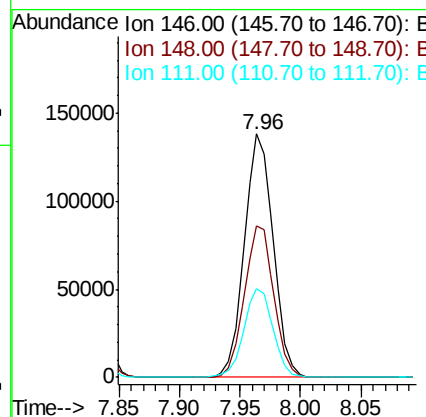
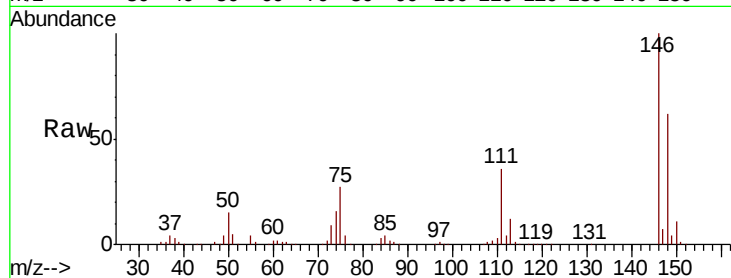
ClientSampleId :

PB131340BS

Tot Ion:	146	Resp:	229975
Ion Ratio	Lower	Upper	
146	100		
148	62.0	50.9	76.3
111	36.5	29.8	44.6

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



#14

1,2-Dichlorobenzene

Concen: 39.121 ng

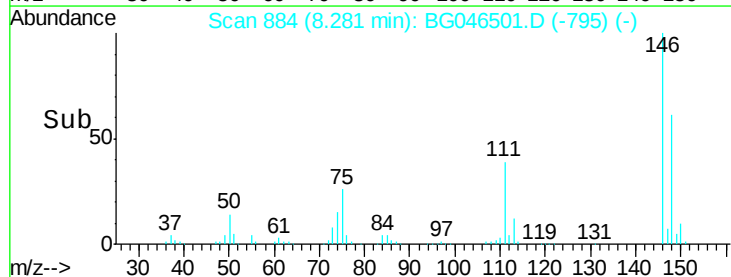
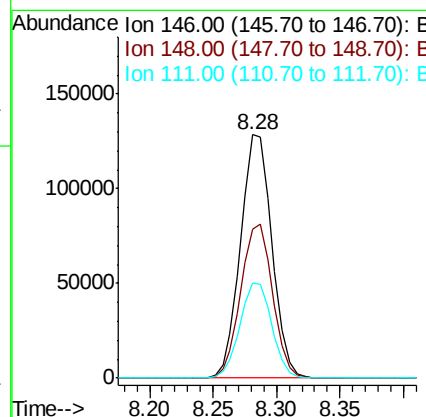
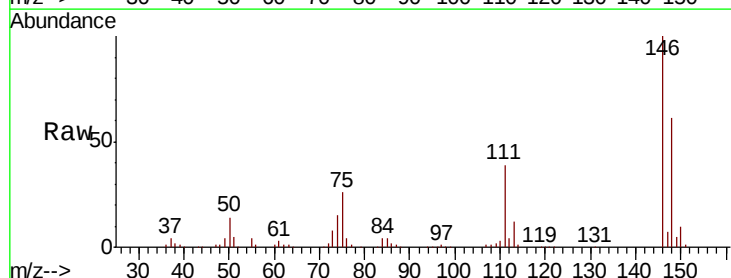
RT: 8.28 min Scan# 884

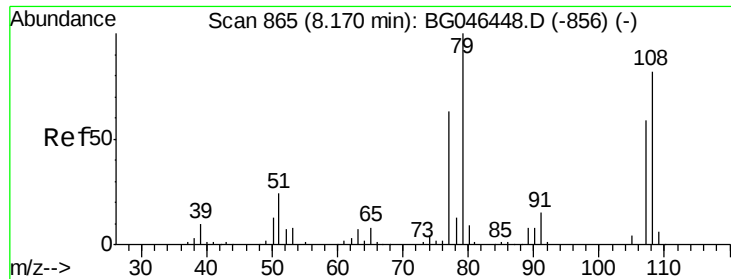
Delta R.T. -0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Tgt Ion:	146	Resp:	220756
Ion Ratio	Lower	Upper	
146	100		
148	61.1	51.4	77.0
111	38.9	31.4	47.2





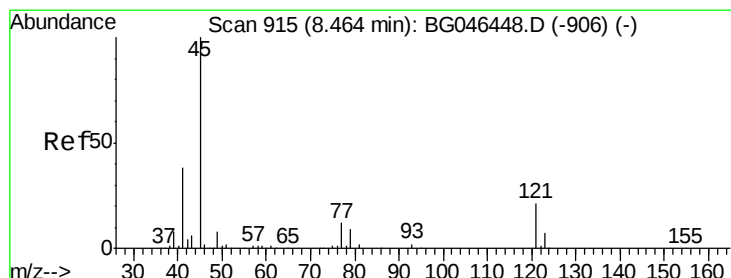
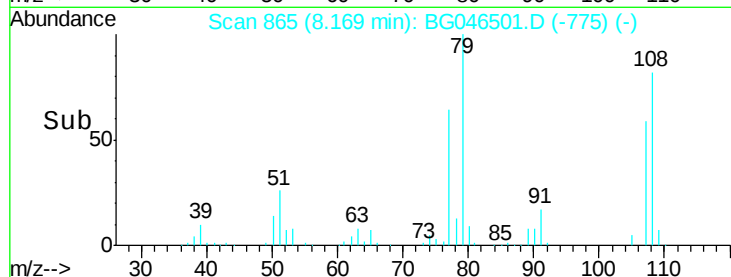
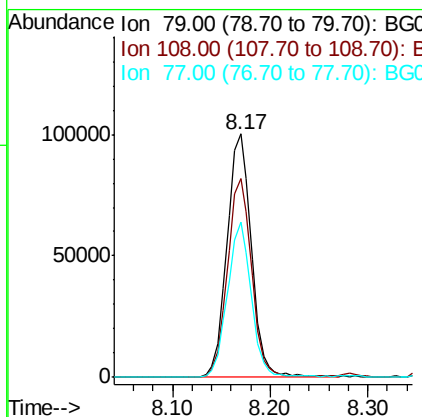
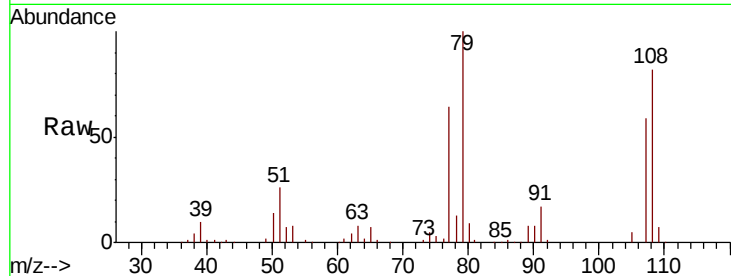
#15
Benzyl Alcohol
Concen: 43.707 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampled :
PB131340BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.8	65.7	98.5
77	64.0	50.3	75.5

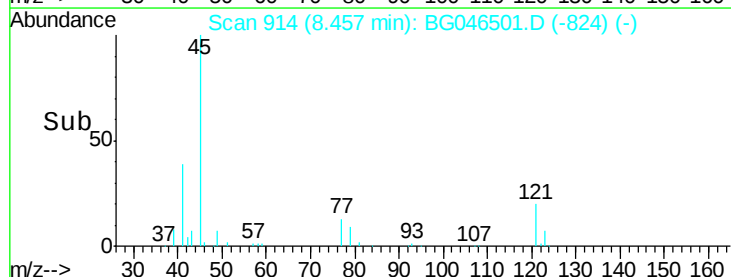
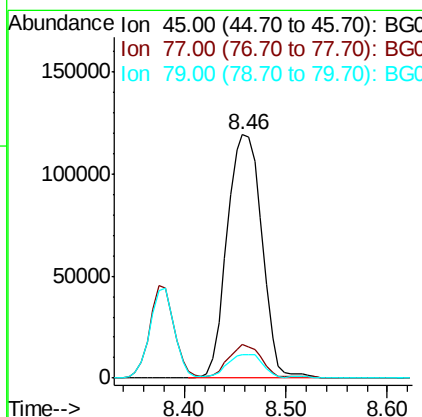
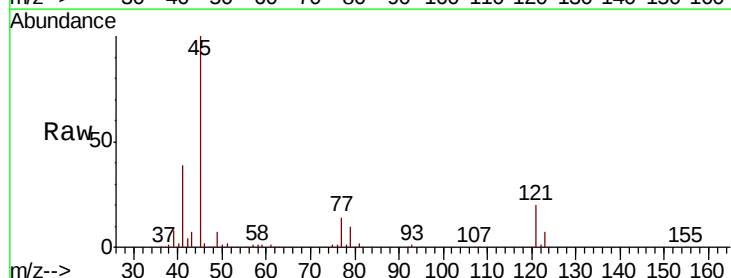
Manual Integrations
APPROVED

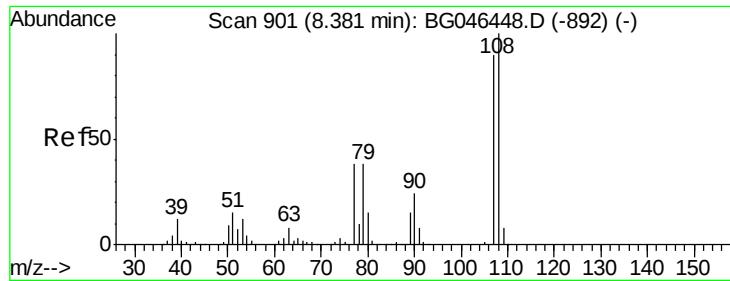
mohammad
9/3/2020 1:47:37 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.829 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.2
79	9.9	0.0	30.3





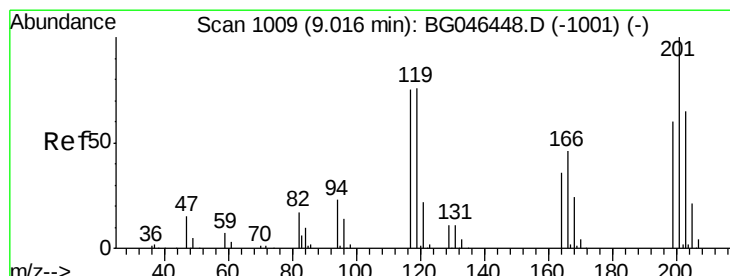
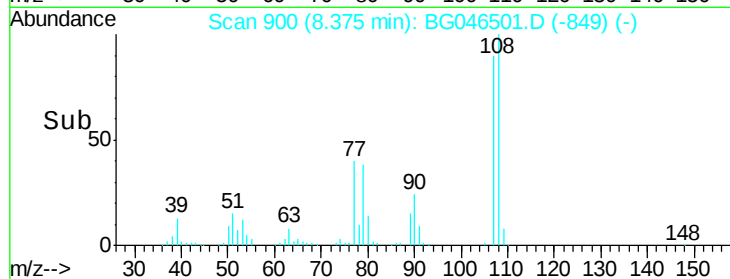
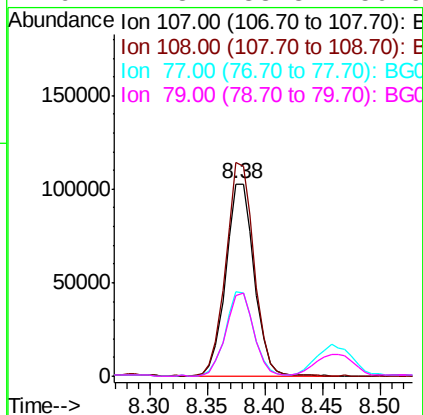
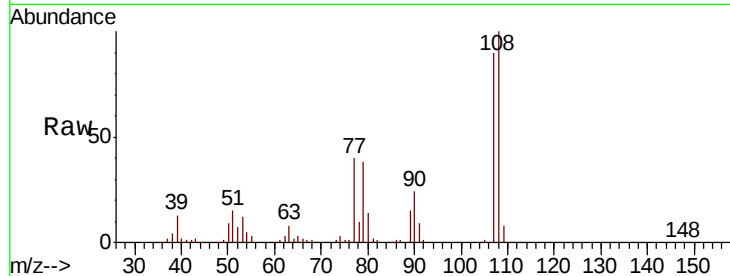
#17
2-Methylphenol
Concen: 43.187 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	89.4	134.0	
77	44.2	34.5	51.7	
79	41.8	33.8	50.6	

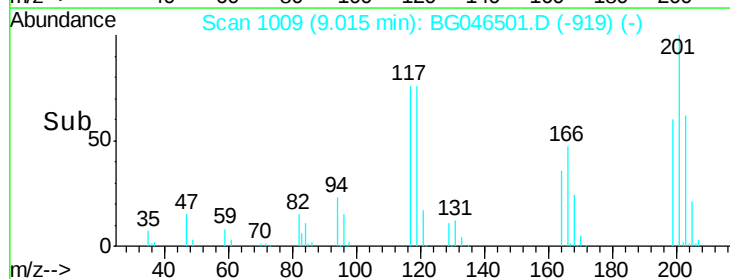
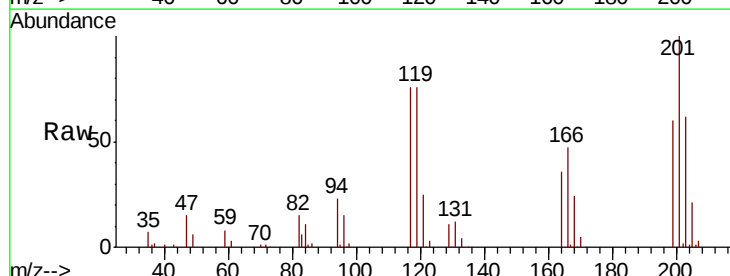
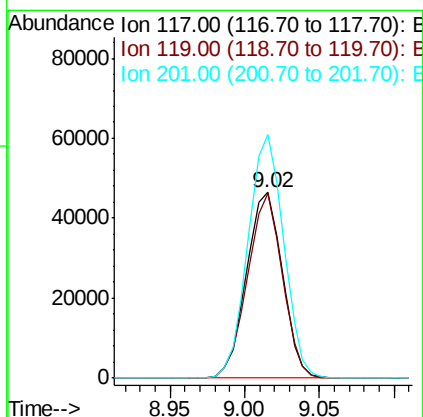
Manual Integrations
APPROVED

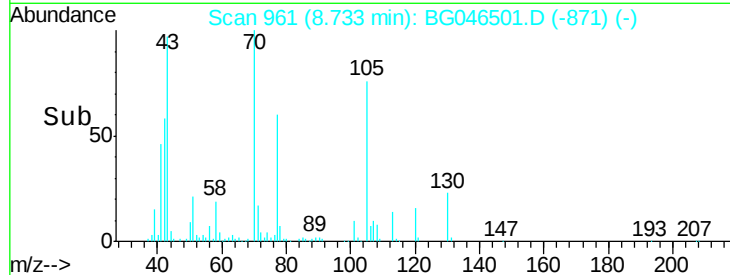
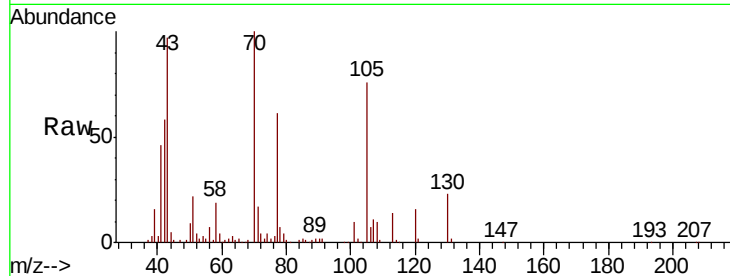
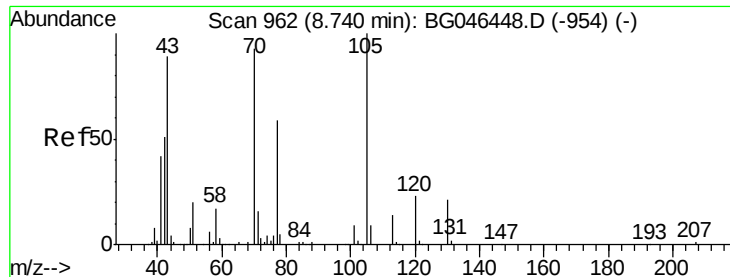
mohammad
9/3/2020 1:47:37 PM



#18
Hexachloroethane
Concen: 38.880 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

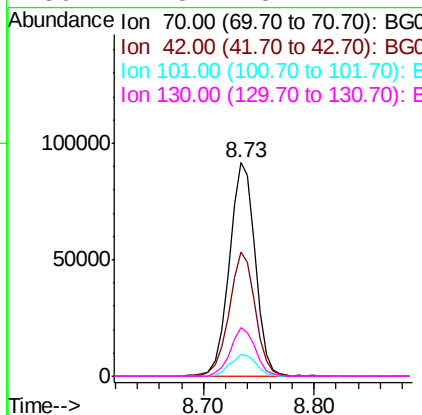
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.7	80.8	121.2	
201	131.1	106.7	160.1	





#19
n-Nitroso-di-n-propylamine
Concen: 40.281 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

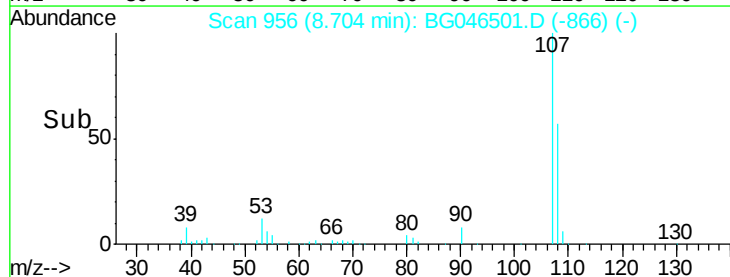
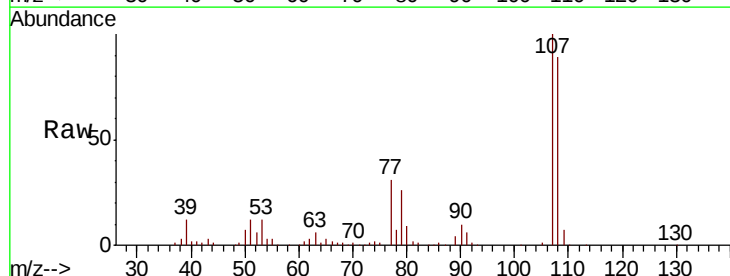
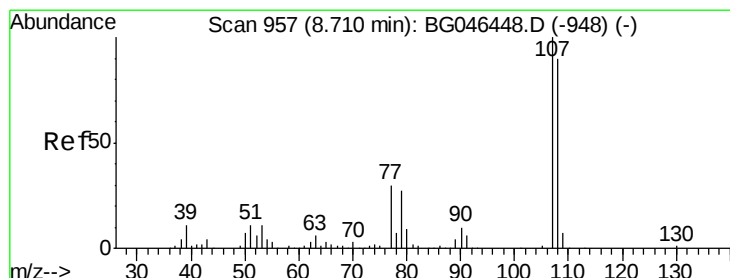
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		149630		
42	58.0	44.2	66.2		
101	10.4	7.8	11.8		
130	22.8	18.2	27.4		



Instrument :
BNA_G
ClientSampled :
PB131340BS

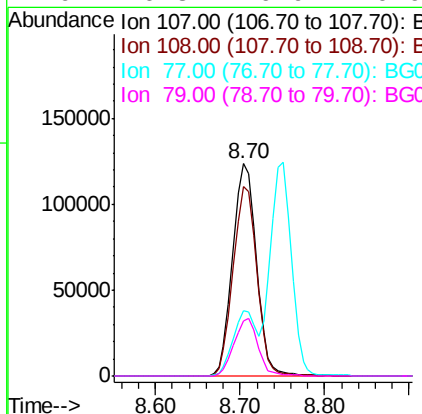
Manual Integrations
APPROVED

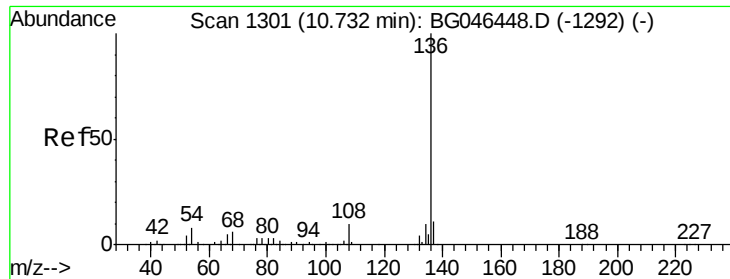
mohammad
9/3/2020 1:47:37 PM



#20
3+4-Methylphenols
Concen: 42.844 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		239883		
108	89.4	69.7	109.7		
77	30.8	9.7	49.7		
79	26.3	6.9	46.9		





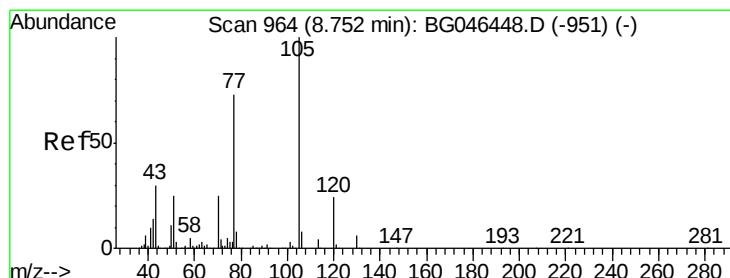
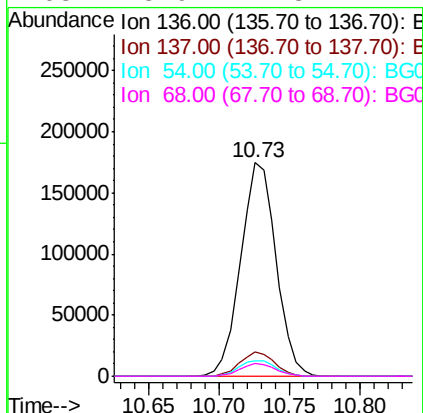
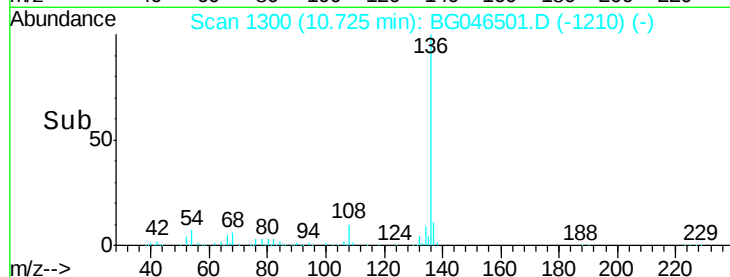
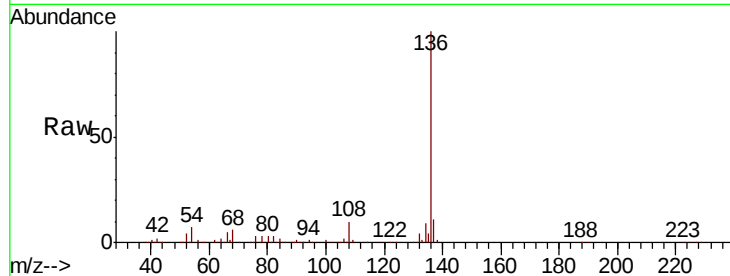
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	305281		
137	11.2		8.8	13.2
54	7.4		6.1	9.1
68	5.9		4.8	7.2

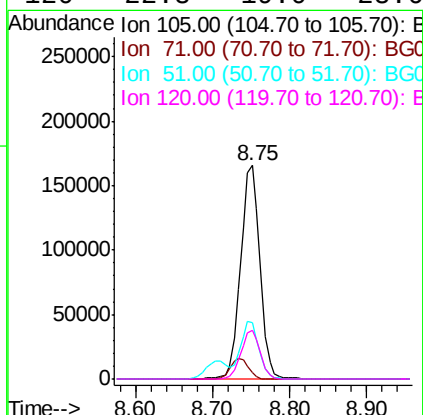
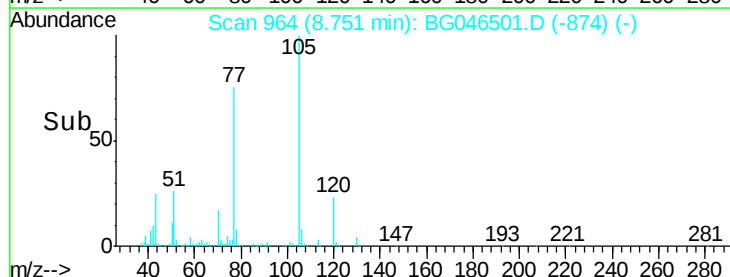
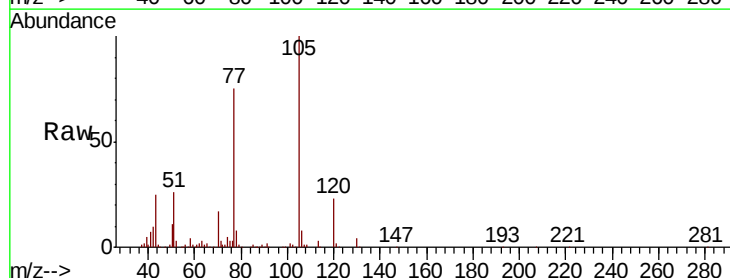
Manual Integrations
APPROVED

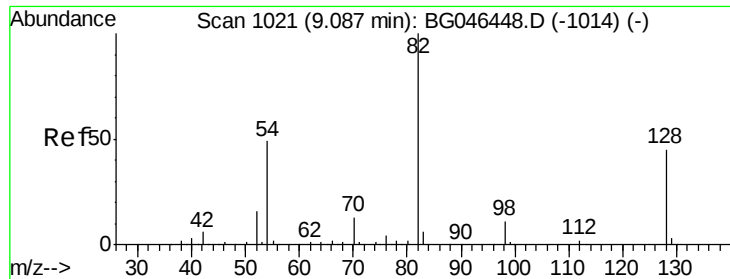
mohammad
9/3/2020 1:47:37 PM



#22
Acetophenone
Concen: 39.203 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	291321		
71	2.8		3.3	4.9#
51	26.4		20.6	31.0
120	22.8		19.0	28.6





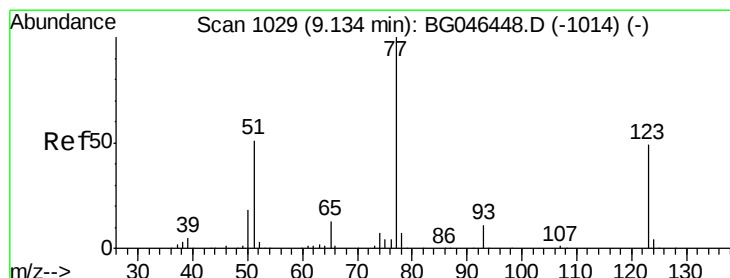
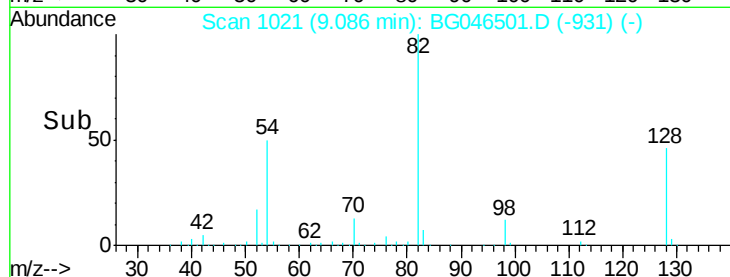
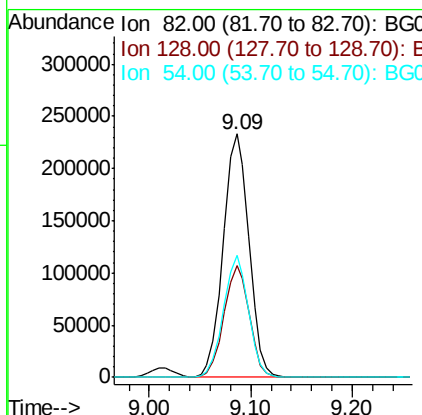
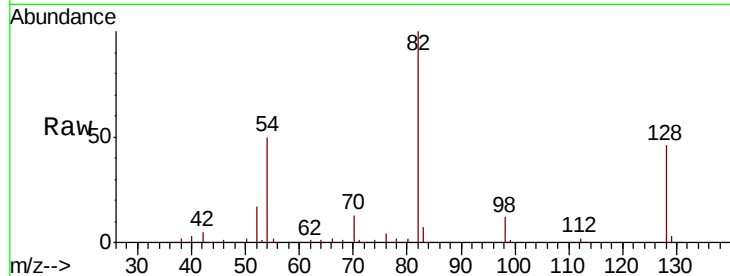
#23
Nitrobenzene-d5
Concen: 76.891 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	82	Resp	410694
Ion Ratio	100	Lower	Upper
82	100		
128	45.7	35.7	53.5
54	50.3	39.4	59.0

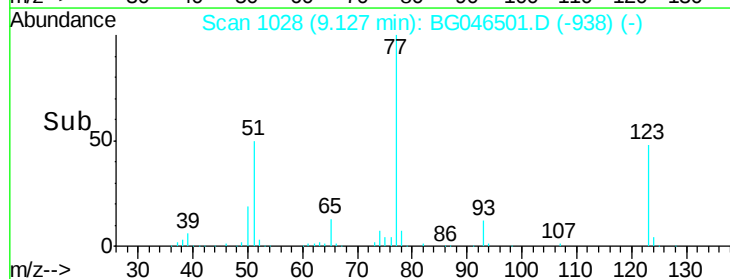
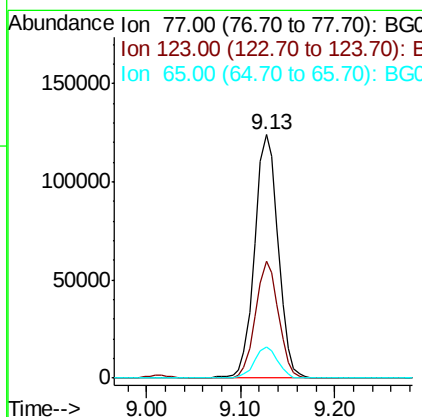
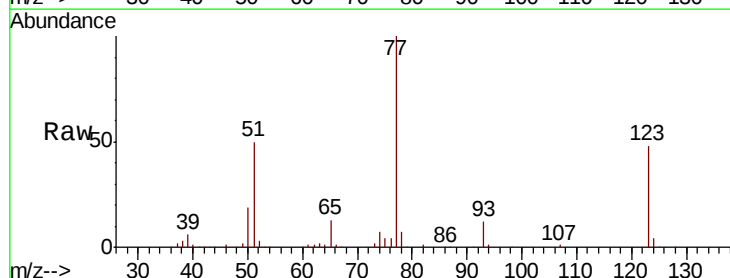
Manual Integrations
APPROVED

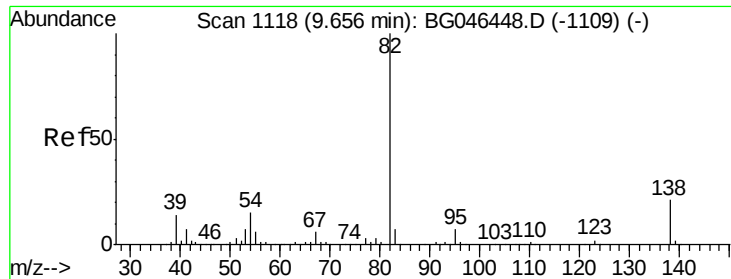
mohammad
9/3/2020 1:47:37 PM



#24
Nitrobenzene
Concen: 40.762 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	77	Resp	215097
Ion Ratio	100	Lower	Upper
77	100		
123	48.1	39.6	59.4
65	13.1	10.1	15.1





#25

Isophorone

Concen: 41.798 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

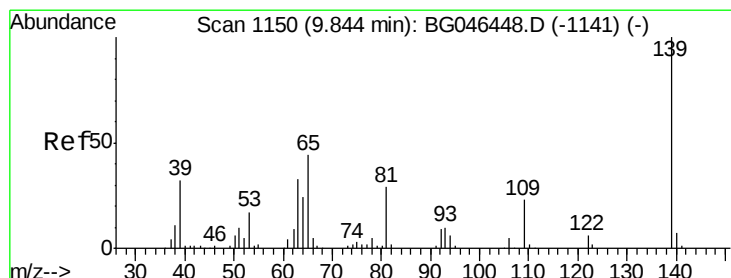
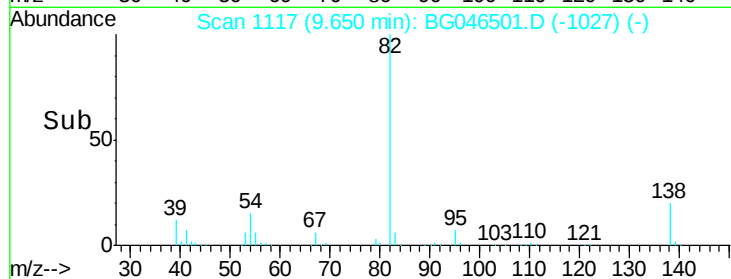
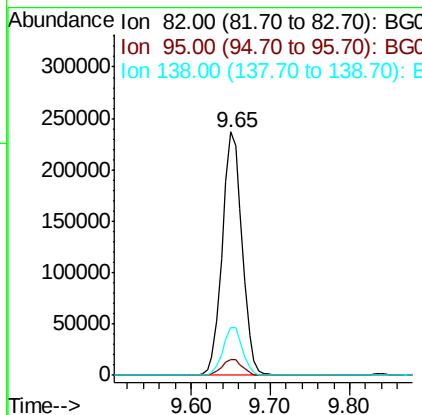
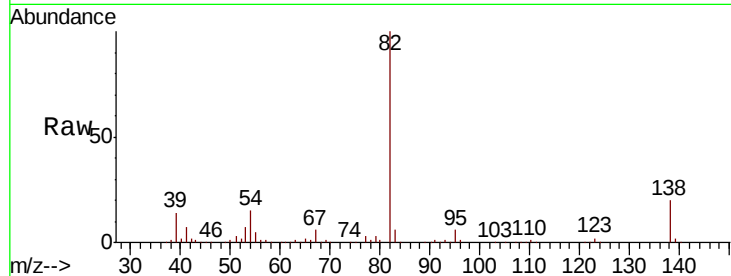
ClientSampleId :

PB131340BS

Tot Ion:	82	Resp:	409310
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.8	8.6
138	19.6	16.4	24.6

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



#26

2-Nitrophenol

Concen: 42.594 ng

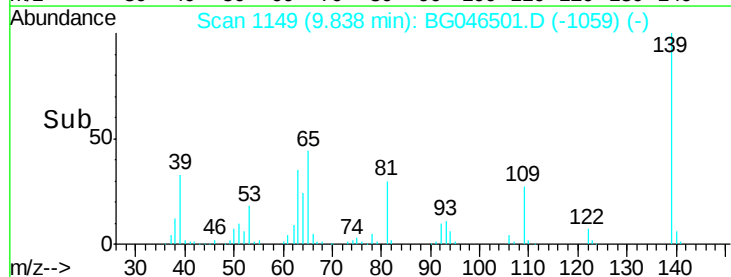
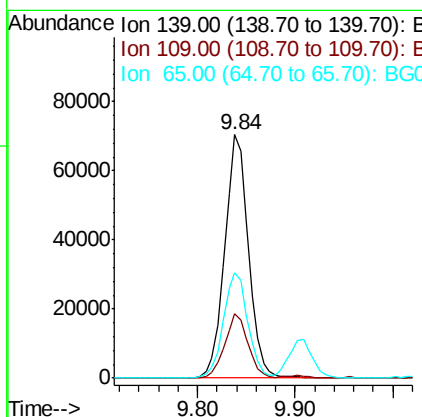
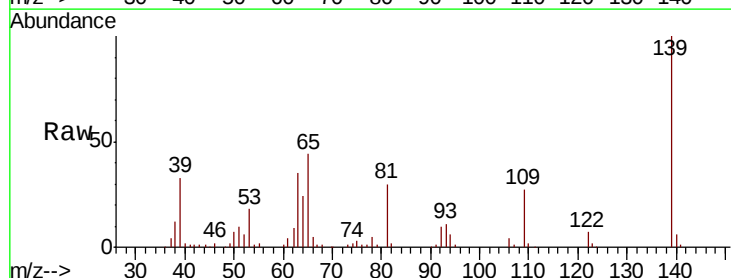
RT: 9.84 min Scan# 1149

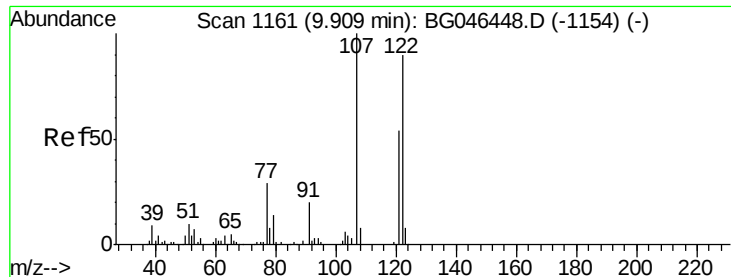
Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Tgt Ion:	139	Resp:	118587
Ion Ratio	Lower	Upper	
139	100		
109	26.6	18.8	28.2
65	43.5	35.0	52.6





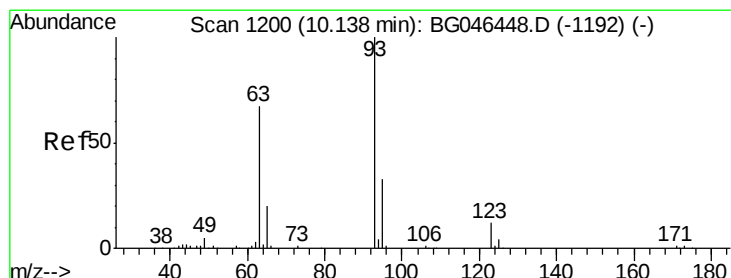
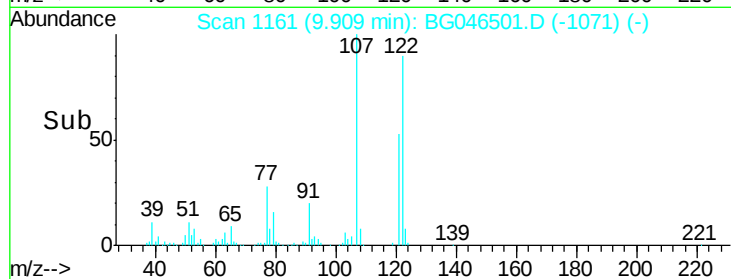
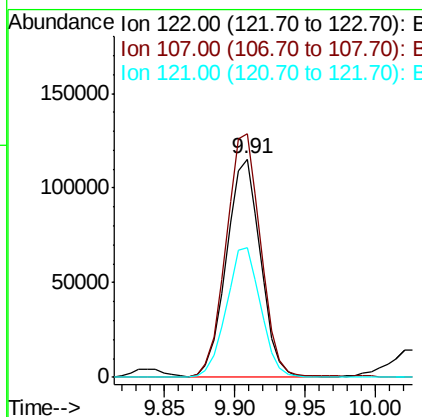
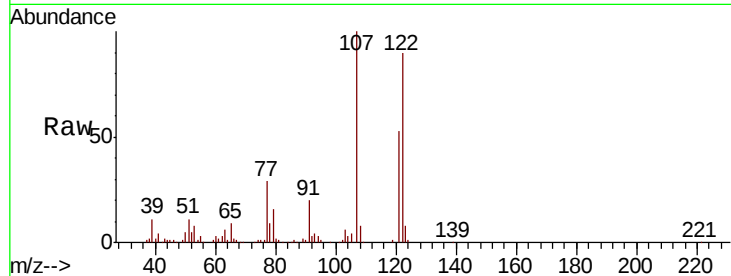
#27
2,4-Dimethylphenol
Concen: 50.178 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	192146		
107	111.5	88.2	132.2	
121	59.4	47.4	71.0	

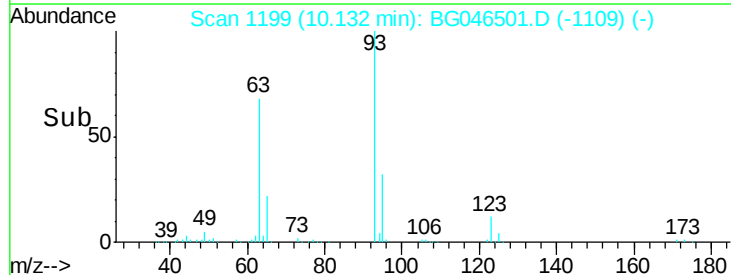
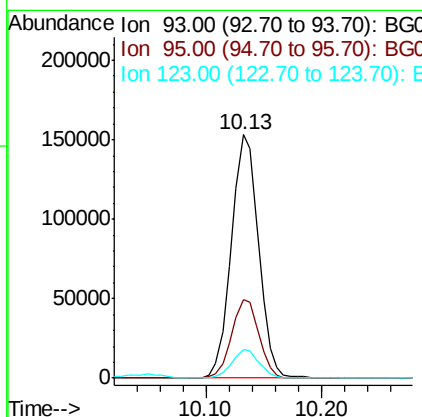
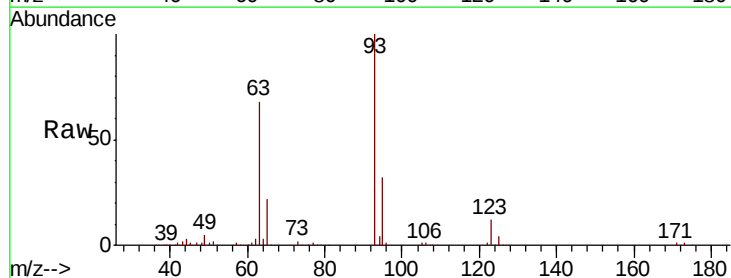
Manual Integrations
APPROVED

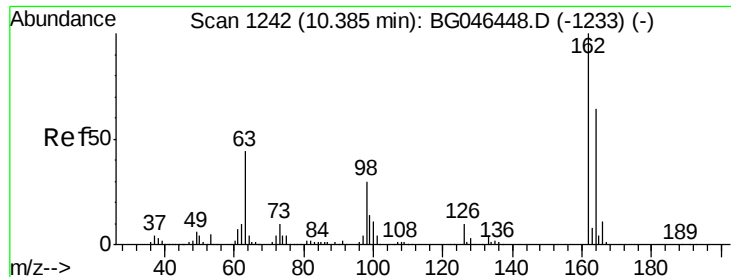
mohammad
9/3/2020 1:47:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.593 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	249555		
95	32.5	26.1	39.1	
123	11.8	9.5	14.3	





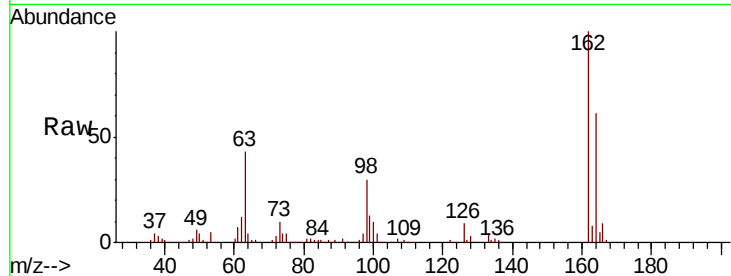
#29
2,4-Dichlorophenol
Concen: 43.125 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	220140		
164	61.0	44.3	84.3	
98	30.0	10.0	50.0	

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM

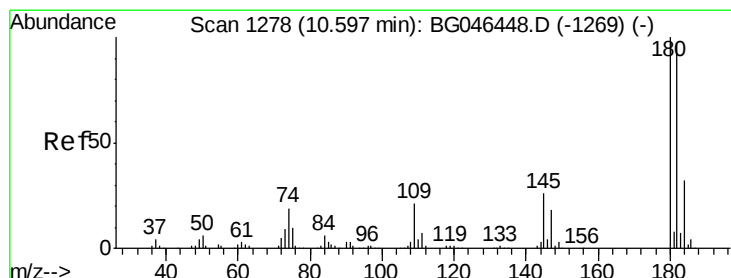
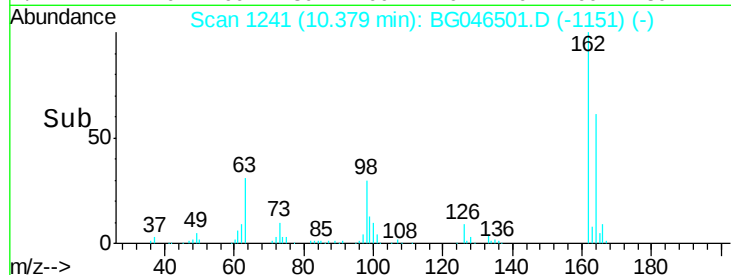
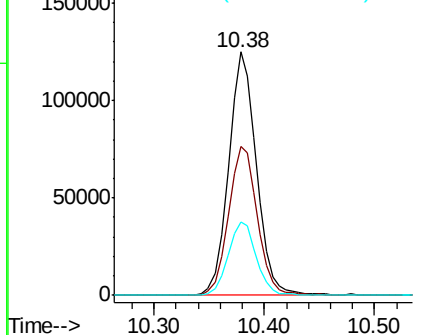


Abundance

Ion 162.00 (161.70 to 162.70): E

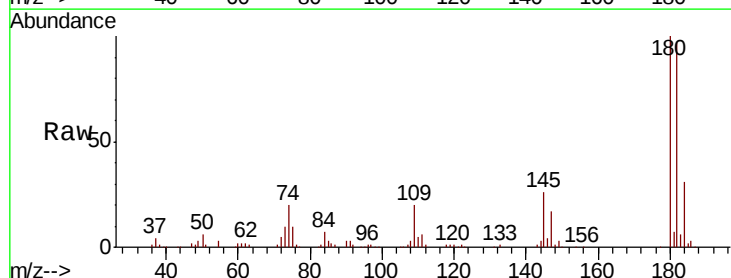
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 38.613 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	233866		
182	96.6	77.8	116.8	
145	25.9	20.9	31.3	

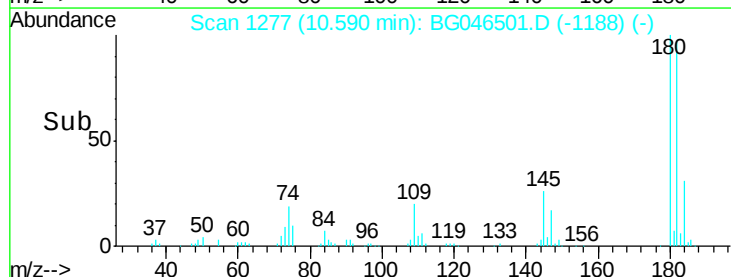
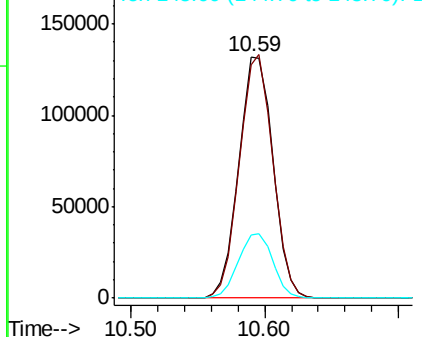


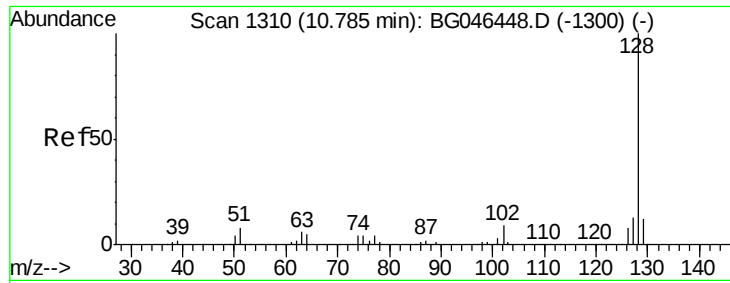
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





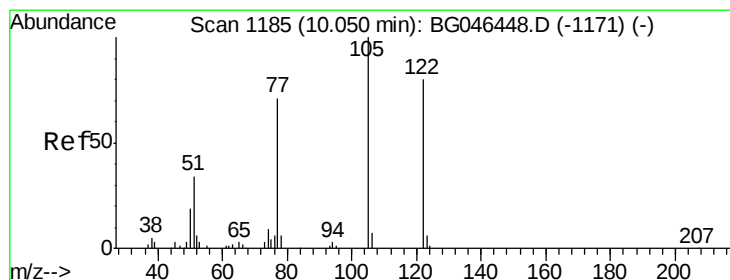
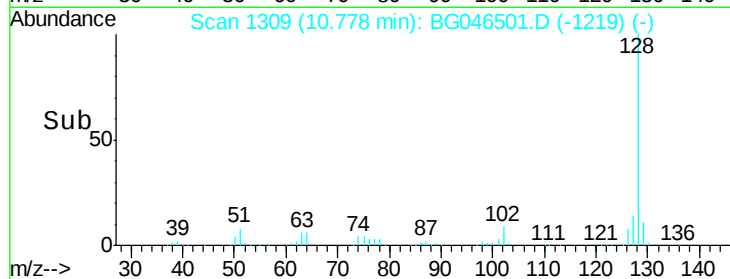
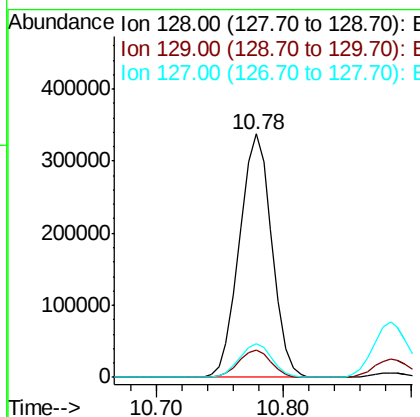
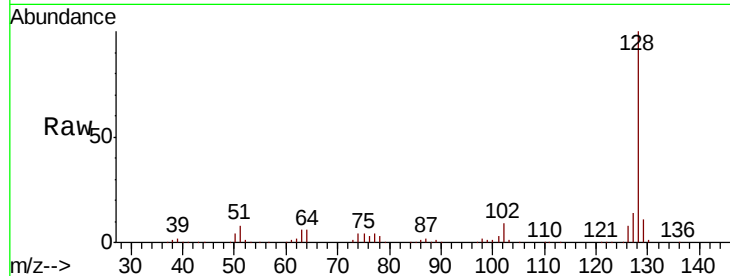
#31
Naphthalene
Concen: 40.118 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.8	10.7	16.1

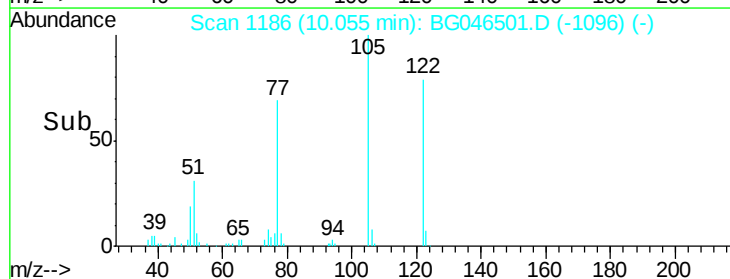
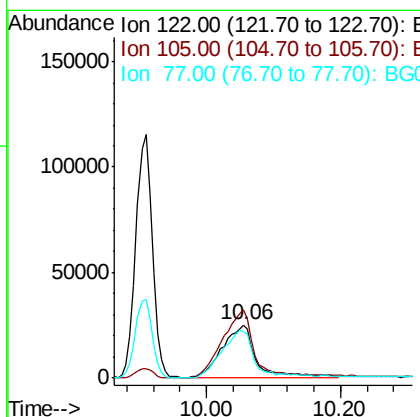
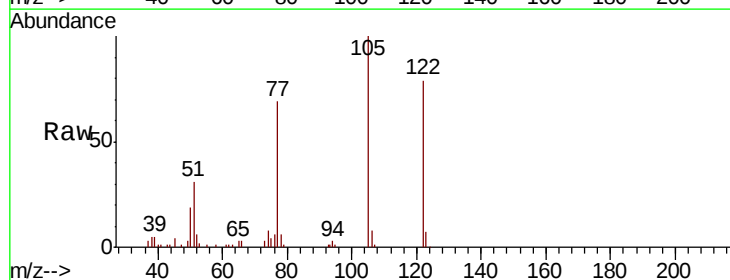
Manual Integrations
APPROVED

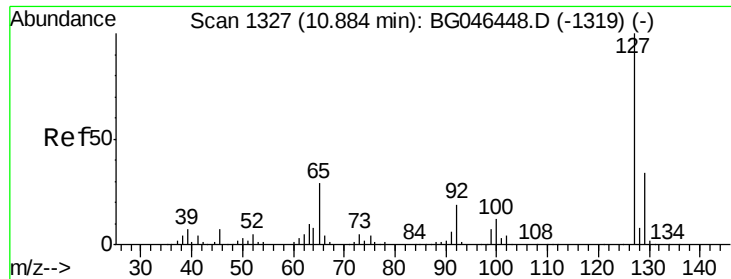
mohammad
9/3/2020 1:47:37 PM



#32
Benzoic acid
Concen: 33.881 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.6	102.5	142.5
77	87.1	68.2	108.2





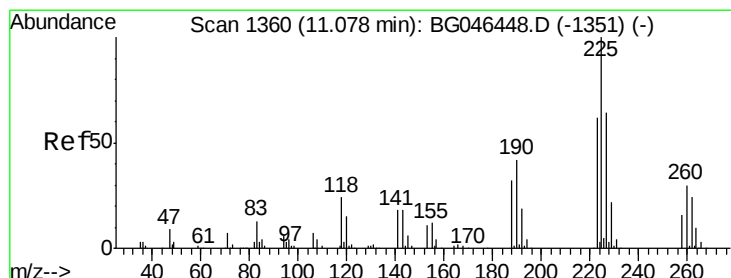
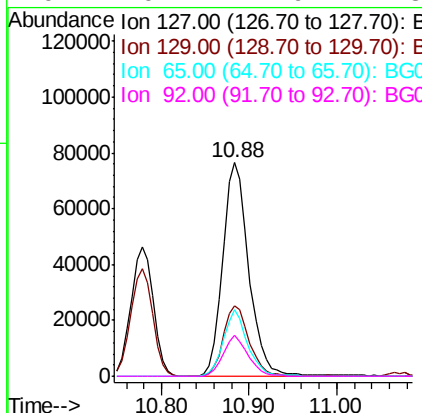
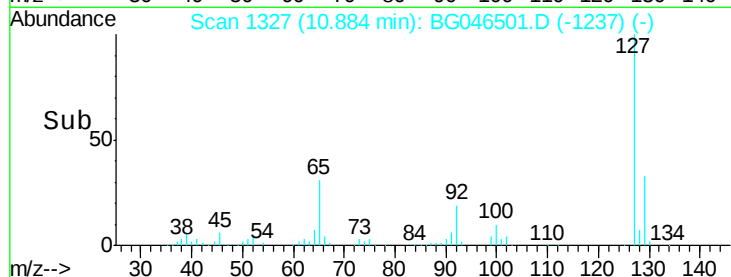
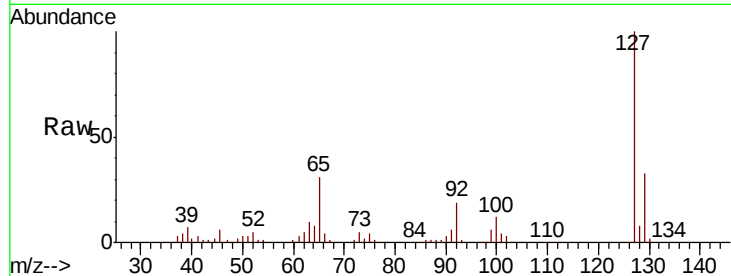
#33
4-Chloroaniline
Concen: 23.872 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		156903		
129	33.0	27.0	40.4		
65	31.2	23.5	35.3		
92	19.1	14.9	22.3		

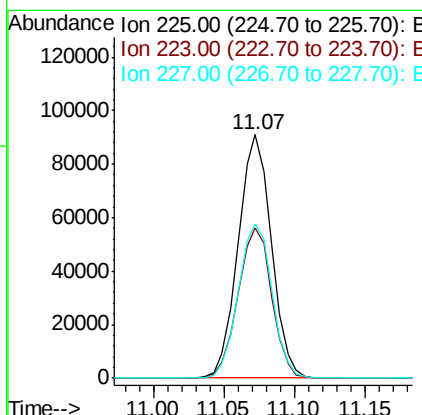
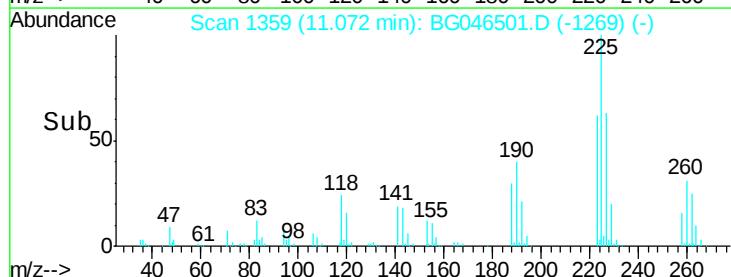
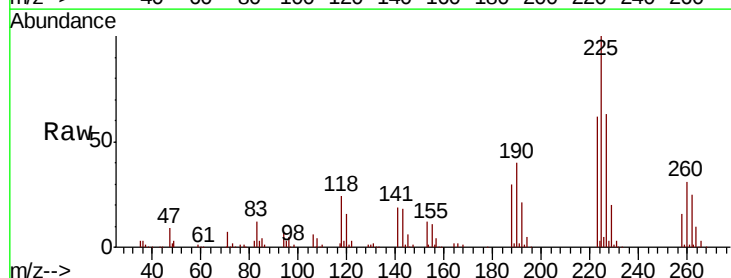
Manual Integrations
APPROVED

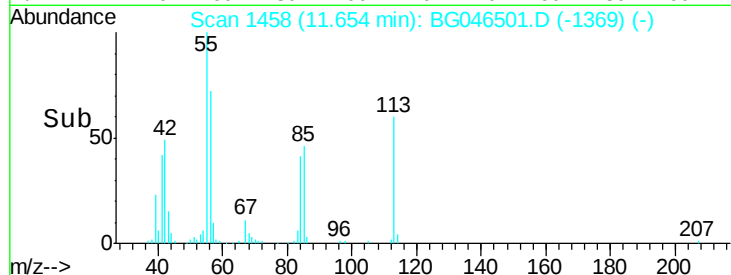
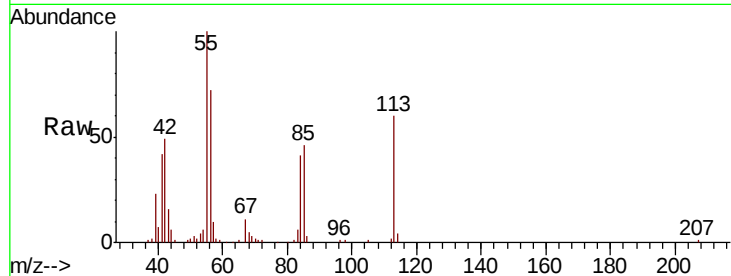
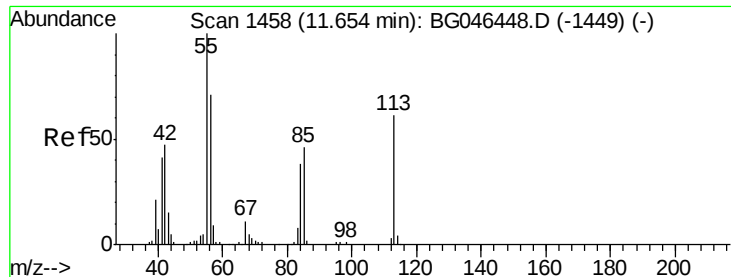
mohammad
9/3/2020 1:47:37 PM



#34
Hexachlorobutadiene
Concen: 38.060 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		149644		
223	61.8	49.9	74.9		
227	63.2	51.6	77.4		





#35

Caprolactam

Concen: 39.482 ng/mL

RT: 11.65 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Tot Ion:	113	Resp:	75338
Ion Ratio	Lower	Upper	
113	100		
55	165.4	144.2	184.2
56	118.8	97.0	137.0

Instrument :

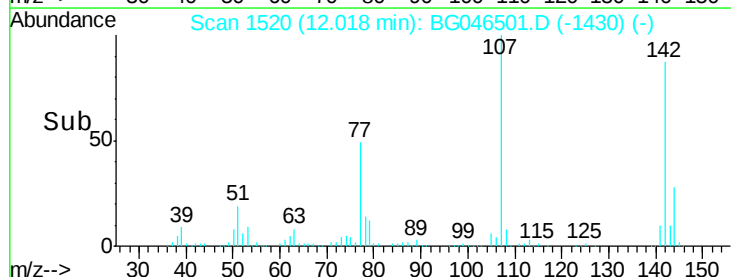
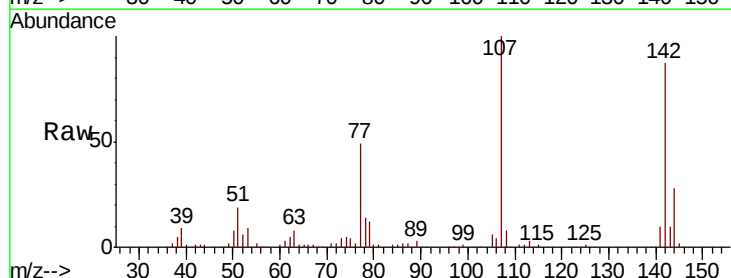
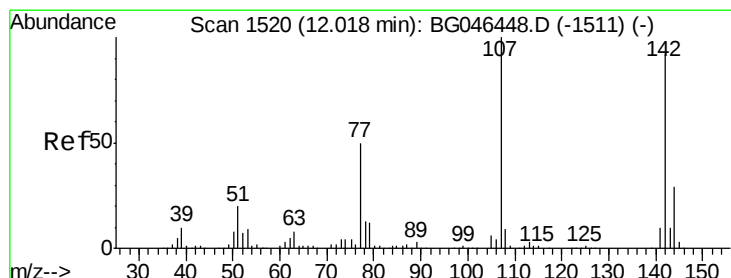
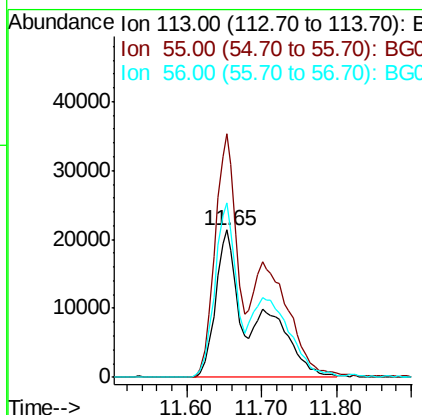
BNA_G

ClientSampleId :

PB131340BS

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



#36

4-Chloro-3-methylphenol

Concen: 42.624 ng/mL

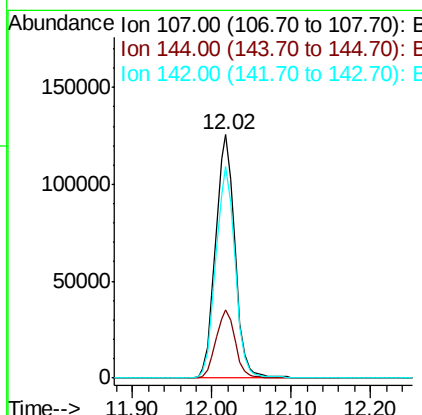
RT: 12.02 min Scan# 1520

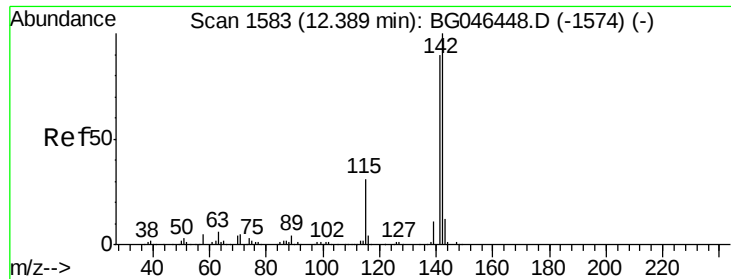
Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Tgt Ion:	107	Resp:	212808
Ion Ratio	Lower	Upper	
107	100		
144	28.1	23.3	34.9
142	87.0	73.7	110.5





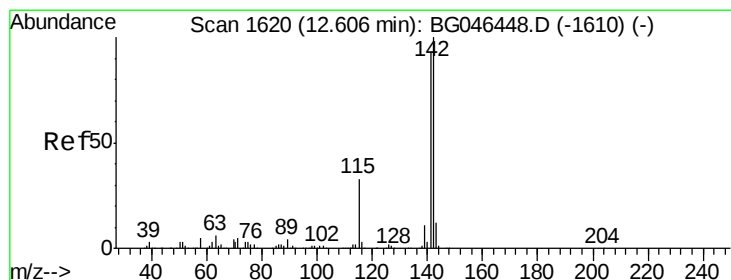
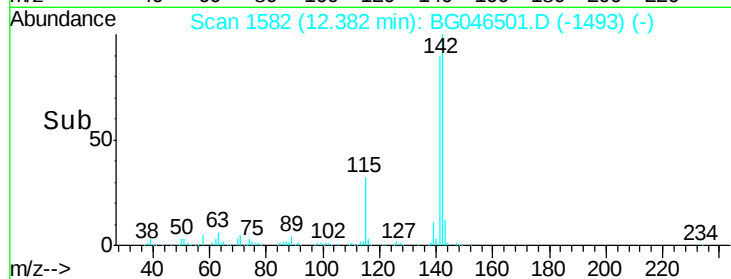
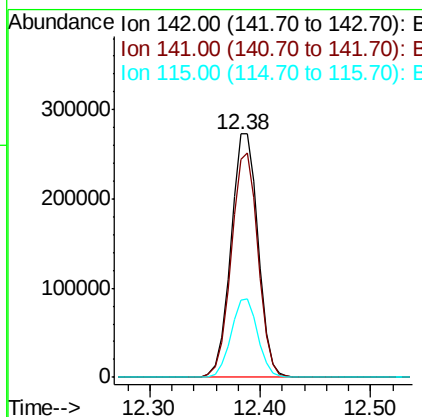
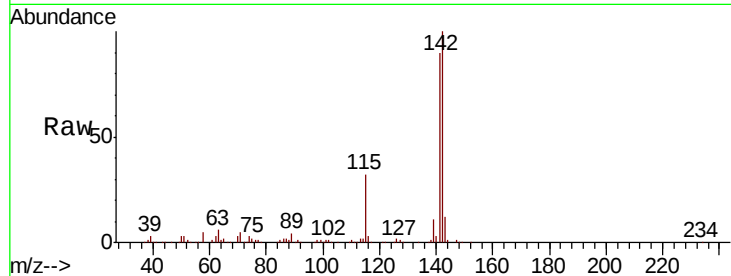
#37
2-Methylnaphthalene
Concen: 40.099 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.1	108.1
115	31.9	24.9	37.3

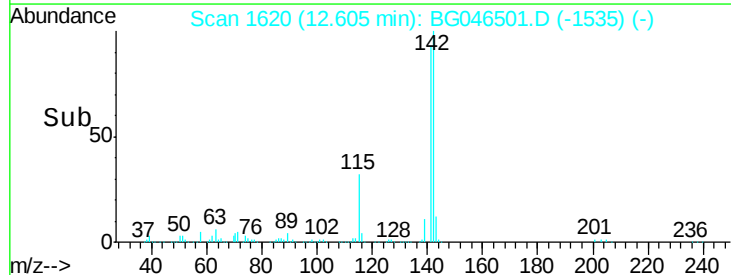
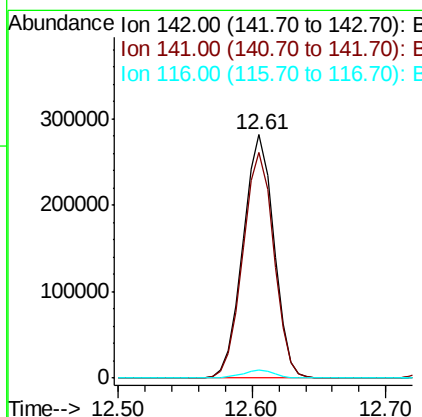
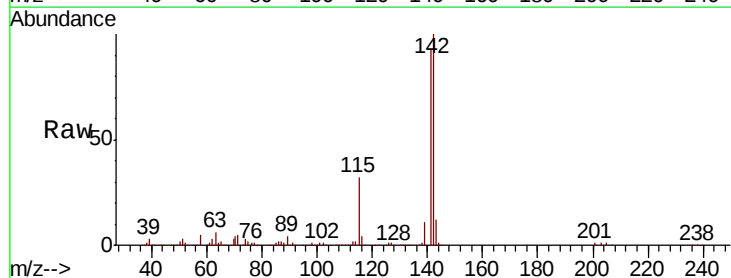
Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



#38
1-Methylnaphthalene
Concen: 40.447 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.7	112.1
116	3.6	2.6	4.0





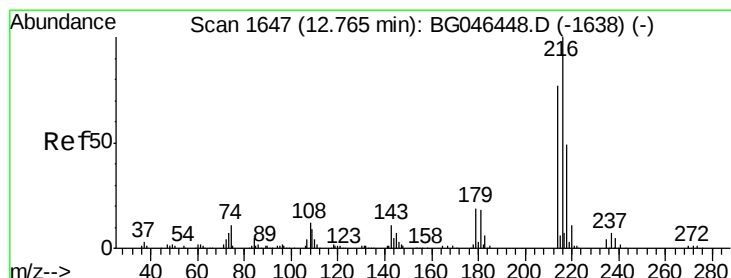
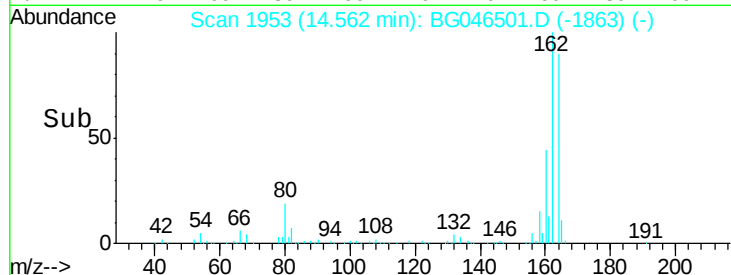
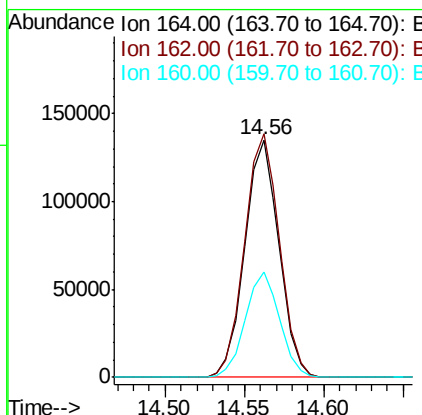
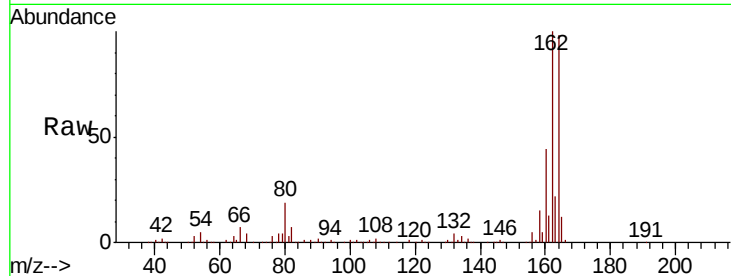
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	83.3	124.9	
160	44.5	35.0	52.6	

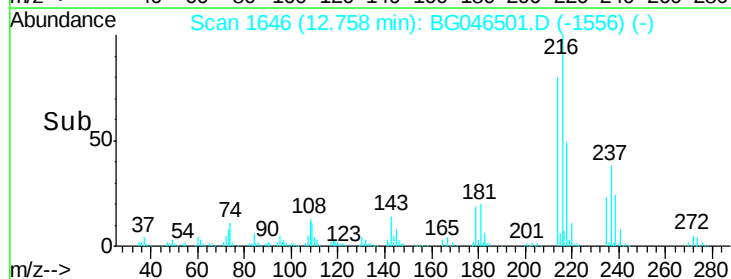
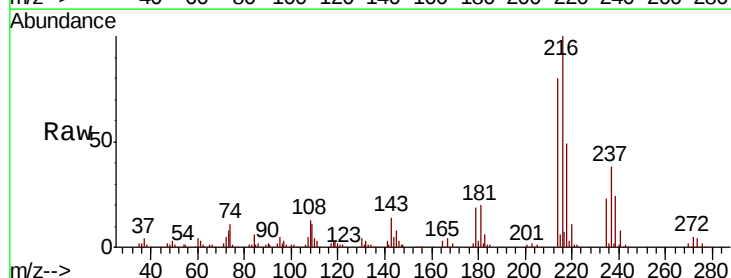
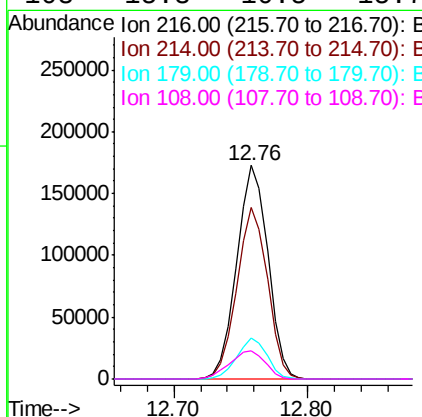
Manual Integrations
 APPROVED

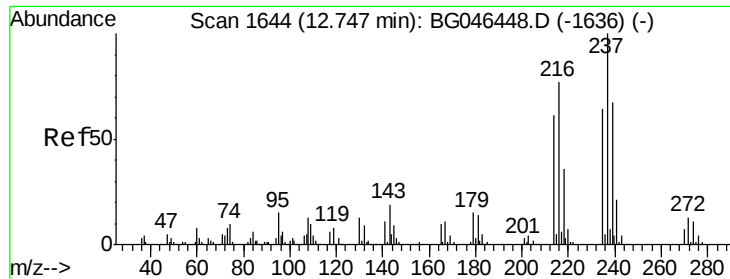
mohammad
 9/3/2020 1:47:37 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.965 ng
 RT: 12.76 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	62.1	93.1	
179	18.6	14.9	22.3	
108	15.3	10.5	15.7	





#41

Hexachlorocyclopentadiene

Concen: 120.535 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

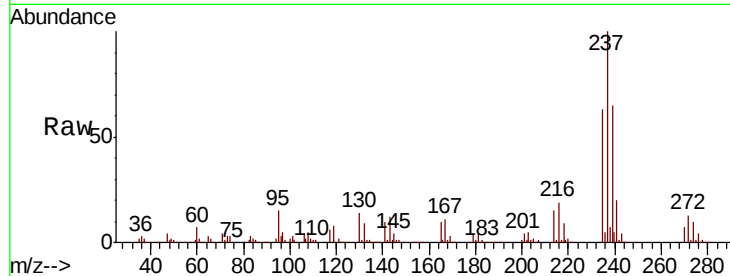
ClientSampleId :

PB131340BS

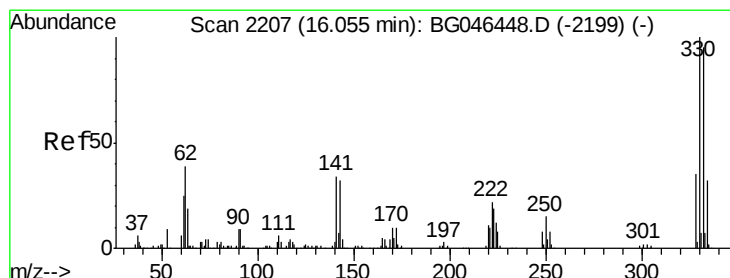
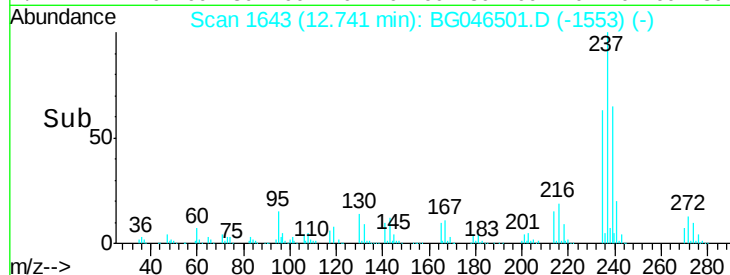
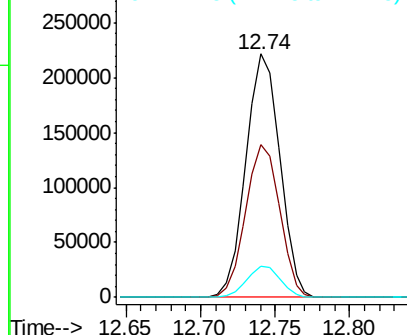
Tot Ion:	237	Resp:	348849
Ion Ratio	Lower	Upper	
237	100		
235	62.9	44.5	84.5
272	12.5	0.0	32.8

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



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



#42

2,4,6-Tribromophenol

Concen: 105.154 ng

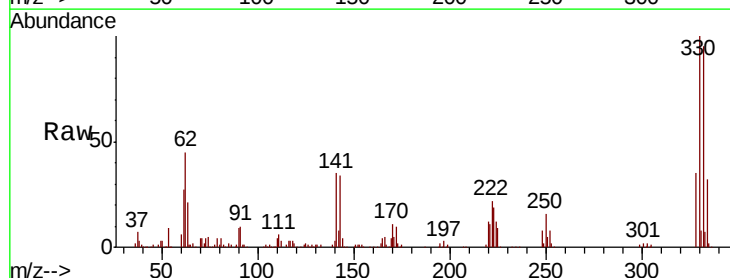
RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

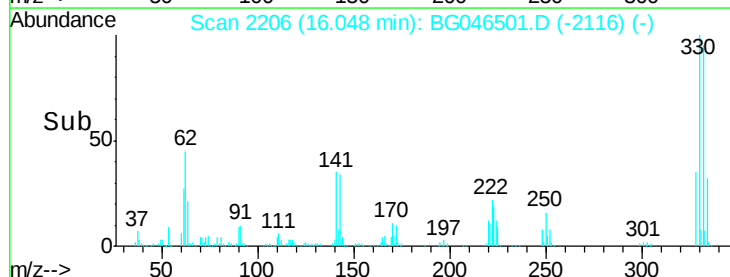
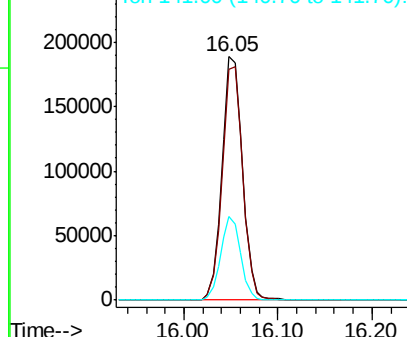
Lab File: BG046501.D

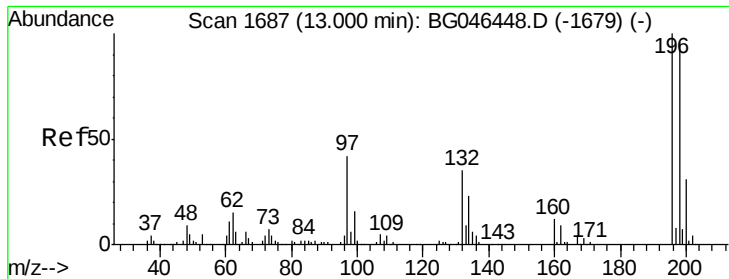
Acq: 2 Sep 2020 10:37

Tgt Ion:	330	Resp:	287577
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.1	114.1
141	33.5	26.1	39.1



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





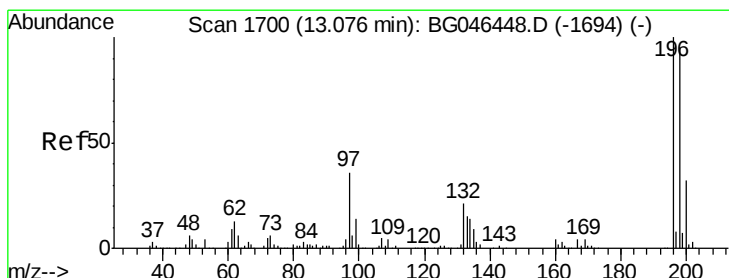
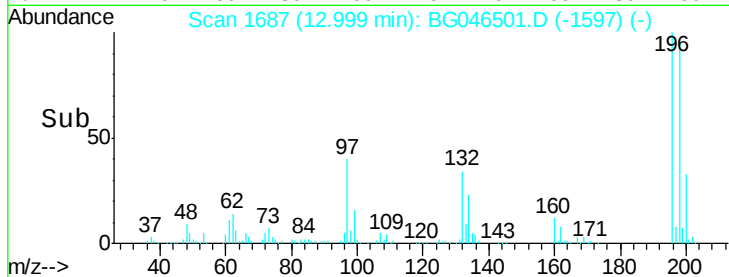
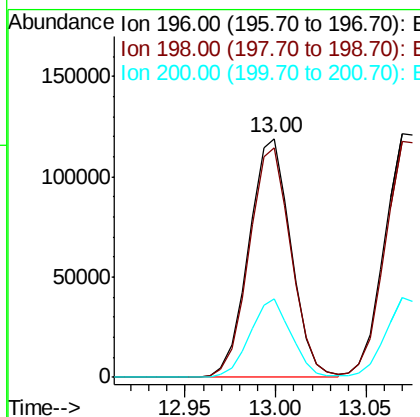
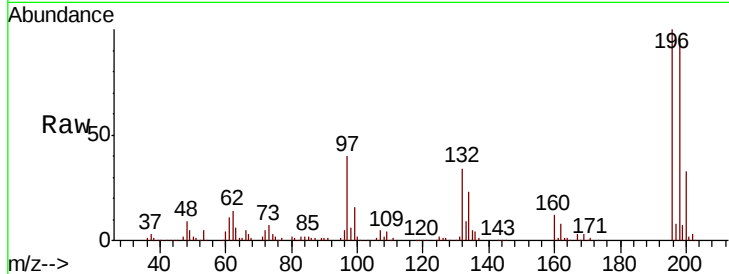
#43
 2,4,6-Trichlorophenol
 Concen: 42.685 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	191724		
198	96.5	77.0	115.6	
200	32.8	25.2	37.8	

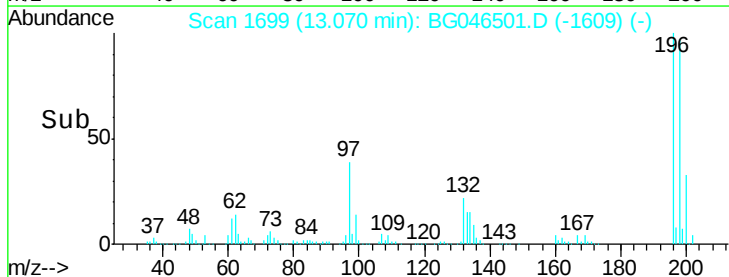
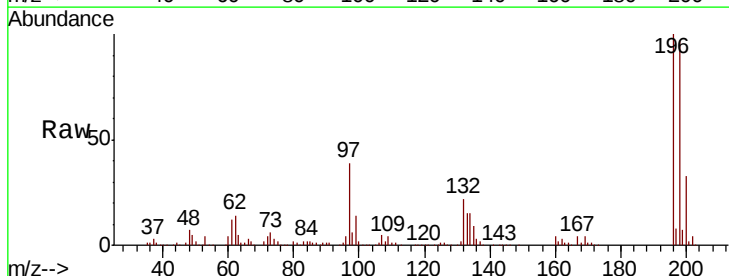
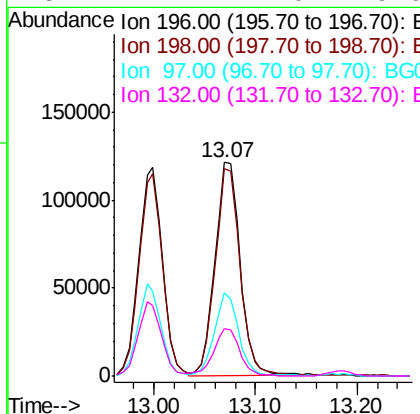
Manual Integrations
 APPROVED

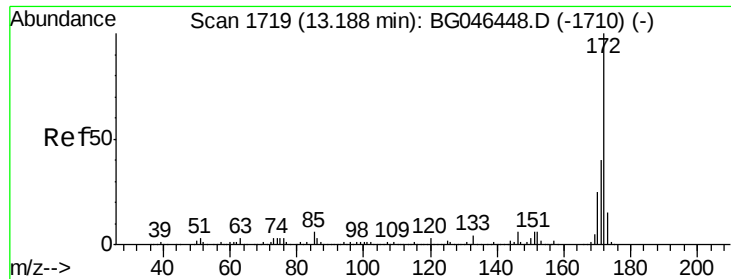
mohammad
 9/3/2020 1:47:37 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.345 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	209272		
198	96.9	75.6	113.4	
97	39.2	28.6	43.0	
132	22.4	17.0	25.6	





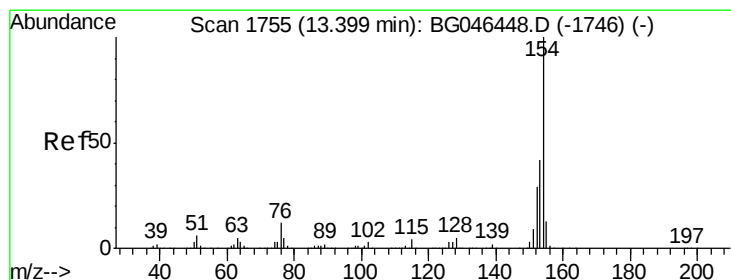
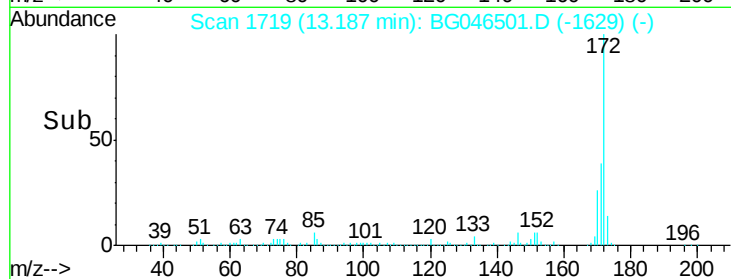
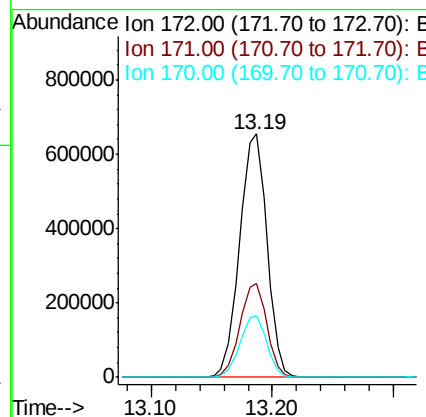
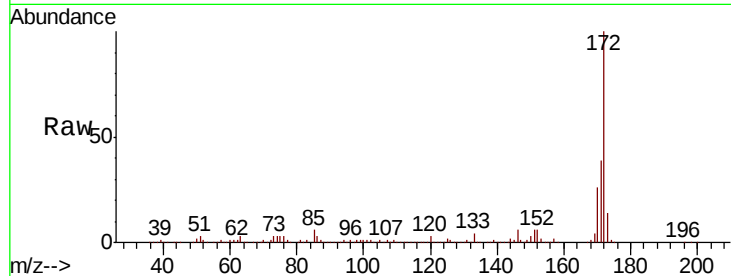
#45
 2-Fluorobiphenyl
 Concen: 78.376 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.8	47.6
170	25.6	20.3	30.5

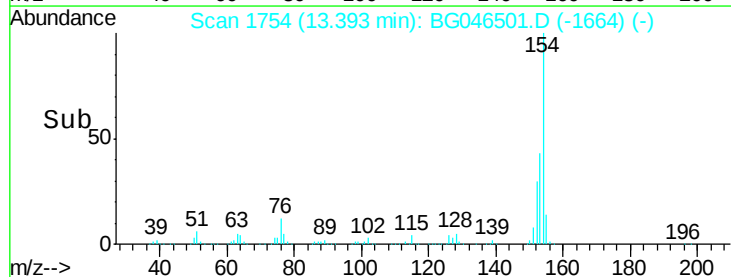
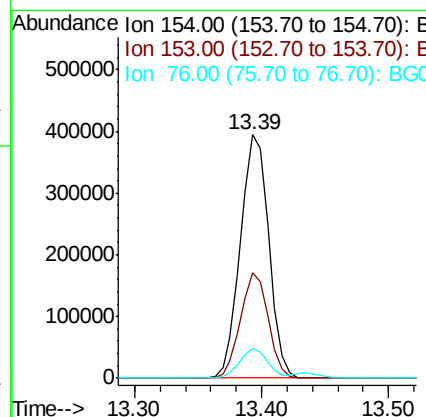
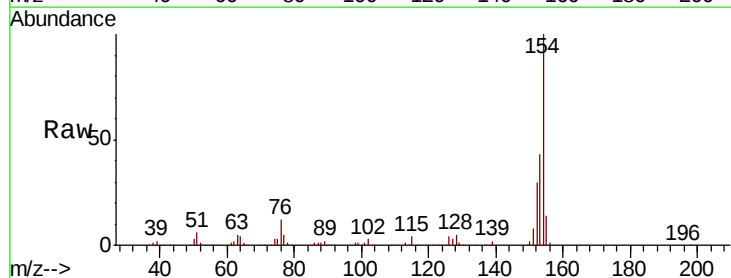
Manual Integrations
 APPROVED

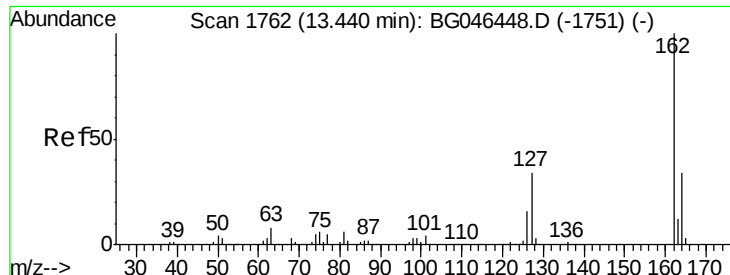
mohammad
 9/3/2020 1:47:37 PM



#46
 1,1'-Biphenyl
 Concen: 43.453 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.0	62.0
76	12.1	0.0	32.3





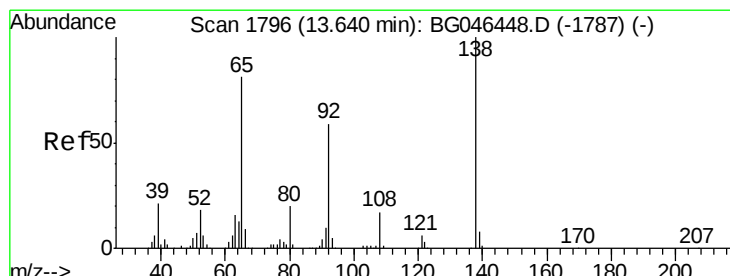
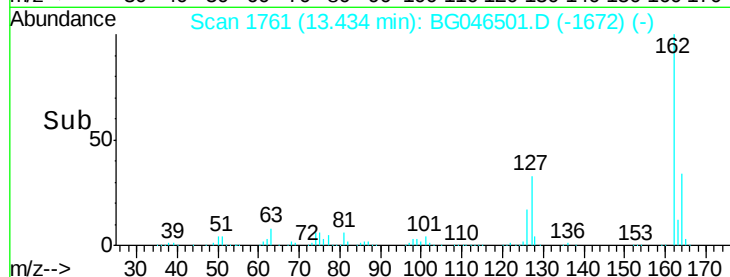
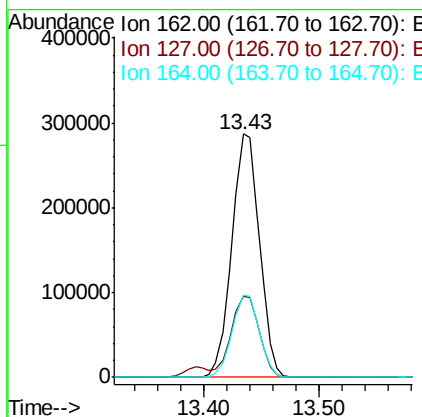
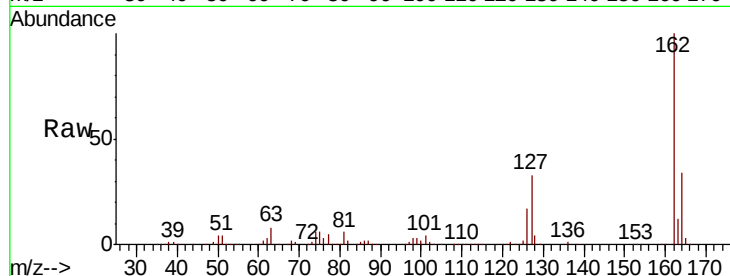
#47
 2-Chloronaphthalene
 Concen: 39.912 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	475216		
127	33.4	27.6	41.4	
164	33.9	27.3	40.9	

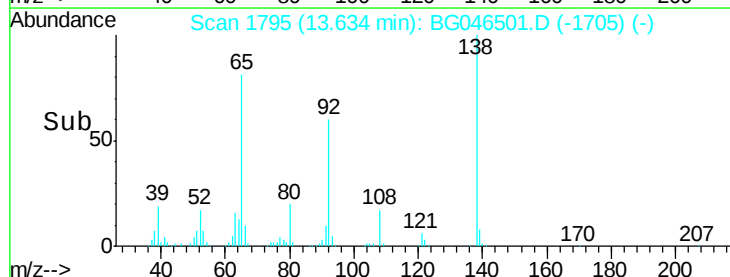
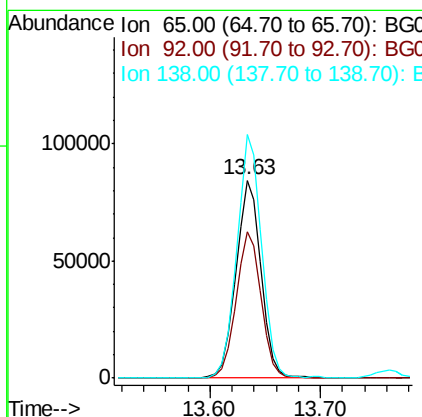
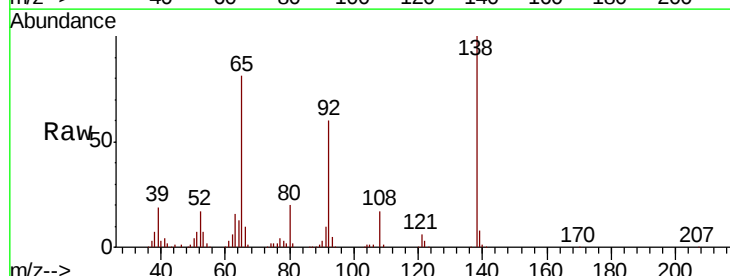
Manual Integrations
 APPROVED

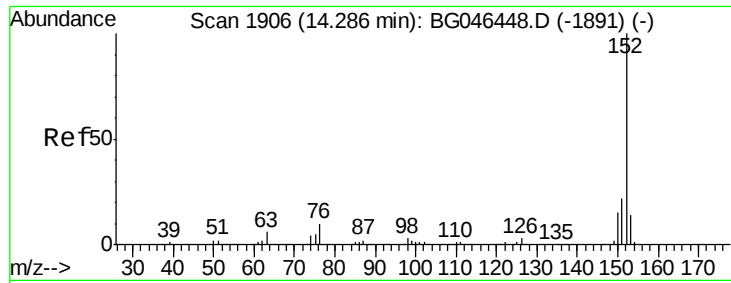
mohammad
 9/3/2020 1:47:37 PM



#48
 2-Nitroaniline
 Concen: 40.746 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	134712		
92	73.8	58.5	87.7	
138	123.0	98.4	147.6	





#49

Acenaphthylene

Concen: 42.671 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

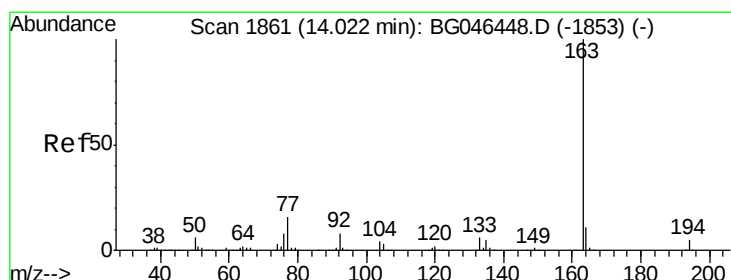
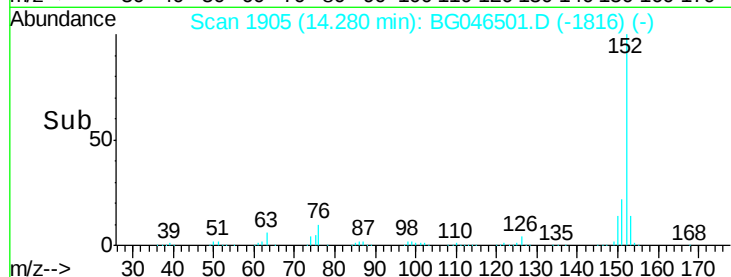
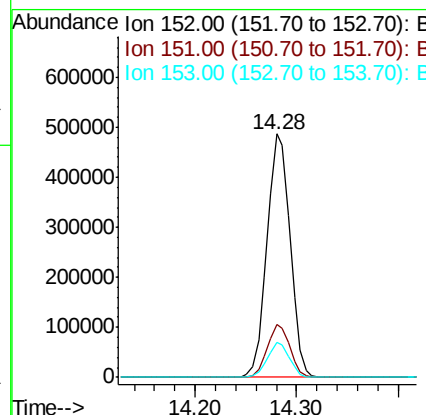
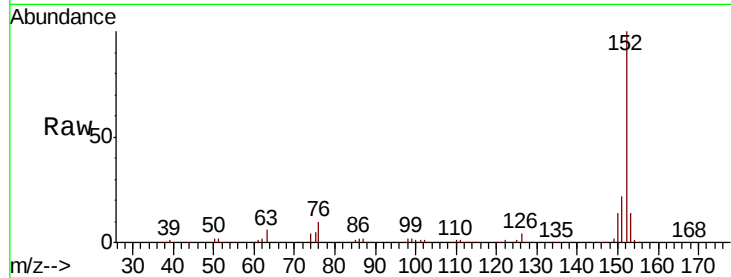
ClientSampleId :

PB131340BS

Tot Ion:	152	Resp:	770689
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.7	26.5
153	14.3	11.2	16.8

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



#50

Dimethylphthalate

Concen: 40.733 ng

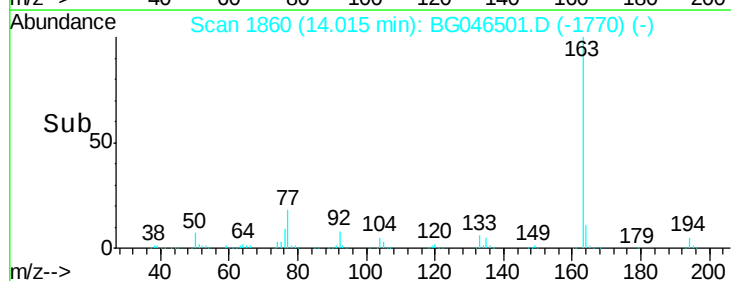
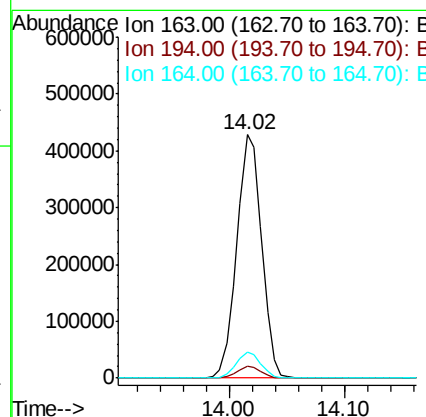
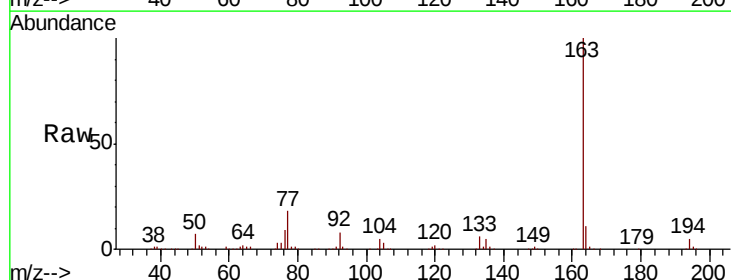
RT: 14.02 min Scan# 1860

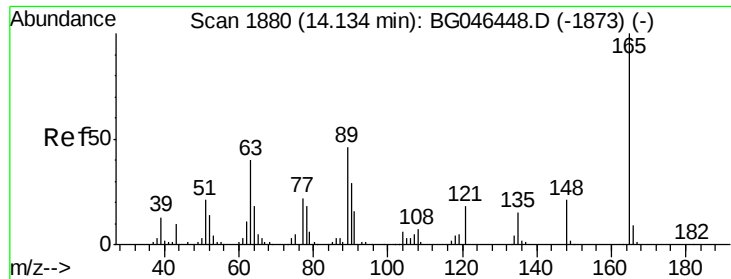
Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Tgt Ion:	163	Resp:	636070
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	10.7	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 42.910 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

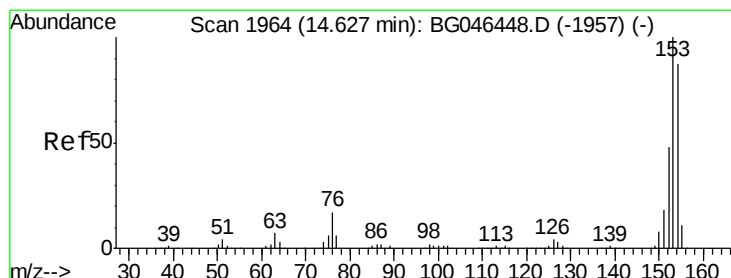
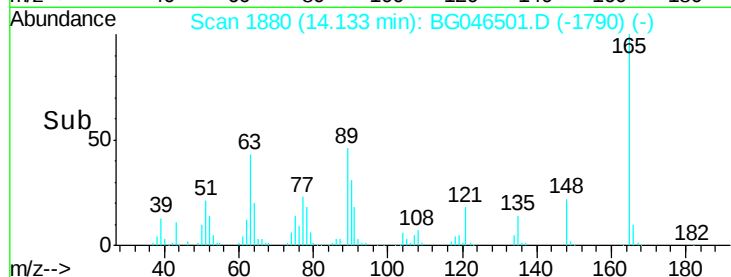
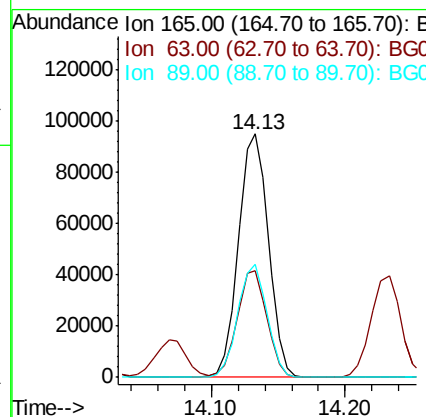
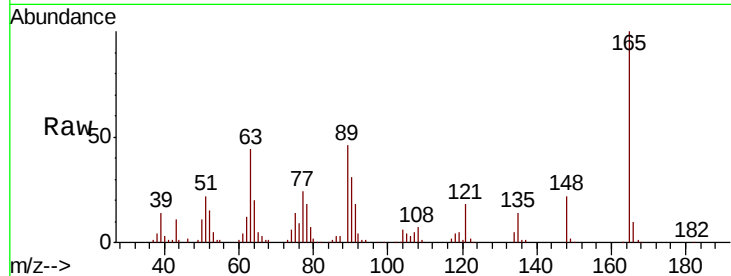
ClientSampleId :

PB131340BS

Tot Ion:	165	Resp:	147704
Ion Ratio	Lower	Upper	
165	100		
63	43.7	34.2	51.4
89	46.2	37.0	55.4

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



#52

Acenaphthene

Concen: 41.043 ng

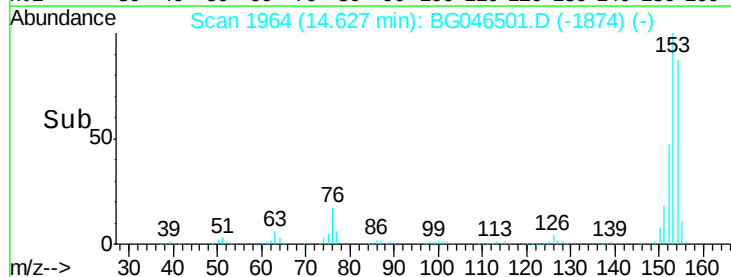
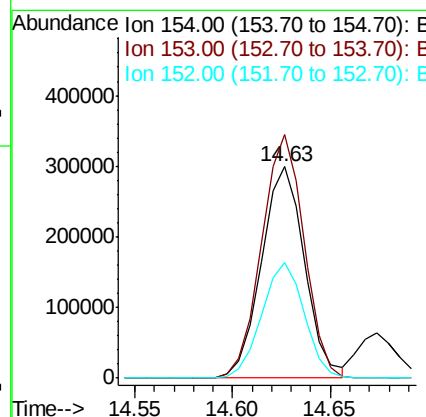
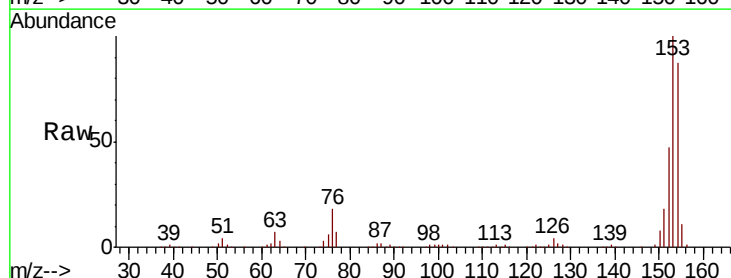
RT: 14.63 min Scan# 1964

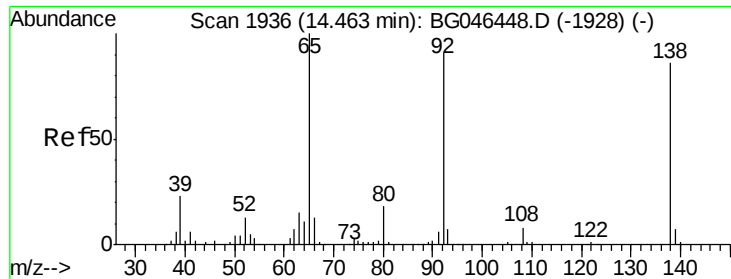
Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Tgt Ion:	154	Resp:	459362
Ion Ratio	Lower	Upper	
154	100		
153	115.1	91.9	137.9
152	54.4	43.8	65.6





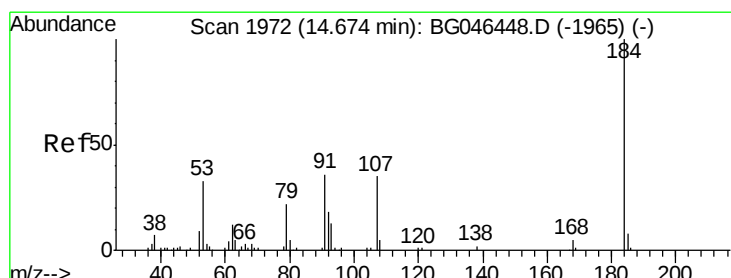
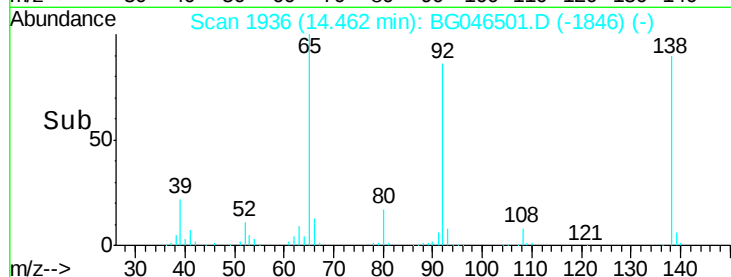
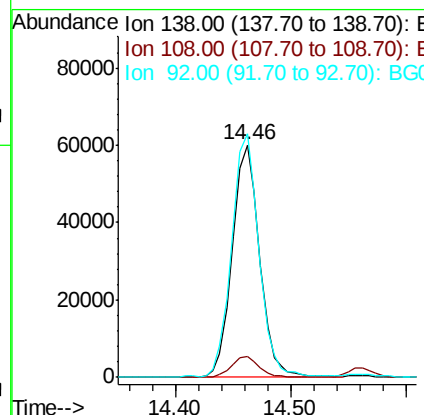
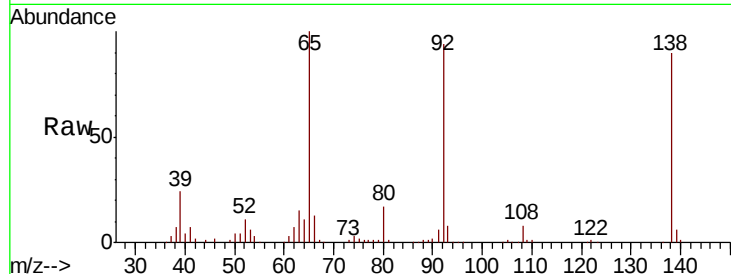
#53
3-Nitroaniline
Concen: 26.501 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.0	10.6
92	104.9	84.6	127.0

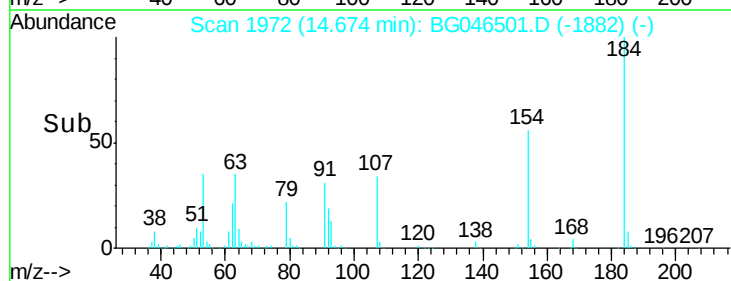
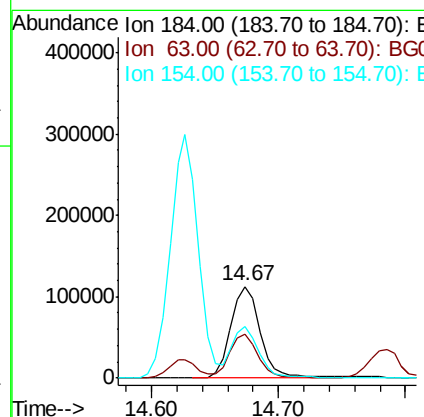
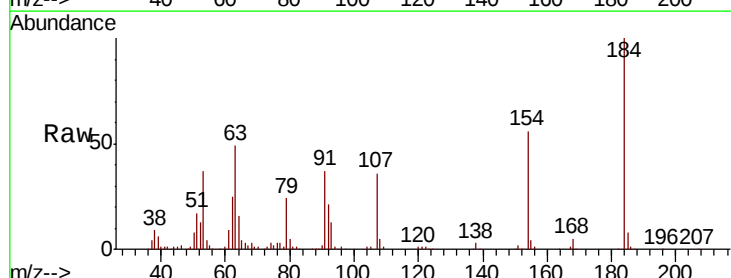
Manual Integrations
APPROVED

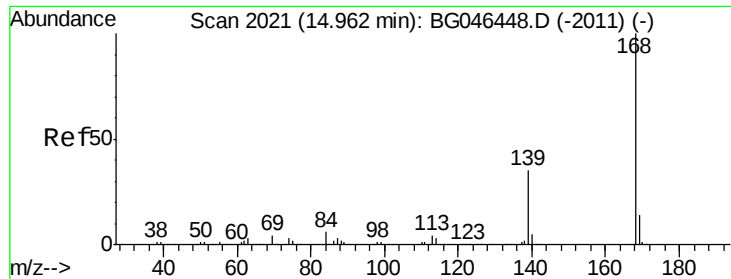
mohammad
9/3/2020 1:47:37 PM



#54
2,4-Dinitrophenol
Concen: 90.071 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.5	35.6	53.4
154	56.4	44.3	66.5





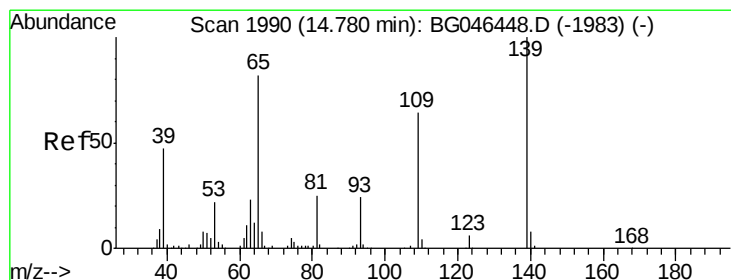
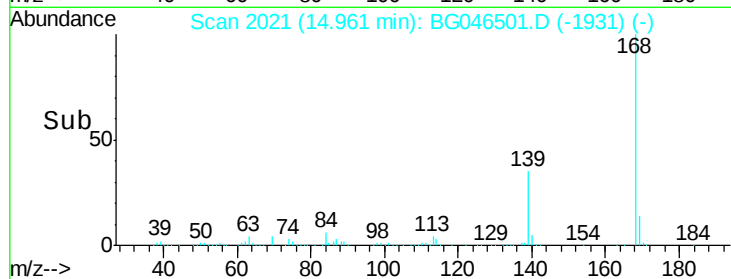
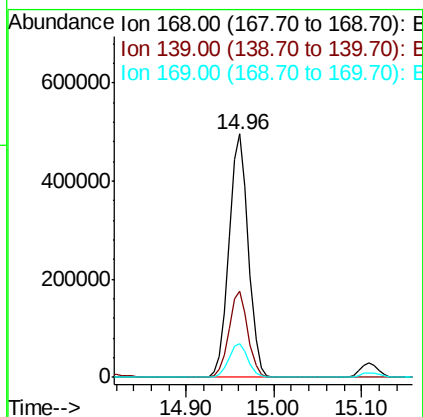
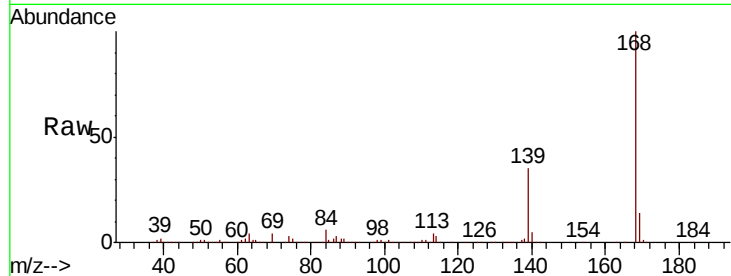
#55
Dibenzenofuran
Concen: 41.495 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	28.1	42.1
169	13.9	11.5	17.3

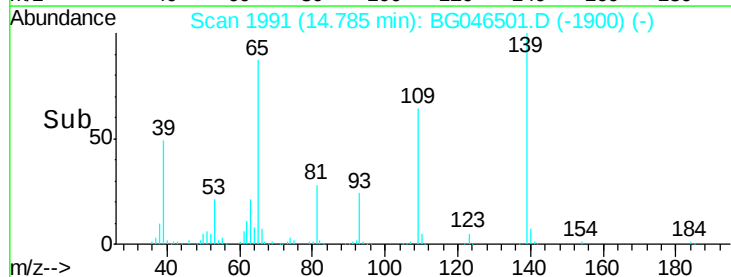
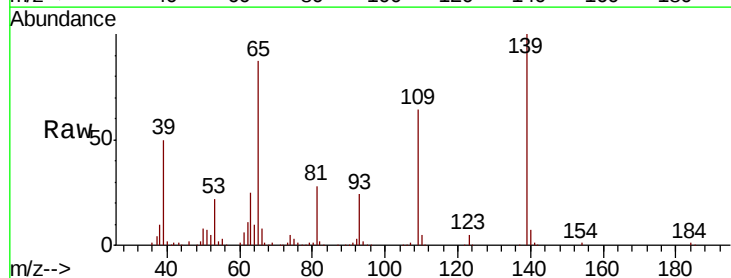
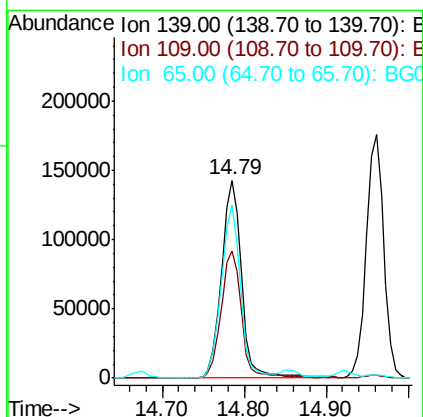
Manual Integrations
APPROVED

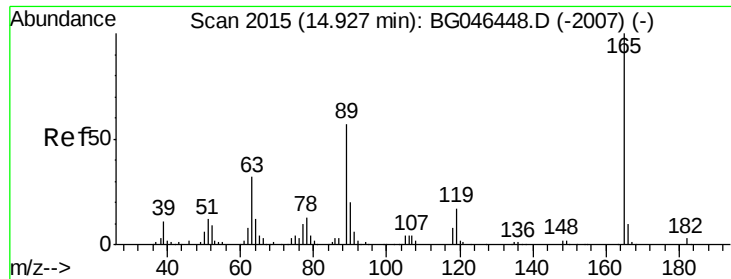
mohammad
9/3/2020 1:47:37 PM



#56
4-Nitrophenol
Concen: 89.187 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.4	44.3	84.3
65	87.5	61.5	101.5





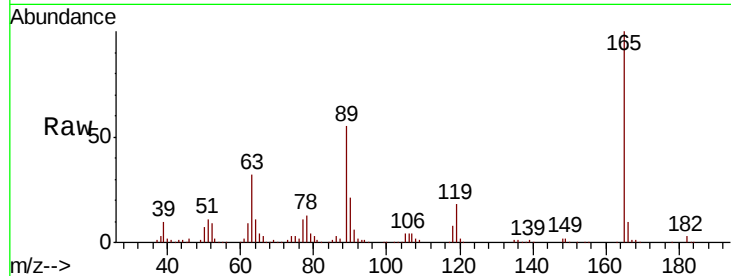
#57
 2,4-Dinitrotoluene
 Concen: 43.114 ng
 RT: 14.93 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		211608		
63	31.9	25.4	38.0		
89	55.0	45.9	68.9		
182	3.1	2.3	3.5		

Manual Integrations
 APPROVED

mohammad
 9/3/2020 1:47:37 PM



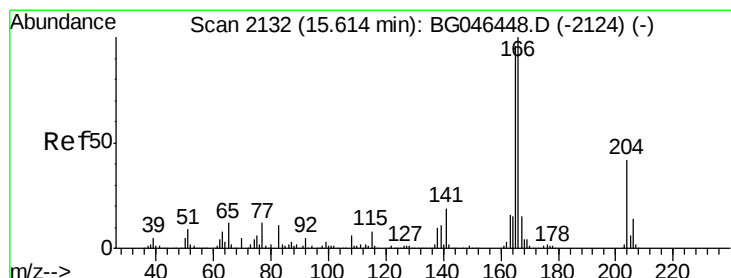
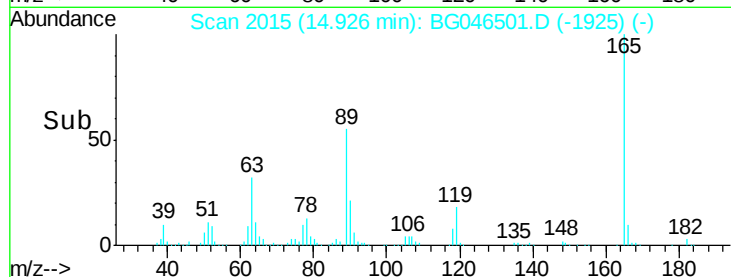
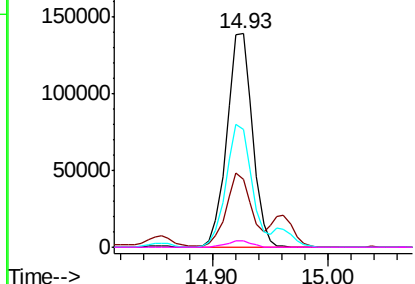
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

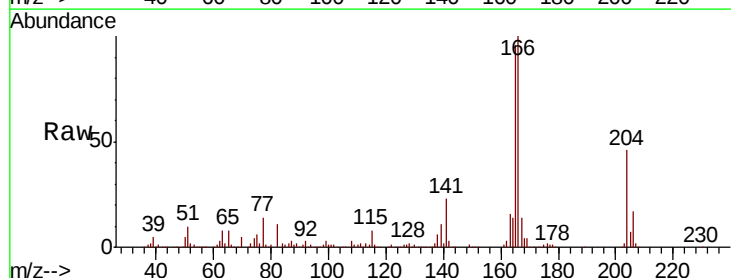
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.189 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		620939		
165	95.9	77.0	115.4		
167	14.0	11.8	17.6		

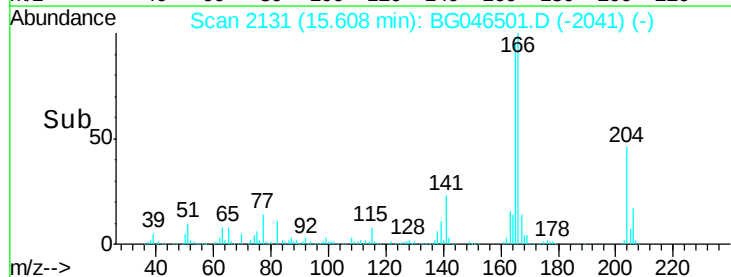
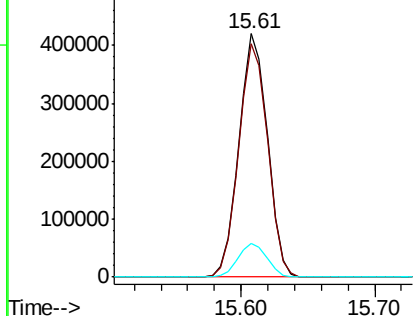


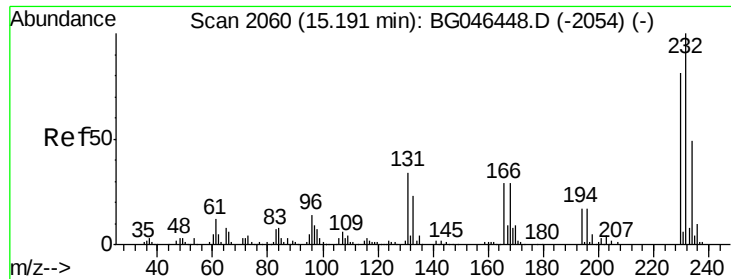
Abundance

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





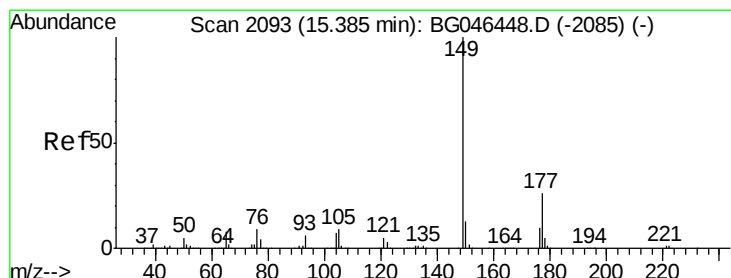
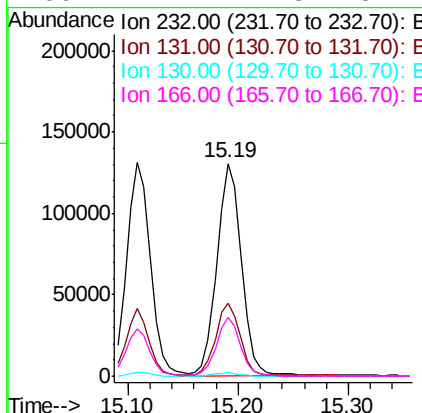
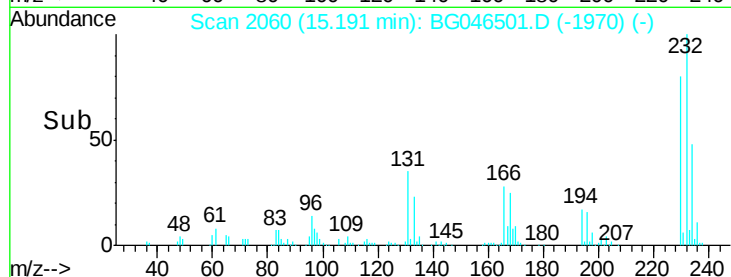
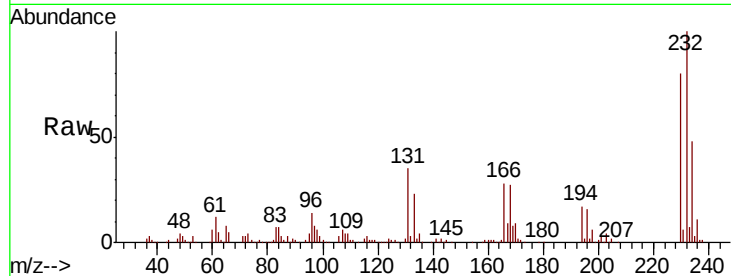
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.939 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	201361		
131	34.2	26.8	40.2	
130	1.9	1.4	2.2	
166	27.1	22.8	34.2	

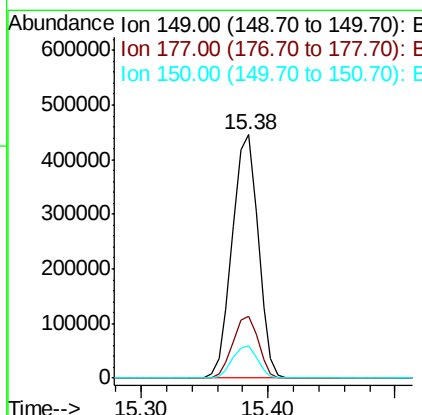
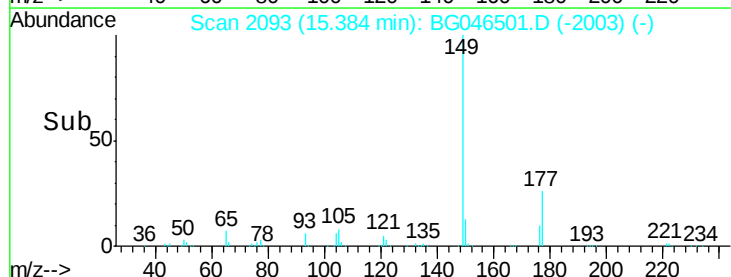
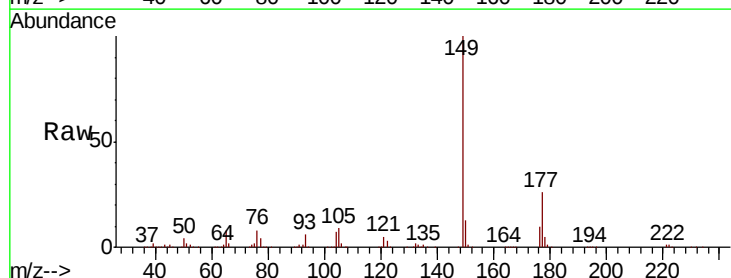
Manual Integrations
APPROVED

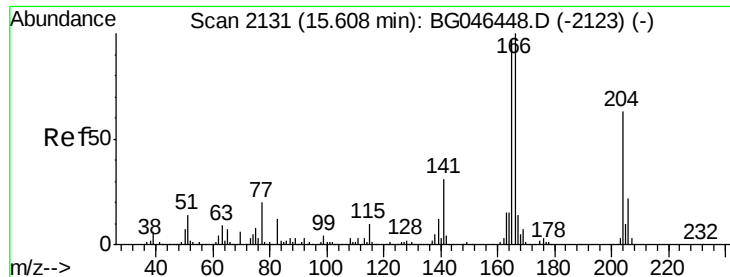
mohammad
9/3/2020 1:47:37 PM



#60
Diethylphthalate
Concen: 41.440 ng
RT: 15.38 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	630922		
177	25.6	20.6	30.8	
150	13.1	10.3	15.5	





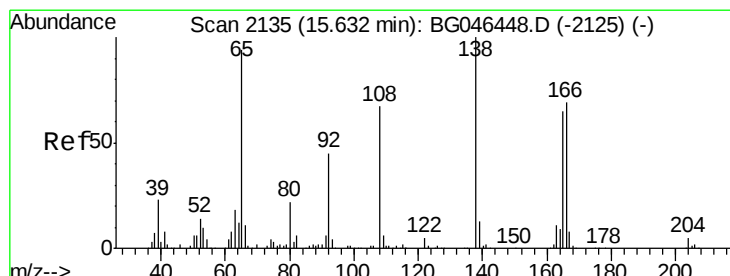
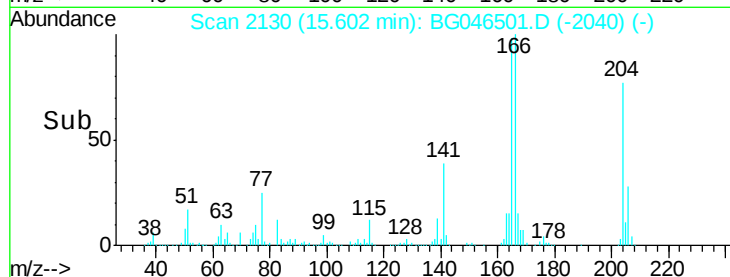
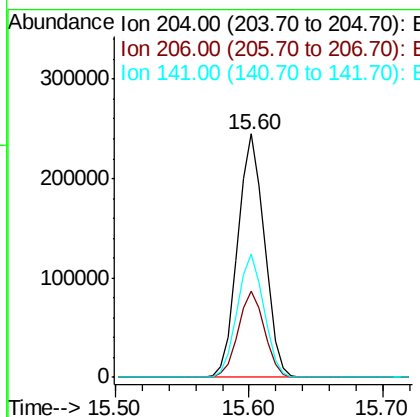
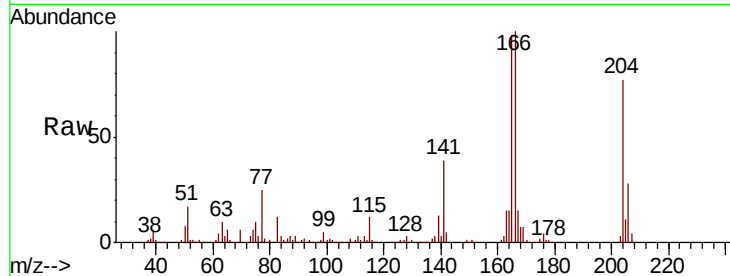
#61
 4-Chlorophenyl-phenylether
 Concen: 40.949 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

Tot Ion:	204	Resp:	339977
Ion Ratio	Lower	Upper	
204	100		
206	35.6	27.7	41.5
141	50.9	38.7	58.1

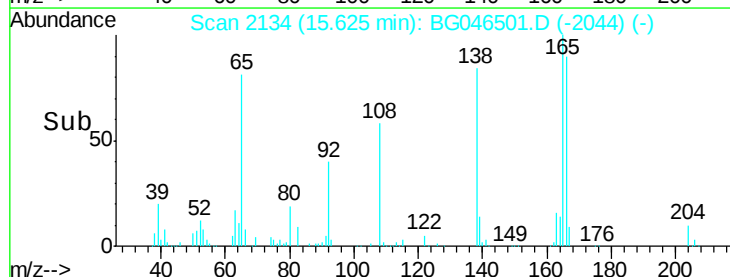
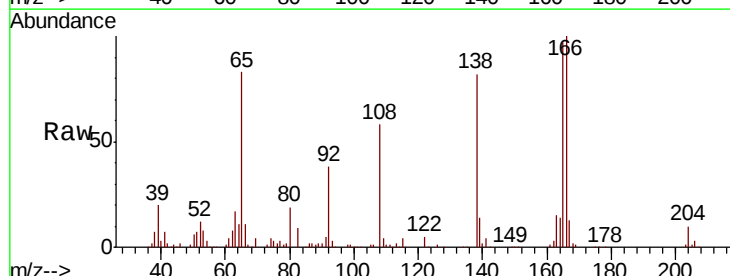
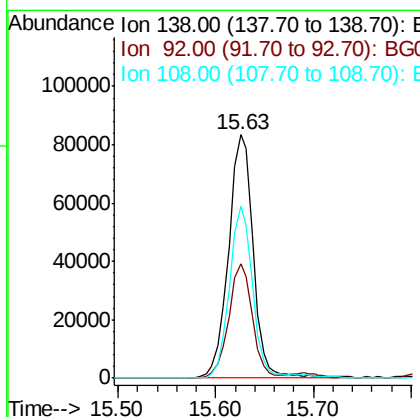
Manual Integrations
 APPROVED

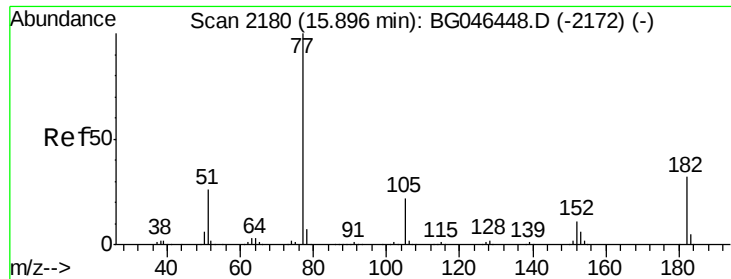
mohammad
 9/3/2020 1:47:37 PM



#62
 4-Nitroaniline
 Concen: 37.283 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion:	138	Resp:	146678
Ion Ratio	Lower	Upper	
138	100		
92	47.1	25.3	65.3
108	70.7	46.7	86.7





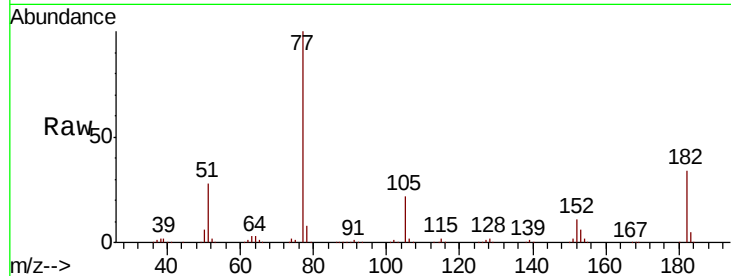
#63
Azobenzene
Concen: 42.798 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

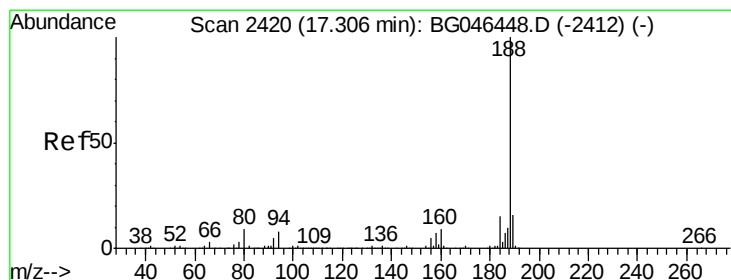
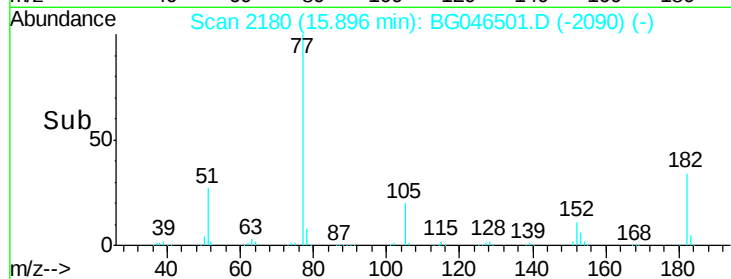
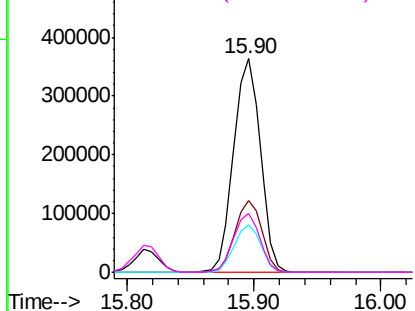
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		530040		
182	33.6	12.3	52.3		
105	22.3	2.3	42.3		
51	27.6	6.5	46.5		

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM

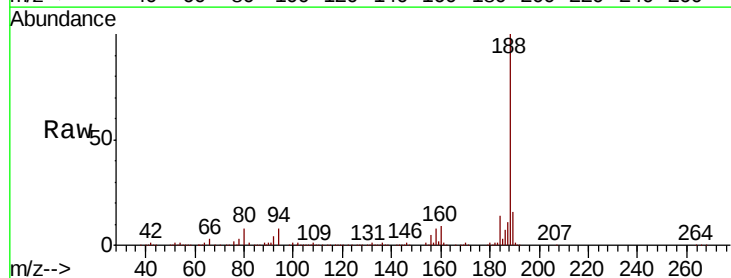


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

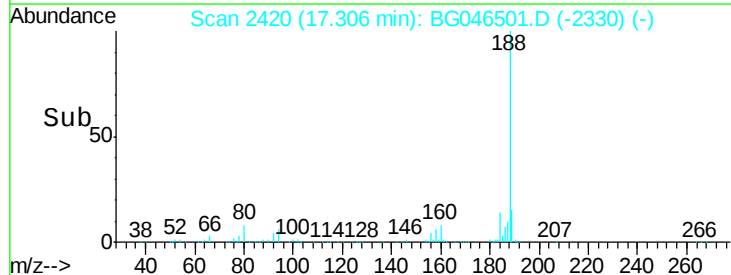
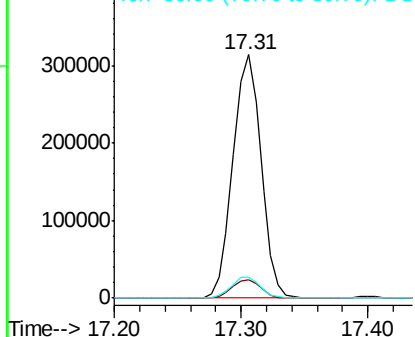


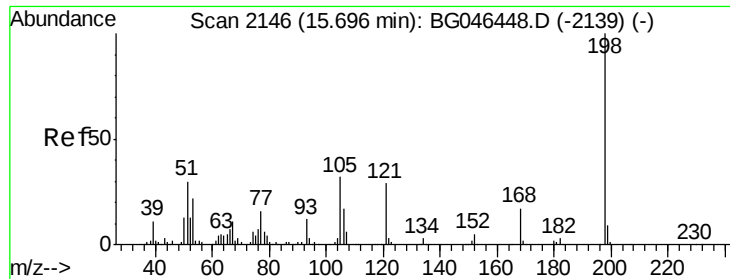
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		482080		
94	7.5	6.3	9.5		
80	8.4	6.9	10.3		



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





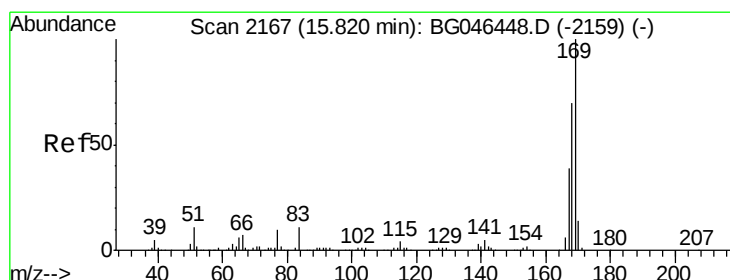
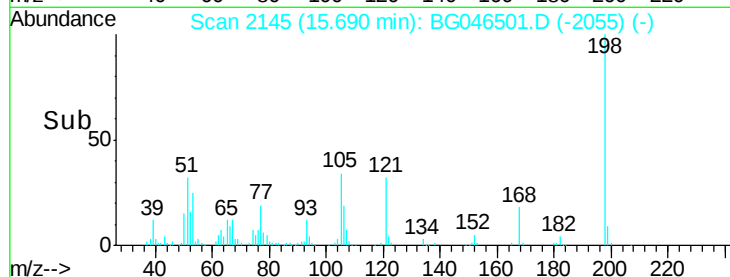
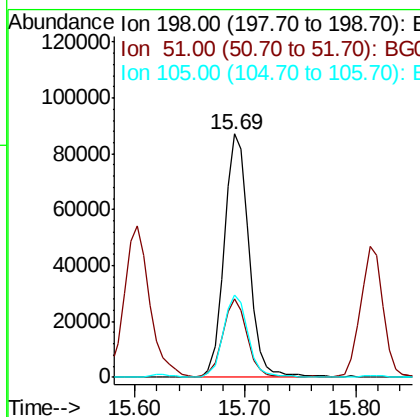
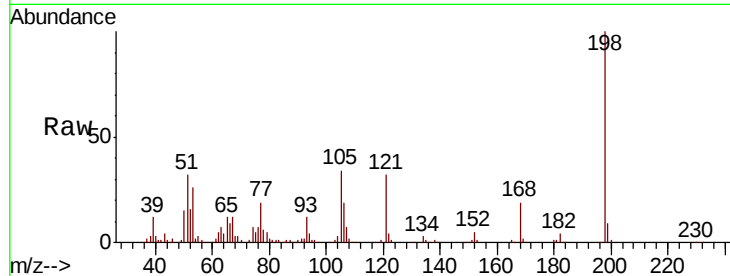
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.042 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	136544		
51	32.0		10.4	50.4
105	34.0		12.4	52.4

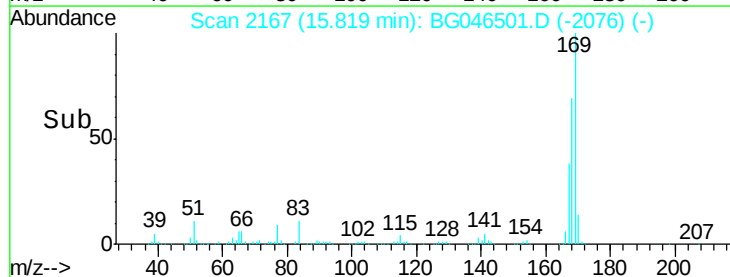
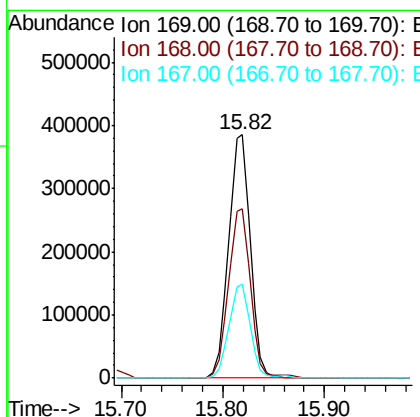
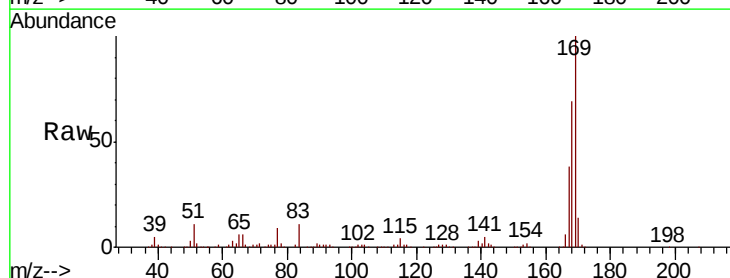
Manual Integrations
 APPROVED

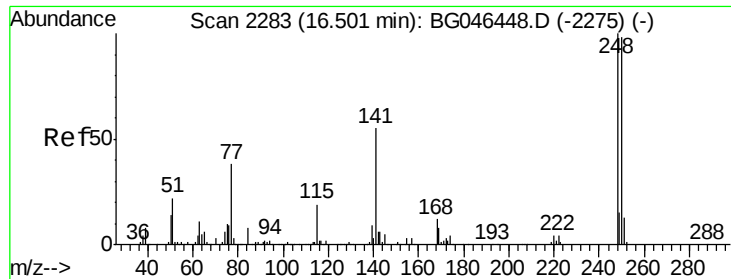
mohammad
 9/3/2020 1:47:37 PM



#66
 n-Nitrosodiphenylamine
 Concen: 43.727 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.01 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	568695		
168	69.4		55.8	83.8
167	38.4		31.0	46.6





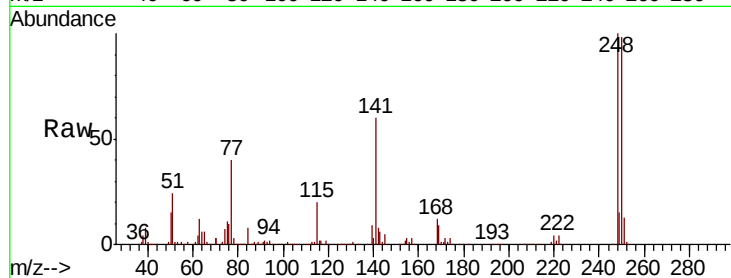
#67
4-Bromophenyl-phenylether
Concen: 42.422 ng
RT: 16.49 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.6	118.0
141	59.9	43.9	65.9

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM

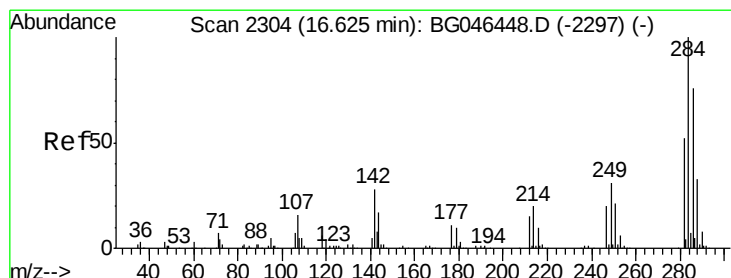
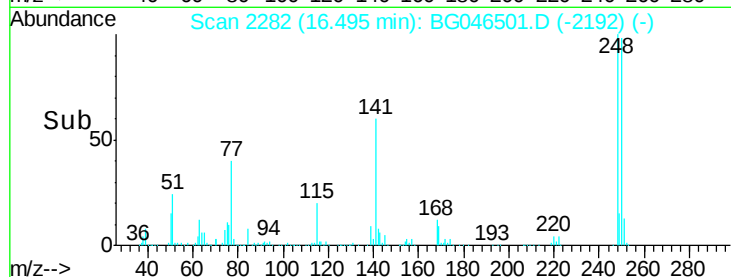
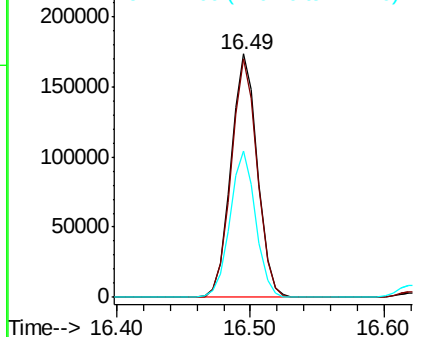


Abundance

Ion 248.00 (247.70 to 248.70): E

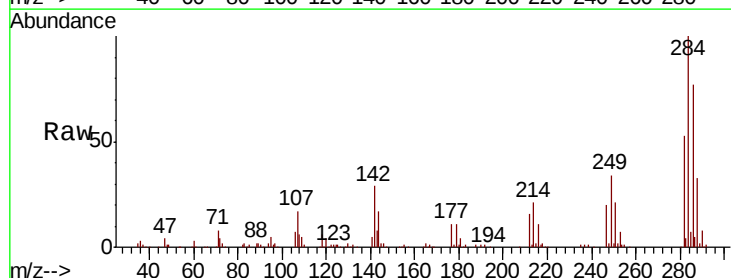
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.388 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	22.3	33.5
249	33.9	24.8	37.2

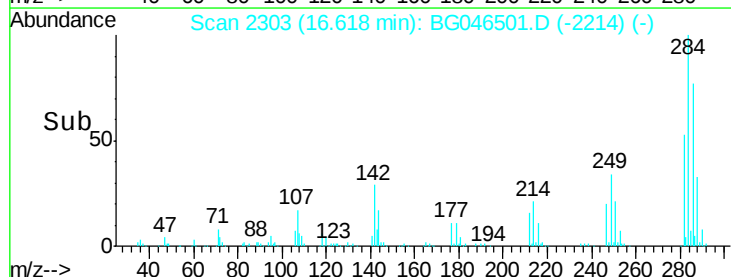
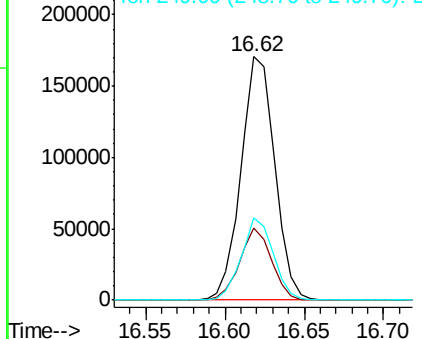


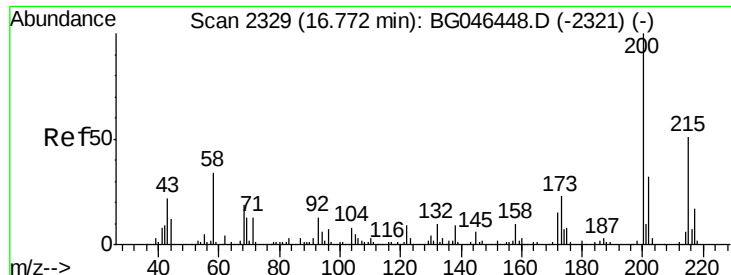
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.234 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

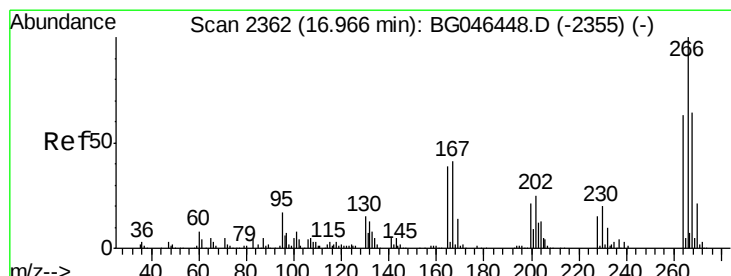
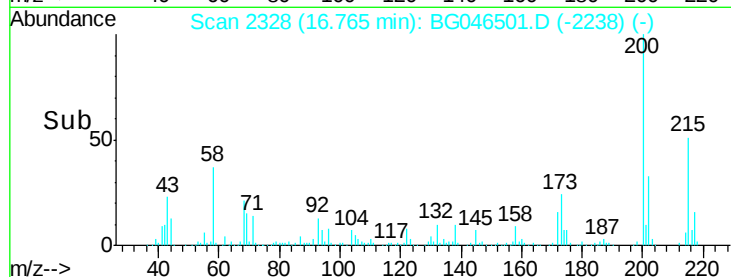
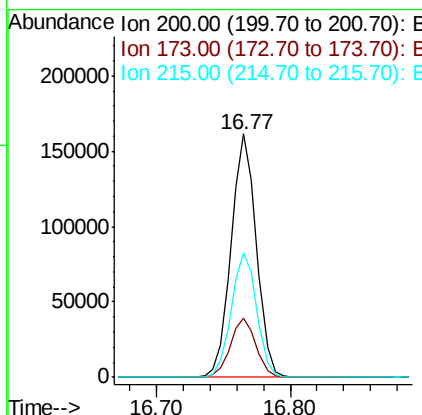
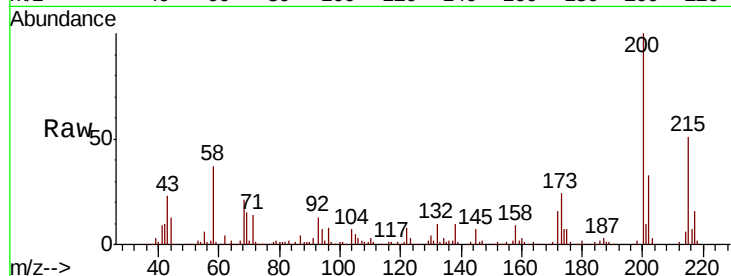
ClientSampleId :

PB131340BS

Tot Ion:	200	Resp:	213467
Ion Ratio	Lower	Upper	
200	100		
173	24.3	3.3	43.3
215	51.1	30.9	70.9

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



#70

Pentachlorophenol

Concen: 95.457 ng

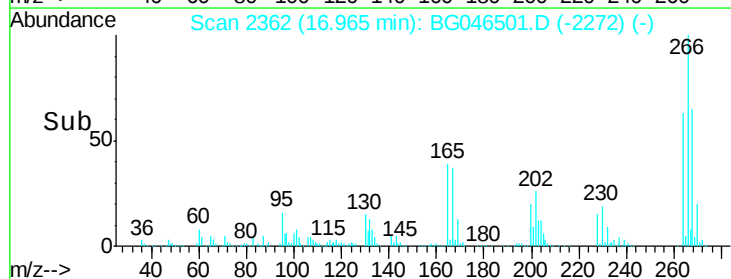
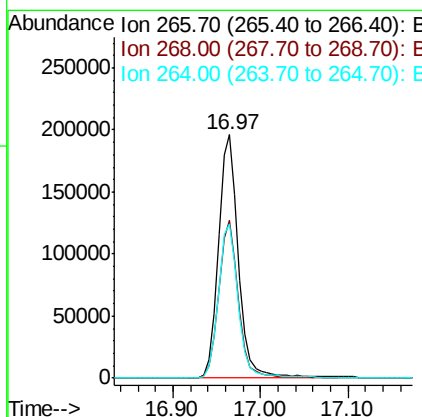
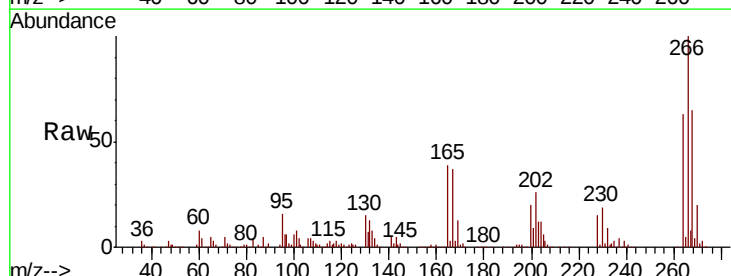
RT: 16.97 min Scan# 2362

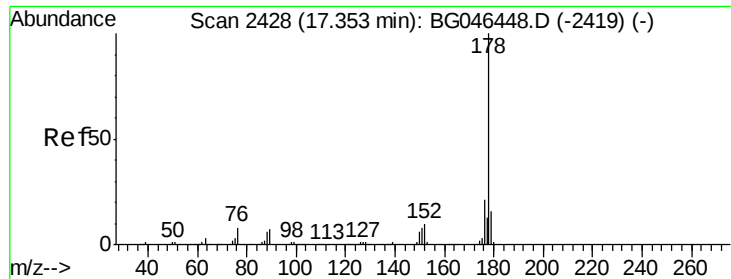
Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Tgt Ion:	266	Resp:	310657
Ion Ratio	Lower	Upper	
266	100		
268	65.0	51.1	76.7
264	63.3	50.2	75.2





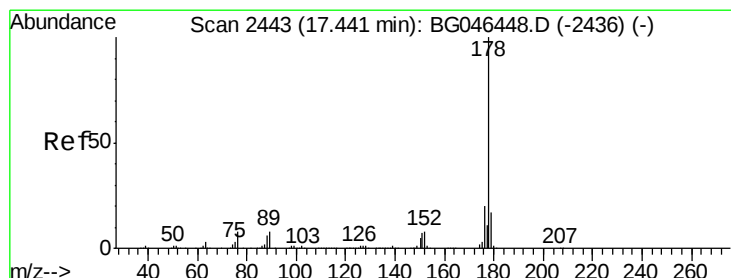
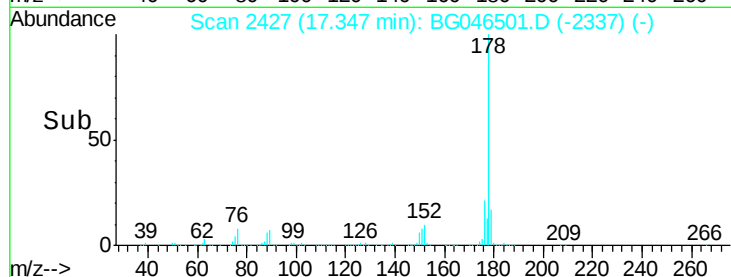
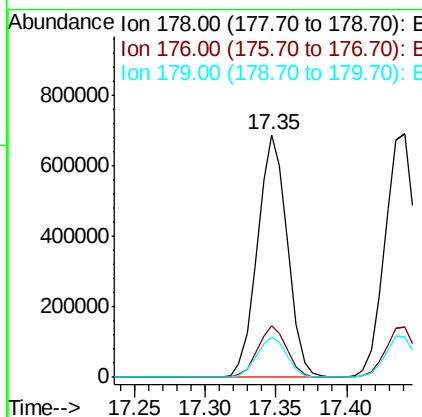
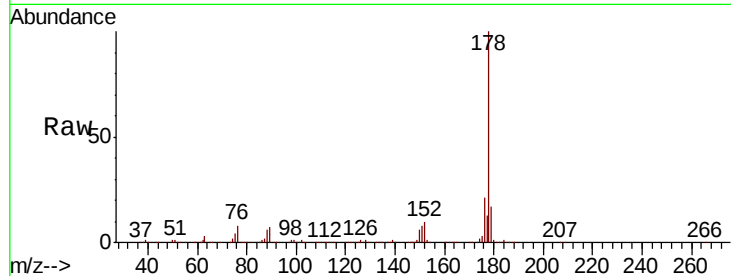
#71
Phenanthrene
Concen: 41.916 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion:178 Resp: 1024229
Ion Ratio Lower Upper
178 100
176 21.3 16.8 25.2
179 16.8 13.2 19.8

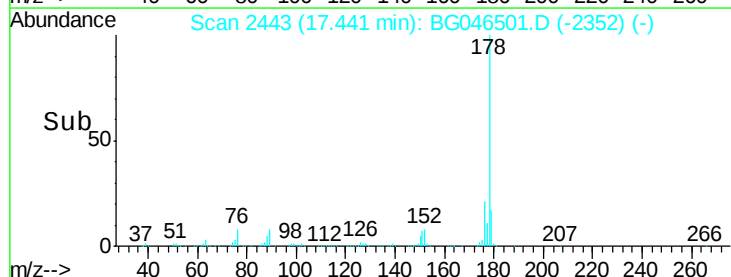
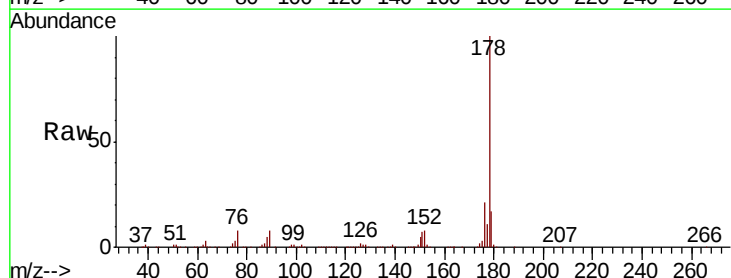
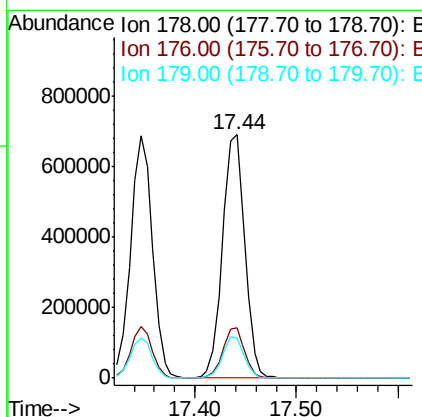
Manual Integrations
APPROVED

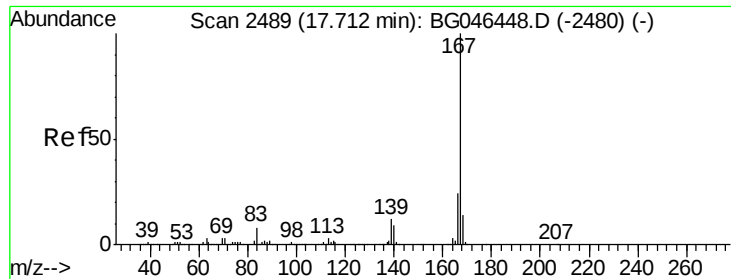
mohammad
9/3/2020 1:47:37 PM



#72
Anthracene
Concen: 43.769 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion:178 Resp: 1055206
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 16.6 13.3 19.9





#73

Carbazole

Concen: 43.237 ng

RT: 17.71 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

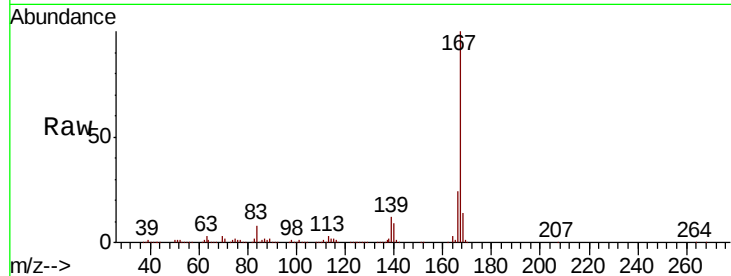
ClientSampleId :

PB131340BS

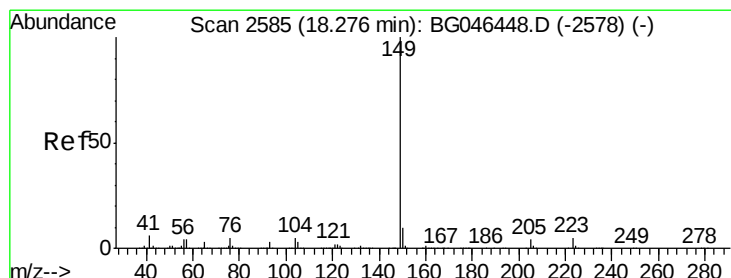
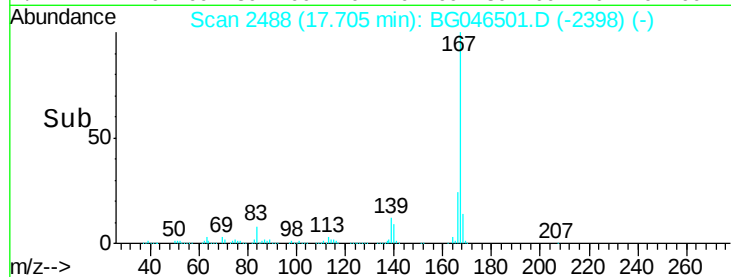
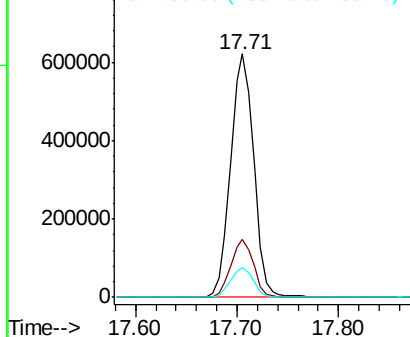
Tot Ion:	167	Resp:	984169
Ion Ratio		Lower	Upper
167	100		
166	23.8	19.3	28.9
139	12.2	9.7	14.5

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.625 ng

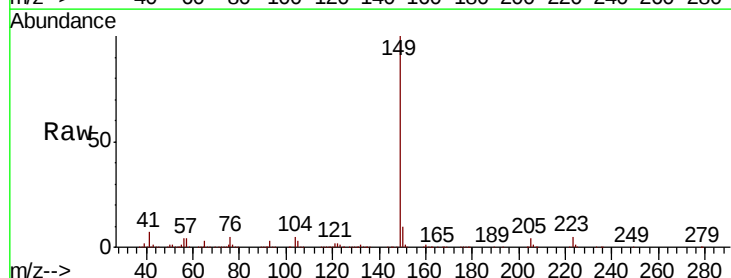
RT: 18.27 min Scan# 2584

Delta R.T. -0.00 min

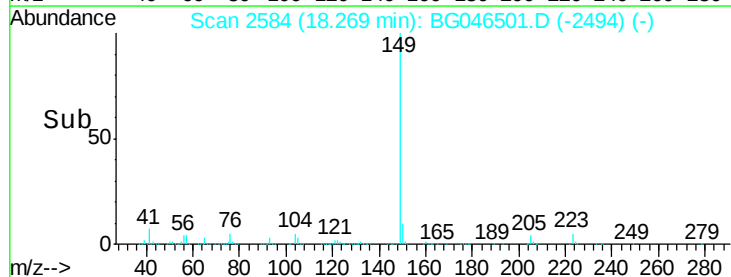
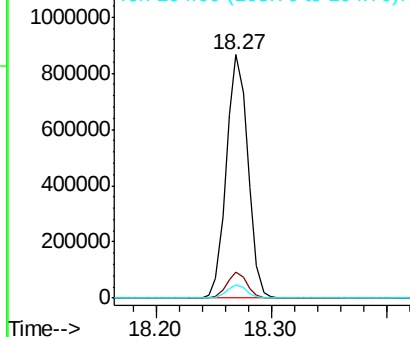
Lab File: BG046501.D

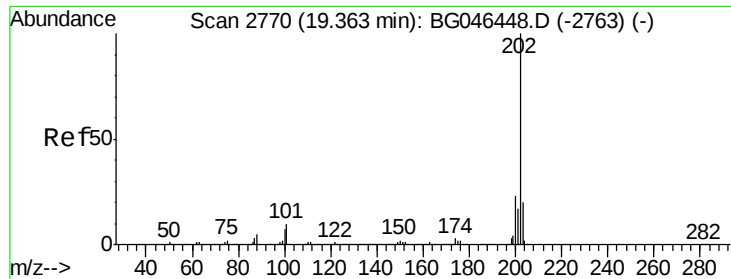
Acq: 2 Sep 2020 10:37

Tgt Ion:	149	Resp:	1115671
Ion Ratio		Lower	Upper
149	100		
150	10.5	8.1	12.1
104	5.2	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.681 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

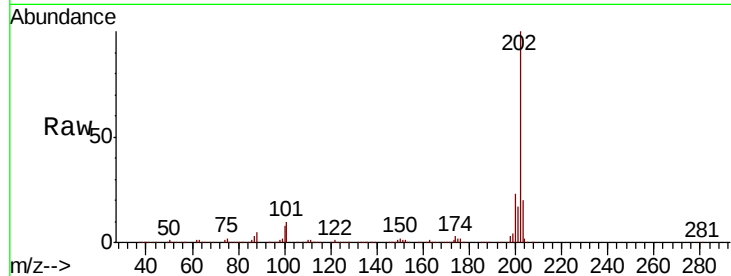
ClientSampleId :

PB131340BS

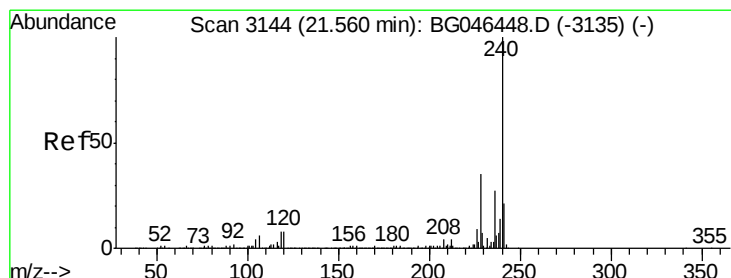
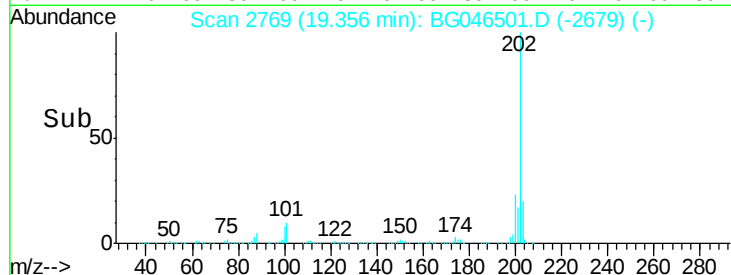
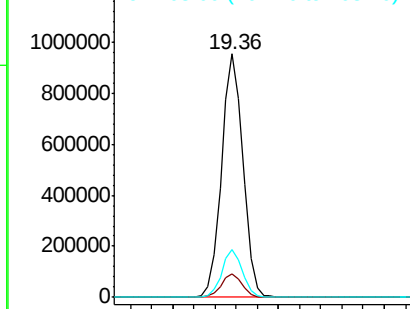
Tot Ion:	202	Resp:	1342116
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.9
203	19.9	0.0	40.0

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

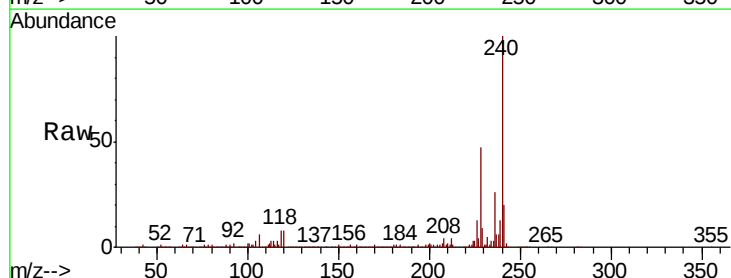
RT: 21.55 min Scan# 3143

Delta R.T. -0.00 min

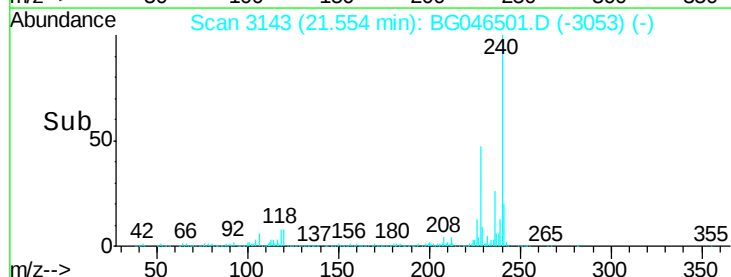
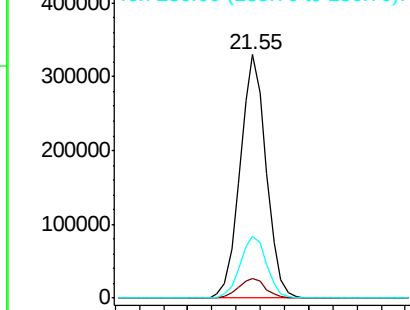
Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Tgt Ion:	240	Resp:	496513
Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.6	10.0
236	25.7	21.4	32.2



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





#77

Benzidine

Concen: 45.429 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Instrument :

BNA_G

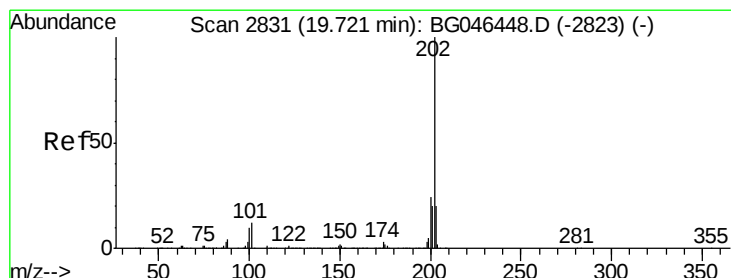
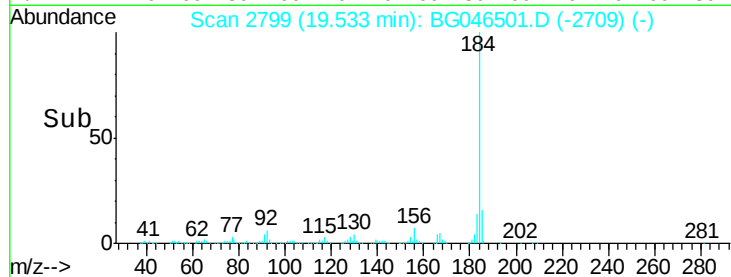
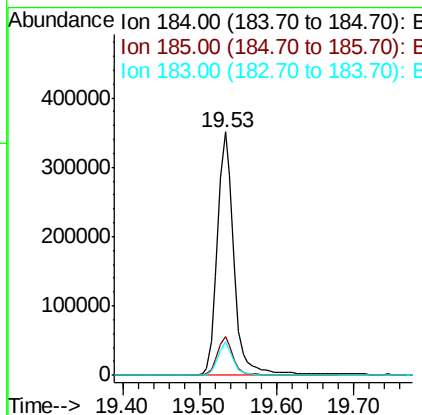
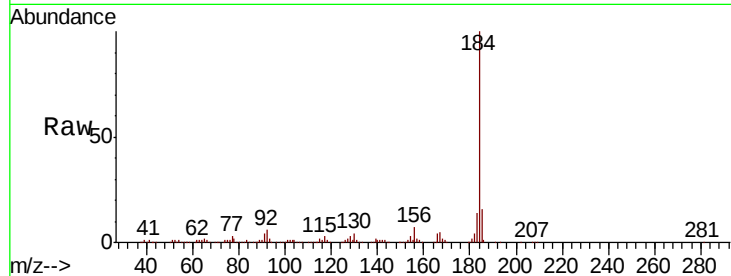
ClientSampleId :

PB131340BS

Tot Ion:	184	Resp:	524134
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.8	17.8
183	14.0	10.7	16.1

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



#78

Pyrene

Concen: 42.463 ng

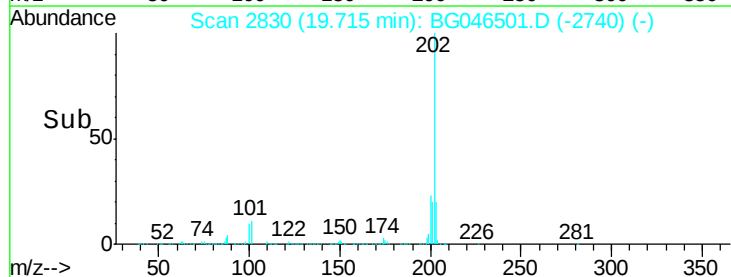
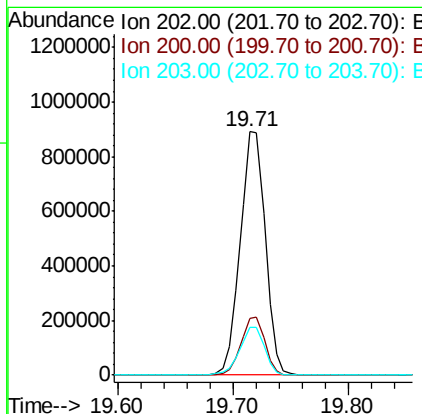
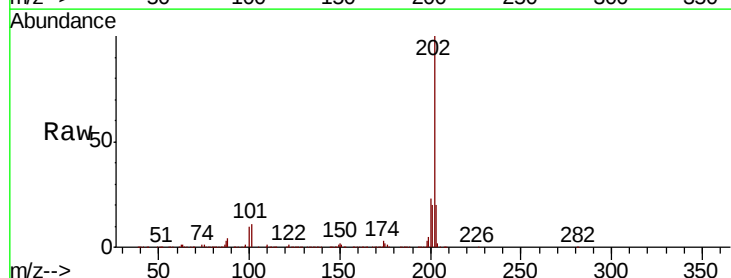
RT: 19.71 min Scan# 2830

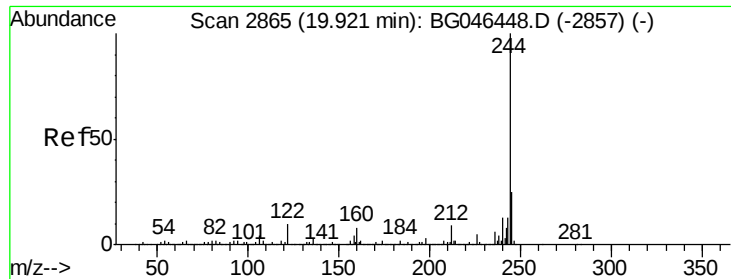
Delta R.T. -0.00 min

Lab File: BG046501.D

Acq: 2 Sep 2020 10:37

Tgt Ion:	202	Resp:	1342570
Ion Ratio	Lower	Upper	
202	100		
200	23.4	18.9	28.3
203	19.5	16.1	24.1





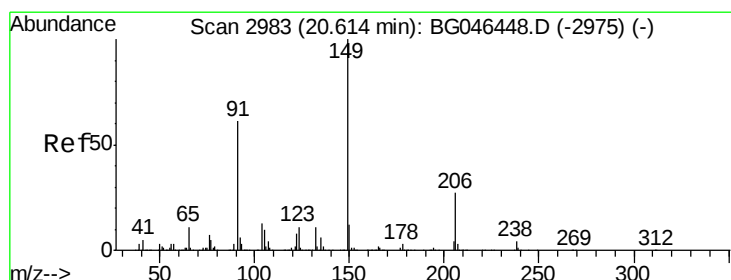
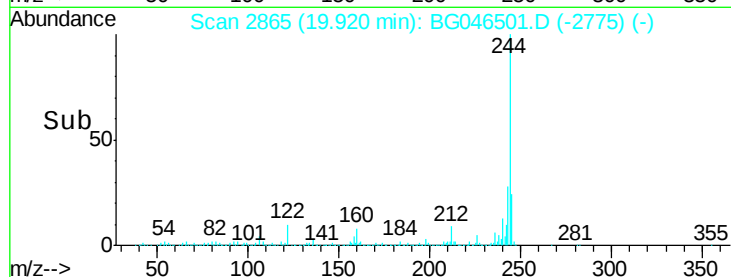
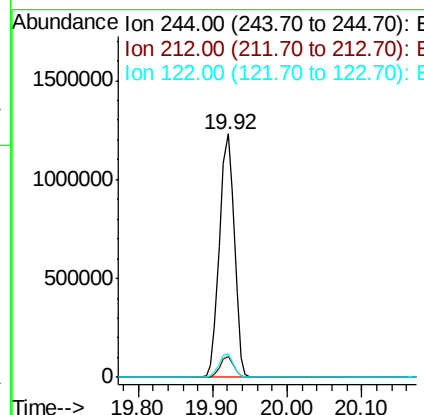
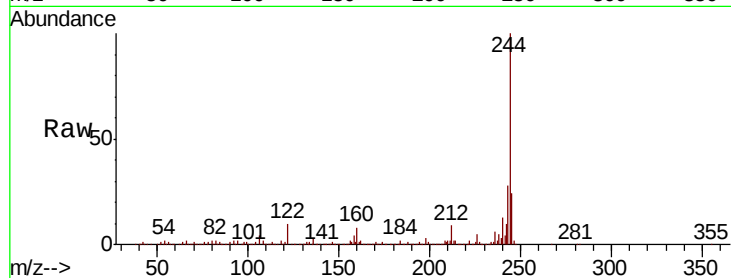
#79
 Terphenyl-d14
 Concen: 72.806 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	9.5	8.2	12.4

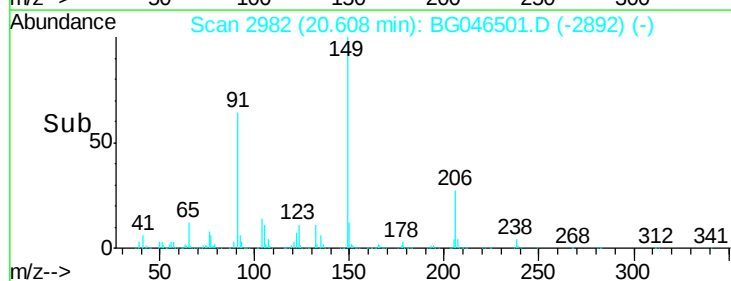
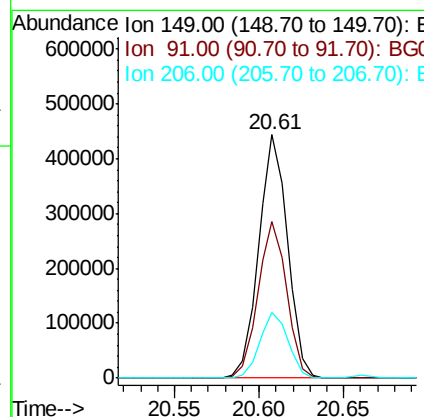
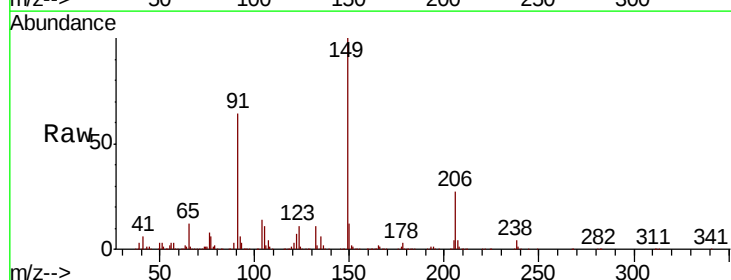
Manual Integrations
 APPROVED

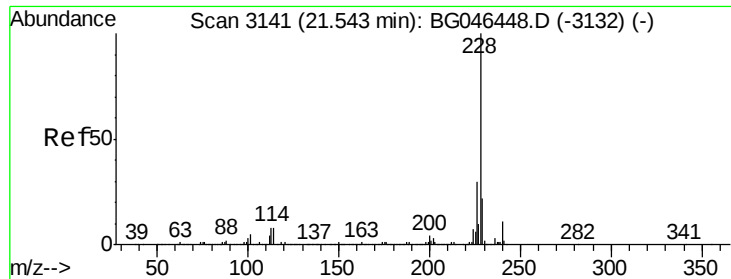
mohammad
 9/3/2020 1:47:37 PM



#80
 Butylbenzylphthalate
 Concen: 42.497 ng
 RT: 20.61 min Scan# 2982
 Delta R.T. -0.00 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.3	49.1	73.7
206	26.9	21.9	32.9





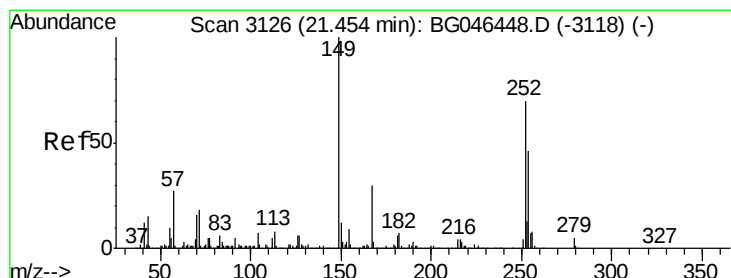
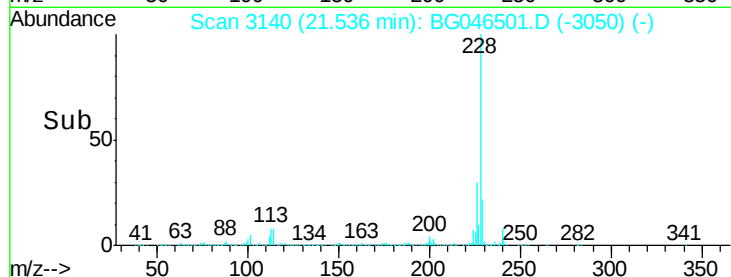
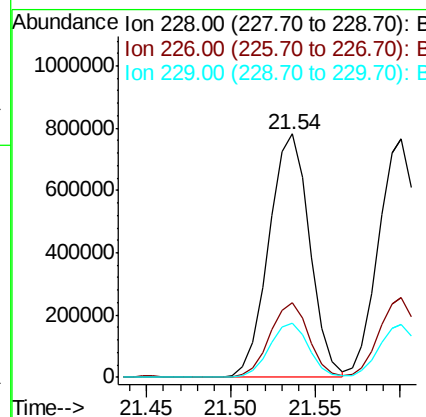
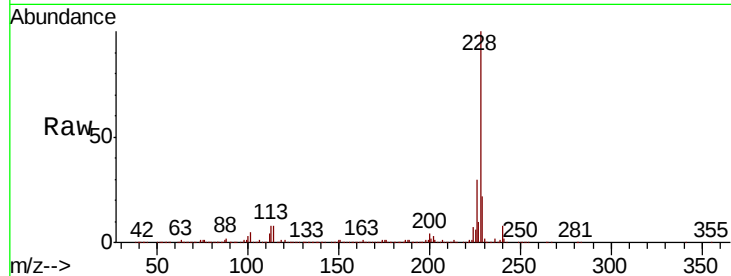
#81
Benzo(a)anthracene
Concen: 42.332 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	22.2	17.4	26.2

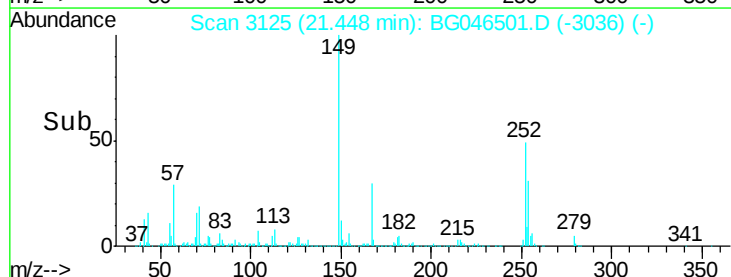
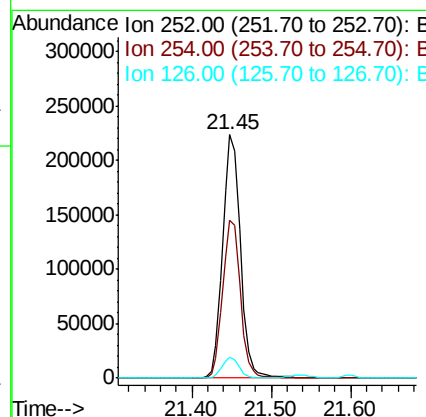
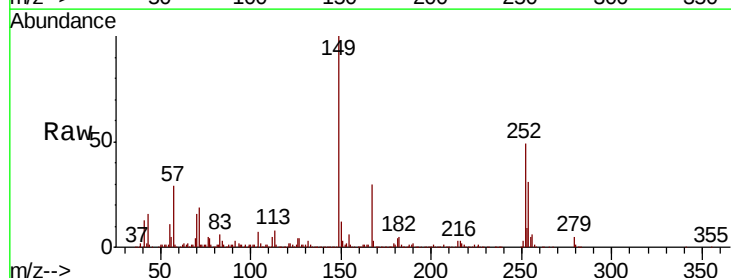
Manual Integrations
APPROVED

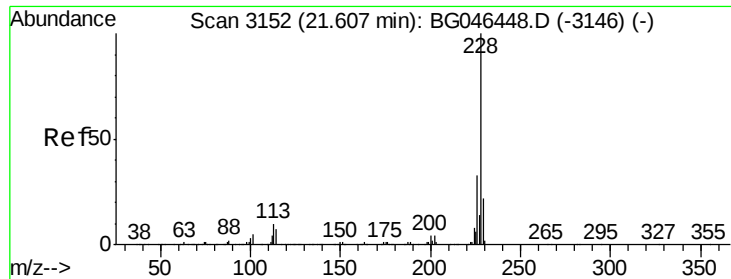
mohammad
9/3/2020 1:47:37 PM



#82
3,3'-Dichlorobenzidine
Concen: 30.392 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.9	77.9
126	8.4	7.4	11.0





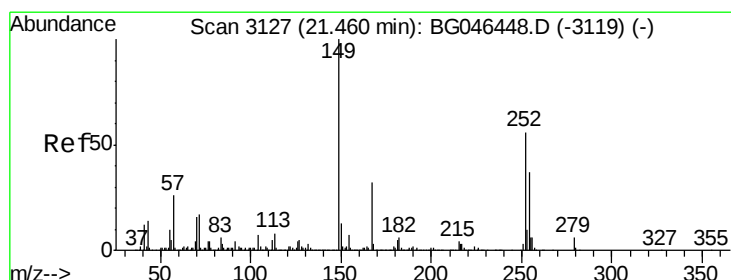
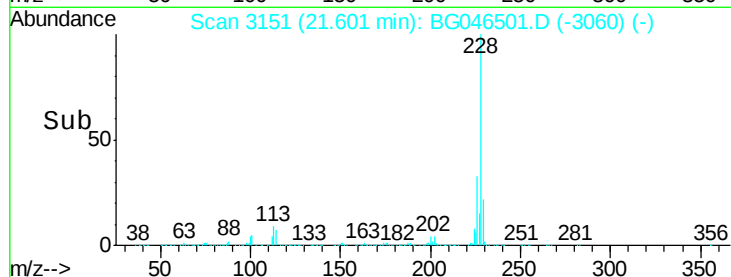
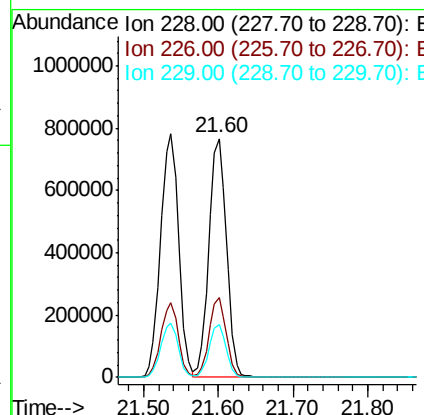
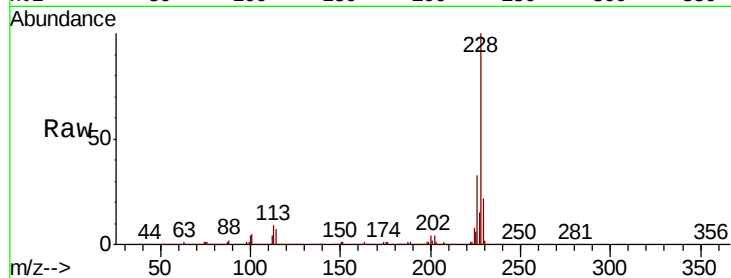
#83
Chrysene
Concen: 42.336 ng
RT: 21.60 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampled :
PB131340BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.2	39.4
229	22.2	17.9	26.9

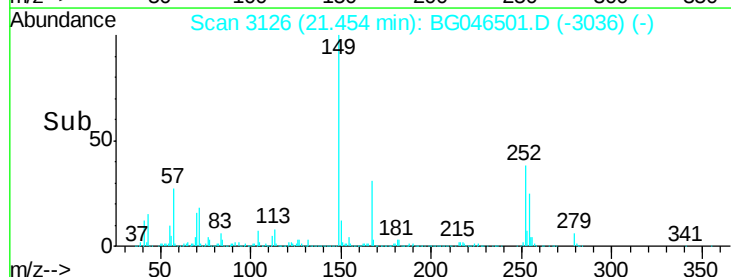
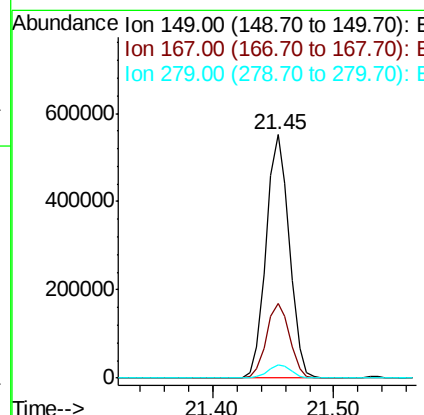
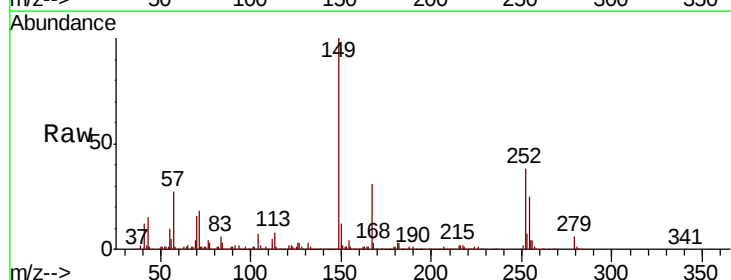
Manual Integrations
APPROVED

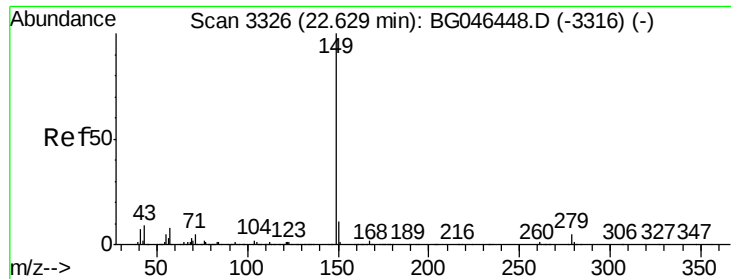
mohammad
9/3/2020 1:47:37 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.686 ng
RT: 21.45 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.8	25.4	38.2
279	5.5	4.5	6.7





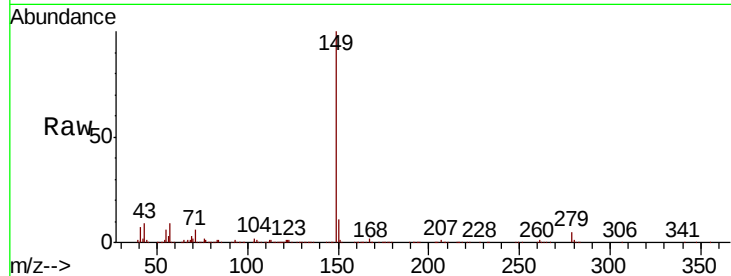
#85
Di-n-octyl phthalate
Concen: 44.705 ng
RT: 22.62 min Scan# 3325
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

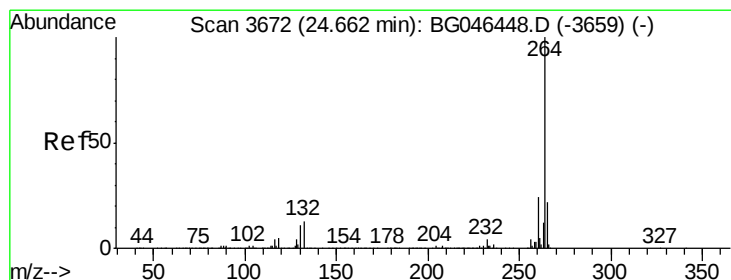
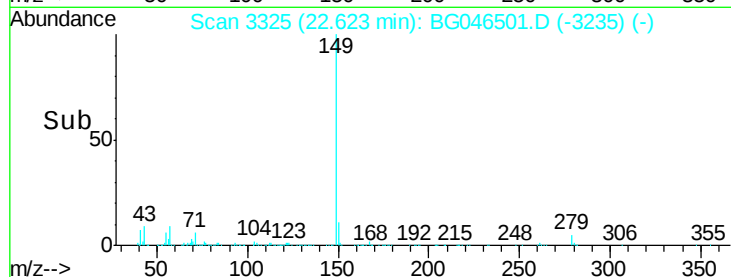
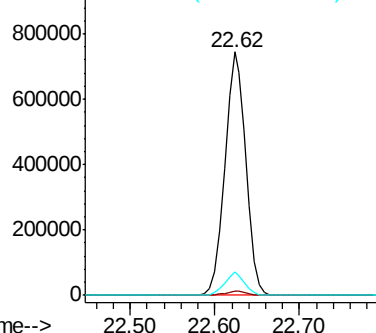
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	8.9	7.0	10.4

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM

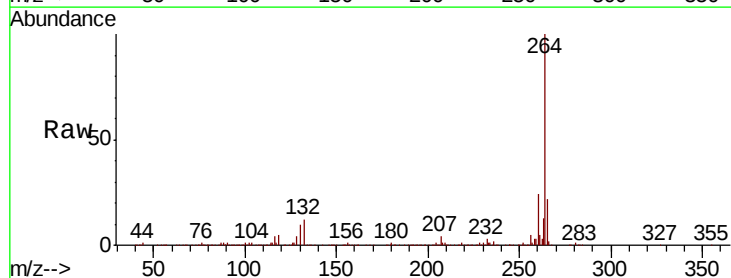


Abundance Ion 149.00 (148.70 to 149.70): E
1000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

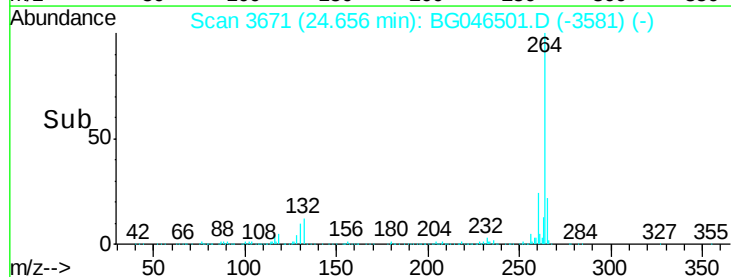
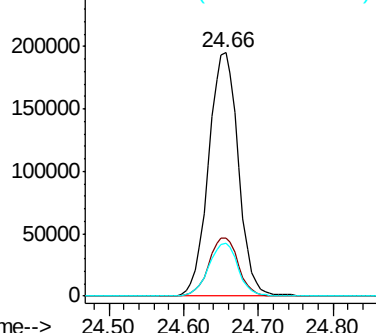


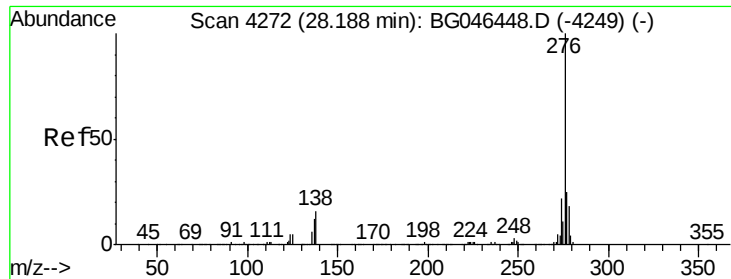
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.9	26.9



Abundance Ion 264.00 (263.70 to 264.70): E
250000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





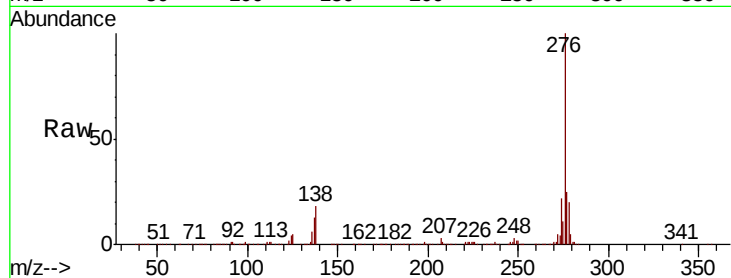
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.298 ng
 RT: 28.18 min Scan# 4270
 Delta R.T. 0.01 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131340BS

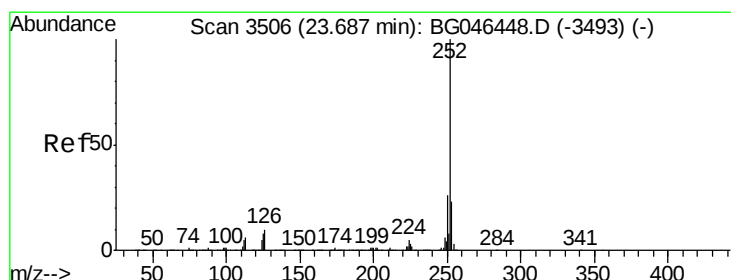
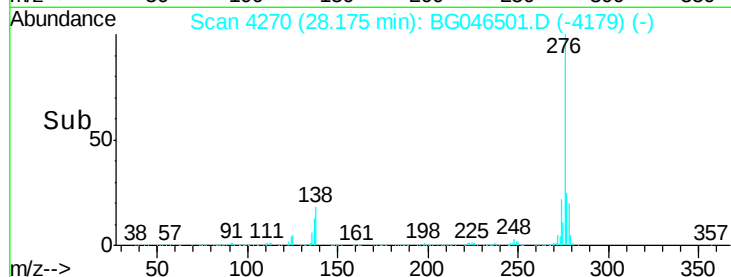
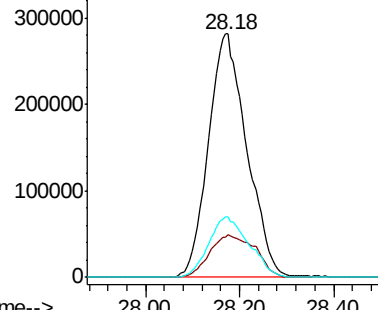
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.5	24.7
277	26.1	20.7	31.1

Manual Integrations
 APPROVED

mohammad
 9/3/2020 1:47:37 PM

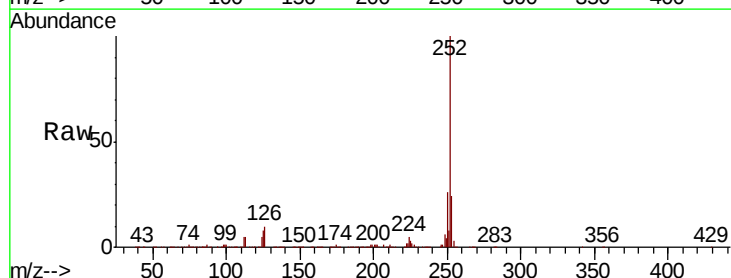


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

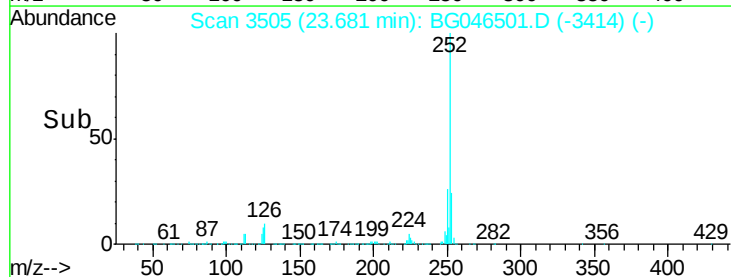
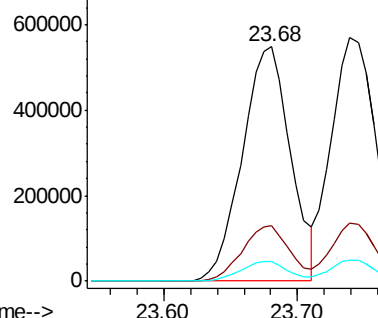


#88
 Benzo(b)fluoranthene
 Concen: 40.859 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. 0.01 min
 Lab File: BG046501.D
 Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	8.3	6.2	9.2



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





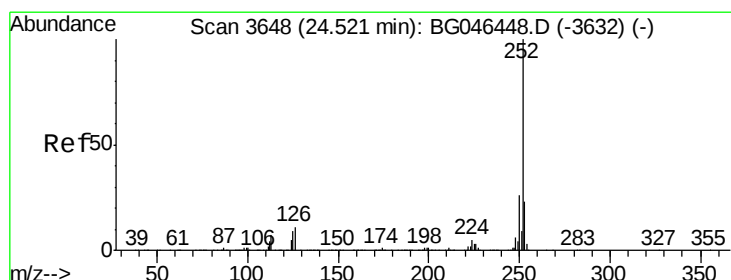
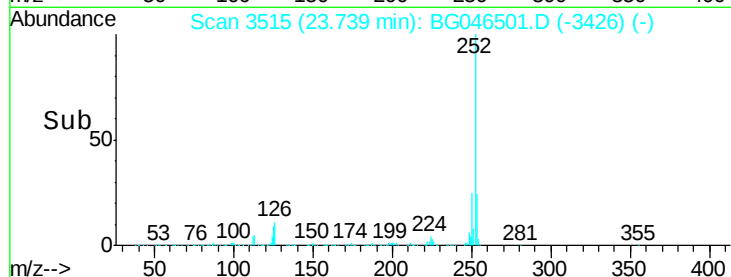
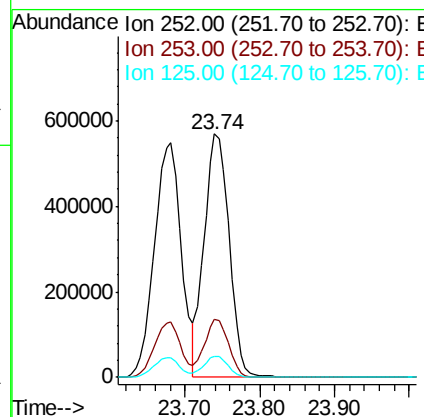
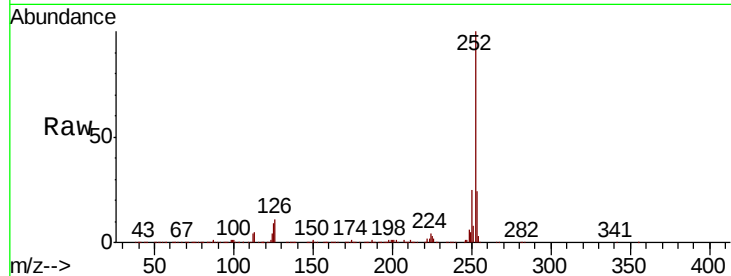
#89
Benzo(k)fluoranthene
Concen: 40.608 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	8.7	6.8	10.2

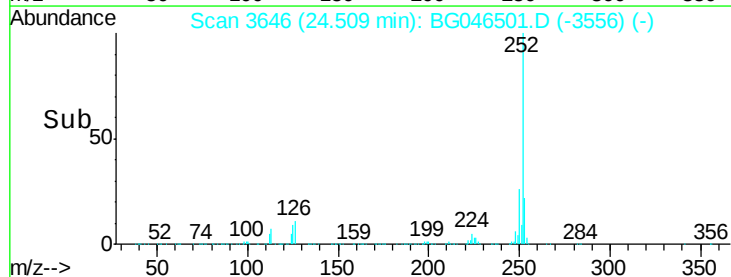
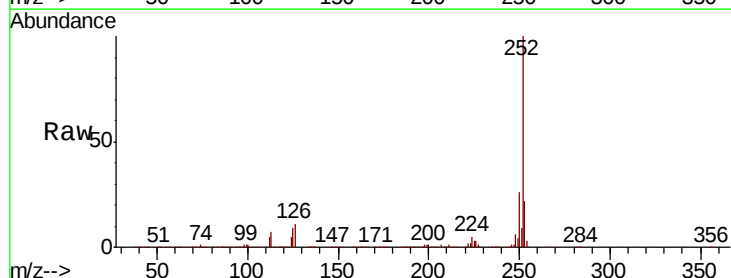
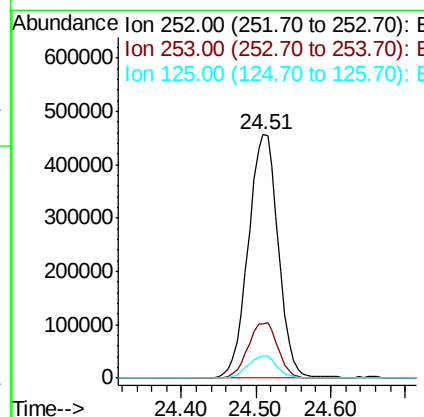
Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



#90
Benzo(a)pyrene
Concen: 40.397 ng
RT: 24.51 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	9.0	7.4	11.0





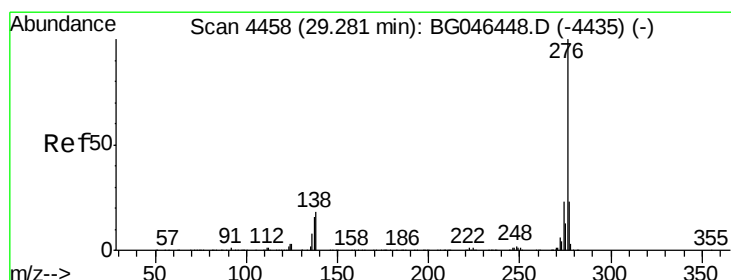
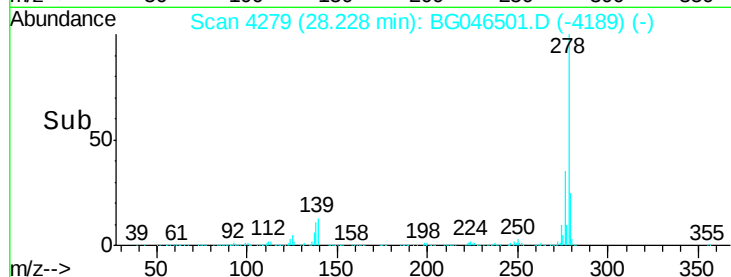
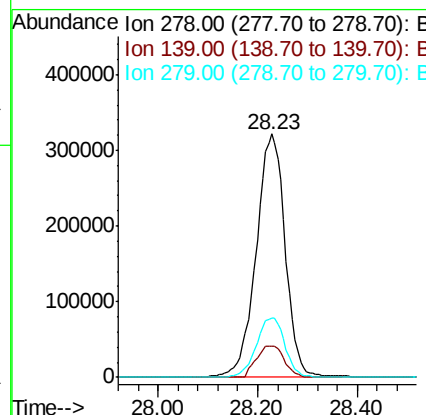
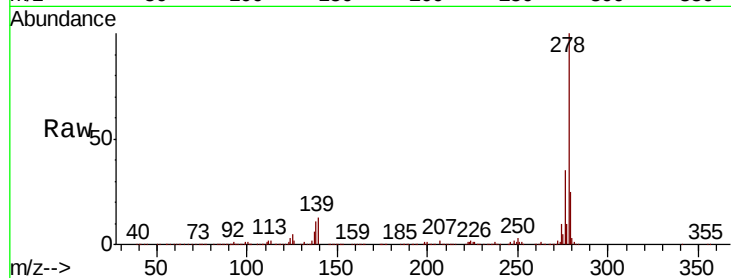
#91
Dibenzo(a,h)anthracene
Concen: 41.579 ng
RT: 28.23 min Scan# 4279
Delta R.T. -0.00 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.7	11.2	16.8
279	24.5	19.8	29.8

Manual Integrations
APPROVED

mohammad
9/3/2020 1:47:37 PM



#92
Benzo(g,h,i)perylene
Concen: 43.121 ng
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046501.D
Acq: 2 Sep 2020 10:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	17.0	14.7	22.1

