

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044940.D
 Acq On : 24 Mar 2020 21:26
 Operator : CG/JU
 Sample : PB127773BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127773BSD

Manual Integrations
 APPROVED

mohammad
 3/25/2020 12:27:44 PM

Quant Time: Mar 25 06:23:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	86796	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	327693	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	217699	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	502192	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	471736	20.00	ng	-0.01
87) Perylene-d12	24.89	264	529616	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	475595	85.30	ng	0.00
7) Phenol-d6	7.20	99	634922	78.38	ng	0.00
23) Nitrobenzene-d5	9.20	82	573128	76.75	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	260055	91.23	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1234602	81.21	ng	0.00
79) Terphenyl-d14	20.03	244	1991170	78.95	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	84634	31.521	ng	98
3) Pyridine	3.90	79	245115	30.838	ng	100
4) n-Nitrosodimethylamine	3.82	42	116293	38.561	ng	96
6) Aniline	7.36	93	269942	26.779	ng	98
8) 2-Chlorophenol	7.61	128	246471	44.282	ng	95
9) Benzaldehyde	7.17	77	183718	36.269	ng	92
10) Phenol	7.23	94	328927	41.012	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	231923	36.233	ng	95
12) 1,3-Dichlorobenzene	7.93	146	263269	38.397	ng	98
13) 1,4-Dichlorobenzene	8.08	146	264738	39.056	ng	97
14) 1,2-Dichlorobenzene	8.40	146	242906	37.784	ng	99
15) Benzyl Alcohol	8.28	79	242413	37.295	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	346167	30.646	ng	99
17) 2-Methylphenol	8.48	107	222894	41.028	ng	91
18) Hexachloroethane	9.13	117	100553	37.679	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	192194	33.599	ng	96
20) 3+4-Methylphenols	8.81	107	311779	41.631	ng	98
22) Acetophenone	8.86	105	362149	39.010	ng	# 98
24) Nitrobenzene	9.24	77	306764	39.590	ng	99
25) Isophorone	9.77	82	545832	37.451	ng	97
26) 2-Nitrophenol	9.96	139	128864	47.915	ng	99
27) 2,4-Dimethylphenol	10.02	122	218642	46.066	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	317138	36.461	ng	99
29) 2,4-Dichlorophenol	10.50	162	247718	44.684	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	263188	39.704	ng	91
31) Naphthalene	10.90	128	725413	39.962	ng	99
32) Benzoic acid	10.16	122	118420	35.245	ng	88
33) 4-Chloroaniline	11.00	127	142195	17.387	ng	97
34) Hexachlorobutadiene	11.20	225	174529	40.037	ng	97
35) Caprolactam	11.77	113	84850m	40.425	ng	
36) 4-Chloro-3-methylphenol	12.12	107	275710	41.700	ng	96
37) 2-Methylnaphthalene	12.50	142	545593	40.180	ng	95
38) 1-Methylnaphthalene	12.72	142	510602	39.997	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	288488	40.238	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044940.D
 Acq On : 24 Mar 2020 21:26
 Operator : CG/JU
 Sample : PB127773BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127773BSD

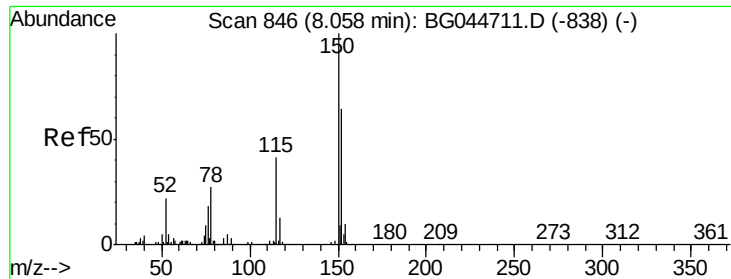
Manual Integrations
 APPROVED

mohammad
 3/25/2020 12:27:44 PM

Quant Time: Mar 25 06:23:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	398941	101.818	nq	96
43) 2,4,6-Trichlorophenol	13.11	196	214613	45.105	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	230010	46.614	nq	97
46) 1,1'-Biphenyl	13.51	154	680902	39.139	nq	98
47) 2-Chloronaphthalene	13.55	162	528574	39.773	nq	99
48) 2-Nitroaniline	13.74	65	189924	40.821	nq	99
49) Acenaphthylene	14.39	152	864224	41.509	nq	99
50) Dimethylphthalate	14.13	163	697229	40.212	nq	98
51) 2,6-Dinitrotoluene	14.24	165	159933	45.761	nq	96
52) Acenaphthene	14.74	154	616906	45.243	nq	100
53) 3-Nitroaniline	14.56	138	98537	24.523	nq	84
54) 2,4-Dinitrophenol	14.77	184	167616	90.554	nq	97
55) Dibenzofuran	15.07	168	832349	42.095	nq	99
56) 4-Nitrophenol	14.87	139	263673	85.983	nq	92
57) 2,4-Dinitrotoluene	15.03	165	225374	47.019	nq	96
58) Fluorene	15.72	166	677398	41.646	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	211716	46.603	nq	95
60) Diethylphthalate	15.49	149	713477	39.453	nq	97
61) 4-Chlorophenyl-phenylether	15.71	204	360990	41.217	nq	99
62) 4-Nitroaniline	15.73	138	161444	37.680	nq	92
63) Azobenzene	16.01	77	721580	38.424	nq	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	127713	53.069	nq	96
66) n-Nitrosodiphenylamine	15.93	169	620319	41.028	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	252693	40.250	nq	99
68) Hexachlorobenzene	16.73	284	276729	40.629	nq	99
69) Atrazine	16.87	200	251459	45.395	nq	98
70) Pentachlorophenol	17.07	266	332217	88.649	nq	99
71) Phenanthrene	17.46	178	1101053	41.028	nq	100
72) Anthracene	17.55	178	1118055	42.251	nq	98
73) Carbazole	17.82	167	1037470	40.815	nq	98
74) Di-n-butylphthalate	18.39	149	1227308	39.720	nq	99
75) Fluoranthene	19.47	202	1379040	43.158	nq	99
77) Benzidine	19.64	184	615854	40.214	nq	99
78) Pyrene	19.83	202	1358221	39.244	nq	99
80) Butylbenzylphthalate	20.72	149	567750	36.874	nq	99
81) Benzo(a)anthracene	21.67	228	1309590	38.553	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	319884	24.342	nq	100
83) Chrysene	21.74	228	1250472	38.538	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	783418	36.867	nq	97
85) Di-n-octyl phthalate	22.80	149	1349360	37.946	nq	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1679349	39.477	nq	98
88) Benzo(b)fluoranthene	23.88	252	1410232	40.334	nq	98
89) Benzo(k)fluoranthene	23.95	252	1385429	41.871	nq	99
90) Benzo(a)pyrene	24.75	252	1330712	40.675	nq	95
91) Dibenzo(a,h)anthracene	28.61	278	1356181	42.018	nq	97
92) Benzo(g,h,i)perylene	29.66	276	1360812	41.730	nq	97

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



#1

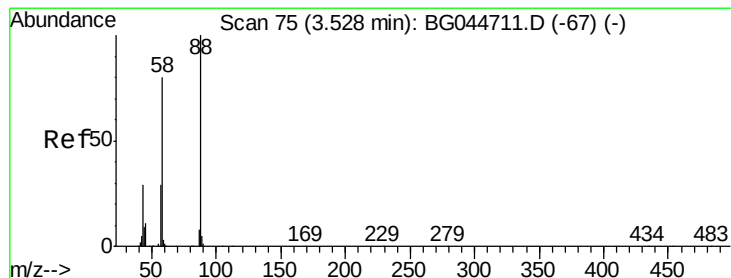
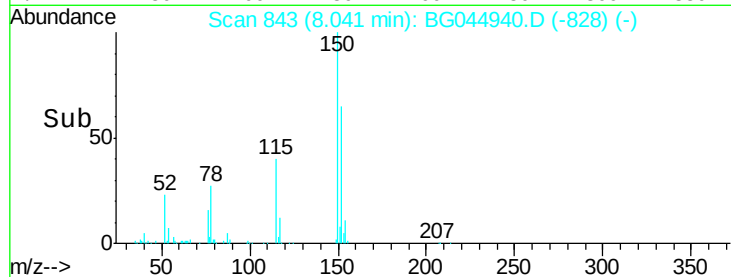
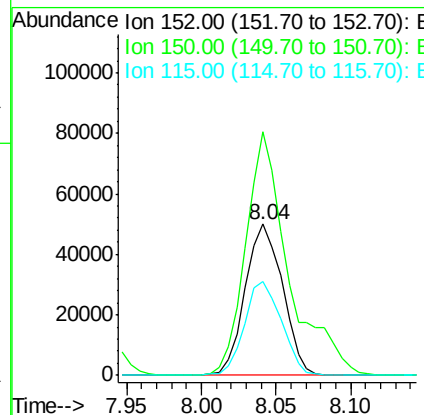
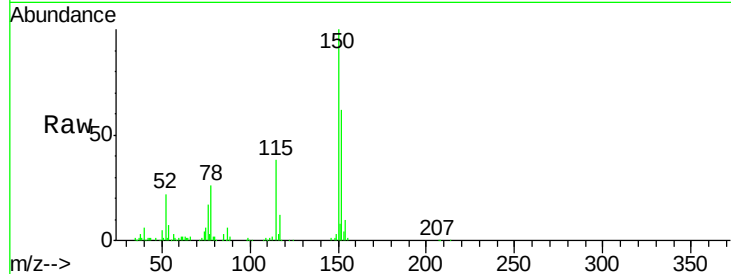
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampled :
PB127773BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	128.8	193.2
115	61.7	52.6	79.0

Manual Integrations
APPROVED

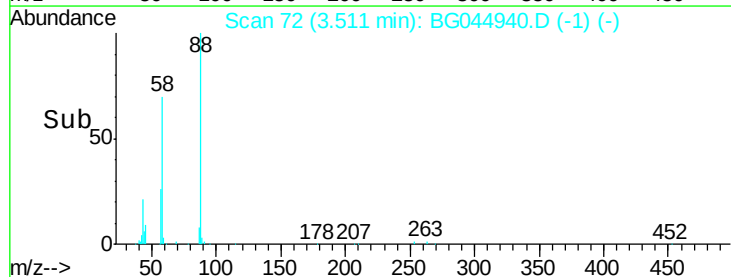
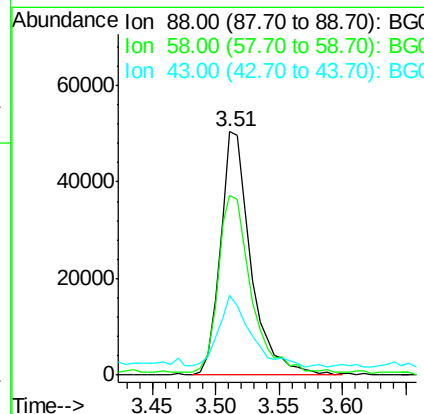
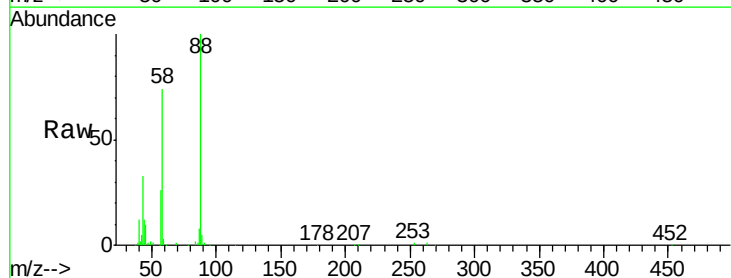
mohammad
3/25/2020 12:27:44 PM

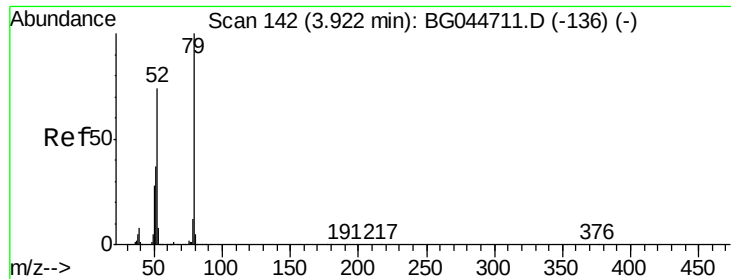


#2

1,4-Dioxane
Concen: 31.521 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.3	63.0	94.4
43	29.8	24.8	37.2





#3

Pvridine

Concen: 30.838 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

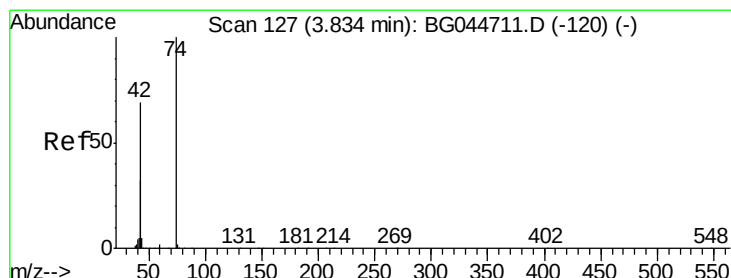
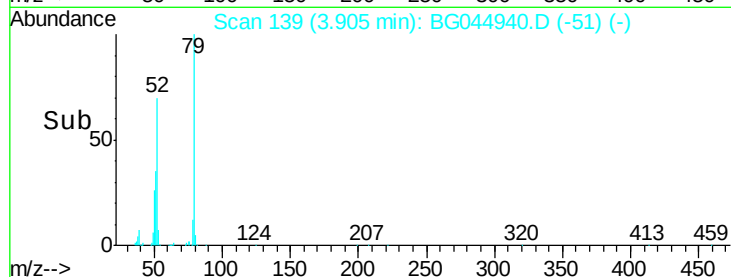
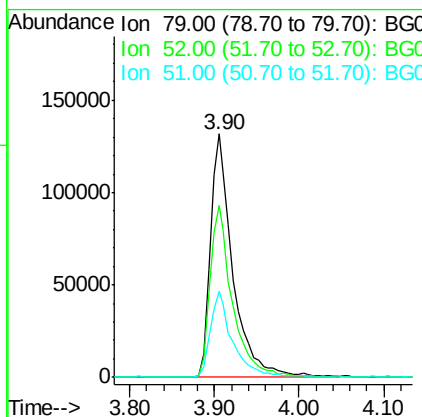
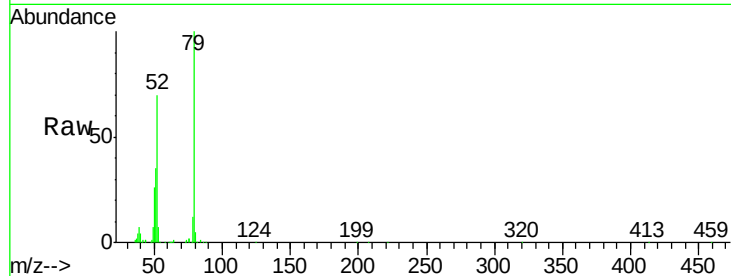
ClientSampleId :

PB127773BSD

Tot Ion:	79	Resp:	245115
Ion Ratio	Lower	Upper	
79	100		
52	70.4	56.3	84.5
51	35.1	28.1	42.1

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:44 PM



#4

n-Nitrosodimethylamine

Concen: 38.561 ng

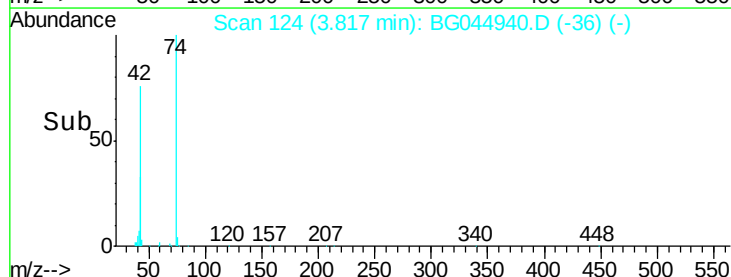
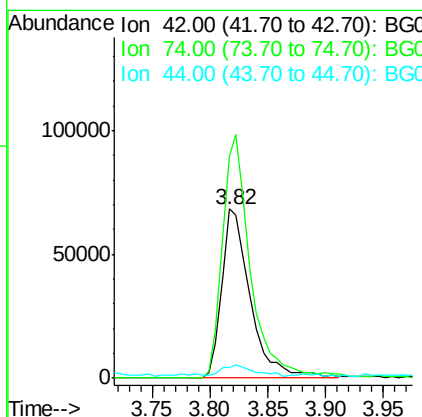
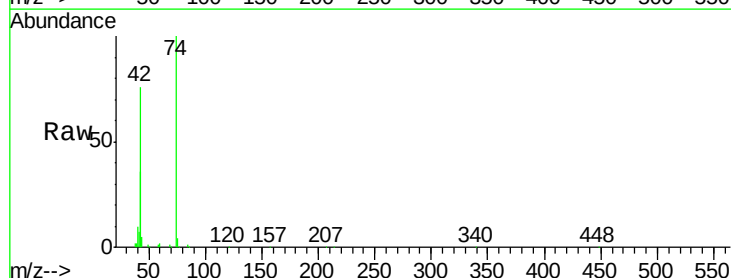
RT: 3.82 min Scan# 124

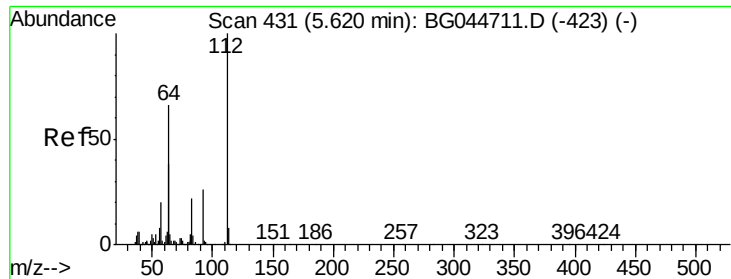
Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Tgt Ion:	42	Resp:	116293
Ion Ratio	Lower	Upper	
42	100		
74	131.1	109.1	163.7
44	6.6	5.4	8.2





#5

2-Fluorophenol

Concen: 85.298 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

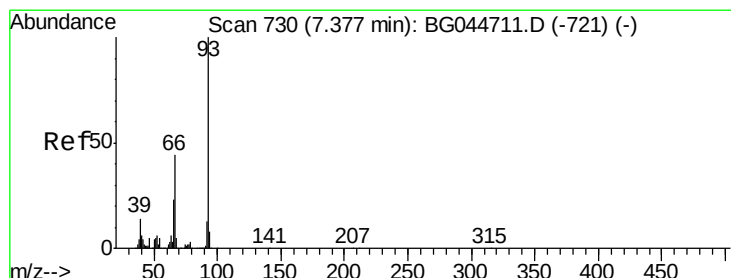
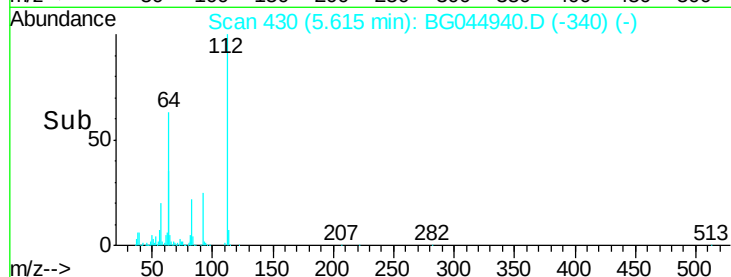
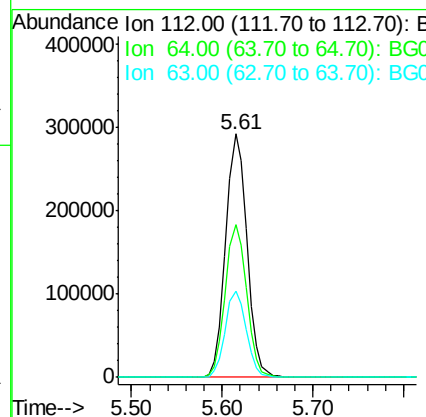
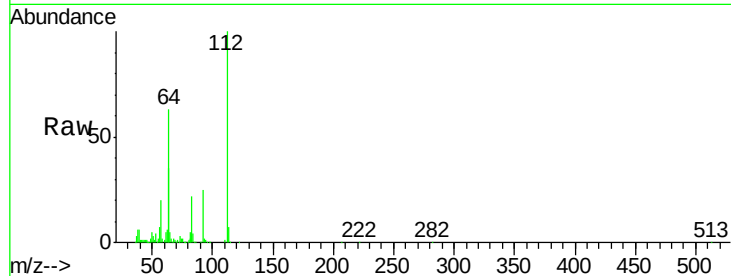
ClientSampleId :

PB127773BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	475595		
64	62.8	53.4	80.2	
63	35.2	29.4	44.2	

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:44 PM



#6

Aniline

Concen: 26.779 ng

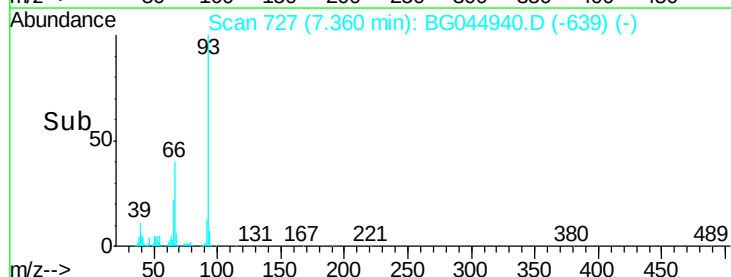
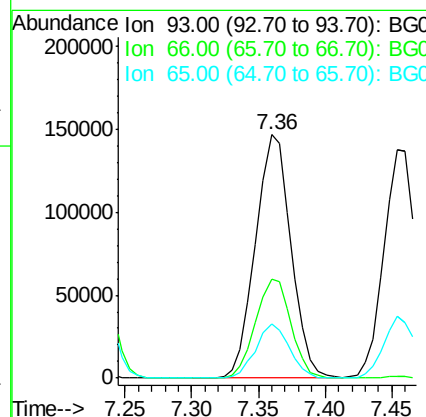
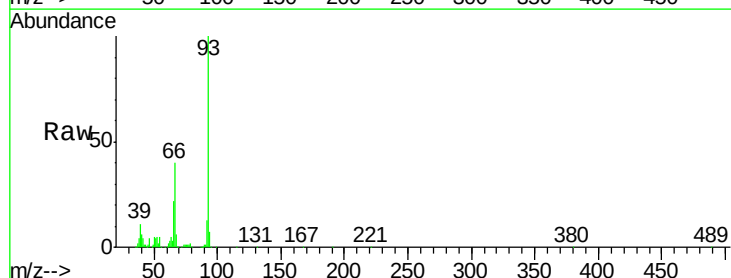
RT: 7.36 min Scan# 727

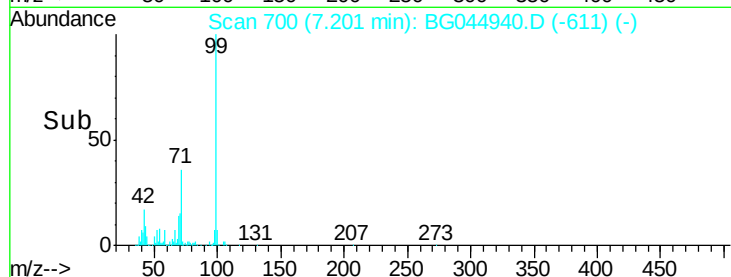
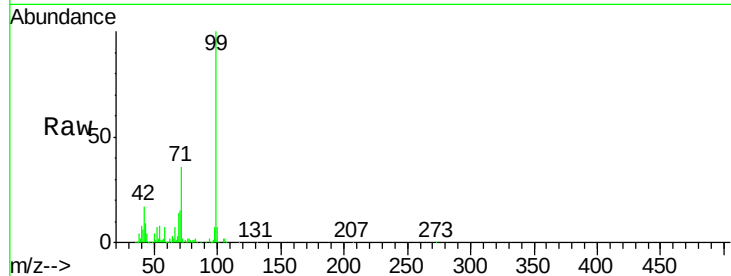
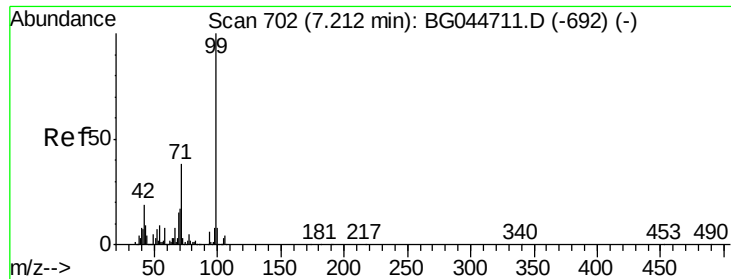
Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	269942		
66	40.5	33.7	50.5	
65	22.4	17.7	26.5	





#7

Phenol-d6

Concen: 78.375 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Tot Ion:	99	Resp:	634922
Ion Ratio	Lower	Upper	
99	100		
42	16.6	12.6	19.0
71	36.5	29.0	43.4

Instrument :

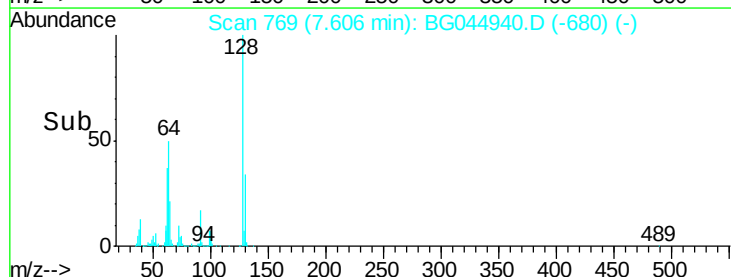
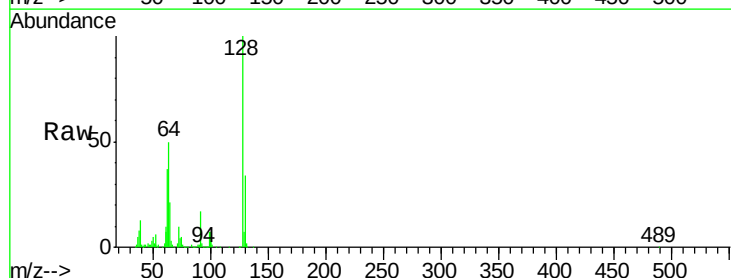
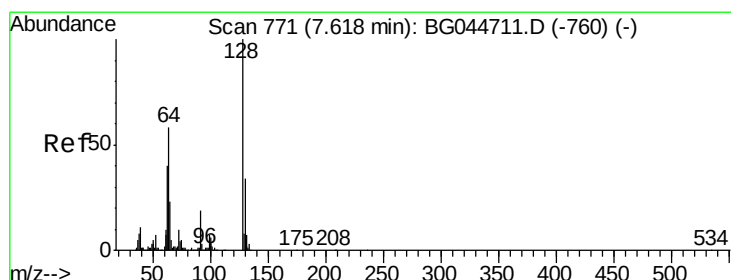
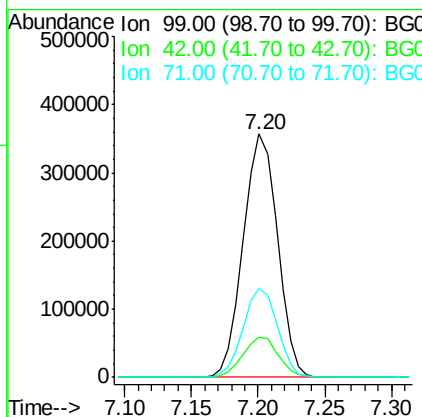
BNA_G

ClientSampleId :

PB127773BSD

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:44 PM



#8

2-Chlorophenol

Concen: 44.282 ng

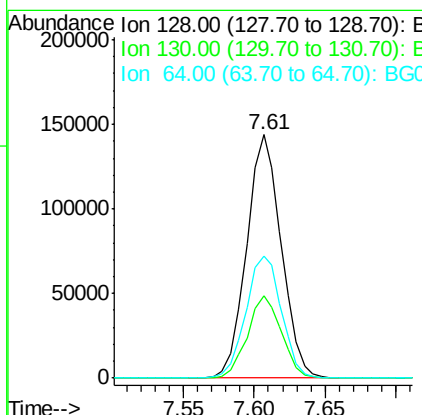
RT: 7.61 min Scan# 769

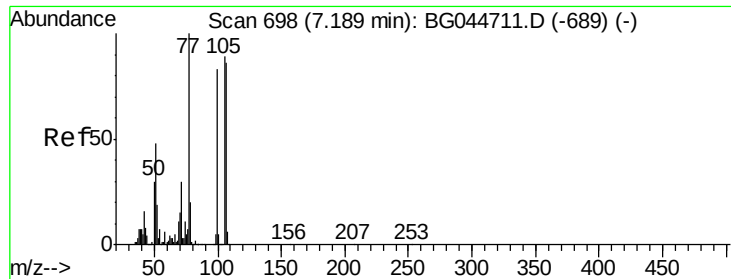
Delta R.T. -0.00 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Tgt Ion:	128	Resp:	246471
Ion Ratio	Lower	Upper	
128	100		
130	34.0	11.6	51.6
64	50.3	34.5	74.5





#9

Benzaldehyde

Concen: 36.269 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

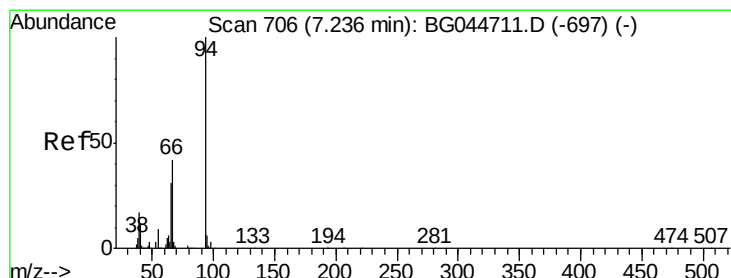
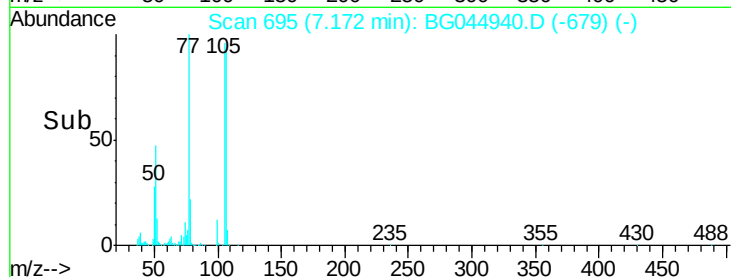
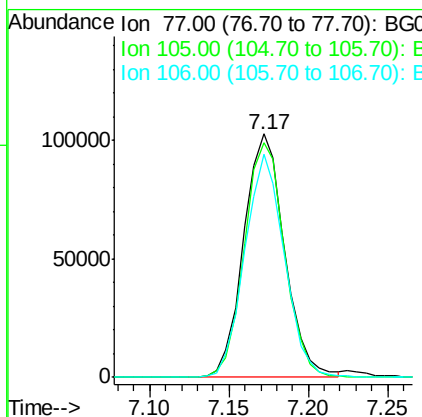
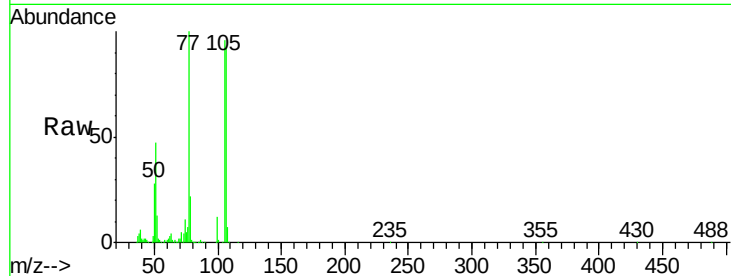
ClientSampleId :

PB127773BSD

Tot Ion:	77	Resp:	183718
Ion Ratio	Lower	Upper	
77	100		
105	96.2	69.3	109.3
106	91.7	64.5	104.5

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:44 PM



#10

Phenol

Concen: 41.012 ng

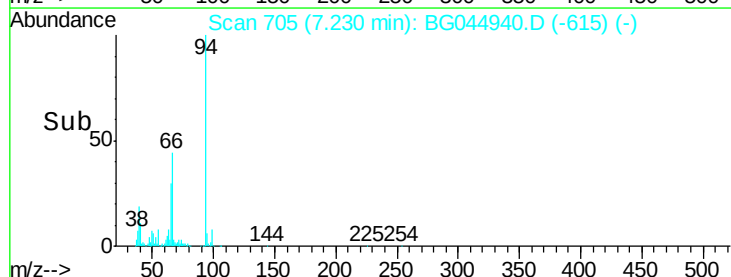
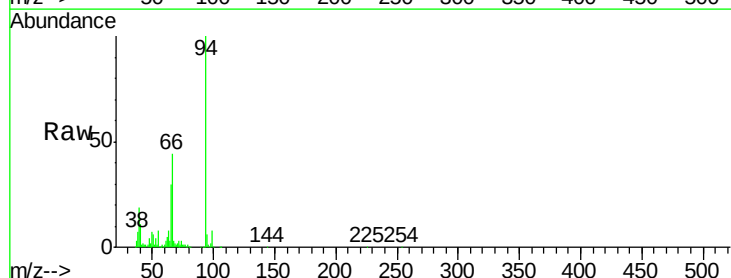
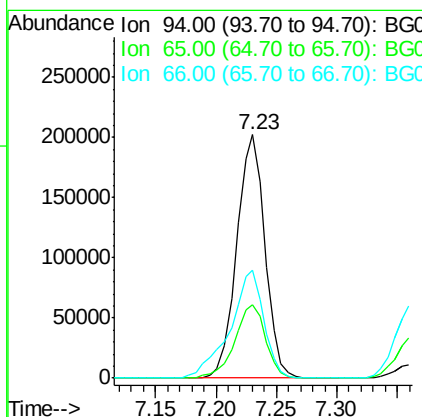
RT: 7.23 min Scan# 705

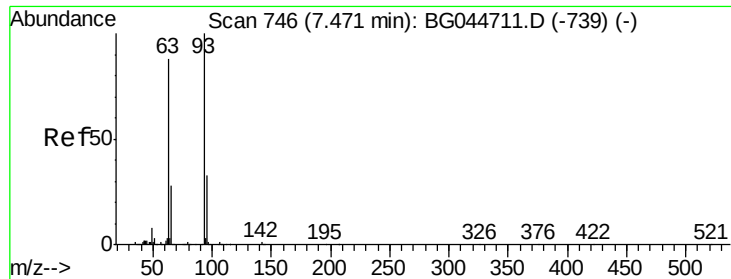
Delta R.T. 0.00 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Tgt Ion:	94	Resp:	328927
Ion Ratio	Lower	Upper	
94	100		
65	30.3	11.0	51.0
66	44.4	20.1	60.1





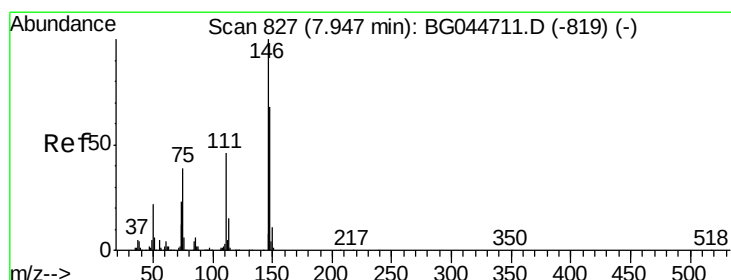
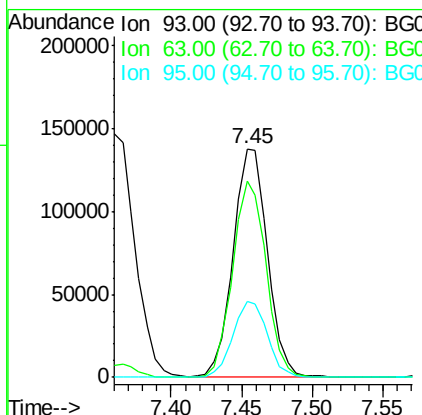
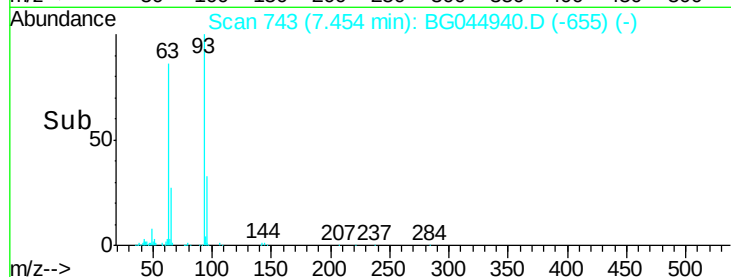
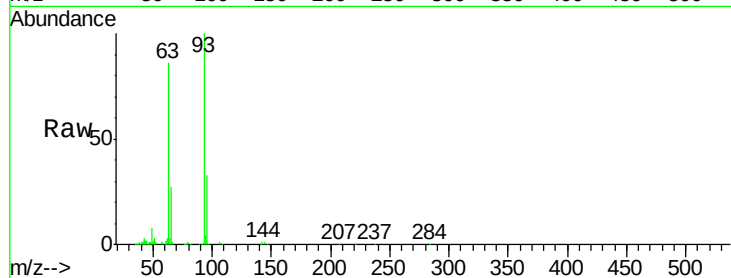
#11
bis(2-Chloroethyl)ether
Concen: 36.233 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	85.8	59.7	99.7
95	33.2	13.1	53.1

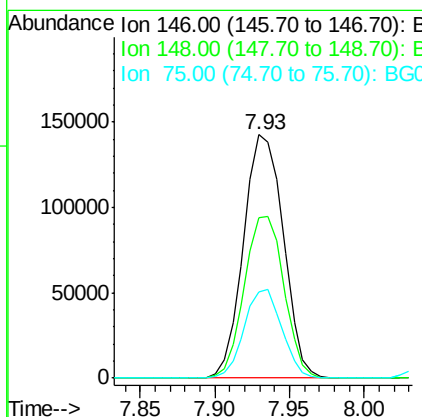
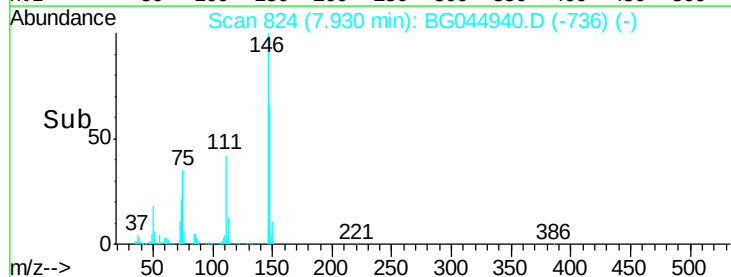
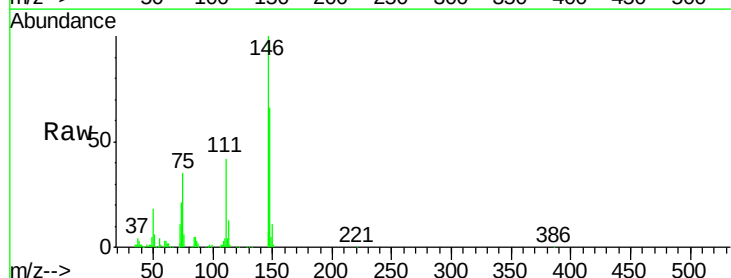
Manual Integrations
APPROVED

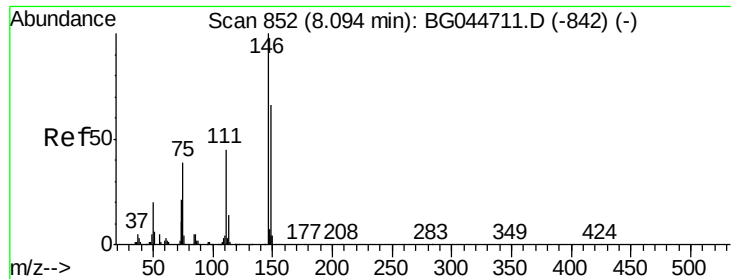
mohammad
3/25/2020 12:27:44 PM



#12
1,3-Dichlorobenzene
Concen: 38.397 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.8	54.2	81.4
75	35.1	28.6	42.8





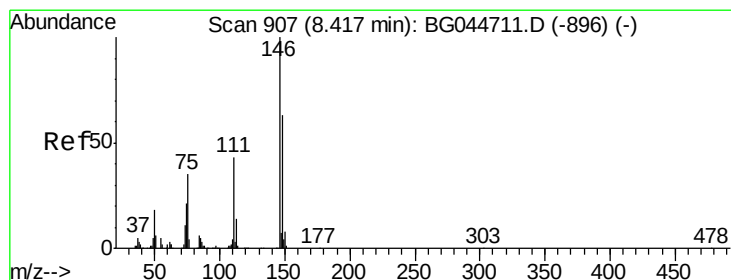
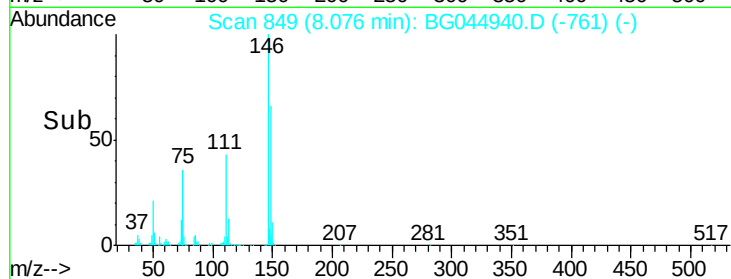
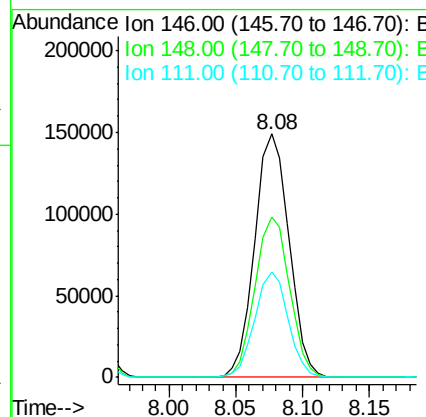
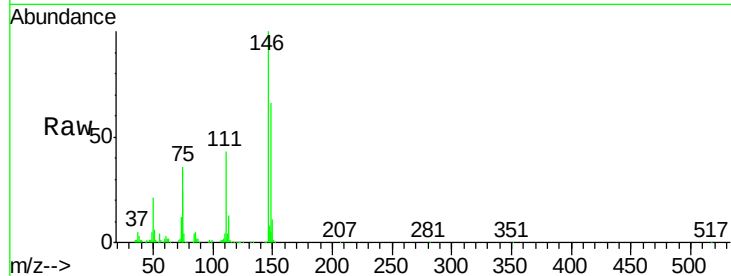
#13
 1,4-Dichlorobenzene
 Concen: 39.056 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044940.D
 Acq: 24 Mar 2020 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB127773BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	53.8	80.6
111	43.1	32.0	48.0

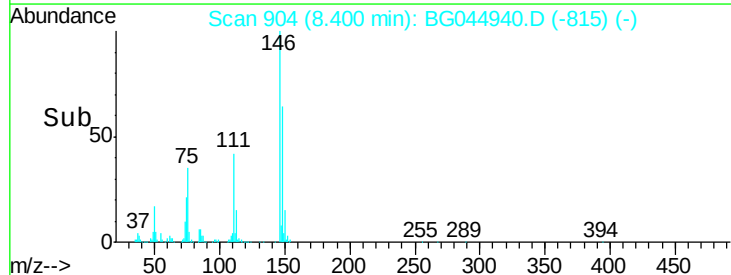
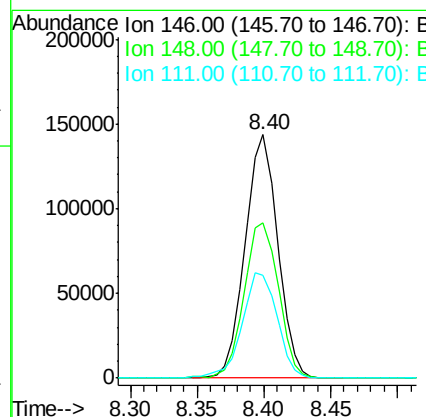
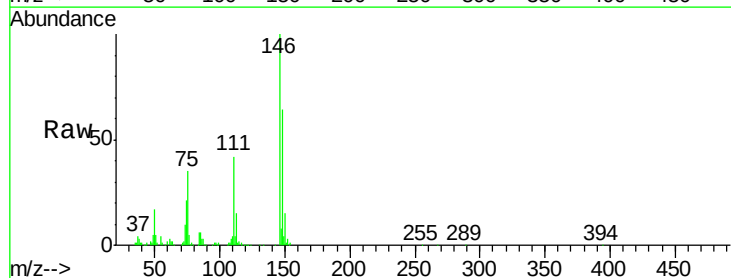
Manual Integrations
 APPROVED

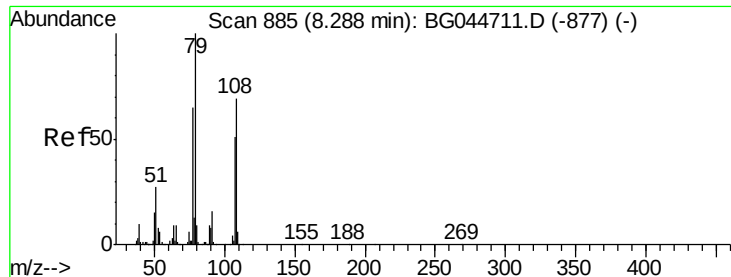
mohammad
 3/25/2020 12:27:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.784 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG044940.D
 Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
111	42.2	33.4	50.2





#15

Benzyl Alcohol

Concen: 37.295 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

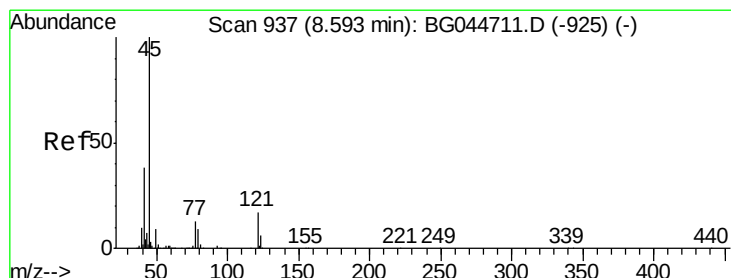
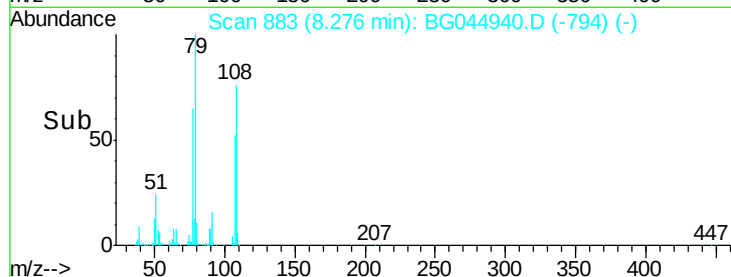
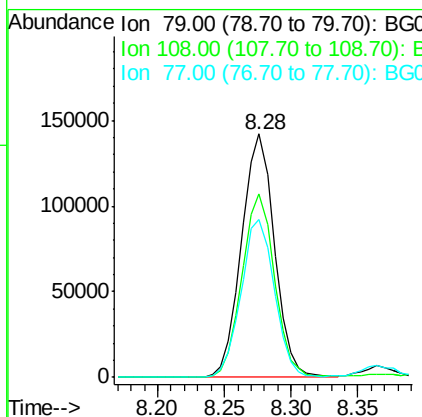
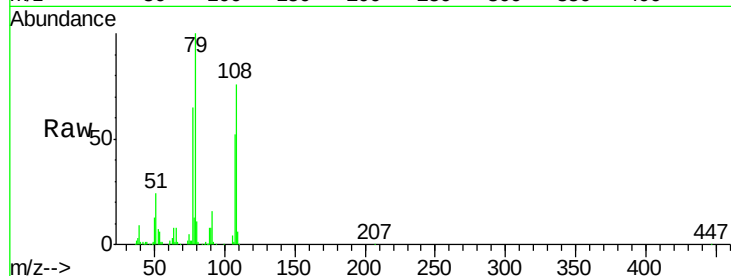
ClientSampleId :

PB127773BSD

Tot Ion:	79	Resp:	242413
Ion Ratio	Lower	Upper	
79	100		
108	75.5	53.8	80.8
77	64.9	47.8	71.8

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:44 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.646 ng

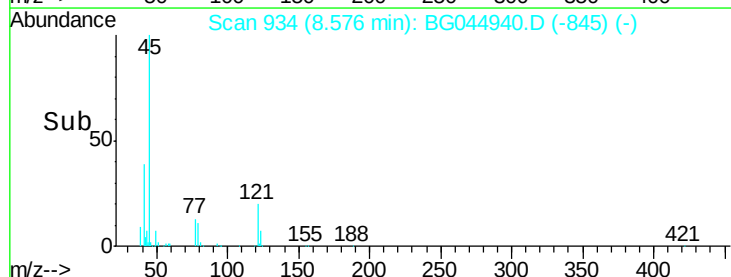
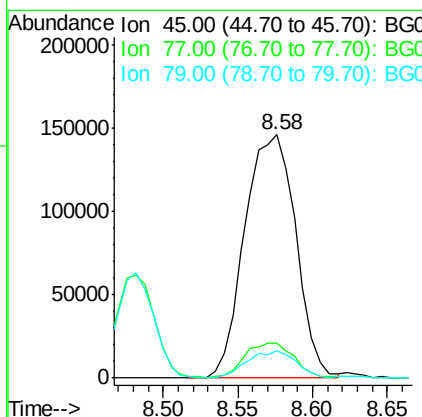
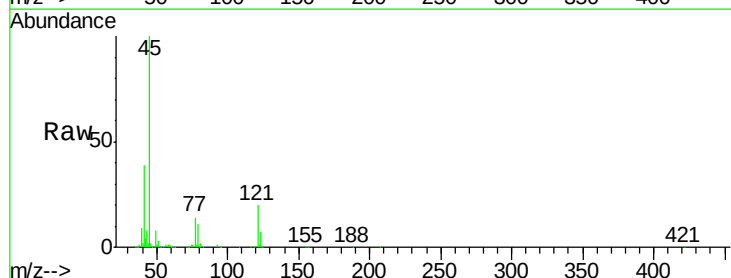
RT: 8.58 min Scan# 934

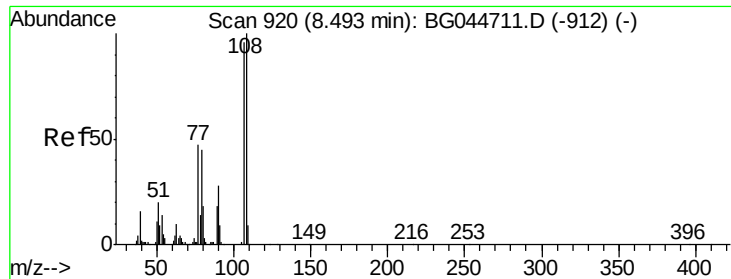
Delta R.T. -0.00 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Tgt Ion:	45	Resp:	346167
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	33.9
79	11.2	0.0	30.8





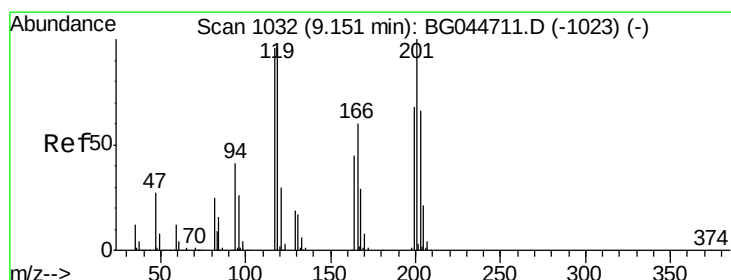
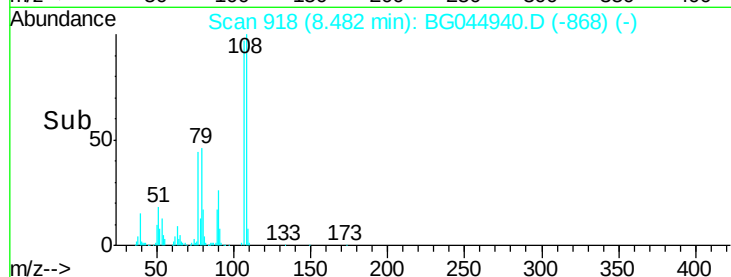
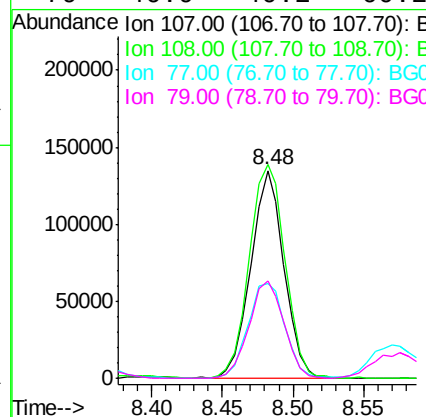
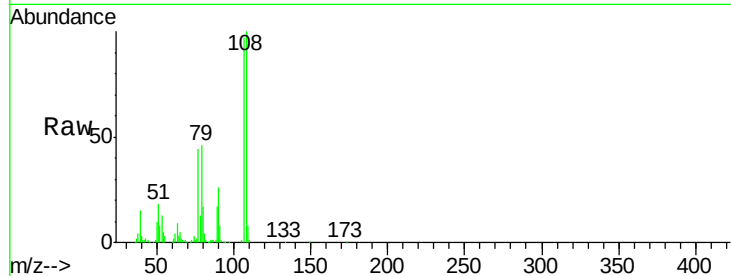
#17
2-Methylphenol
Concen: 41.028 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	222894		
108	102.7	91.8	137.8	
77	45.4	40.0	60.0	
79	46.9	40.2	60.2	

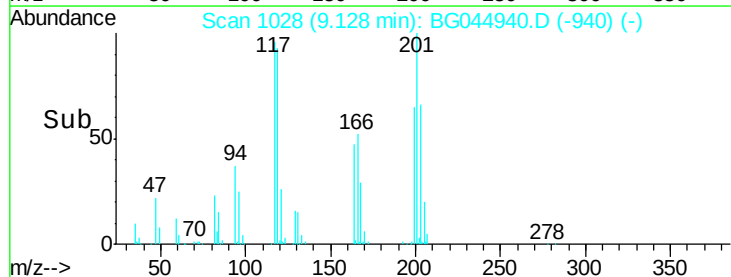
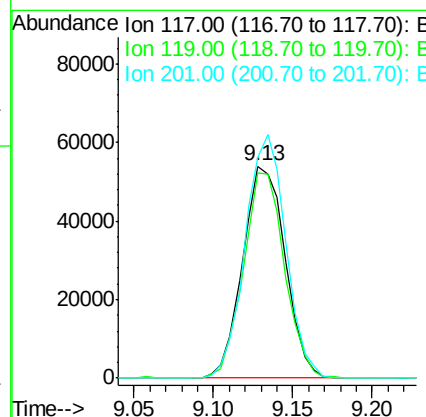
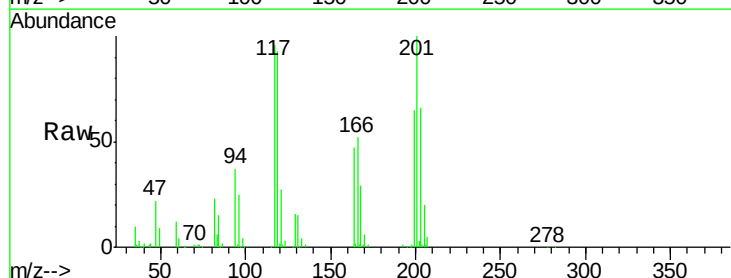
Manual Integrations
APPROVED

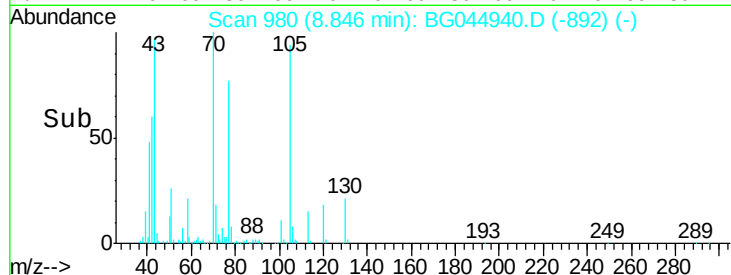
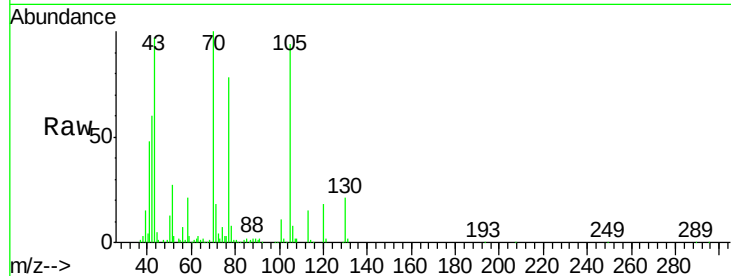
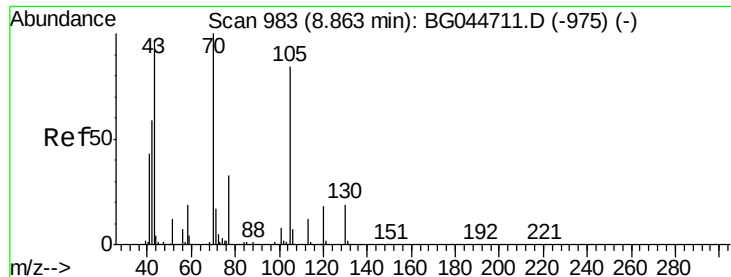
mohammad
3/25/2020 12:27:44 PM



#18
Hexachloroethane
Concen: 37.679 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100553		
119	96.8	75.2	112.8	
201	103.8	81.1	121.7	





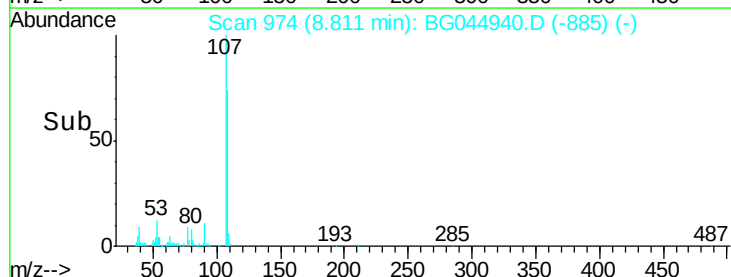
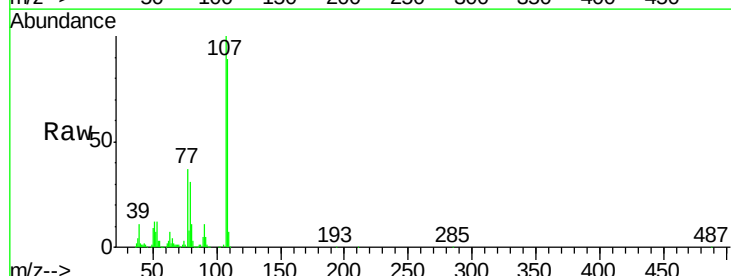
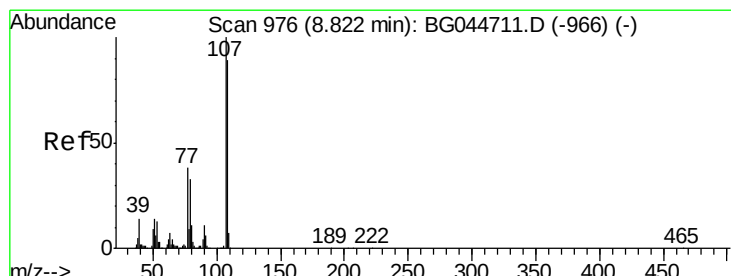
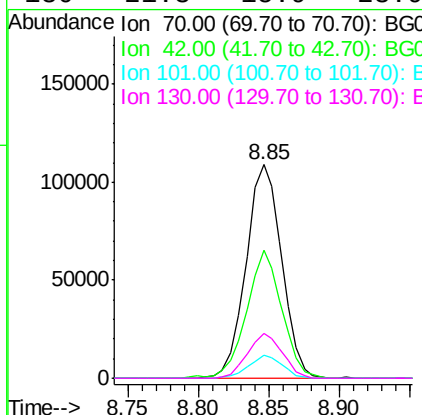
#19
n-Nitroso-di-n-propylamine
Concen: 33.599 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		192194		
42	60.0	45.7	68.5		
101	10.9	7.4	11.2		
130	21.3	15.9	23.9		

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

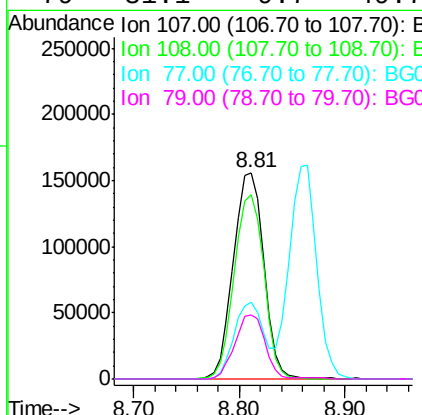
Manual Integrations
APPROVED

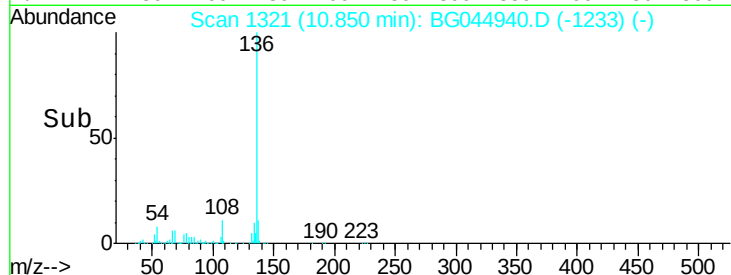
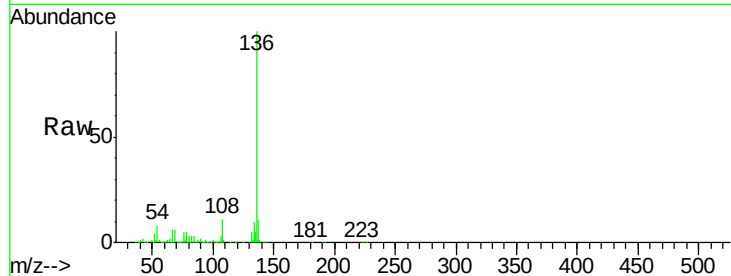
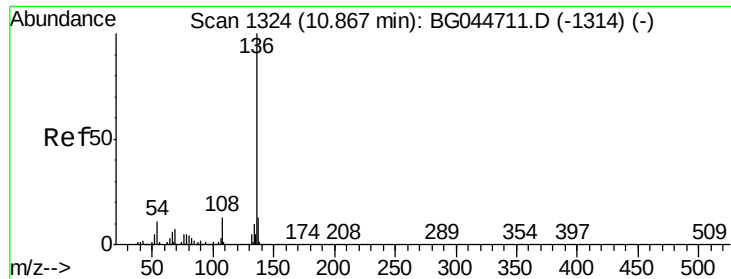
mohammad
3/25/2020 12:27:44 PM



#20
3+4-Methylphenols
Concen: 41.631 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		311779		
108	89.4	71.3	111.3		
77	37.5	16.9	56.9		
79	31.1	9.7	49.7		





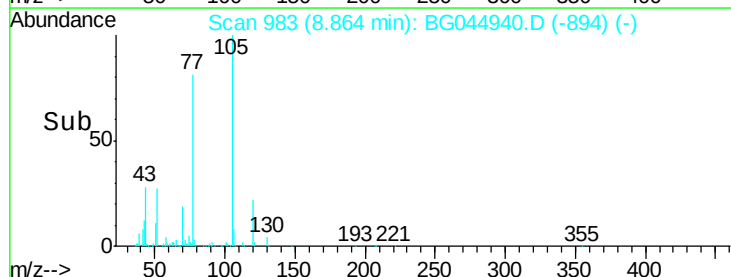
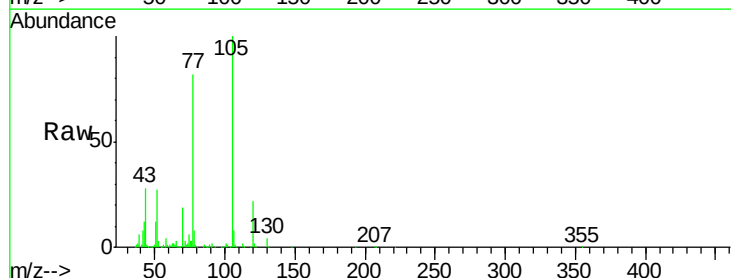
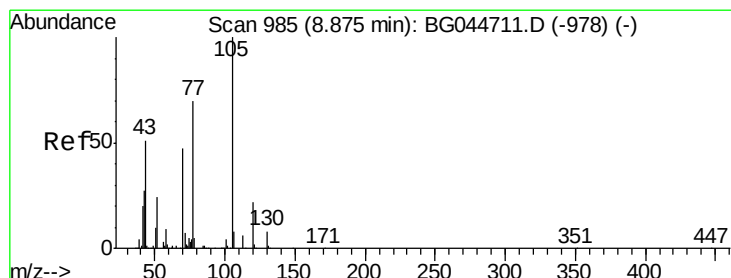
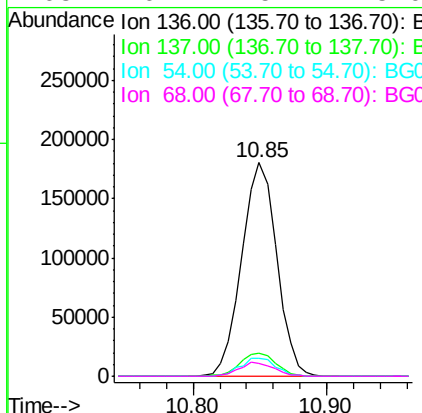
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tot Ion	136	Resp	327693
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.6
54	8.3	7.9	11.9
68	6.1	5.4	8.0

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

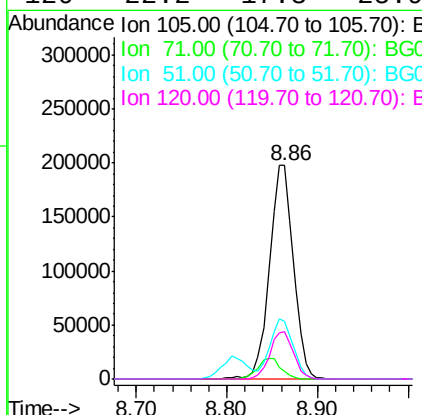
Manual Integrations
APPROVED

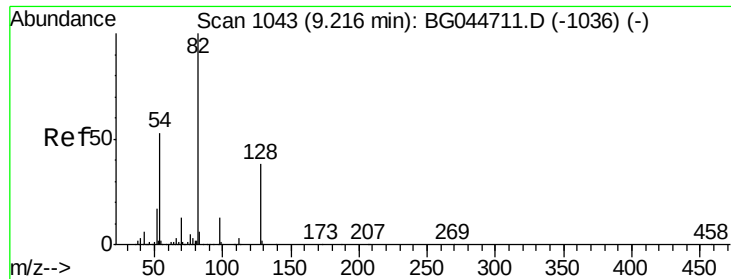
mohammad
3/25/2020 12:27:44 PM



#22
Acetophenone
Concen: 39.010 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	105	Resp	362149
Ion Ratio	Lower	Upper	
105	100		
71	3.3	3.9	5.9#
51	27.2	22.6	33.8
120	22.2	17.3	25.9





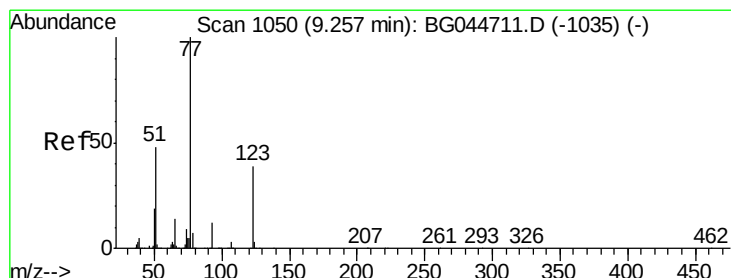
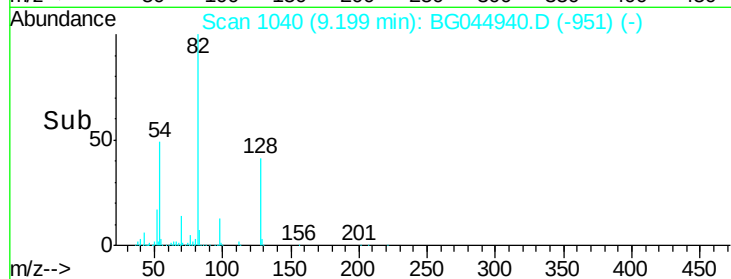
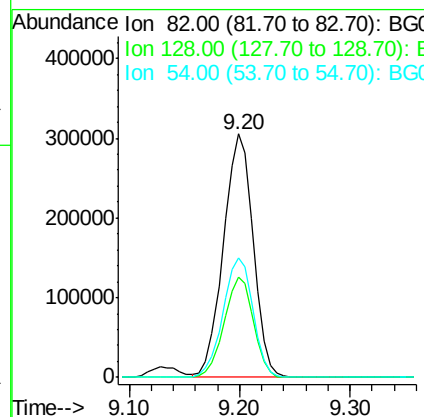
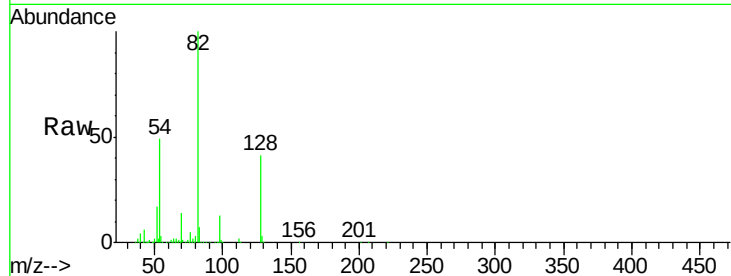
#23
 Nitrobenzene-d5
 Concen: 76.748 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044940.D
 Acq: 24 Mar 2020 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB127773BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	30.6	46.0
54	49.2	37.1	55.7

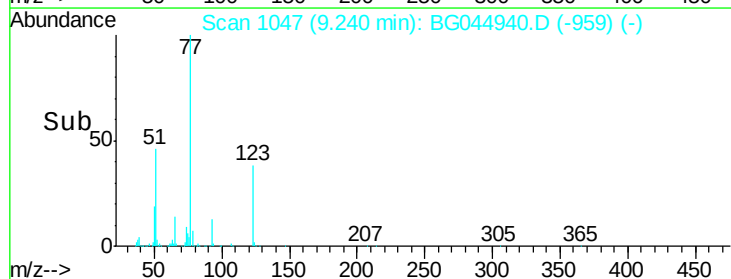
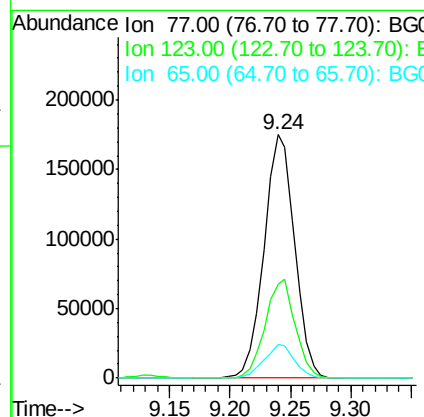
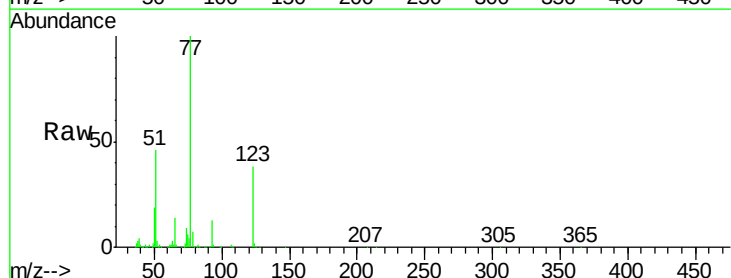
Manual Integrations
 APPROVED

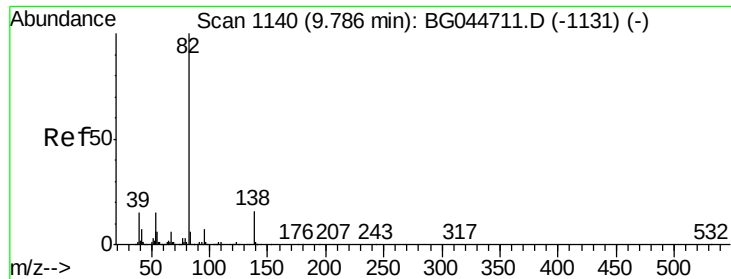
mohammad
 3/25/2020 12:27:44 PM



#24
 Nitrobenzene
 Concen: 39.590 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044940.D
 Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.3	31.3	46.9
65	13.8	11.4	17.0





#25

Isophorone

Concen: 37.451 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

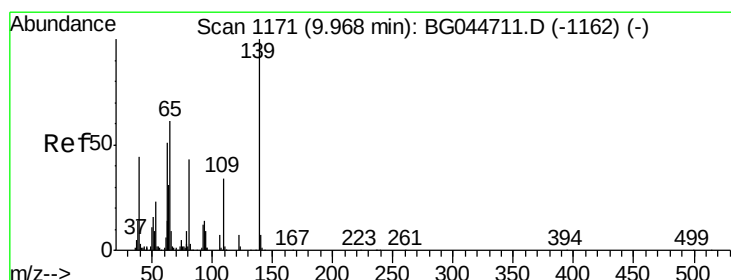
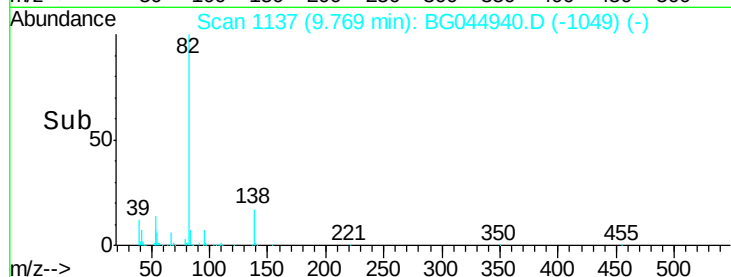
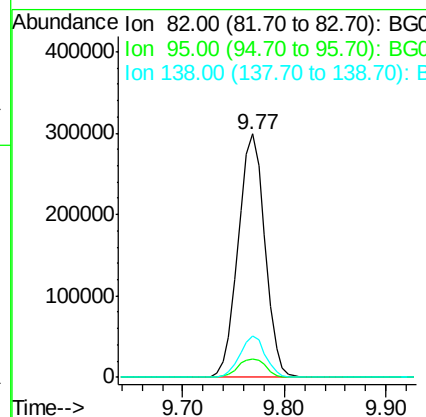
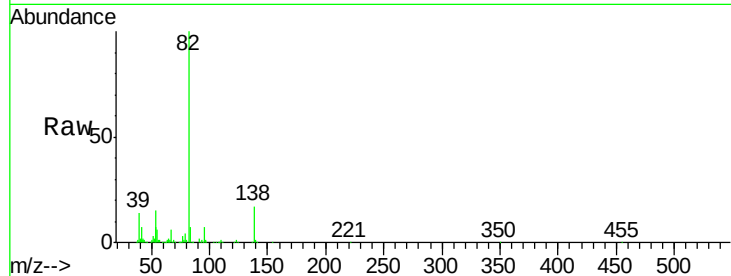
ClientSampleId :

PB127773BSD

Tot Ion:	82	Resp:	545832
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.5	8.3
138	17.2	12.5	18.7

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:44 PM



#26

2-Nitrophenol

Concen: 47.915 ng

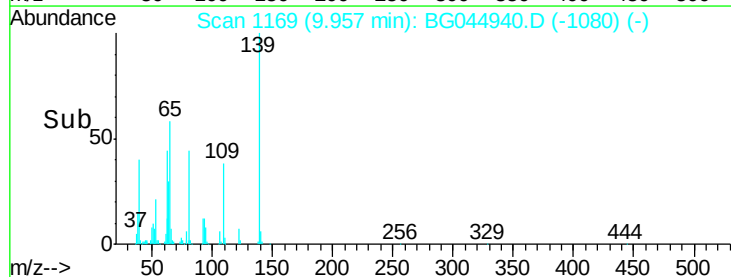
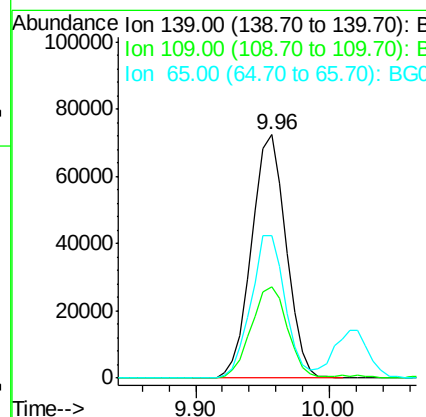
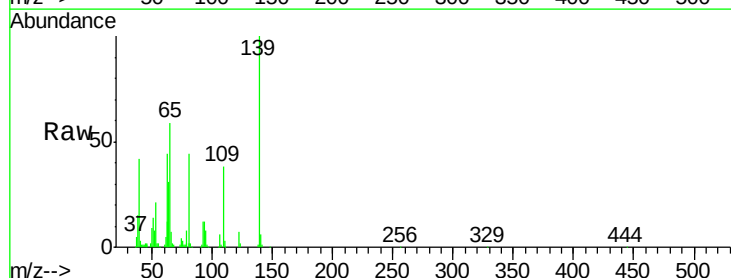
RT: 9.96 min Scan# 1169

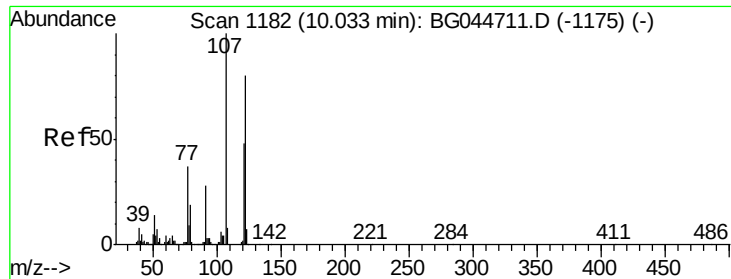
Delta R.T. -0.00 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Tgt Ion:	139	Resp:	128864
Ion Ratio	Lower	Upper	
139	100		
109	37.6	30.2	45.4
65	58.5	46.3	69.5





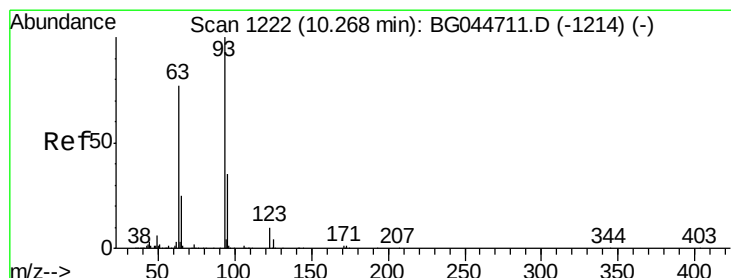
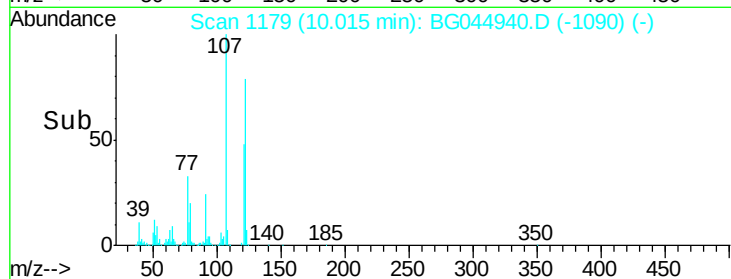
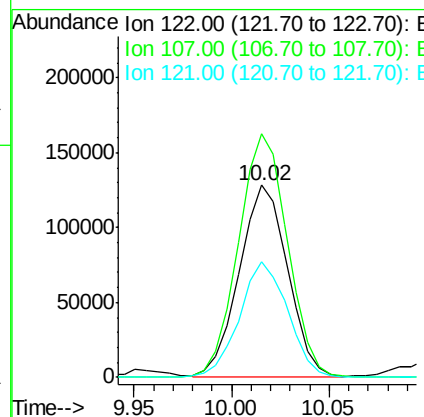
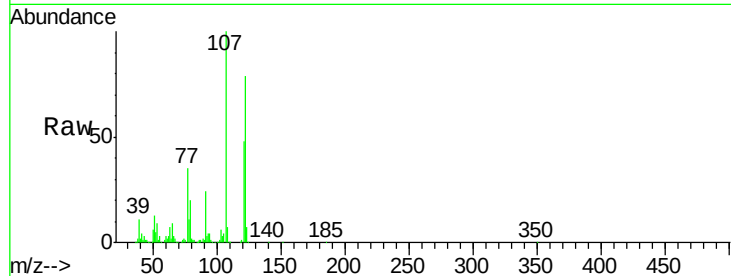
#27
 2,4-Dimethylphenol
 Concen: 46.066 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG044940.D
 Acq: 24 Mar 2020 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB127773BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.7	107.1	160.7
121	60.5	46.8	70.2

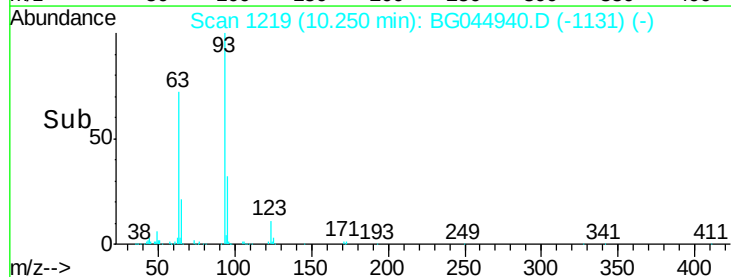
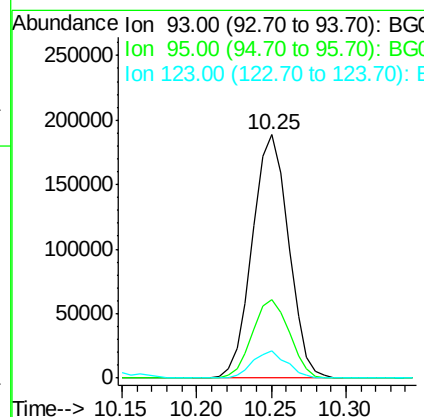
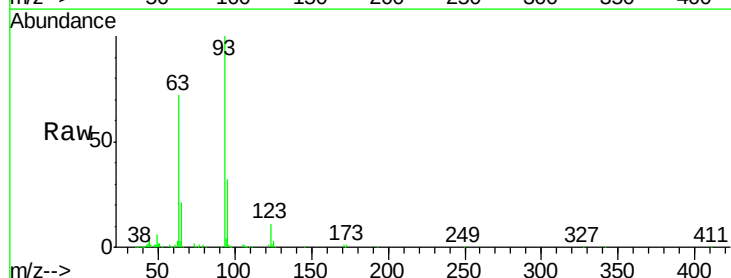
Manual Integrations
 APPROVED

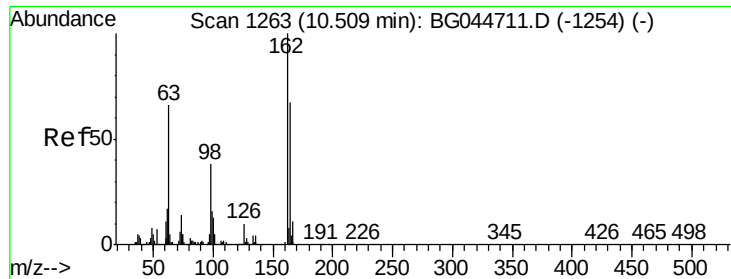
mohammad
 3/25/2020 12:27:44 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.461 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044940.D
 Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	11.1	8.4	12.6





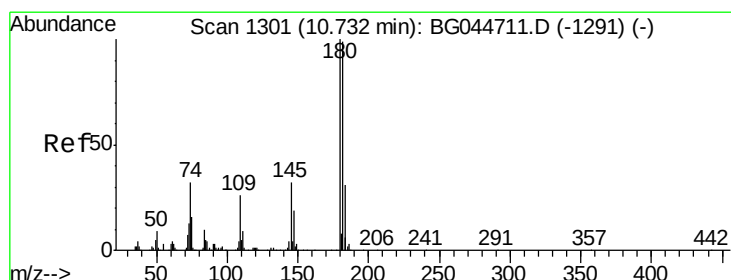
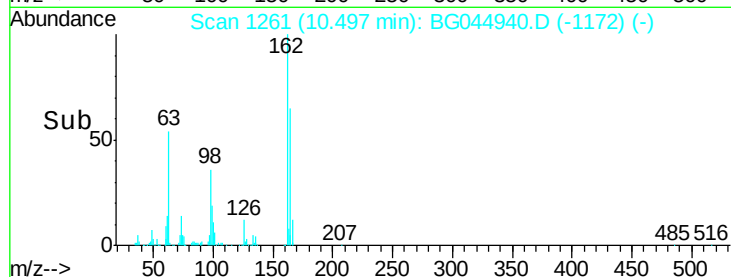
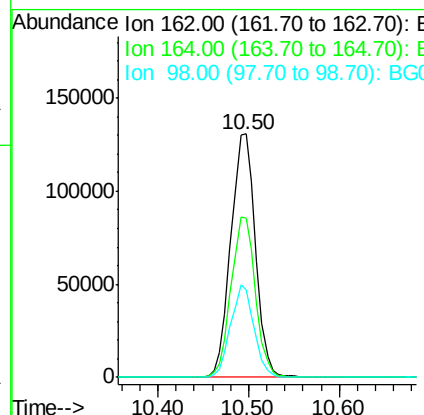
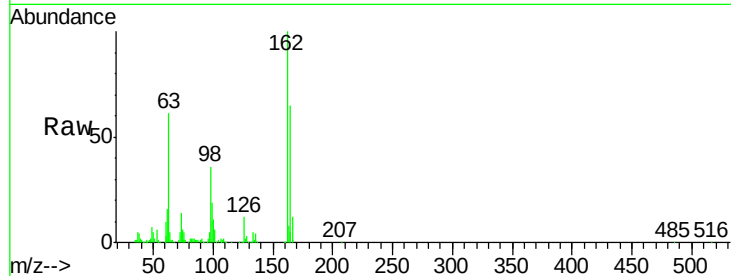
#29
 2,4-Dichlorophenol
 Concen: 44.684 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044940.D
 Acq: 24 Mar 2020 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB127773BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	247718		
164	65.1	45.2	85.2	
98	35.8	19.0	59.0	

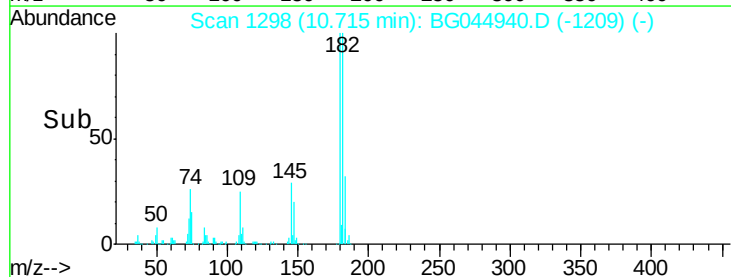
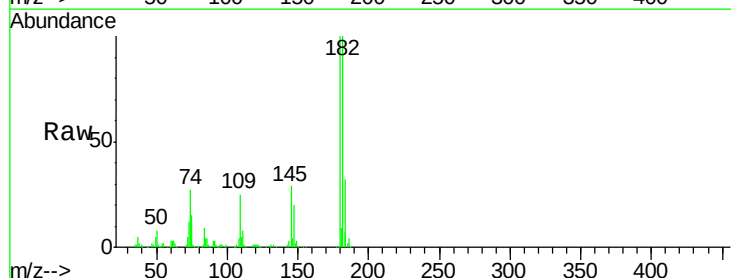
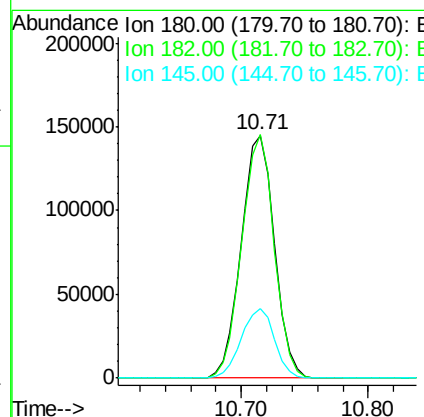
Manual Integrations
 APPROVED

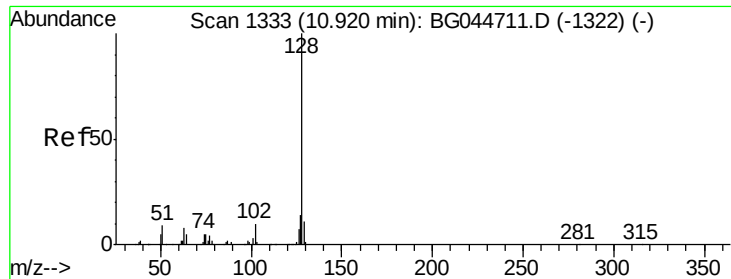
mohammad
 3/25/2020 12:27:44 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.704 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG044940.D
 Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	263188		
182	100.3	71.6	107.4	
145	28.6	23.4	35.0	





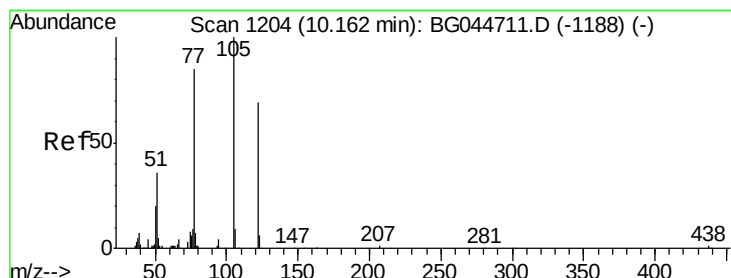
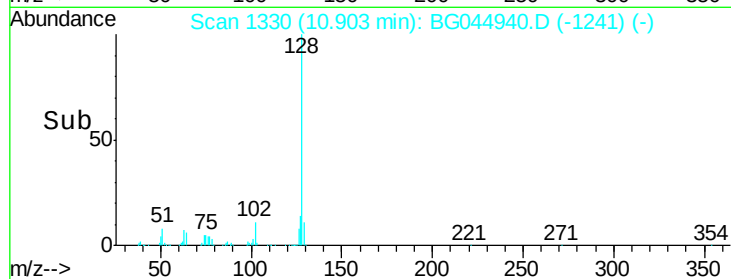
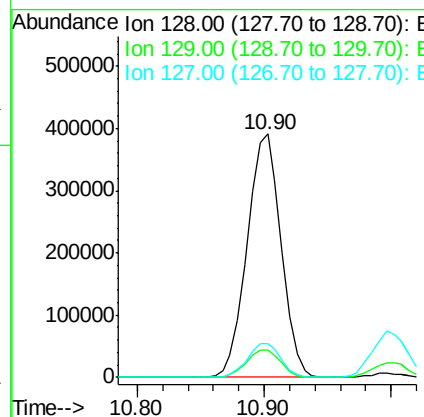
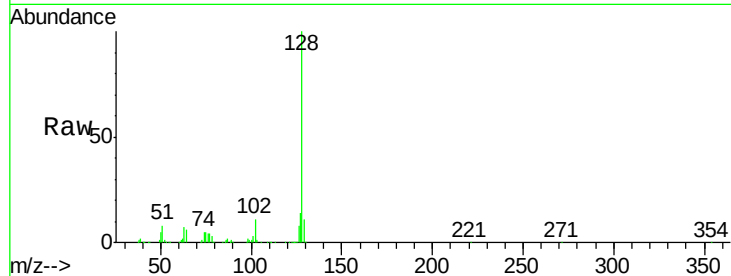
#31
Naphthalene
Concen: 39.962 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	9.0	13.4	
127	14.0	10.8	16.2	

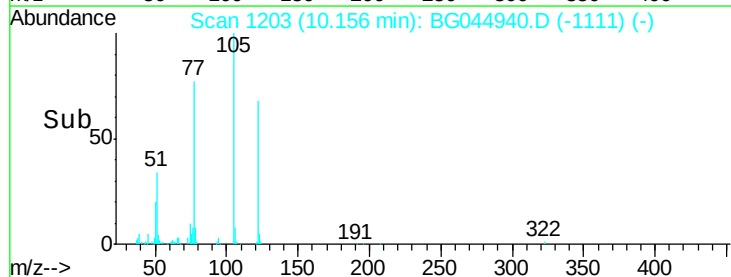
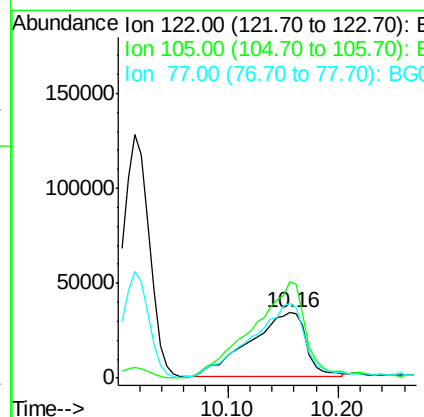
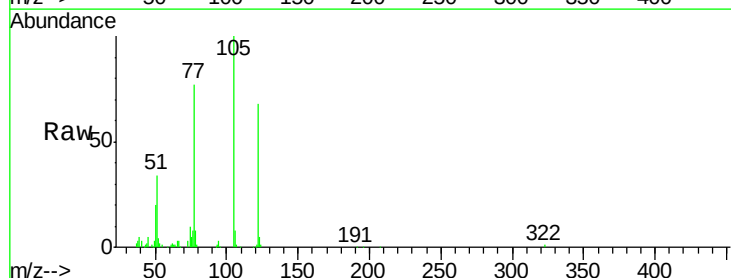
Manual Integrations
APPROVED

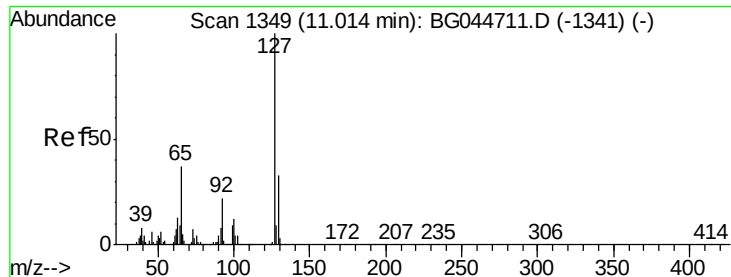
mohammad
3/25/2020 12:27:44 PM



#32
Benzoic acid
Concen: 35.245 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	147.5	109.1	149.1	
77	113.7	85.3	125.3	





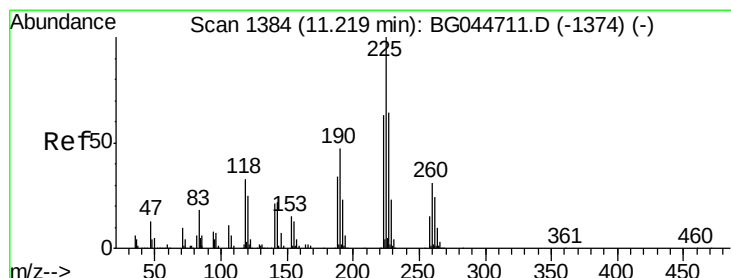
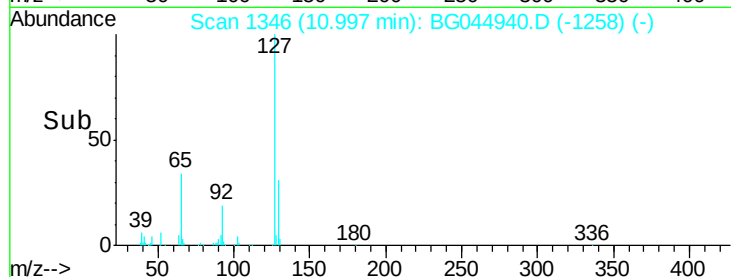
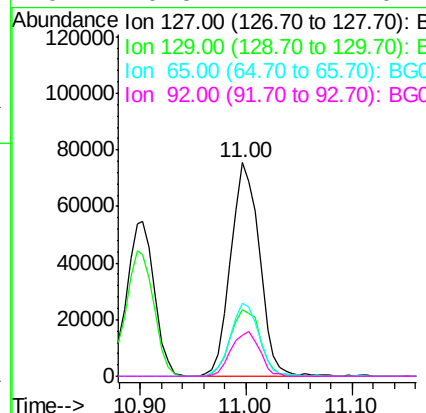
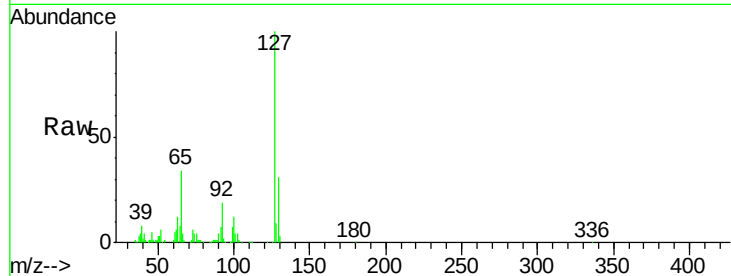
#33
4-Chloroaniline
Concen: 17.387 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	142195		
129	31.1	26.9	40.3	
65	34.4	27.7	41.5	
92	19.3	17.4	26.2	

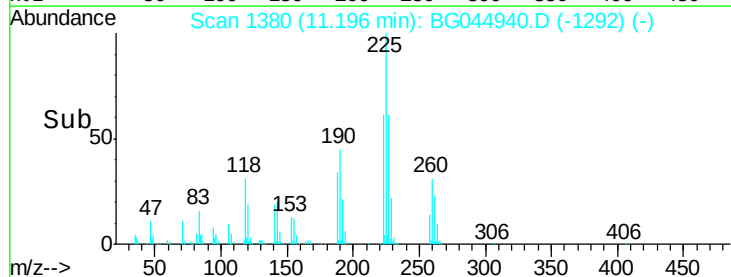
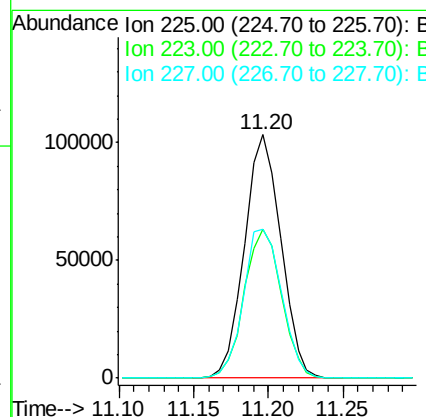
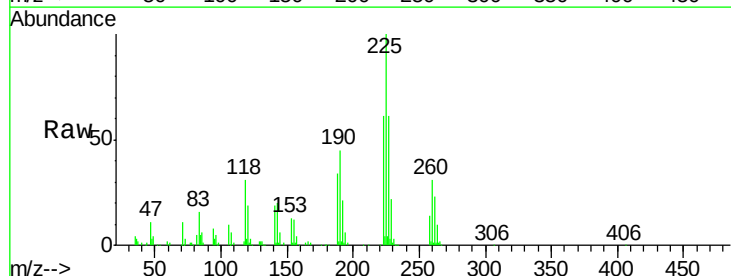
Manual Integrations
APPROVED

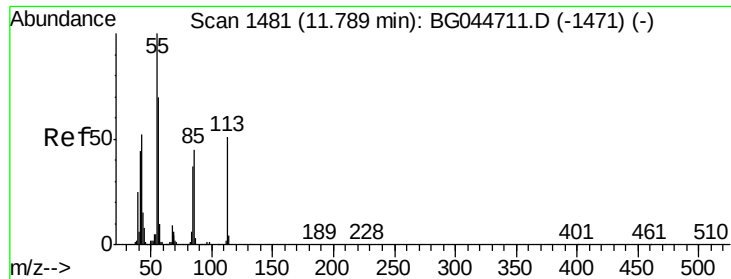
mohammad
3/25/2020 12:27:44 PM



#34
Hexachlorobutadiene
Concen: 40.037 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	174529		
223	61.2	47.4	71.0	
227	61.0	50.8	76.2	





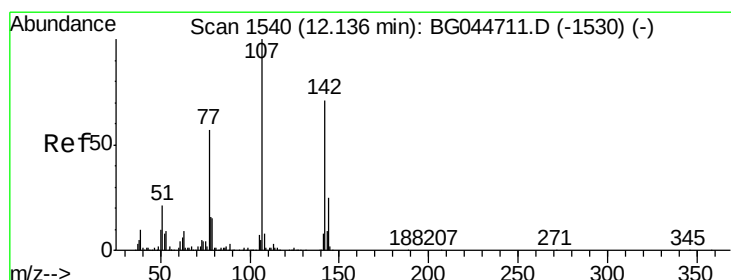
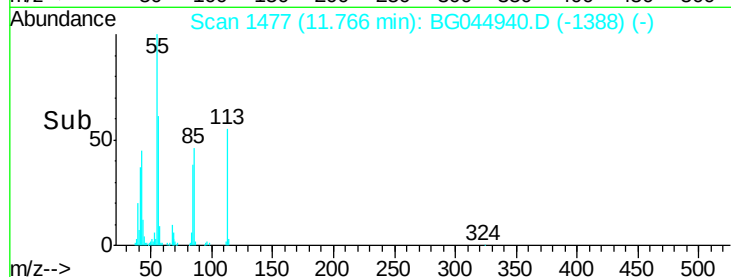
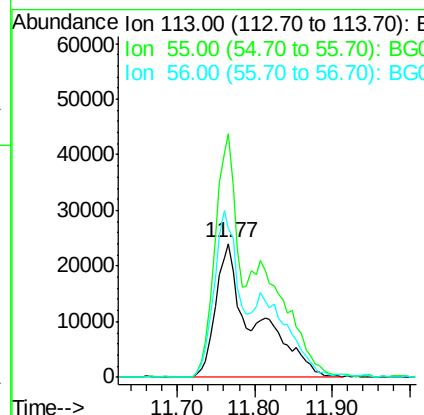
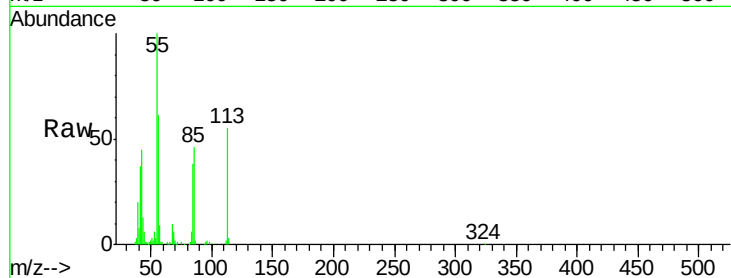
#35
 Caprolactam
 Concen: 40.425 ng/ml
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BG044940.D
 Acq: 24 Mar 2020 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB127773BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	182.3		173.8	213.8	
56	111.3		113.8	153.8	

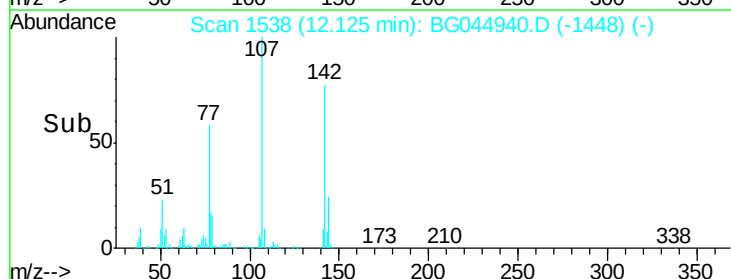
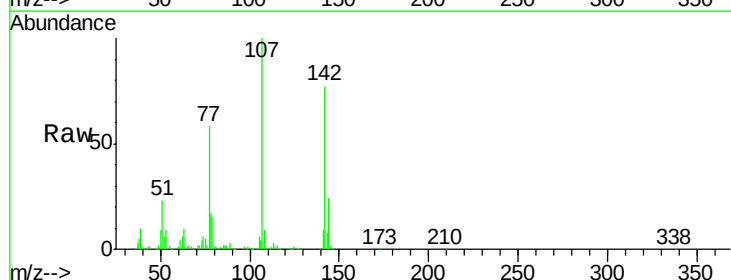
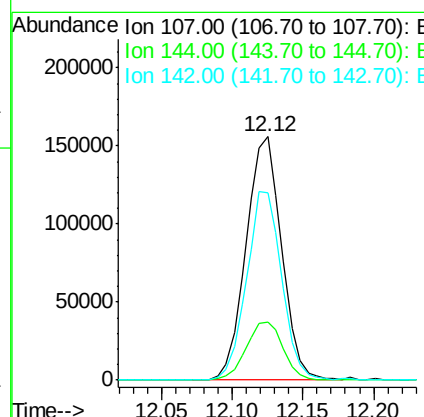
Manual Integrations
 APPROVED

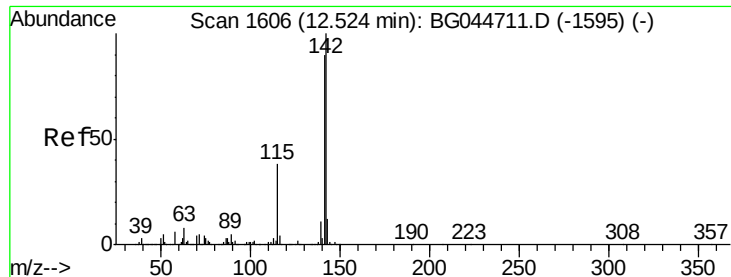
mohammad
 3/25/2020 12:27:44 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.700 ng/ml
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG044940.D
 Acq: 24 Mar 2020 21:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.8		18.0	27.0	
142	77.1		59.0	88.4	





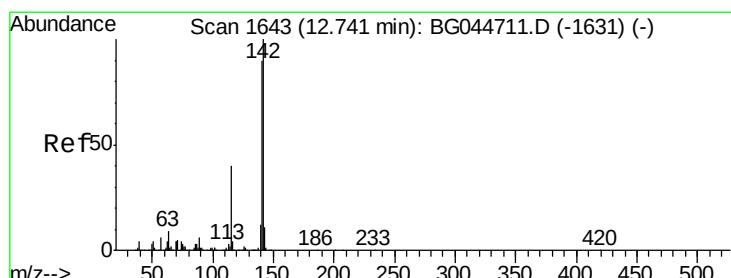
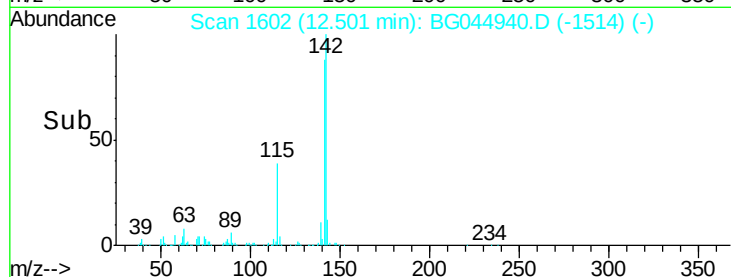
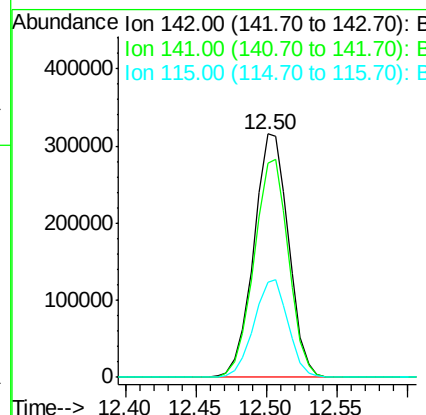
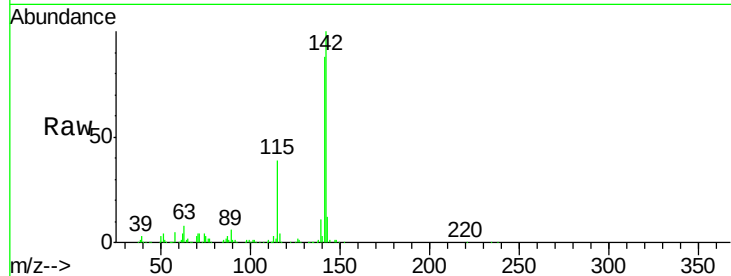
#37
2-Methylnaphthalene
Concen: 40.180 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	75.1	112.7
115	38.9	30.6	46.0

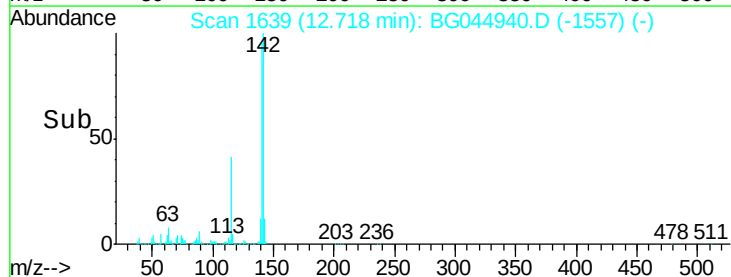
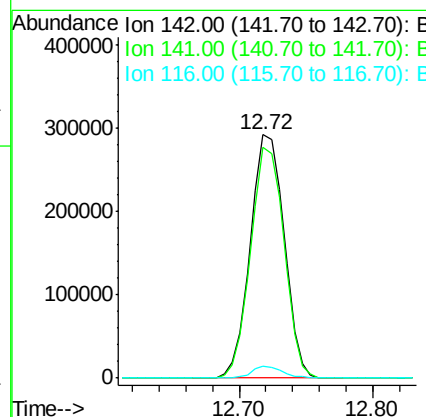
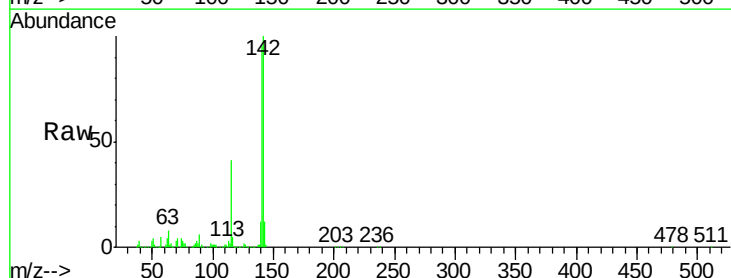
Manual Integrations
APPROVED

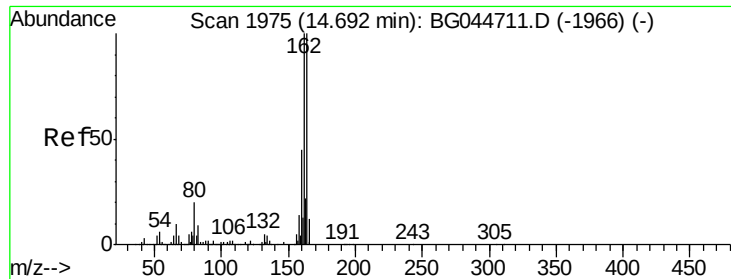
mohammad
3/25/2020 12:27:44 PM



#38
1-Methylnaphthalene
Concen: 39.997 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.02 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	74.7	112.1
116	4.7	3.3	4.9





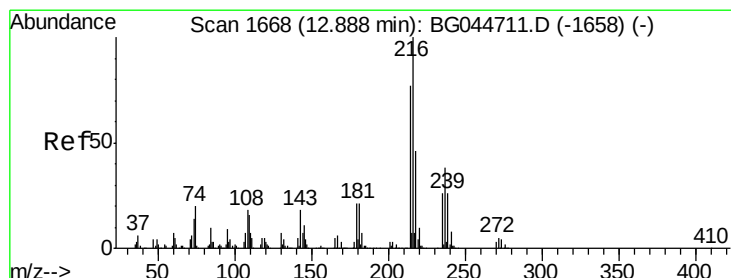
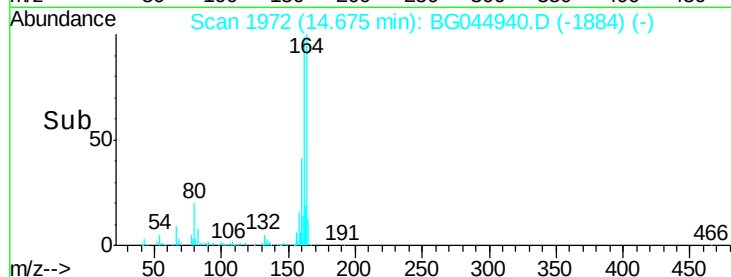
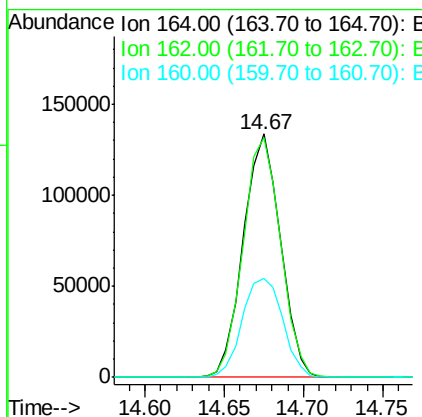
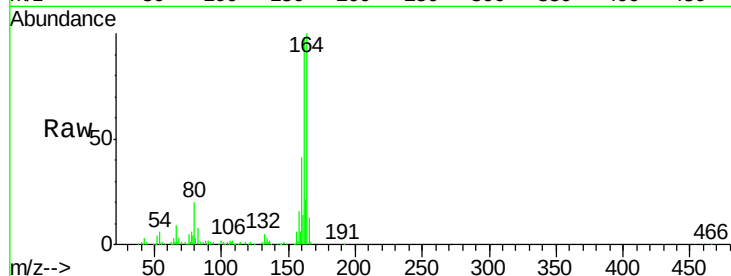
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	217699		
162	98.3	76.7	115.1	
160	40.7	35.0	52.4	

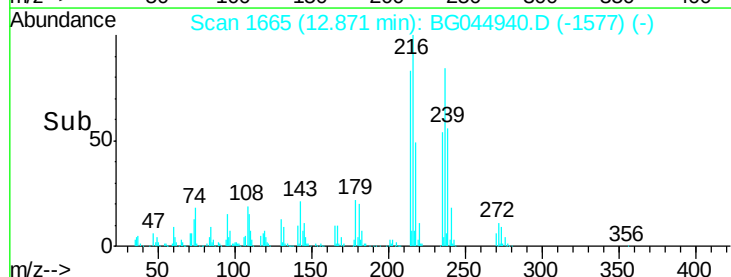
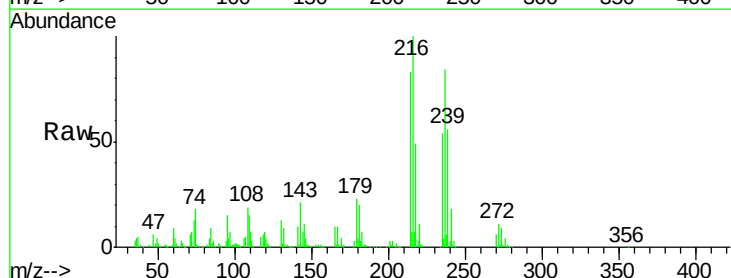
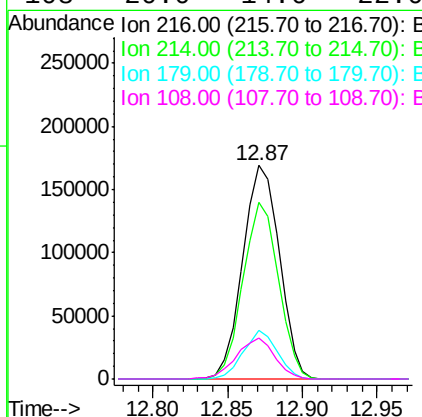
Manual Integrations
APPROVED

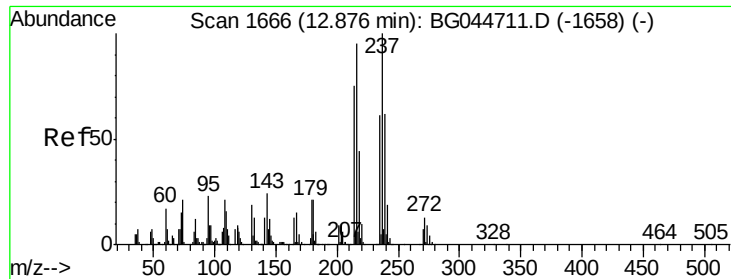
mohammad
3/25/2020 12:27:44 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.238 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	288488		
214	79.8	63.8	95.6	
179	21.0	16.2	24.2	
108	20.0	14.6	22.0	





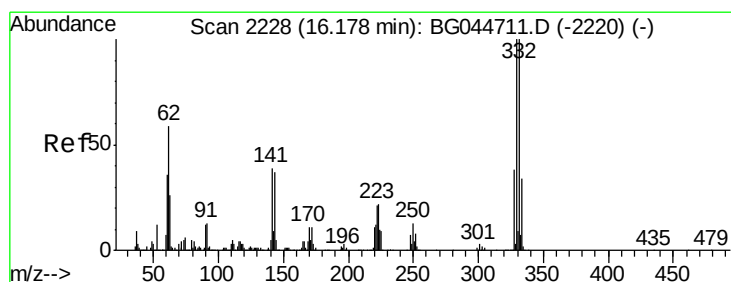
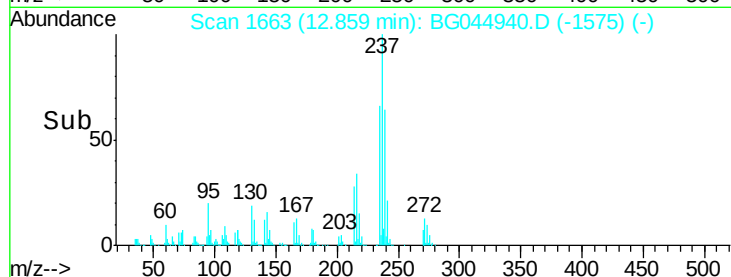
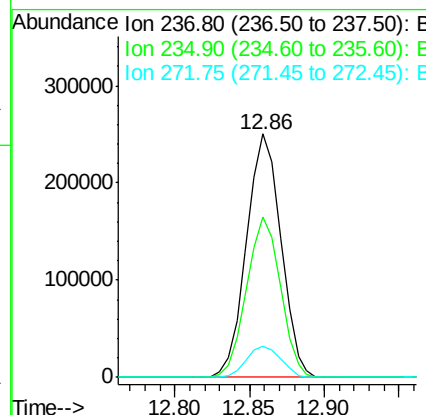
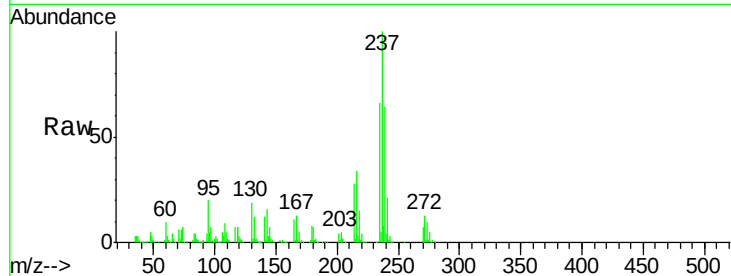
#41
Hexachlorocyclopentadiene
Concen: 101.818 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	398941		
235	65.8	42.9	82.9	
272	12.8	0.0	31.6	

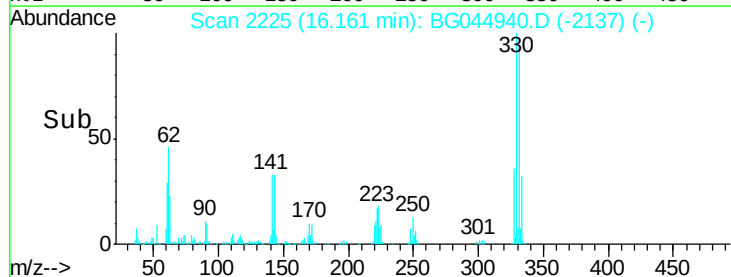
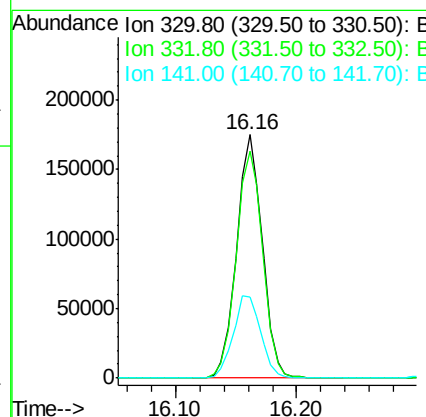
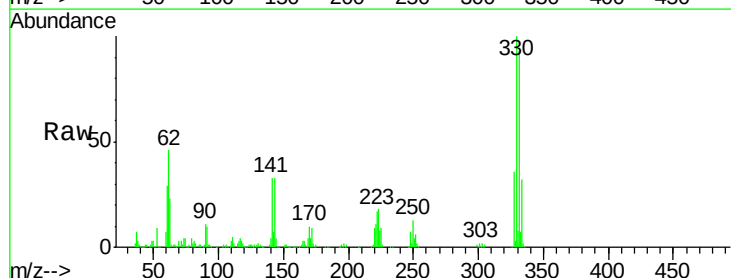
Manual Integrations
APPROVED

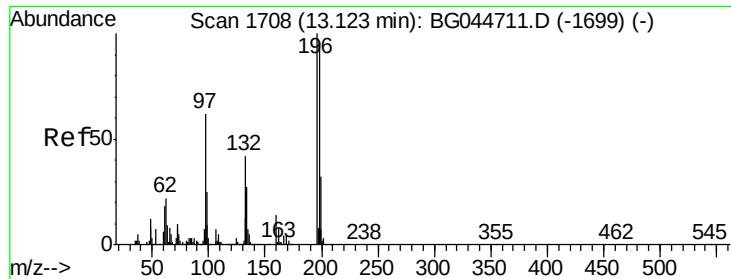
mohammad
3/25/2020 12:27:44 PM



#42
2,4,6-Tribromophenol
Concen: 91.233 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	260055		
332	96.0	77.8	116.6	
141	36.3	29.5	44.3	





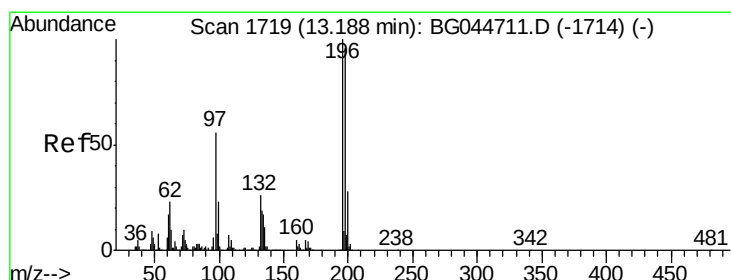
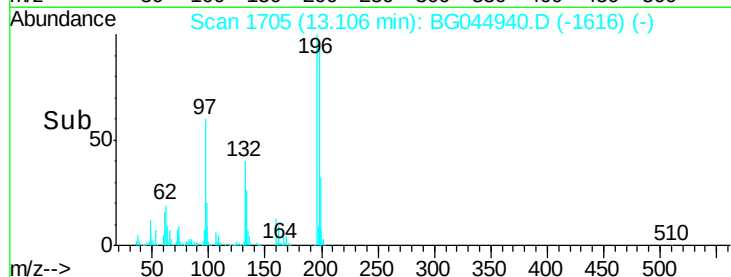
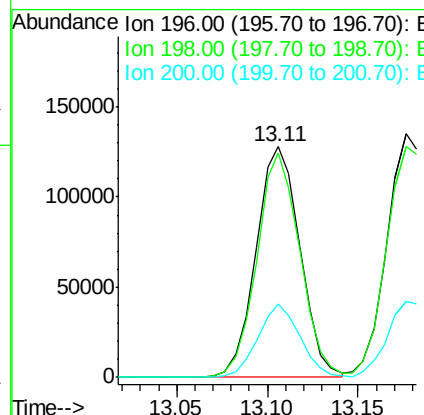
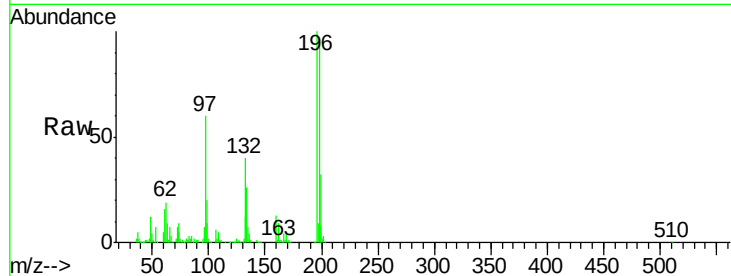
#43
 2,4,6-Trichlorophenol
 Concen: 45.105 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044940.D
 Acq: 24 Mar 2020 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB127773BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	214613		
198	97.1	74.9	112.3	
200	31.6	25.8	38.6	

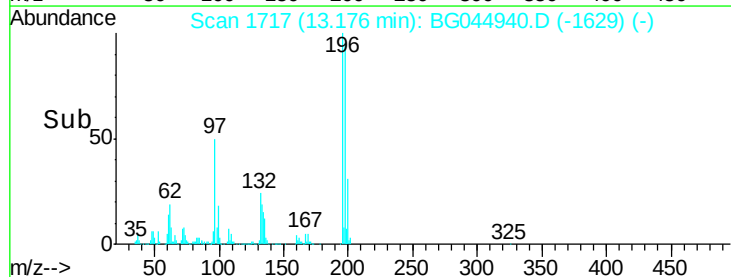
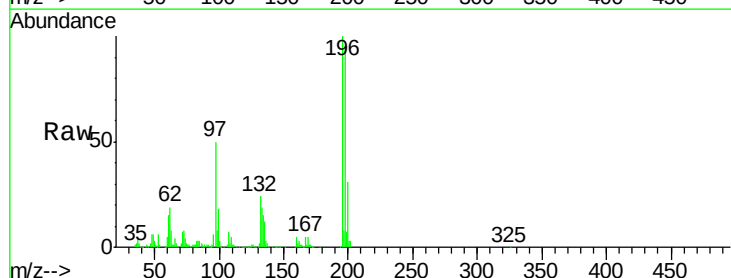
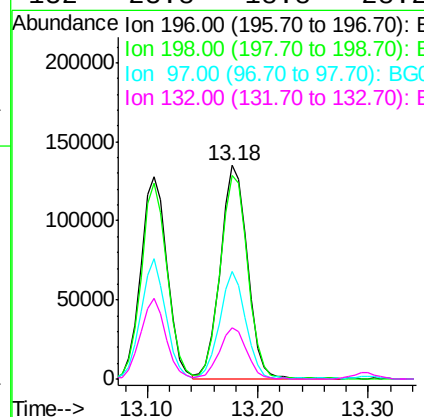
Manual Integrations
 APPROVED

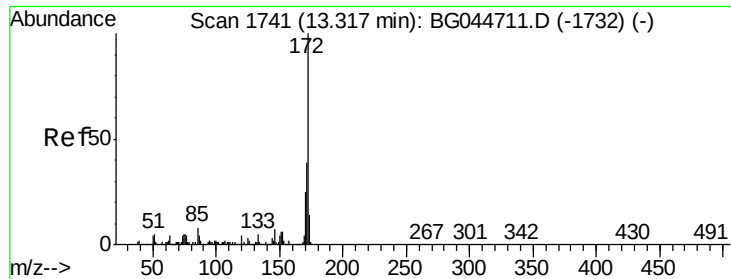
mohammad
 3/25/2020 12:27:44 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.614 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044940.D
 Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230010		
198	95.0	74.2	111.4	
97	50.3	36.7	55.1	
132	23.8	18.8	28.2	





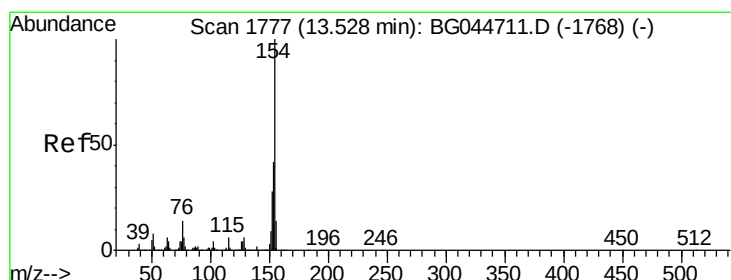
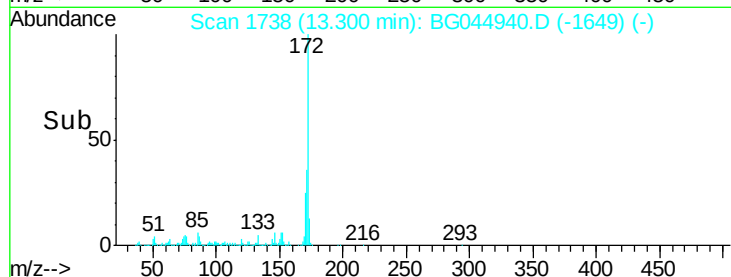
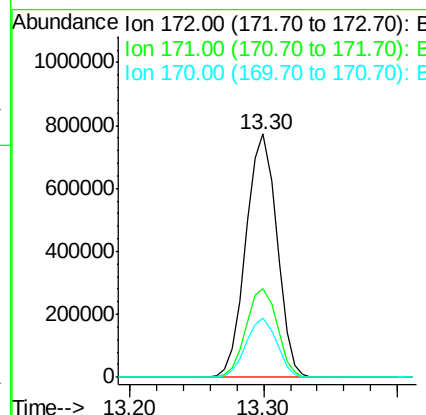
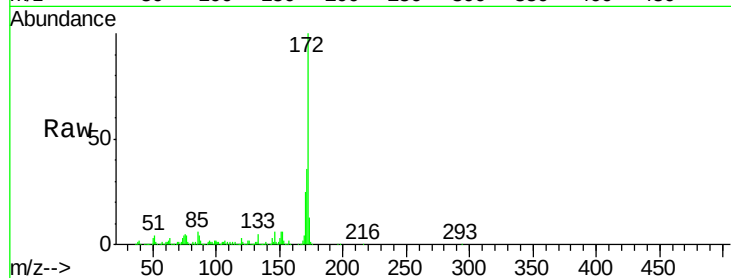
#45
2-Fluorobiphenyl
Concen: 81.213 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.7	43.1
170	24.6	19.0	28.6

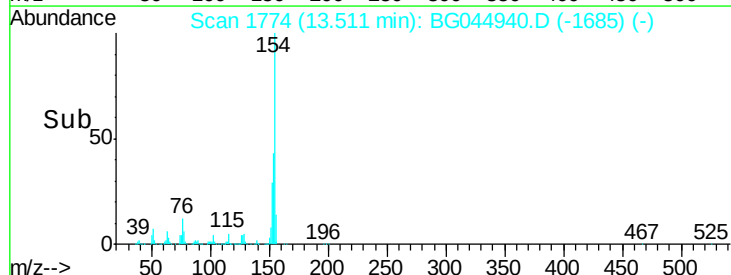
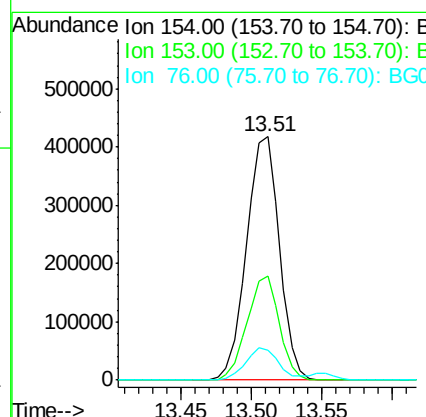
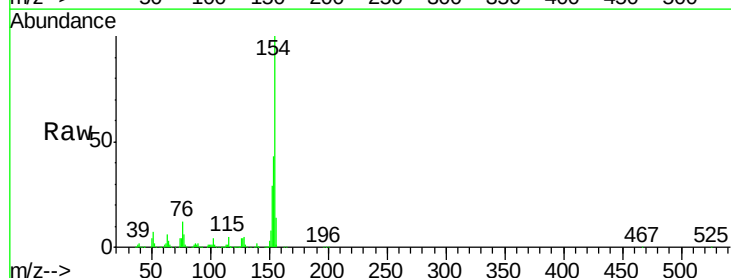
Manual Integrations
APPROVED

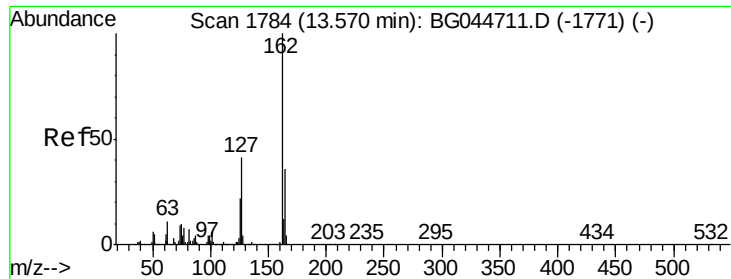
mohammad
3/25/2020 12:27:44 PM



#46
1,1'-Biphenyl
Concen: 39.139 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.9	62.9
76	12.3	0.0	34.6





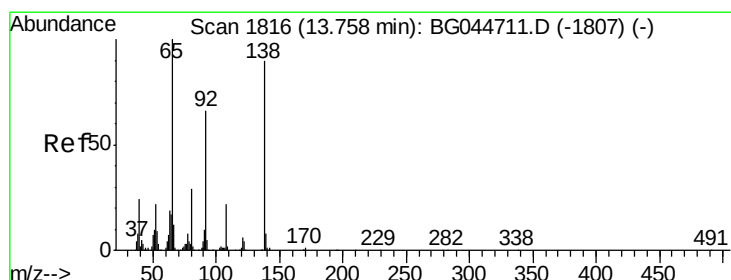
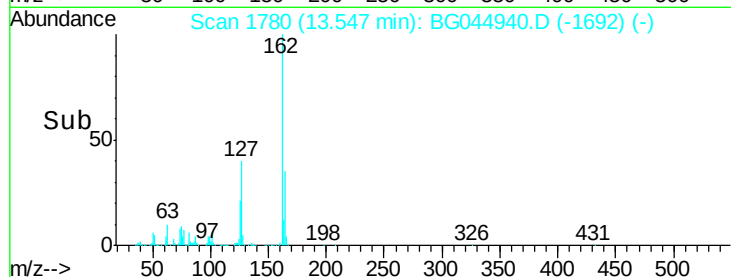
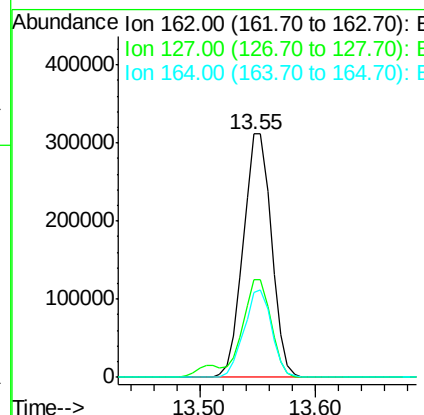
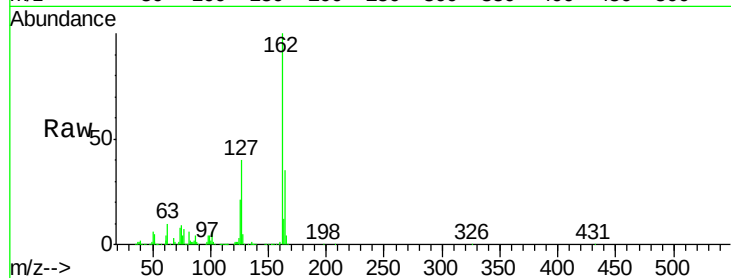
#47
2-Chloronaphthalene
Concen: 39.773 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.1	49.7
164	34.6	27.4	41.2

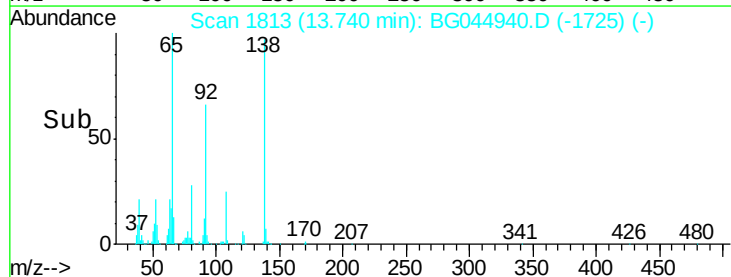
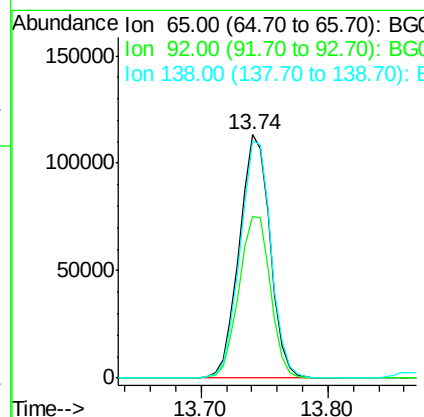
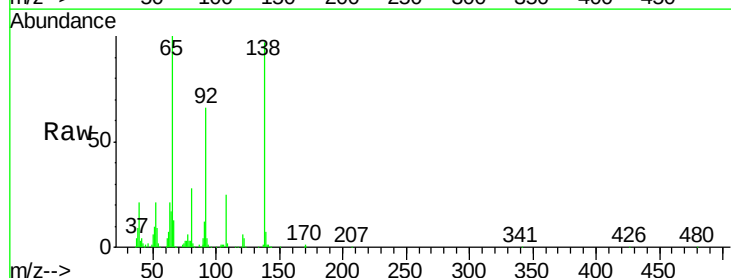
Manual Integrations
APPROVED

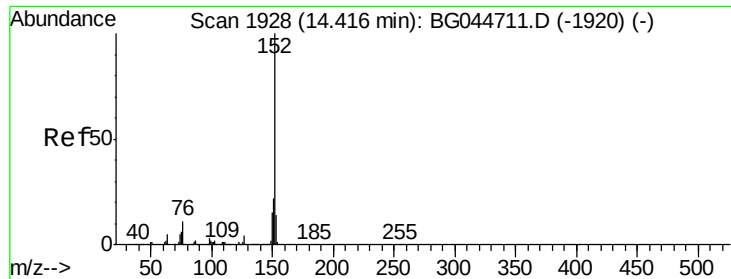
mohammad
3/25/2020 12:27:44 PM



#48
2-Nitroaniline
Concen: 40.821 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	52.6	79.0
138	97.4	78.3	117.5





#49

Acenaphthylene

Concen: 41.509 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

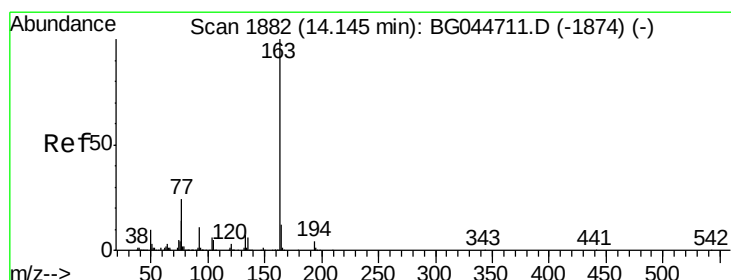
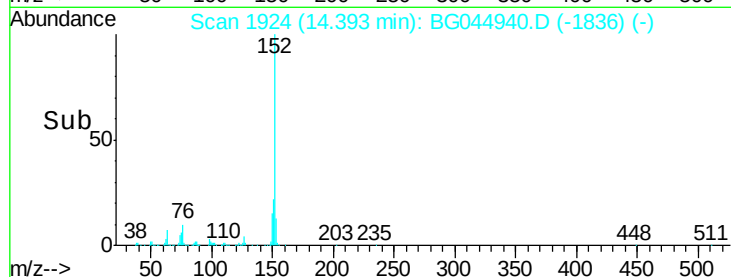
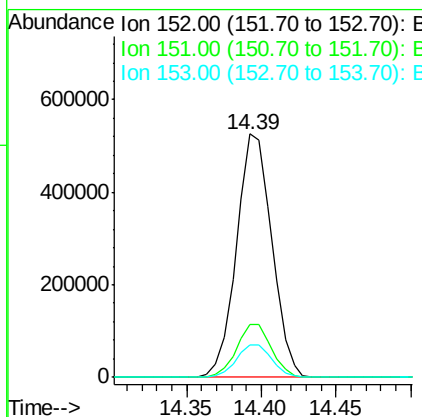
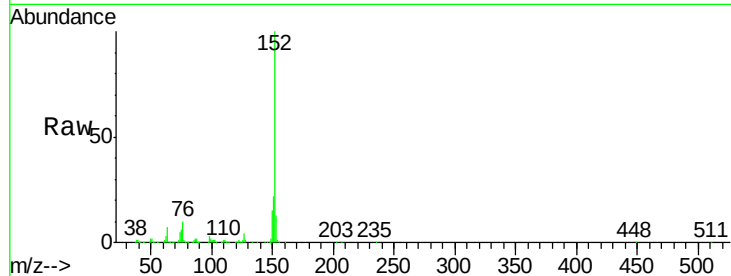
ClientSampleId :

PB127773BSD

Tot Ion:	152	Resp:	864224
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.8	25.2
153	13.4	10.8	16.2

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:44 PM



#50

Dimethylphthalate

Concen: 40.212 ng

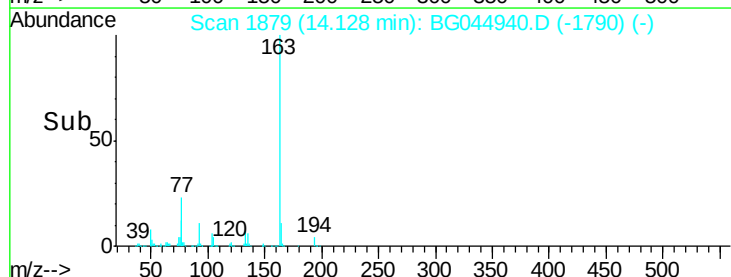
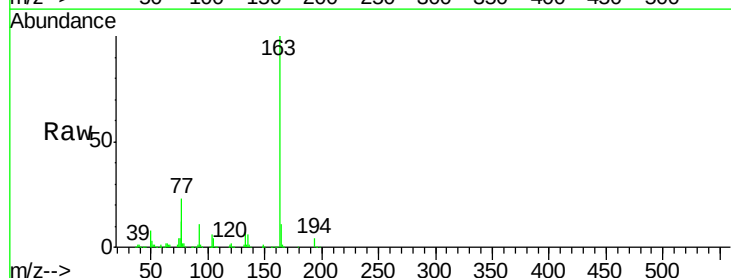
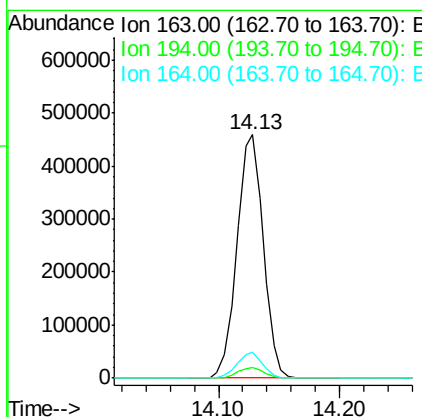
RT: 14.13 min Scan# 1879

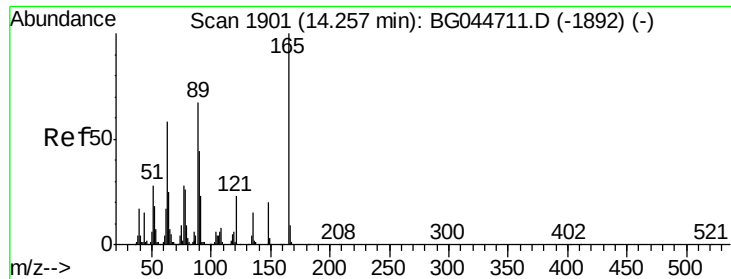
Delta R.T. -0.00 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Tgt Ion:	163	Resp:	697229
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.7	5.5
164	10.6	9.1	13.7





#51

2,6-Dinitrotoluene

Concen: 45.761 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

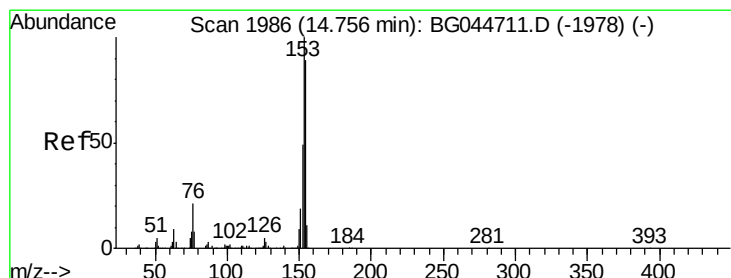
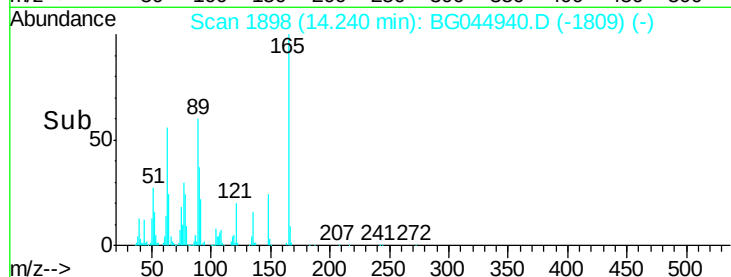
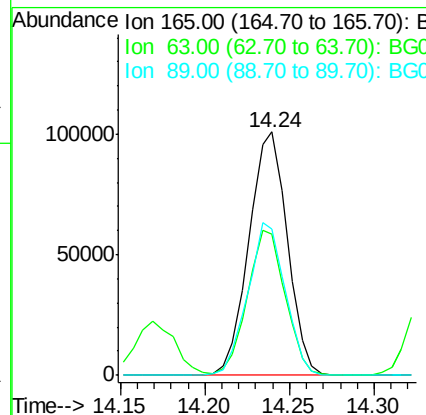
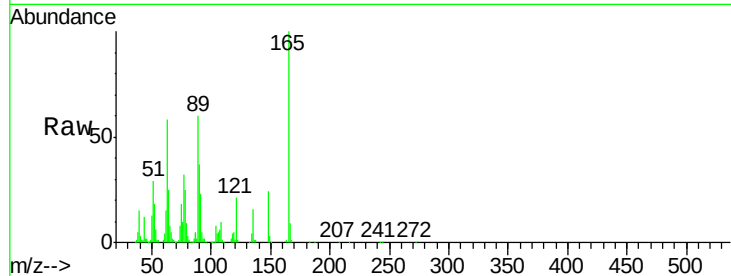
ClientSampleId :

PB127773BSD

Tot Ion:	165	Resp:	159933
Ion Ratio	Lower	Upper	
165	100		
63	58.1	45.8	68.8
89	60.1	51.8	77.6

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:44 PM



#52

Acenaphthene

Concen: 45.243 ng

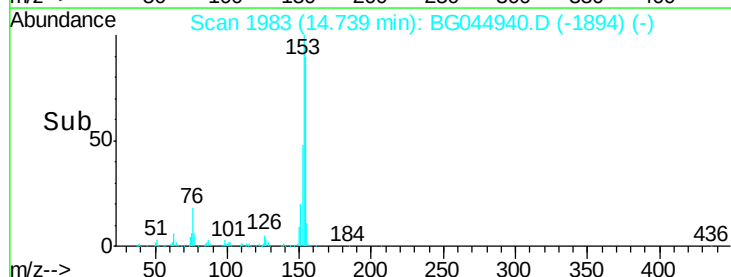
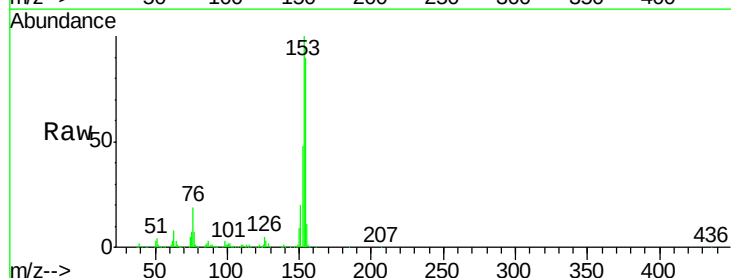
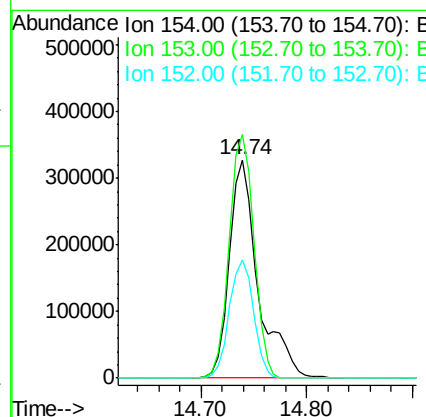
RT: 14.74 min Scan# 1983

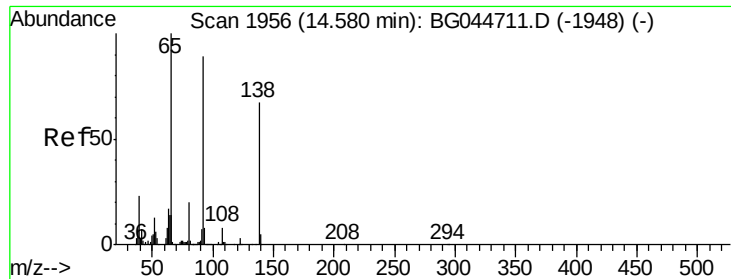
Delta R.T. -0.00 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Tgt Ion:	154	Resp:	616906
Ion Ratio	Lower	Upper	
154	100		
153	111.4	89.0	133.6
152	53.9	43.0	64.6





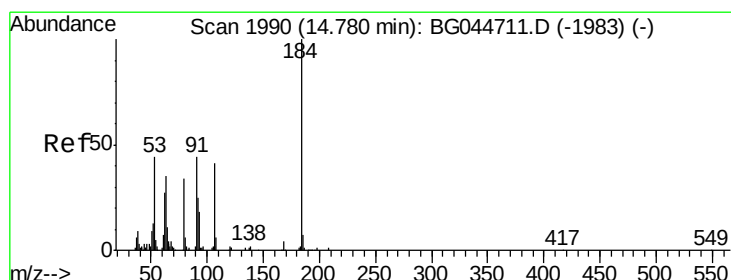
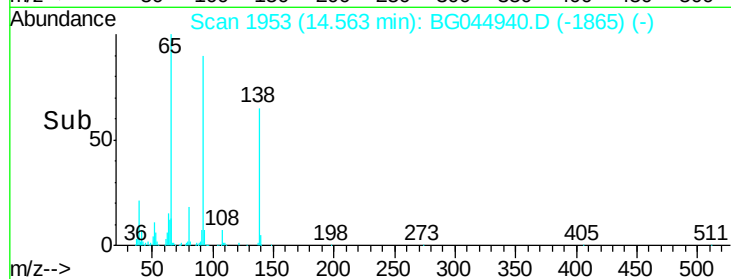
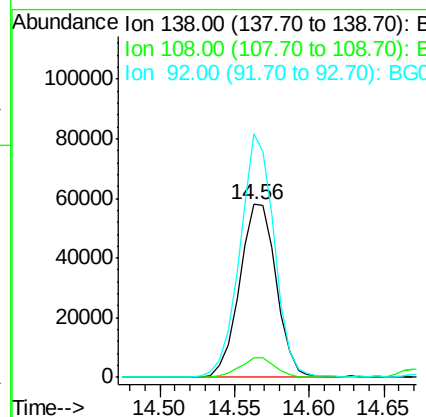
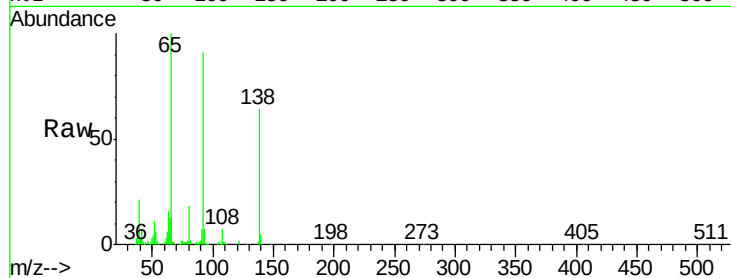
#53
3-Nitroaniline
Concen: 24.523 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.0	13.4
92	141.0	96.8	145.2

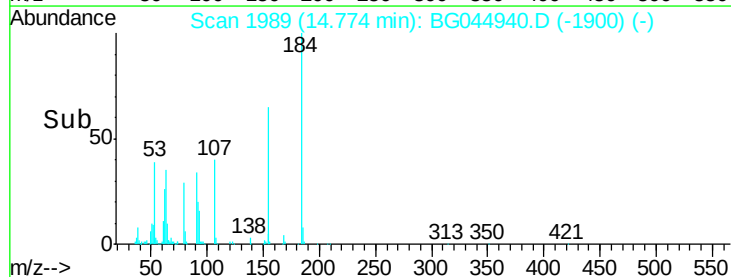
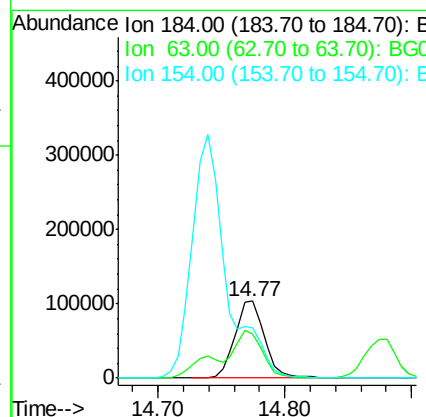
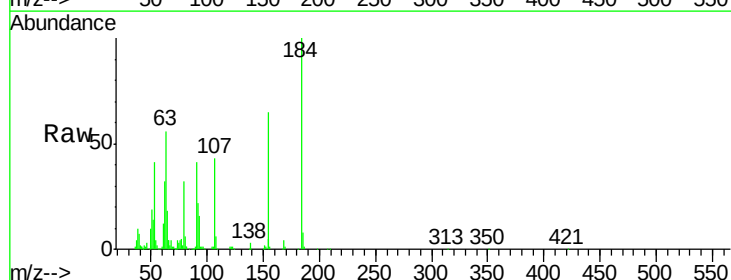
Manual Integrations
APPROVED

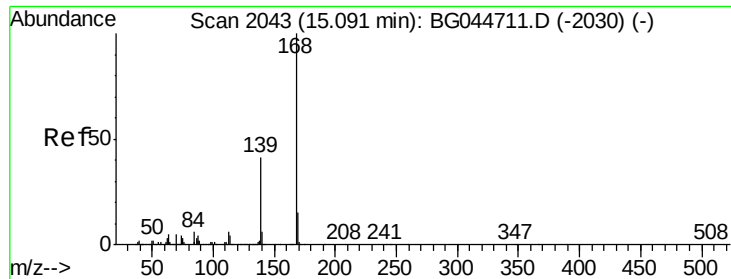
mohammad
3/25/2020 12:27:44 PM



#54
2,4-Dinitrophenol
Concen: 90.554 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.3	45.5	68.3
154	65.2	49.1	73.7





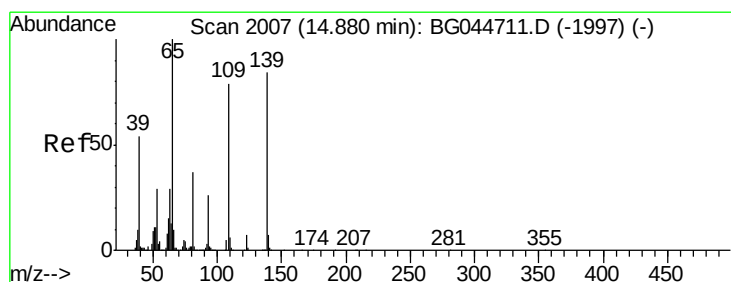
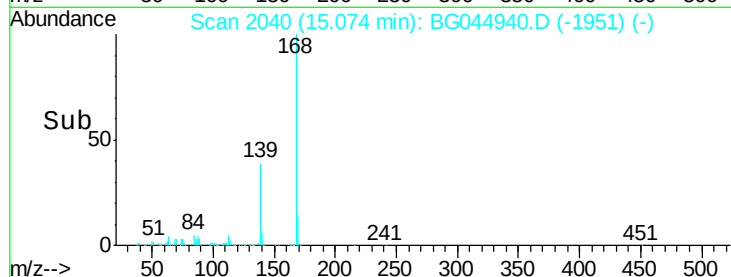
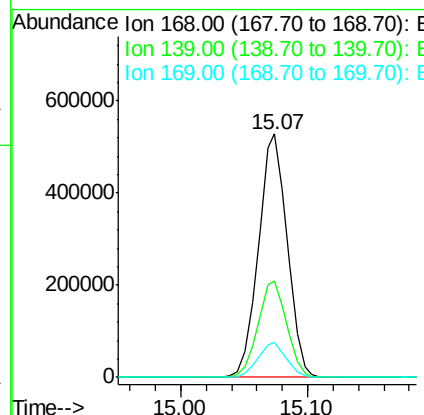
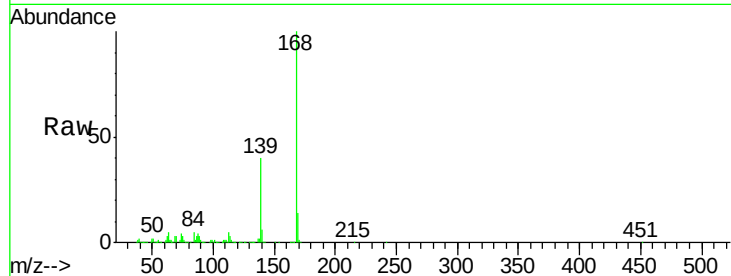
#55
Dibenzenofuran
Concen: 42.095 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	832349		
139	39.8		31.4	47.0
169	14.2		11.1	16.7

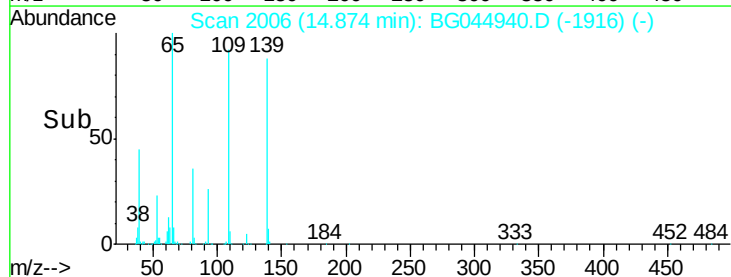
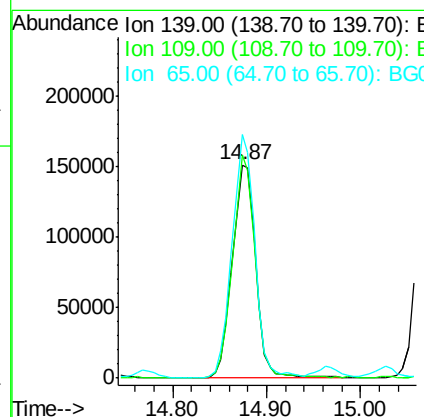
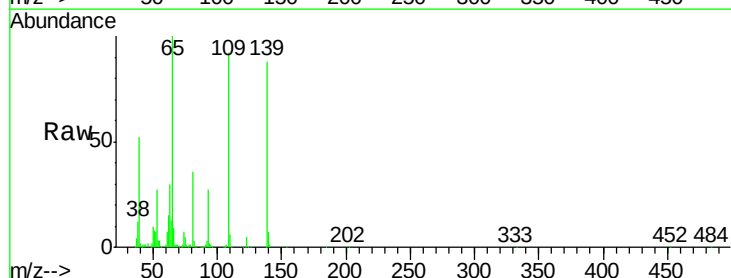
Manual Integrations
APPROVED

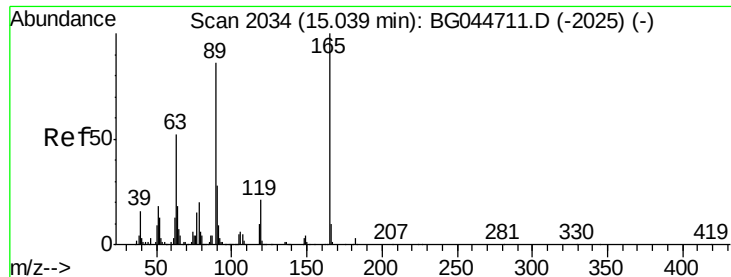
mohammad
3/25/2020 12:27:44 PM



#56
4-Nitrophenol
Concen: 85.983 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	263673		
109	104.5		68.8	108.8
65	114.2		92.5	132.5





#57

2,4-Dinitrotoluene

Concen: 47.019 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

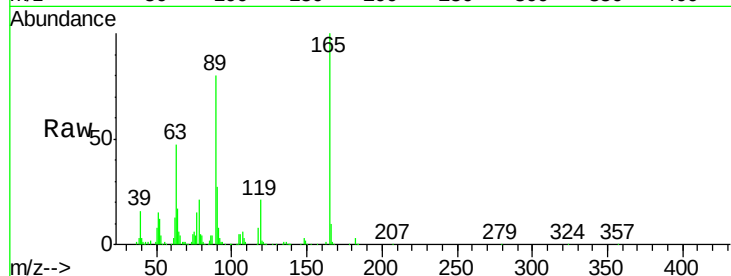
ClientSampleId :

PB127773BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		225374		
63	47.1		34.6	52.0	
89	79.5		61.3	91.9	
182	3.1		2.2	3.2	

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:44 PM

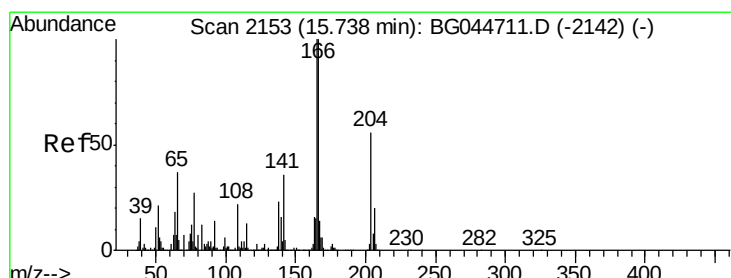
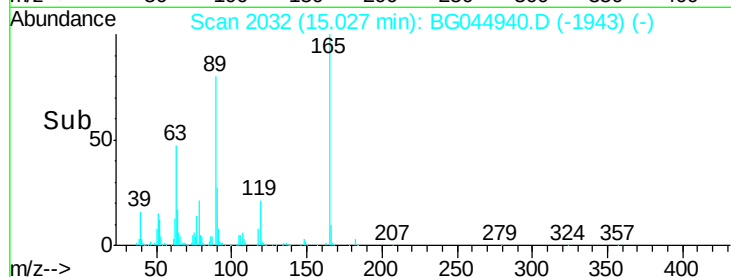
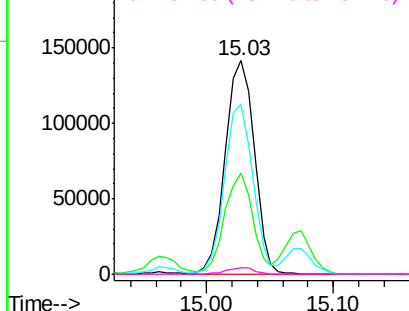


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.646 ng

RT: 15.72 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG044940.D

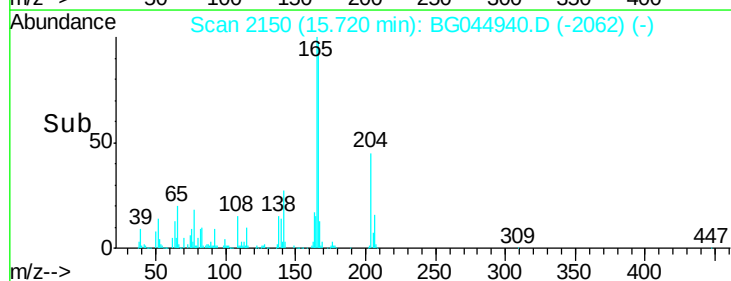
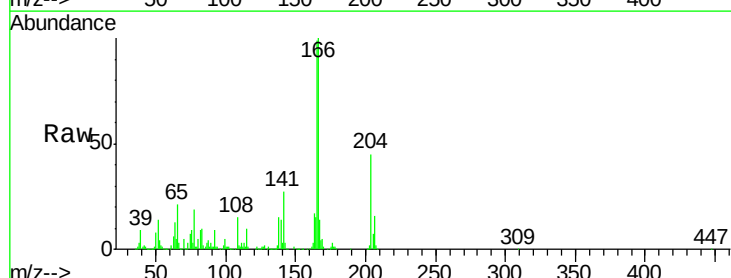
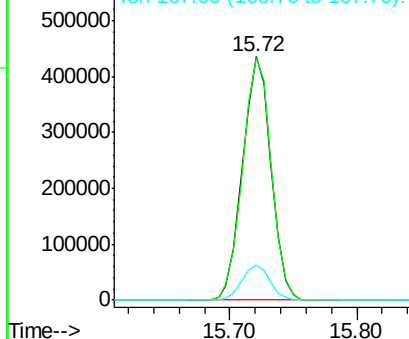
Acq: 24 Mar 2020 21:26

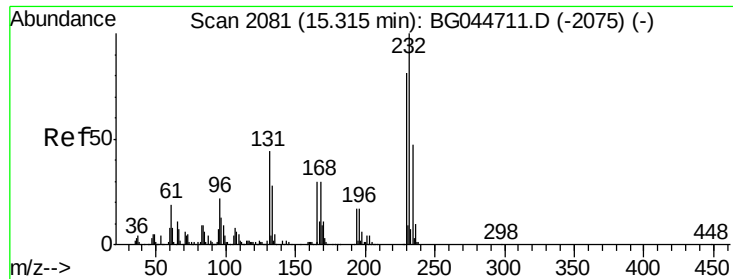
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		677398		
165	99.4		79.7	119.5	
167	14.5		10.6	16.0	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.603 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

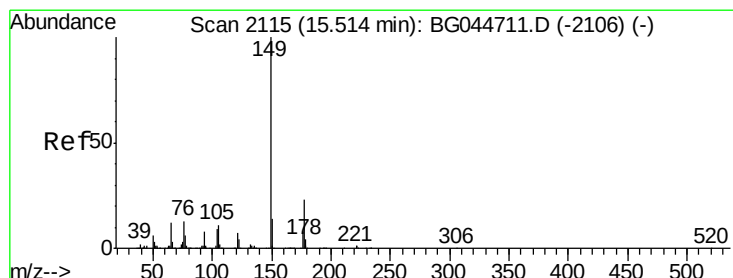
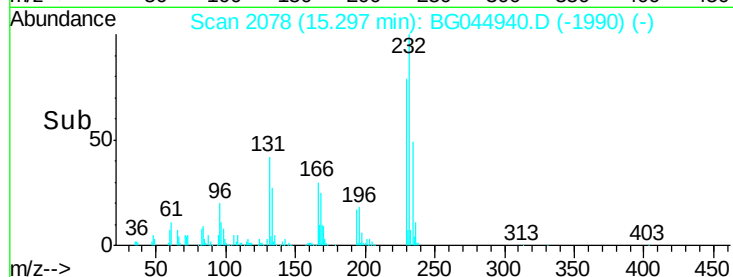
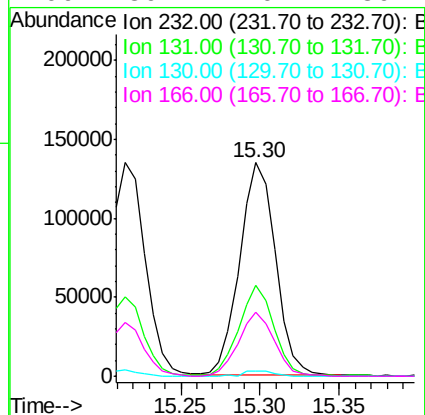
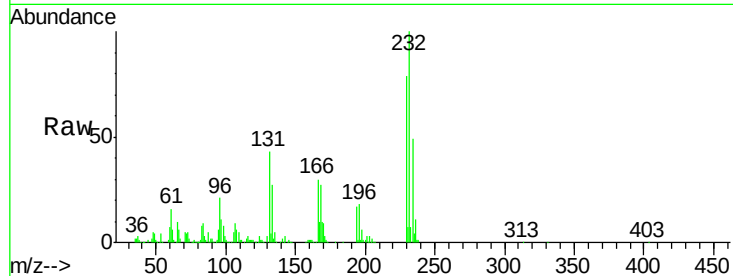
ClientSampleId :

PB127773BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	211716		
131	41.5		31.8	47.8
130	2.4		2.2	3.2
166	30.2		20.2	30.2

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:44 PM



#60

Diethylphthalate

Concen: 39.453 ng

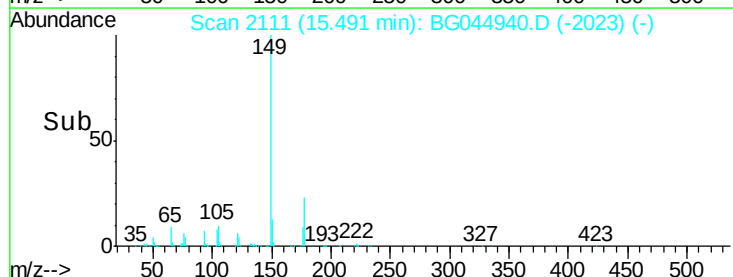
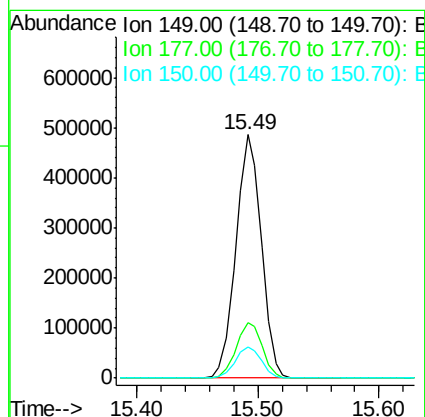
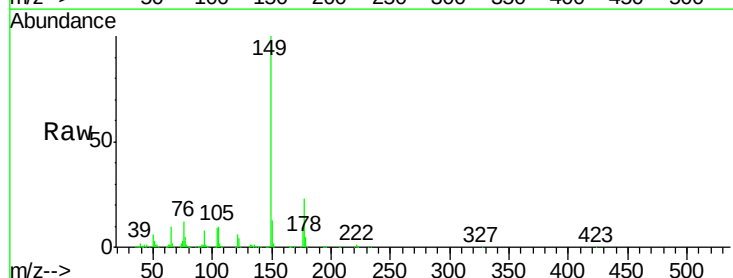
RT: 15.49 min Scan# 2111

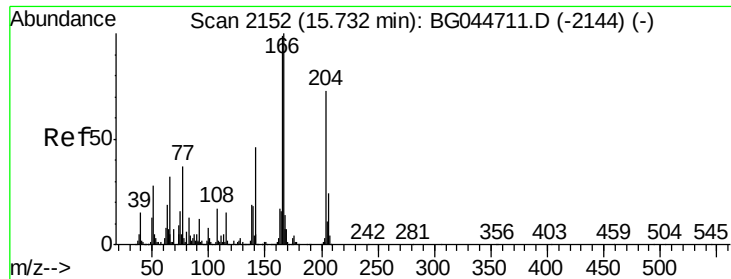
Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	713477		
177	22.7		19.3	28.9
150	12.7		11.0	16.6





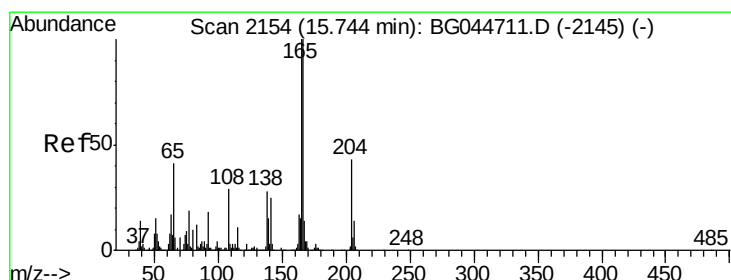
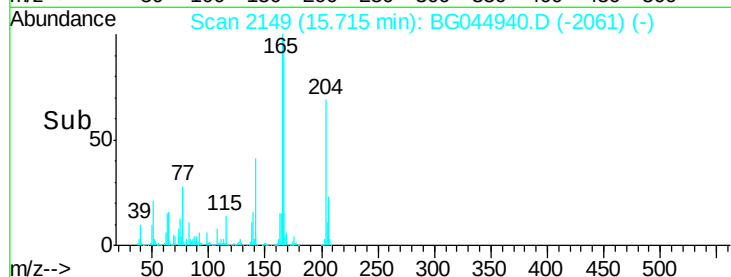
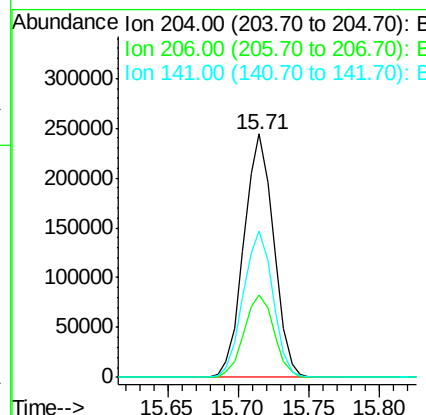
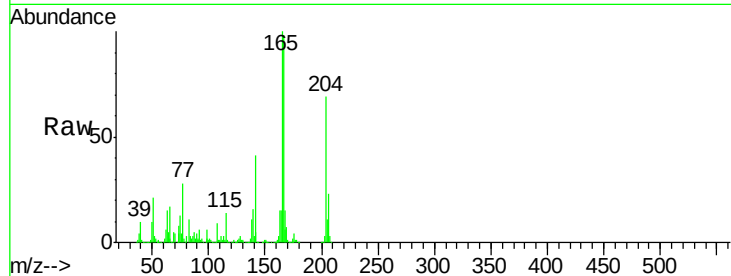
#61
 4-Chlorophenyl-phenylether
 Concen: 41.217 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044940.D
 Acq: 24 Mar 2020 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB127773BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.2	39.2
141	60.0	47.7	71.5

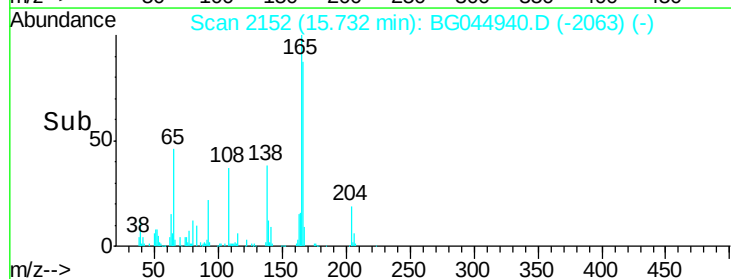
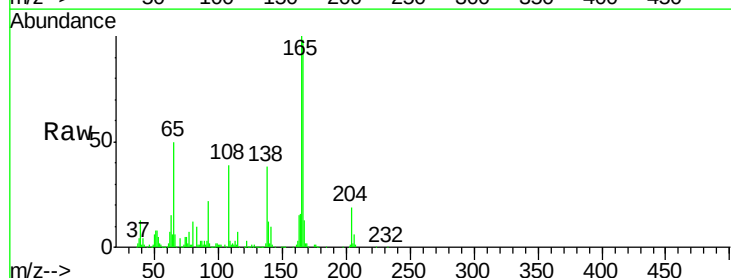
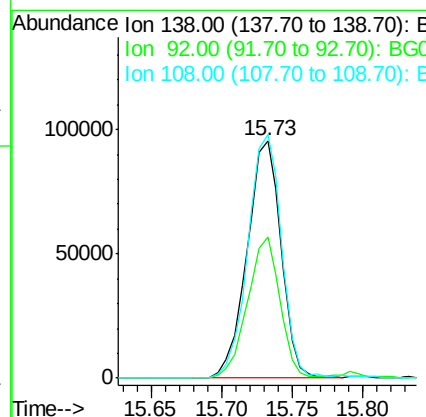
Manual Integrations
 APPROVED

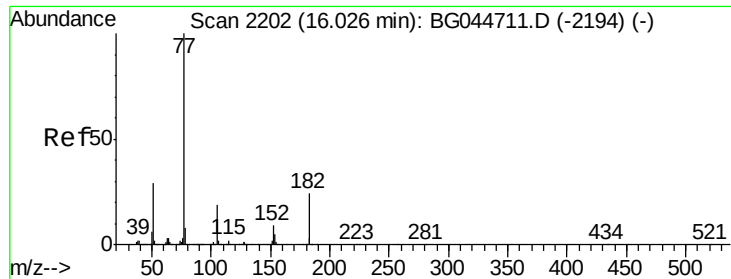
mohammad
 3/25/2020 12:27:44 PM



#62
 4-Nitroaniline
 Concen: 37.680 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044940.D
 Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.2	34.5	74.5
108	102.5	74.5	114.5





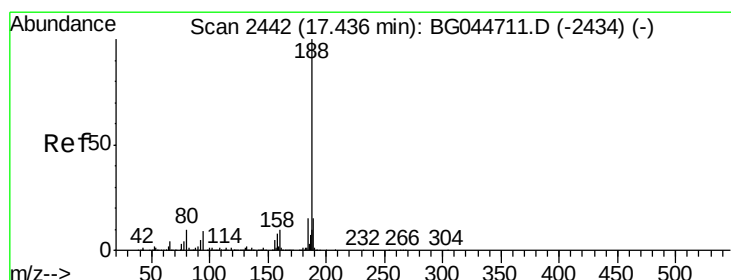
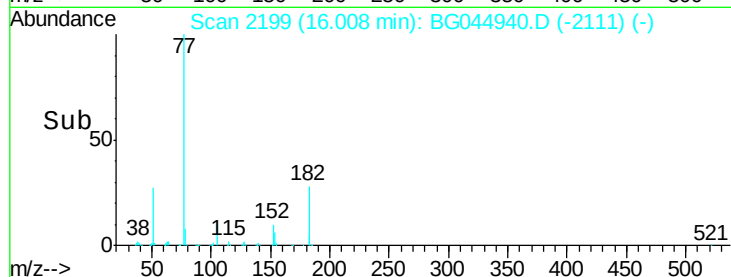
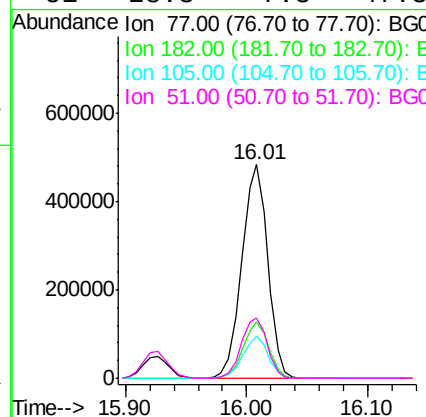
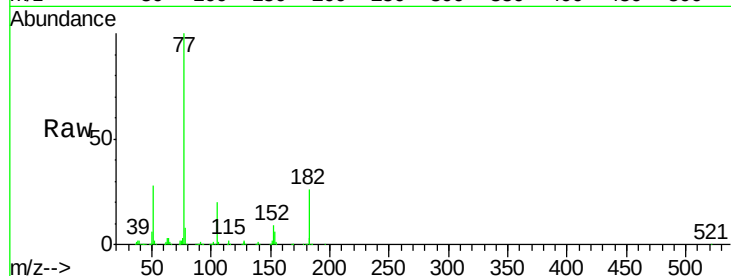
#63
Azobenzene
Concen: 38.424 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.2	6.4	46.4	
105	19.8	0.0	39.1	
51	28.3	7.3	47.3	

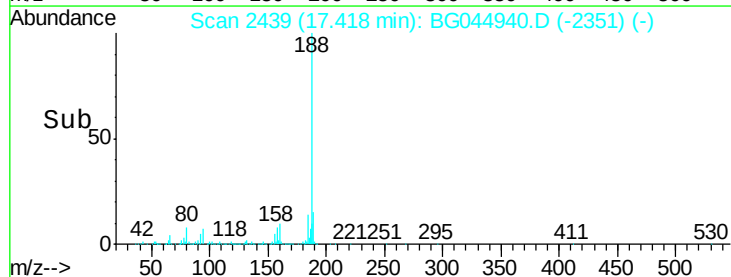
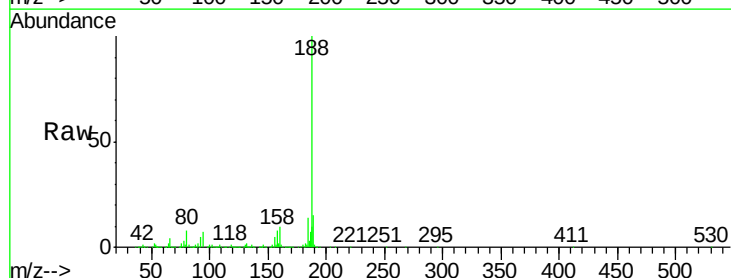
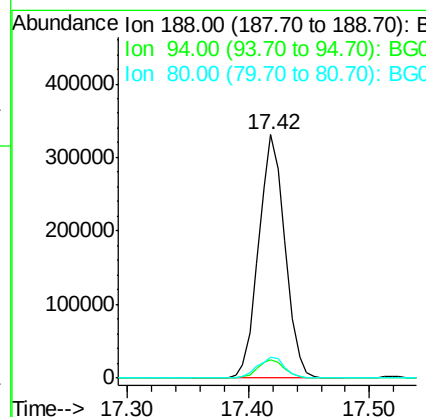
Manual Integrations
APPROVED

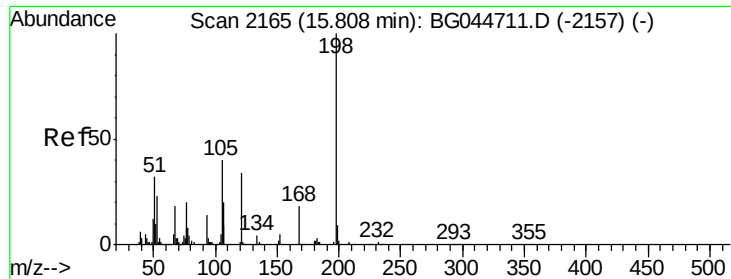
mohammad
3/25/2020 12:27:44 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.4	7.3	10.9	
80	8.4	8.0	12.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 53.069 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

ClientSampleId :

PB127773BSD

Tot Ion:198 Resp: 127713

Ion Ratio Lower Upper

198 100

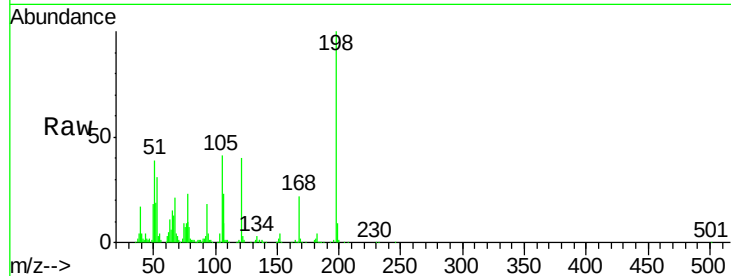
51 39.1 21.1 61.1

105 41.3 24.5 64.5

Manual Integrations
APPROVED

mohammad

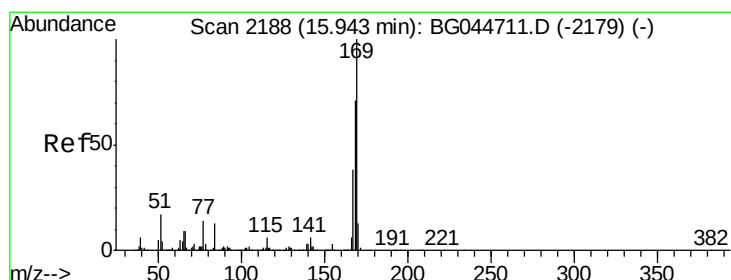
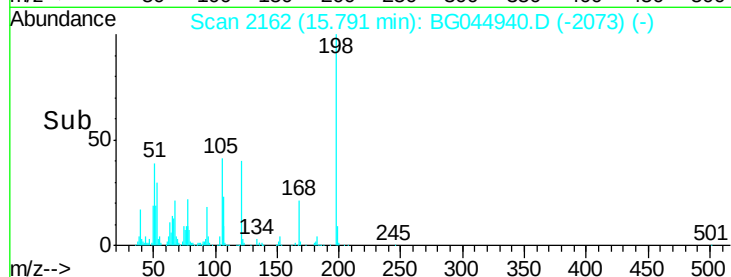
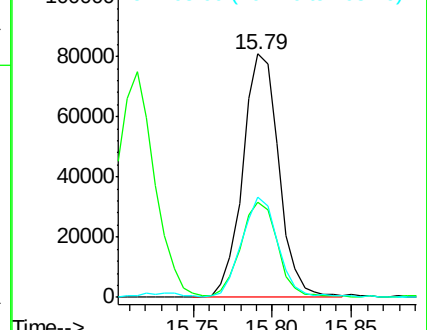
3/25/2020 12:27:44 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.028 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

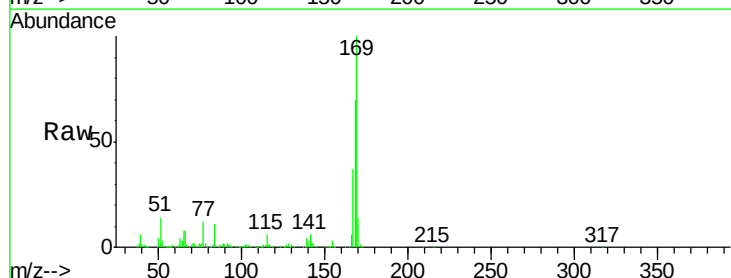
Tgt Ion:169 Resp: 620319

Ion Ratio Lower Upper

169 100

168 69.9 55.4 83.2

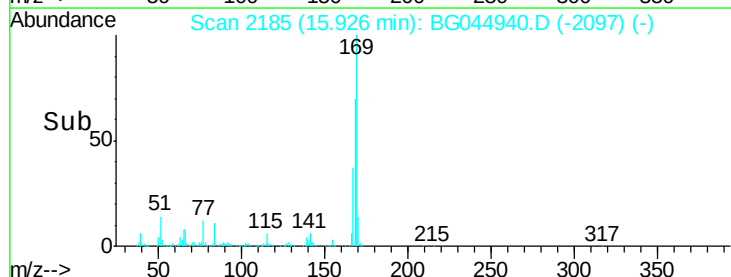
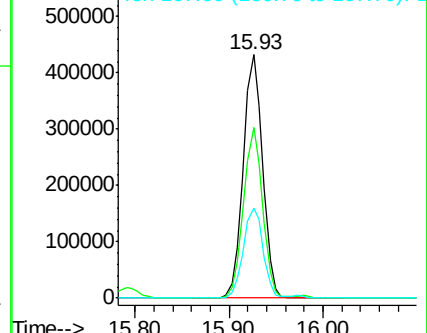
167 36.7 30.1 45.1

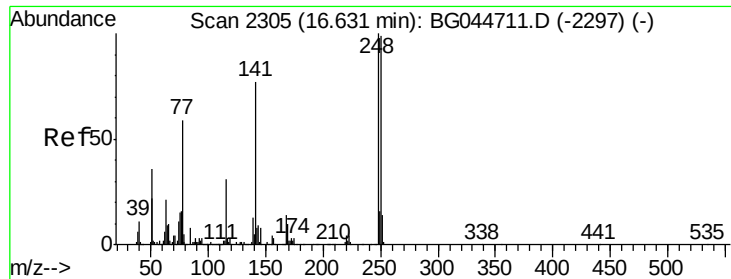


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





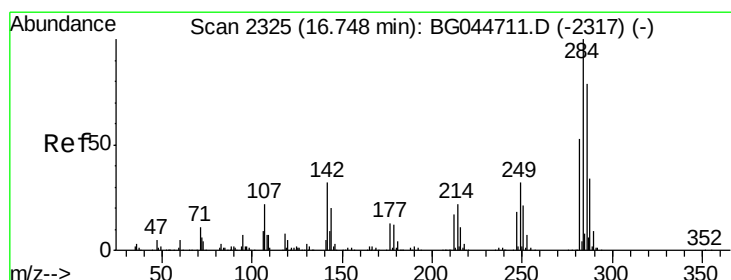
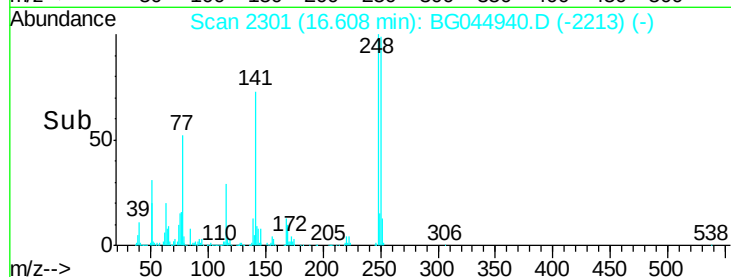
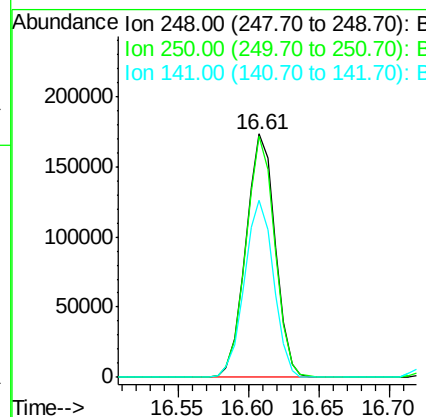
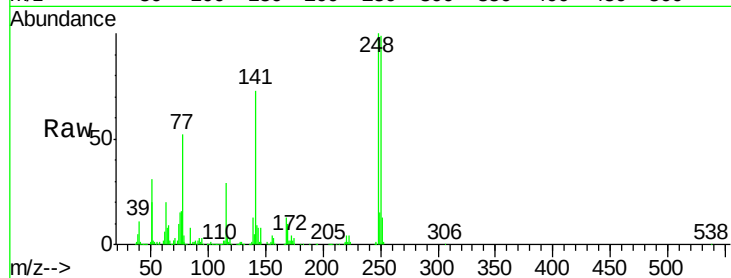
#67
4-Bromophenyl-phenylether
Concen: 40.250 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.9	116.9
141	72.8	57.5	86.3

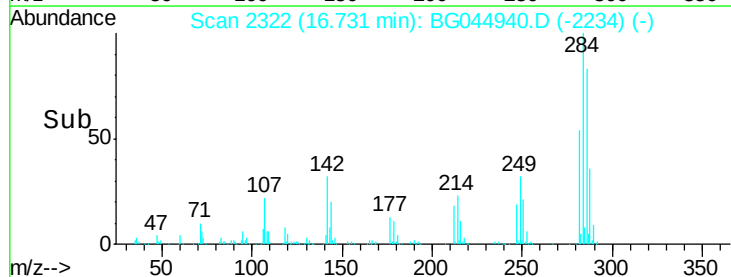
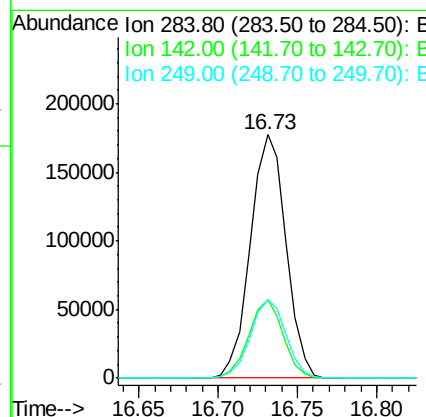
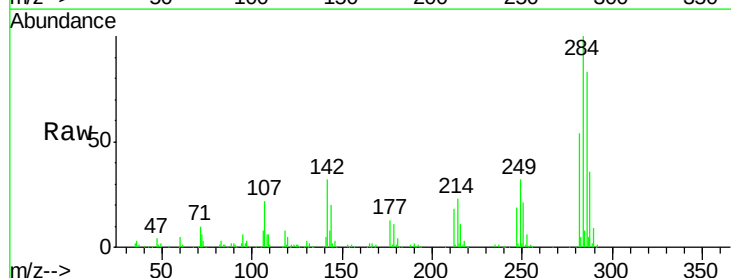
Manual Integrations
APPROVED

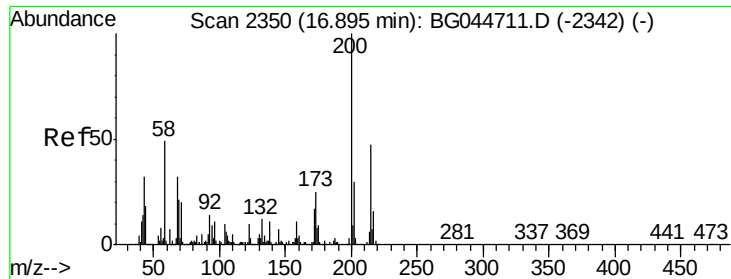
mohammad
3/25/2020 12:27:44 PM



#68
Hexachlorobenzene
Concen: 40.629 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.0	37.6
249	32.4	25.8	38.8





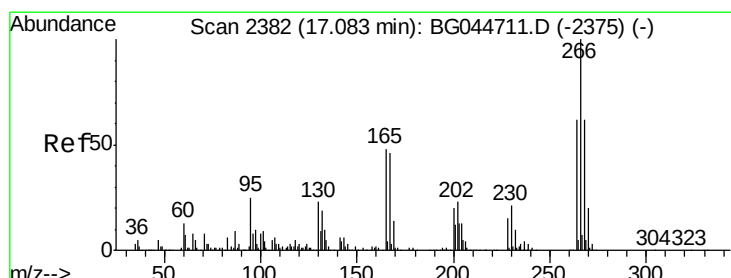
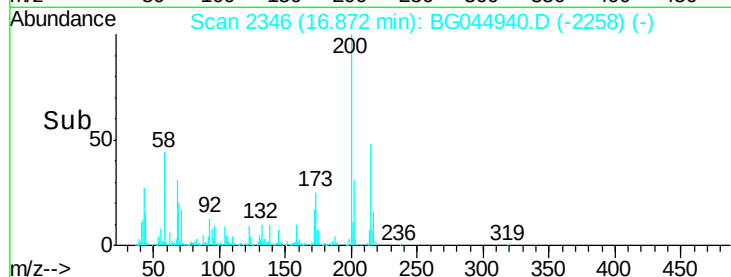
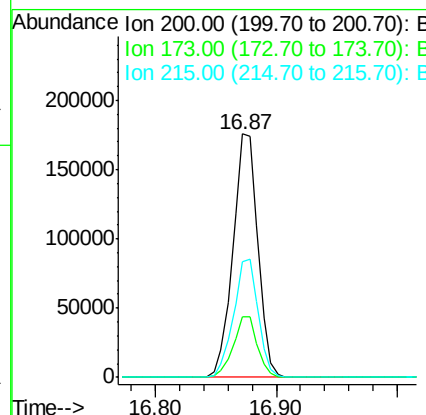
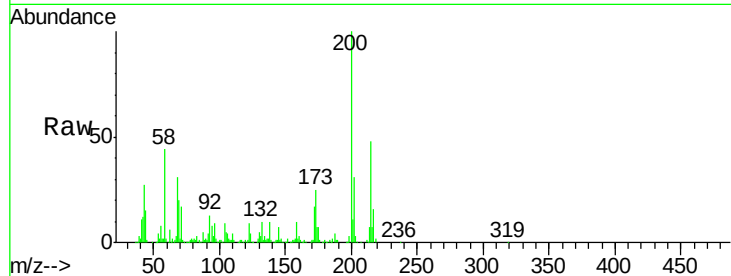
#69
Atrazine
Concen: 45.395 ng
RT: 16.87 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	251459		
173	24.7	5.3	45.3	
215	47.7	28.9	68.9	

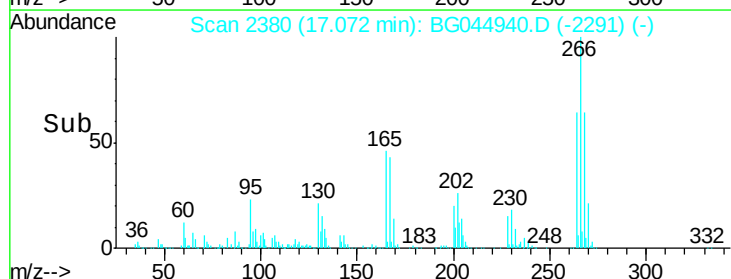
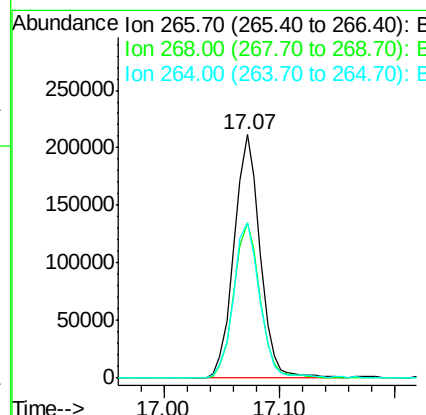
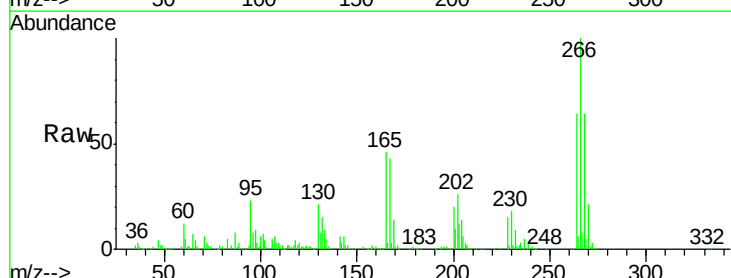
Manual Integrations
APPROVED

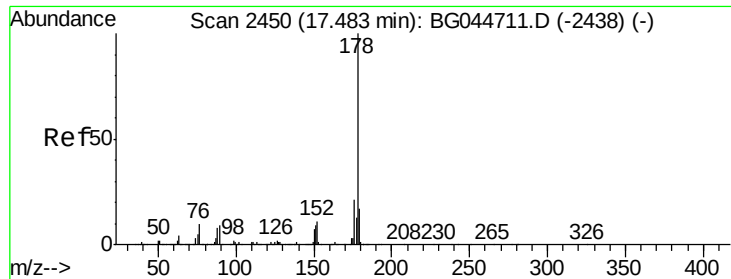
mohammad
3/25/2020 12:27:44 PM



#70
Pentachlorophenol
Concen: 88.649 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	332217		
268	63.8	50.3	75.5	
264	63.7	51.4	77.2	





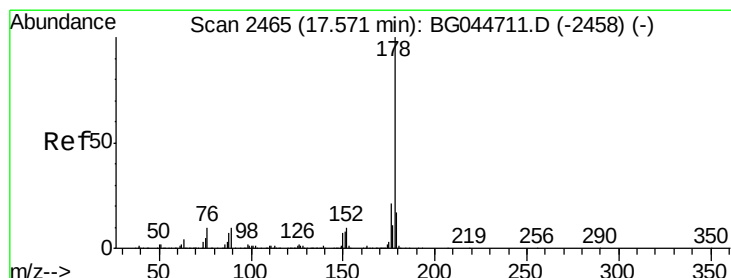
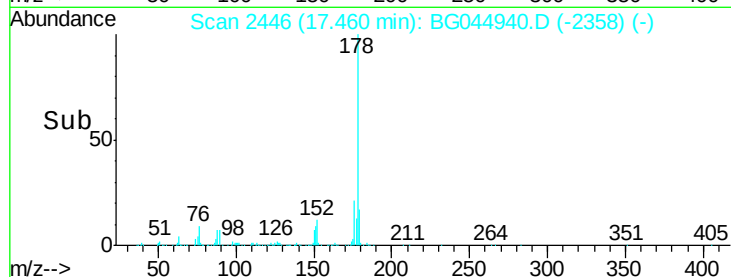
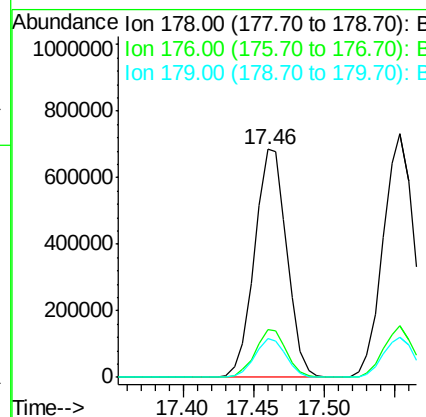
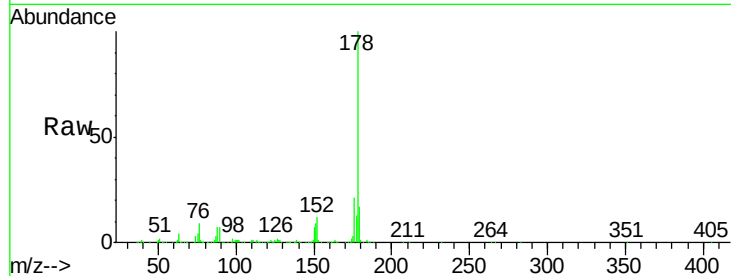
#71
Phenanthrene
Concen: 41.028 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion:178 Resp: 1101053
Ion Ratio Lower Upper
178 100
176 20.7 16.6 24.8
179 17.3 13.5 20.3

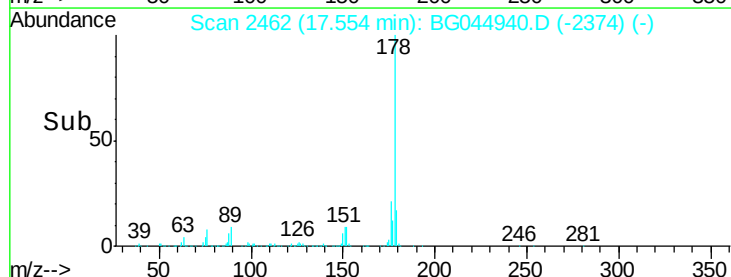
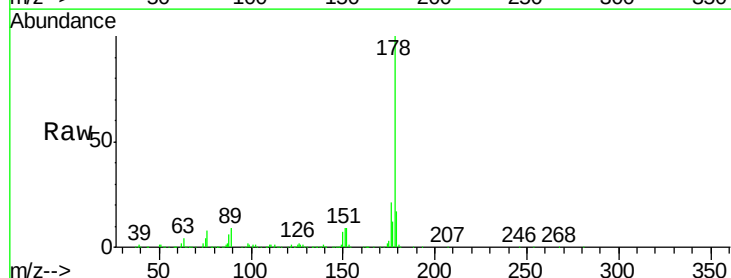
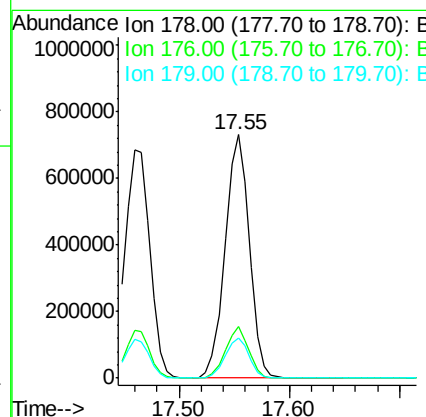
Manual Integrations
APPROVED

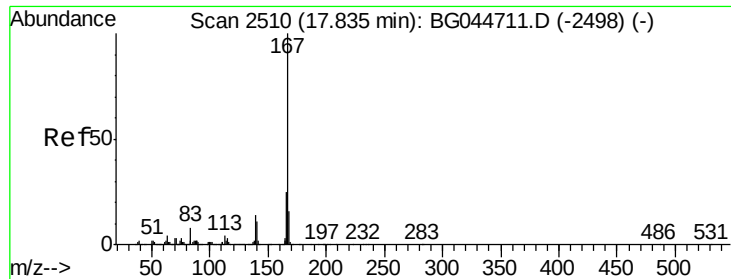
mohammad
3/25/2020 12:27:44 PM



#72
Anthracene
Concen: 42.251 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion:178 Resp: 1118055
Ion Ratio Lower Upper
178 100
176 21.2 15.9 23.9
179 16.6 13.2 19.8





#73

Carbazole

Concen: 40.815 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

ClientSampleId :

PB127773BSD

Tot Ion:167 Resp: 1037470

Ion Ratio Lower Upper

167 100

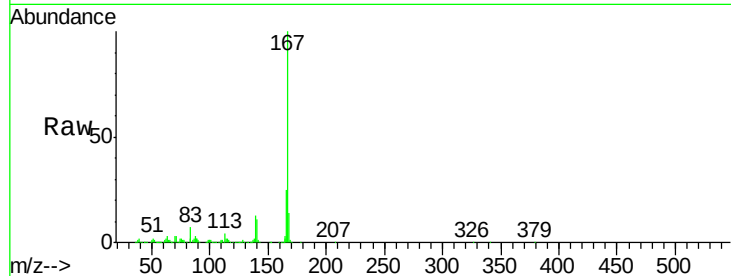
166 24.6 18.8 28.2

139 13.4 10.8 16.2

Manual Integrations
APPROVED

mohammad

3/25/2020 12:27:44 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

800000

600000

400000

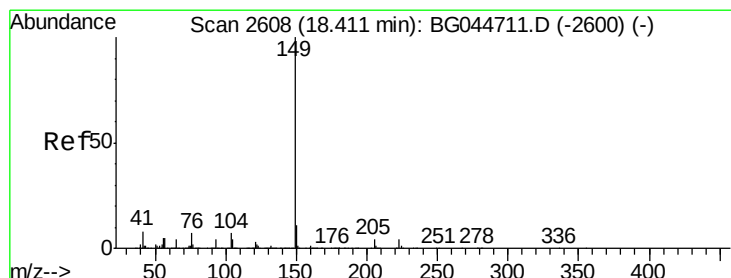
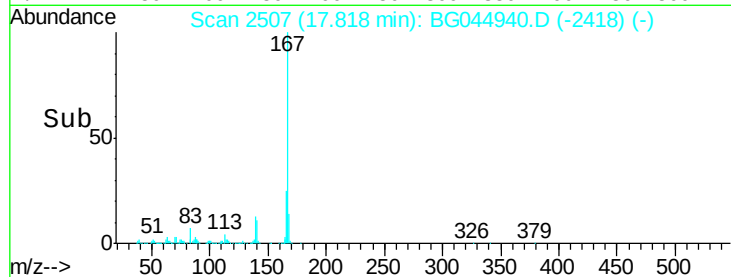
200000

0

17.70 17.80 17.90 18.00

17.82

Time-->



#74

Di-n-butylphthalate

Concen: 39.720 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

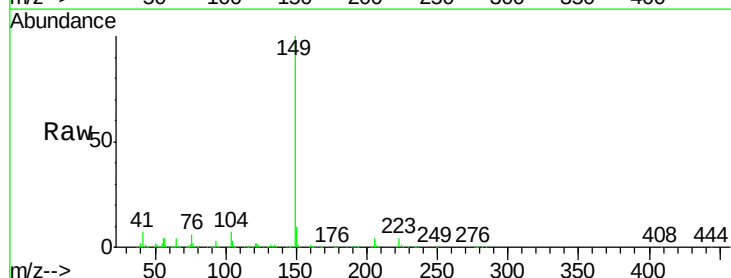
Tgt Ion:149 Resp: 1227308

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

104 6.6 5.0 7.4



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

1200000

1000000

800000

600000

400000

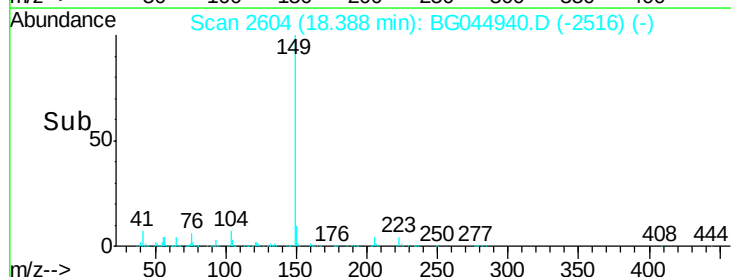
200000

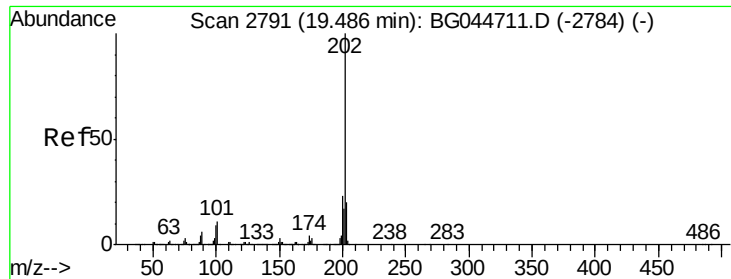
0

18.30 18.40 18.50

18.39

Time-->





#75

Fluoranthene

Concen: 43.158 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

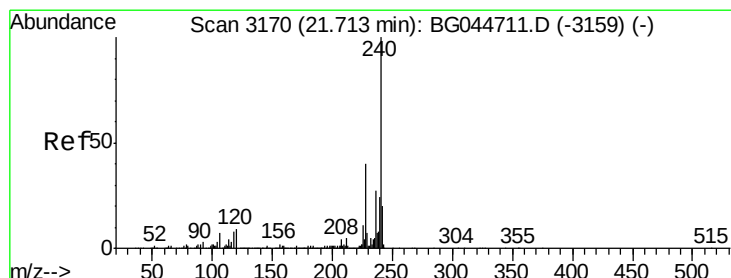
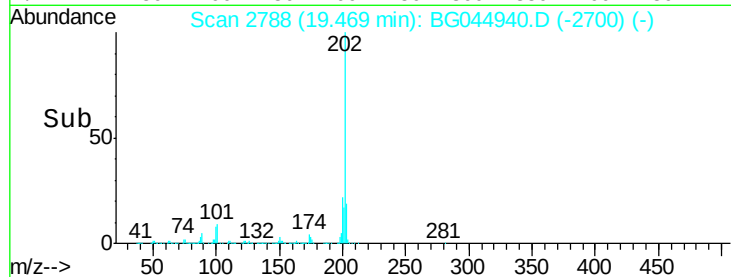
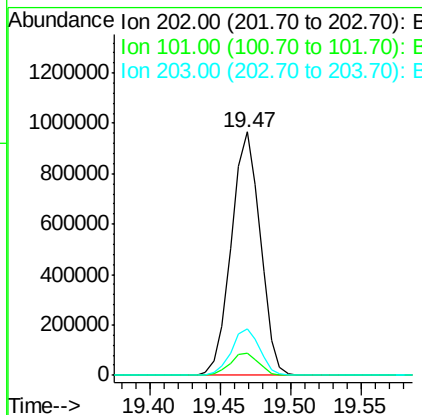
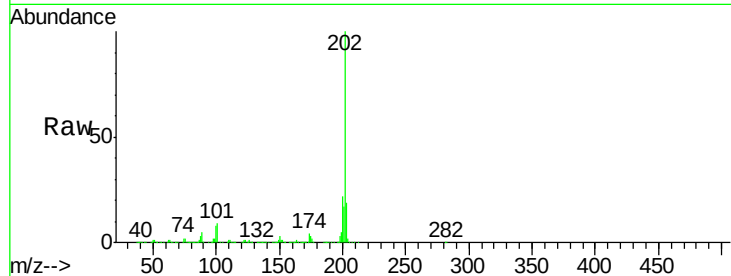
ClientSampleId :

PB127773BSD

Tot Ion:	202	Resp:	1379040
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.8
203	19.3	0.0	39.4

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:44 PM



#76

Chrysene-d12

Concen: 20.000 ng

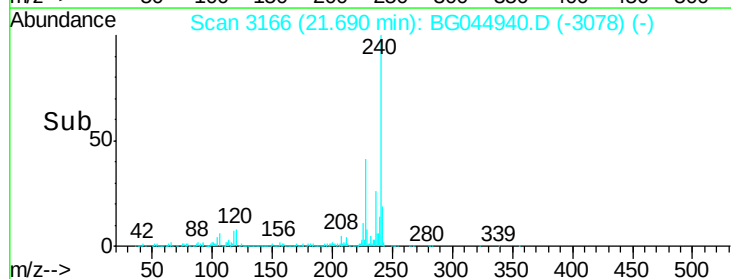
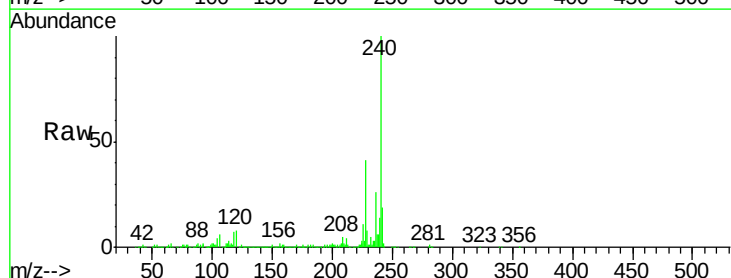
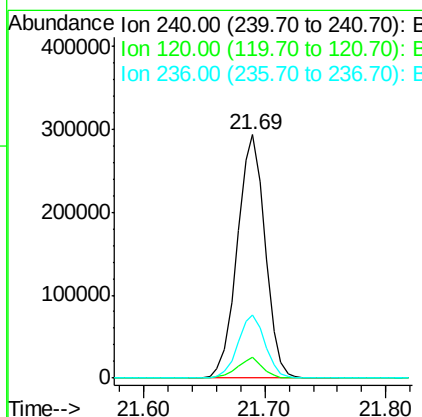
RT: 21.69 min Scan# 3166

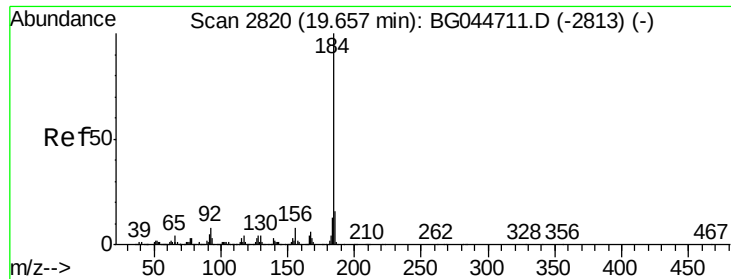
Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Tgt Ion:	240	Resp:	471736
Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.7	10.1
236	25.7	21.5	32.3





#77

Benzidine

Concen: 40.214 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

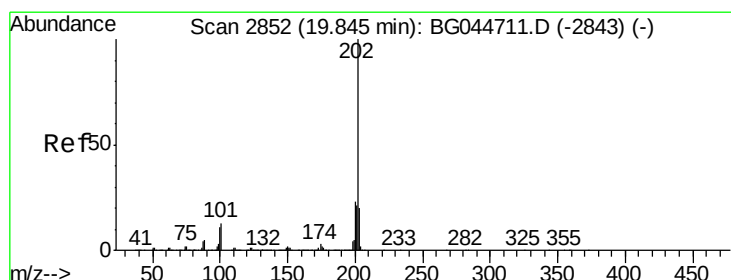
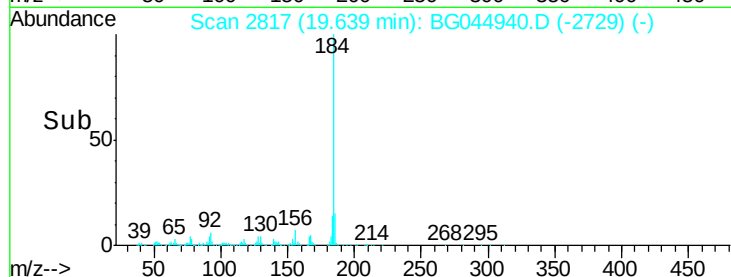
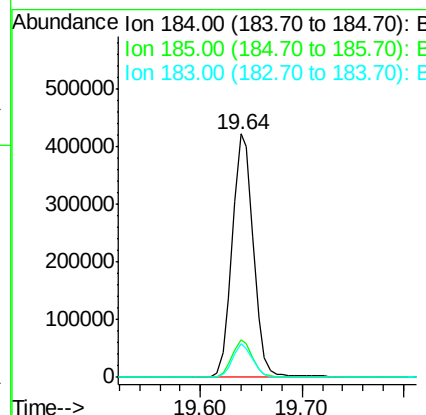
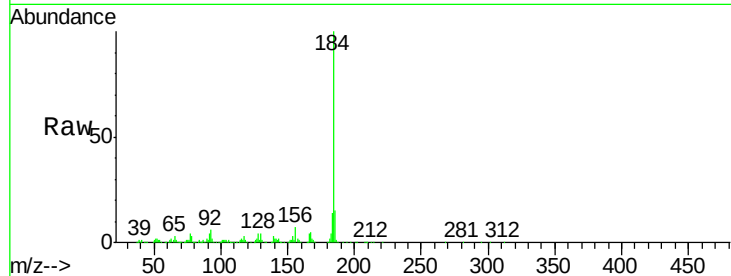
ClientSampleId :

PB127773BSD

Tot Ion:	184	Resp:	615854
Ion Ratio		Lower	Upper
184	100		
185	15.2	12.2	18.4
183	13.8	10.7	16.1

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:44 PM



#78

Pyrene

Concen: 39.244 ng

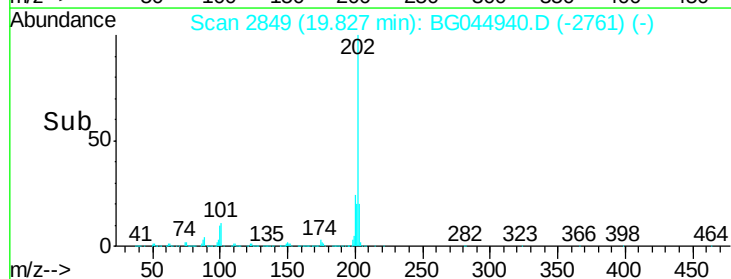
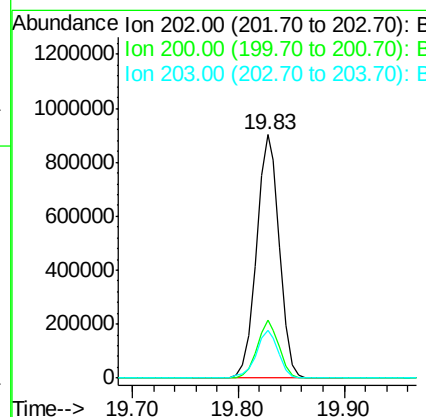
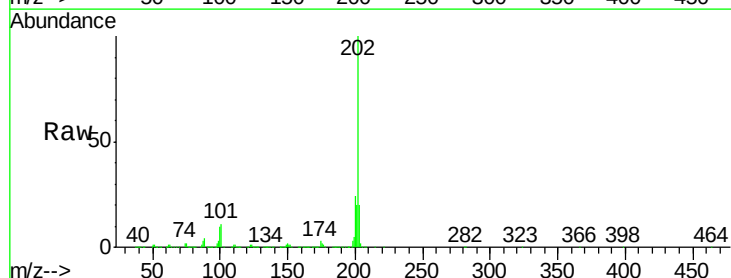
RT: 19.83 min Scan# 2849

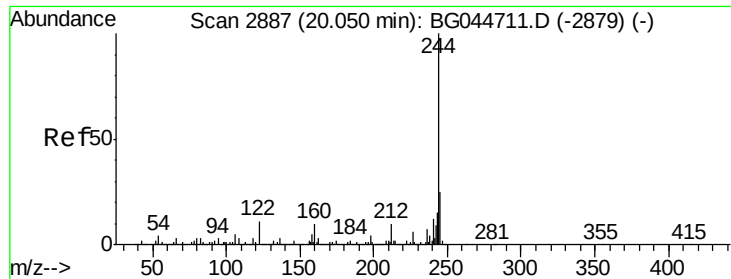
Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Tgt Ion:	202	Resp:	1358221
Ion Ratio		Lower	Upper
202	100		
200	23.6	18.3	27.5
203	19.7	15.6	23.4





#79

Terphenyl-d14

Concen: 78.955 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

ClientSampleId :

PB127773BSD

Tot Ion:244 Resp: 1991170

Ion Ratio Lower Upper

244 100

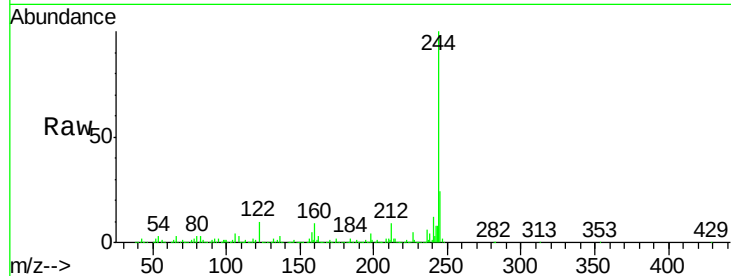
212 9.1 7.7 11.5

122 9.6 8.6 12.8

Manual Integrations
APPROVED

mohammad

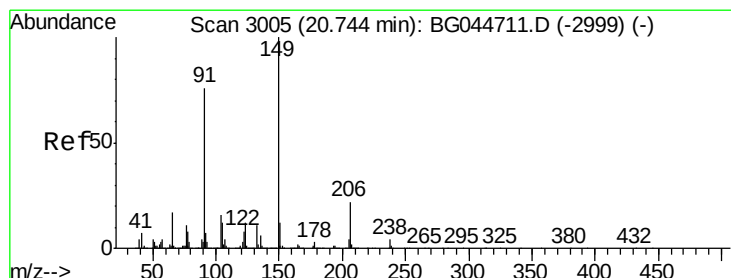
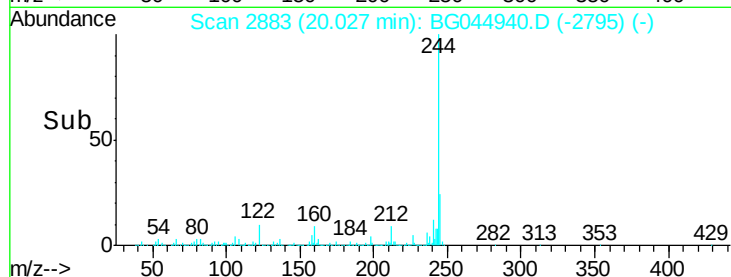
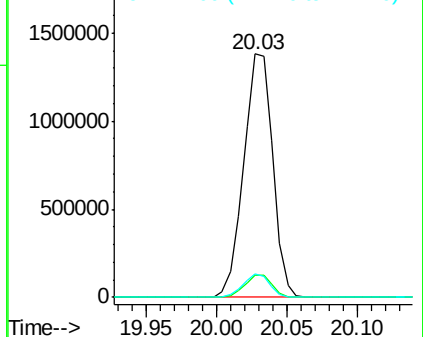
3/25/2020 12:27:44 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.874 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

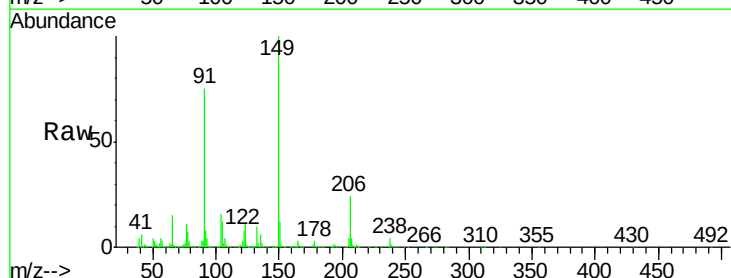
Tgt Ion:149 Resp: 567750

Ion Ratio Lower Upper

149 100

91 74.8 60.2 90.4

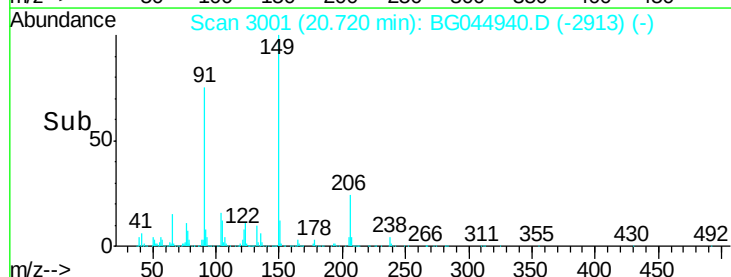
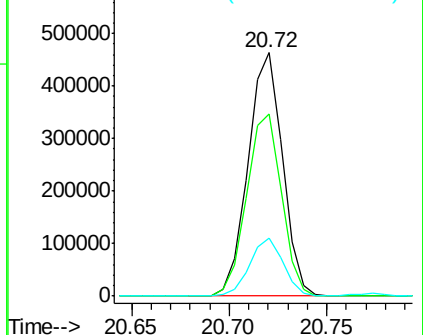
206 23.7 18.6 27.8

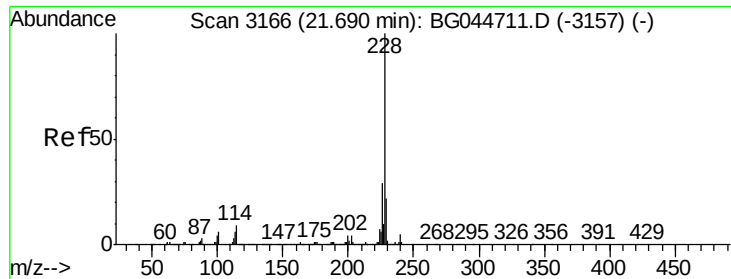


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





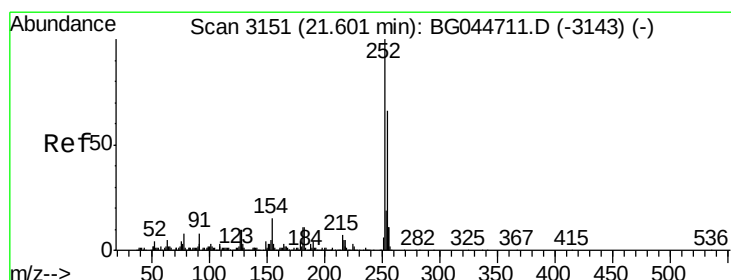
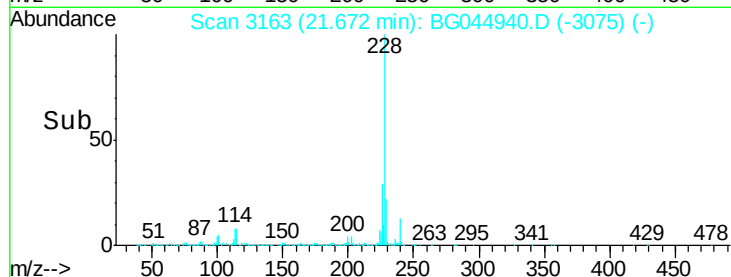
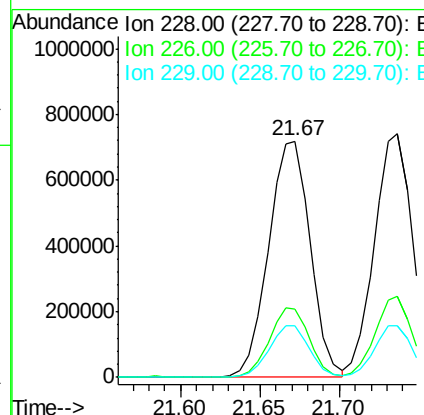
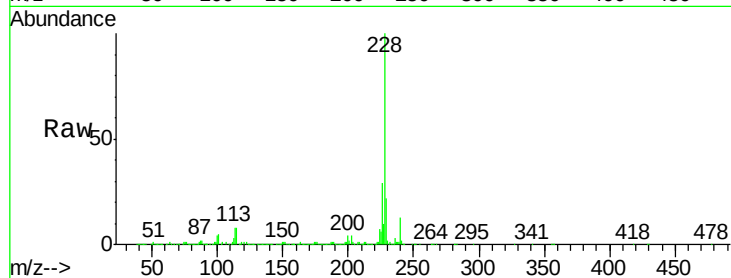
#81
Benzo(a)anthracene
Concen: 38.553 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	21.8	17.1	25.7

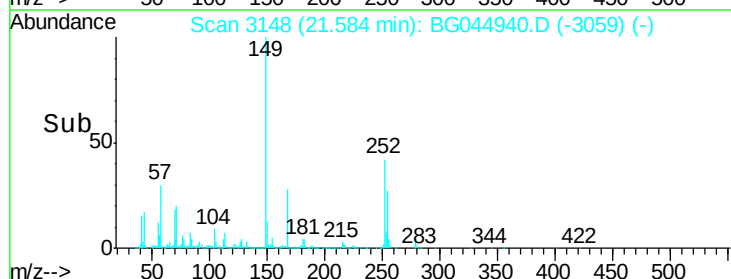
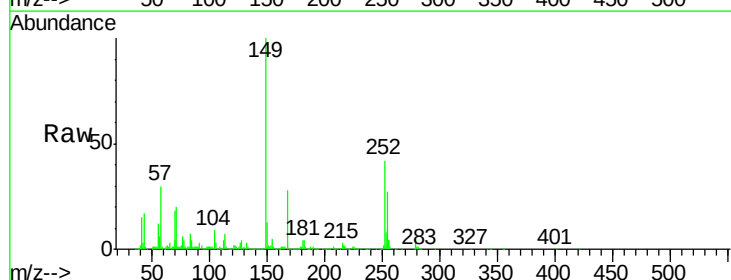
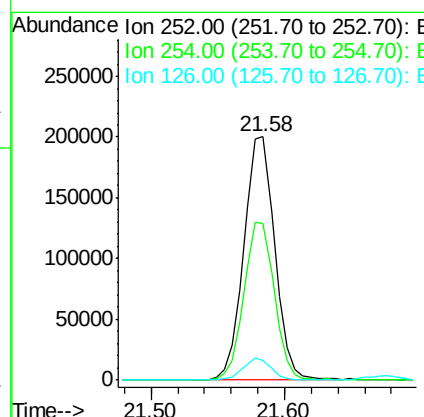
Manual Integrations
APPROVED

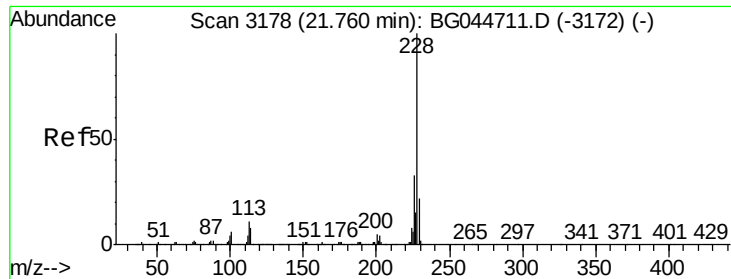
mohammad
3/25/2020 12:27:44 PM



#82
3,3'-Dichlorobenzidine
Concen: 24.342 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.6	77.4
126	8.1	7.0	10.6





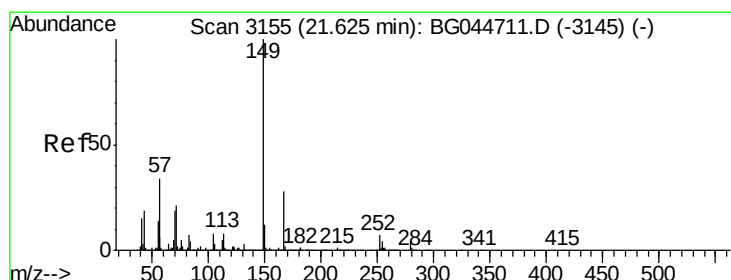
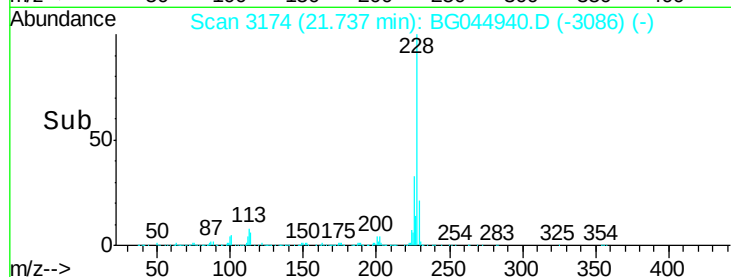
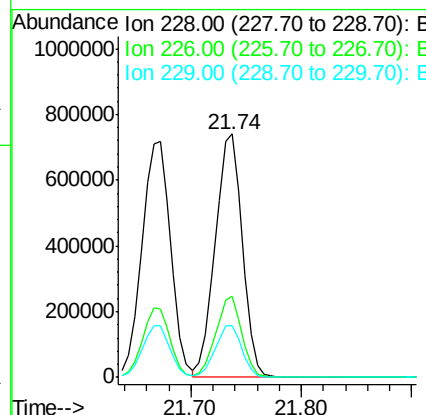
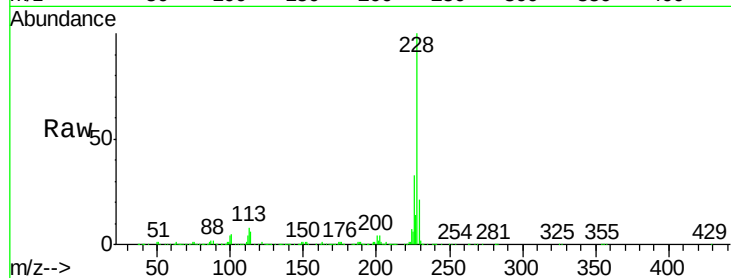
#83
Chrysene
Concen: 38.538 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.9	38.9
229	21.4	17.4	26.0

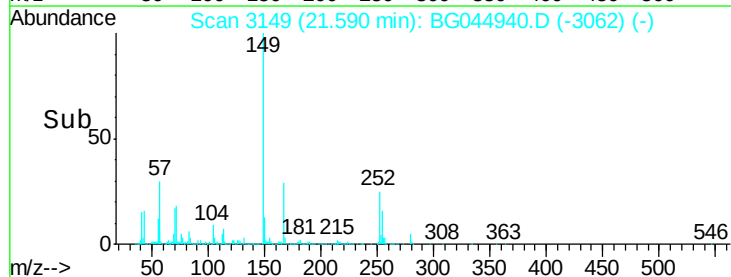
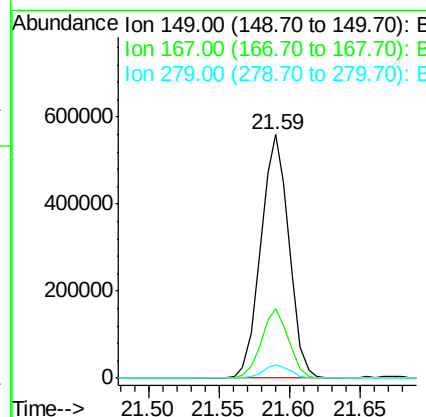
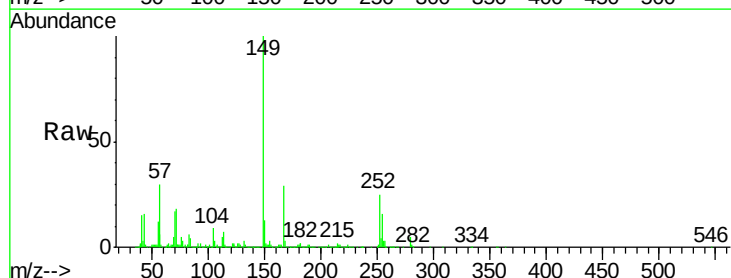
Manual Integrations
APPROVED

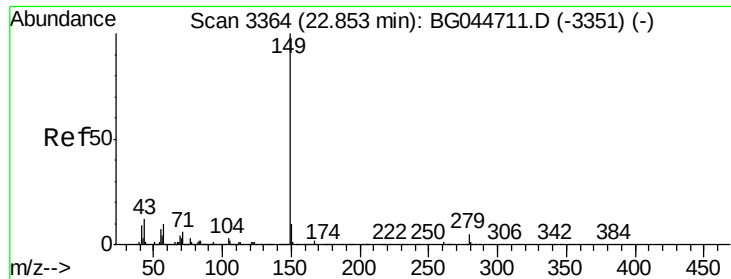
mohammad
3/25/2020 12:27:44 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.867 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.8	32.6
279	5.4	3.8	5.6





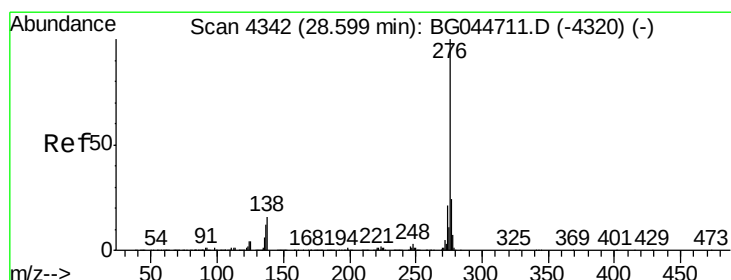
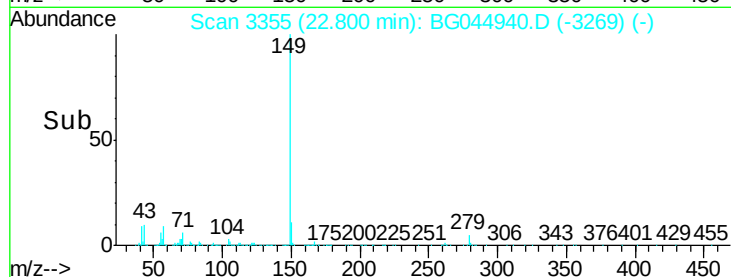
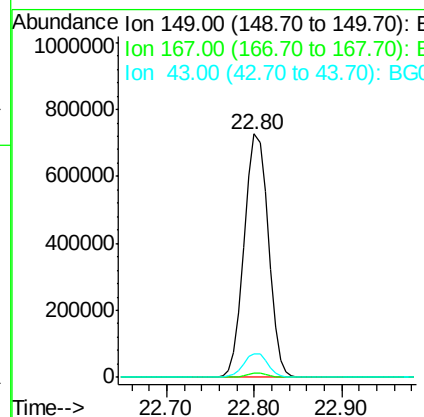
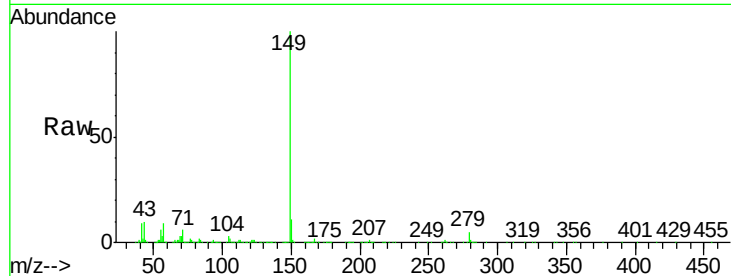
#85
Di-n-octyl phthalate
Concen: 37.946 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.02 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.7	8.2	12.4

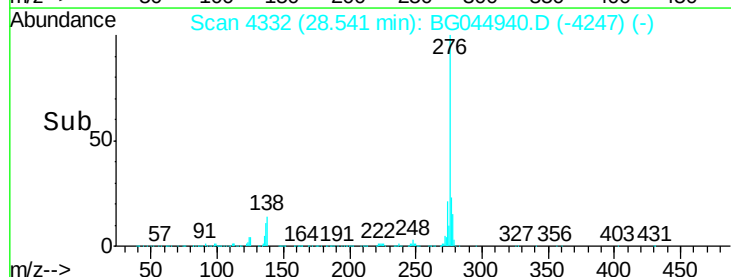
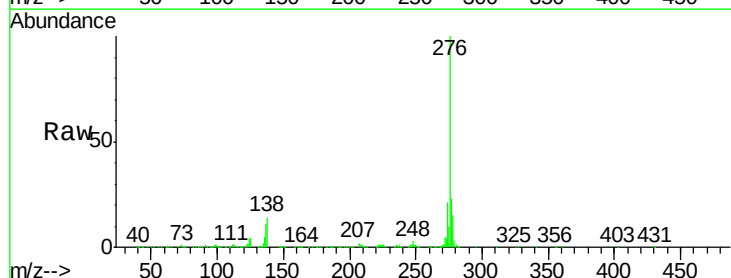
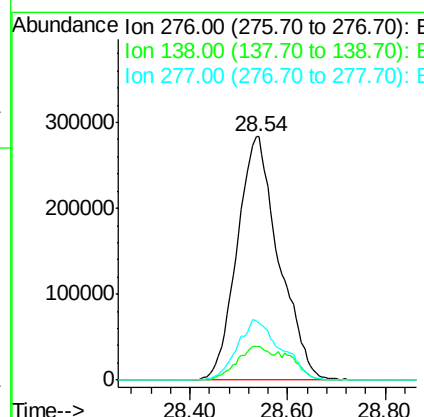
Manual Integrations
APPROVED

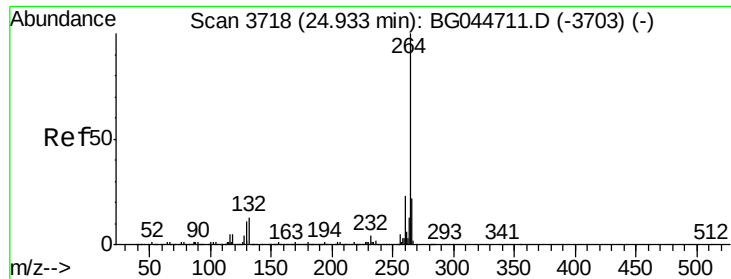
mohammad
3/25/2020 12:27:44 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.477 ng
RT: 28.54 min Scan# 4332
Delta R.T. -0.03 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.0	7.4	11.0
277	25.8	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Instrument :

BNA_G

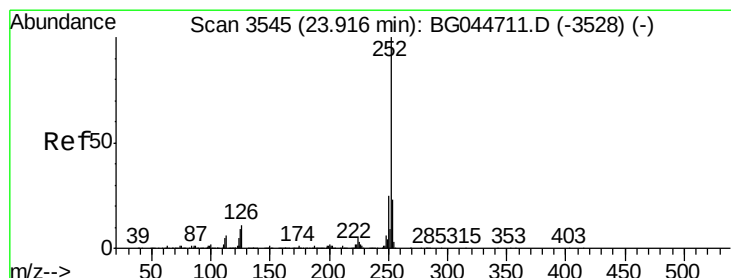
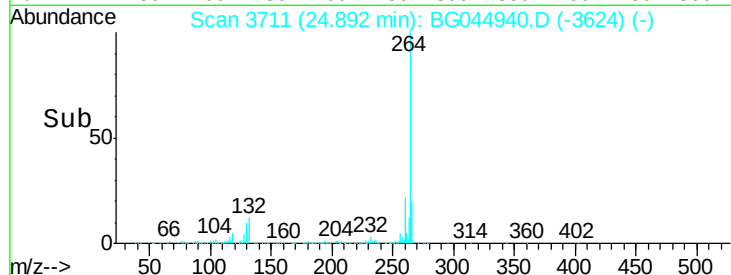
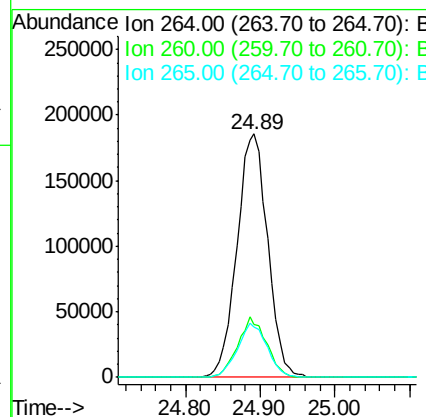
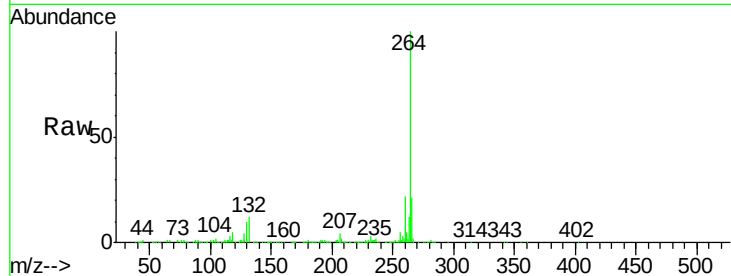
ClientSampleId :

PB127773BSD

Tot Ion:	264	Resp:	529616
Ion Ratio		Lower	Upper
264	100		
260	21.8	18.1	27.1
265	20.5	17.1	25.7

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:44 PM



#88

Benzo(b)fluoranthene

Concen: 40.334 ng

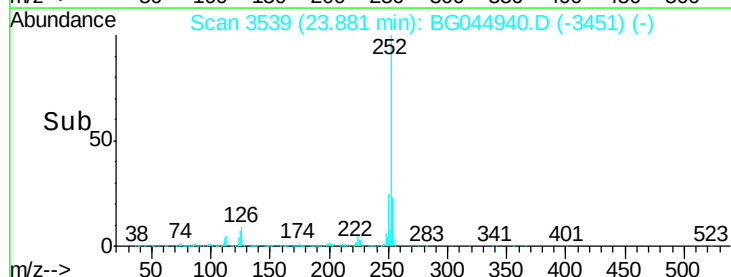
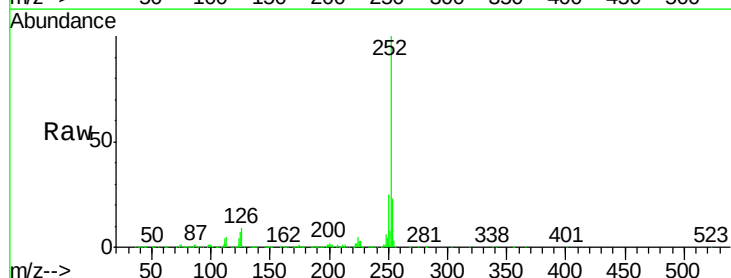
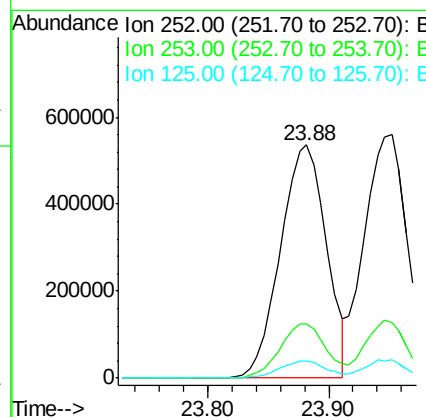
RT: 23.88 min Scan# 3539

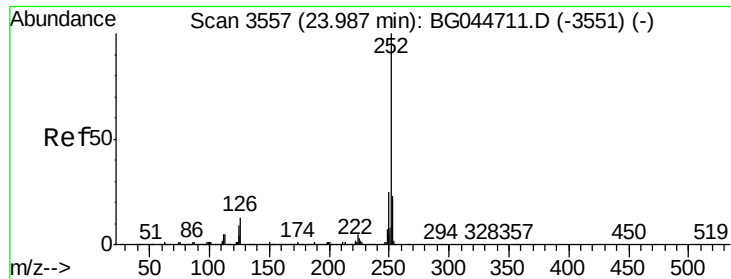
Delta R.T. -0.01 min

Lab File: BG044940.D

Acq: 24 Mar 2020 21:26

Tgt Ion:	252	Resp:	1410232
Ion Ratio		Lower	Upper
252	100		
253	23.4	18.1	27.1
125	7.4	6.6	9.8





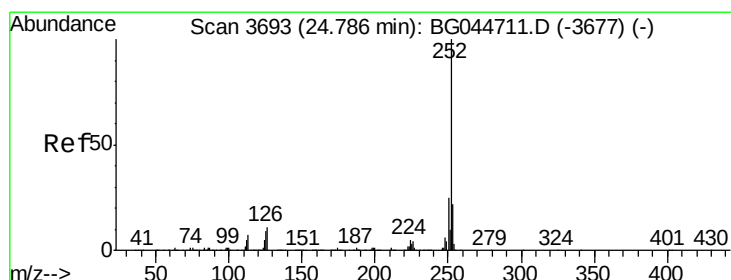
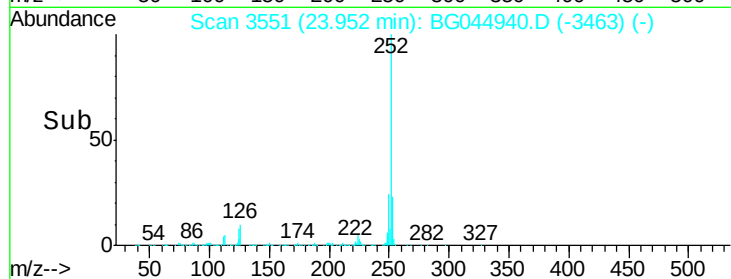
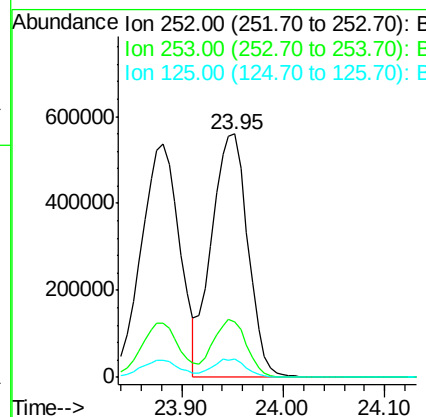
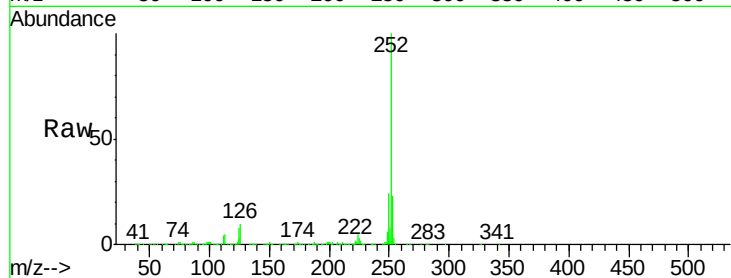
#89
Benzo(k)fluoranthene
Concen: 41.871 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	7.7	6.2	9.2

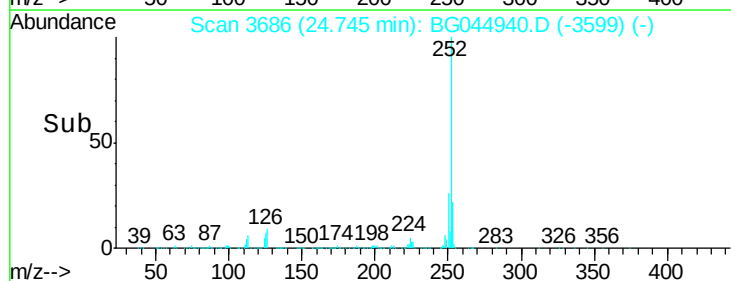
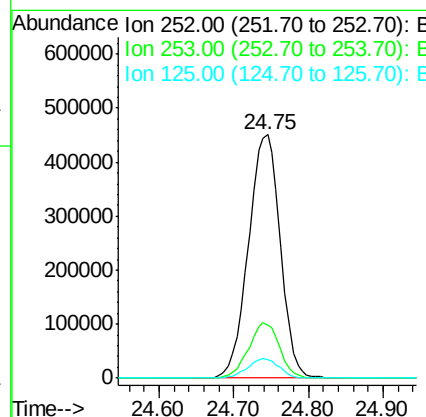
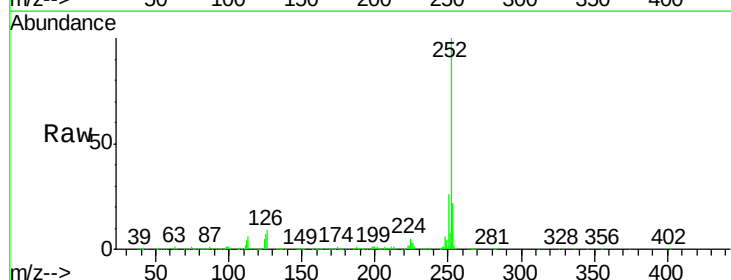
Manual Integrations
APPROVED

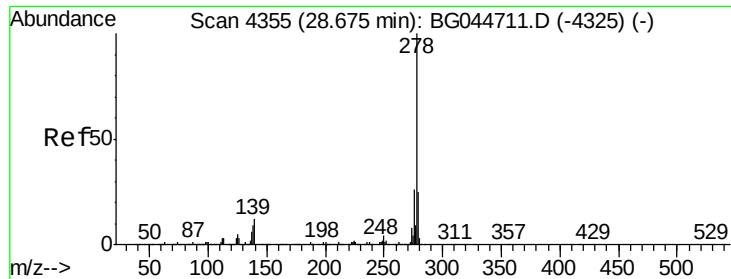
mohammad
3/25/2020 12:27:44 PM



#90
Benzo(a)pyrene
Concen: 40.675 ng
RT: 24.75 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	19.4	29.0
125	7.4	7.2	10.8





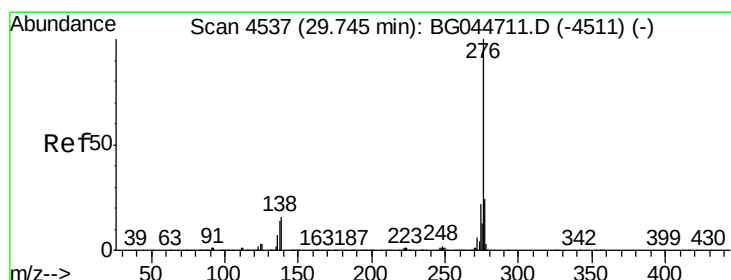
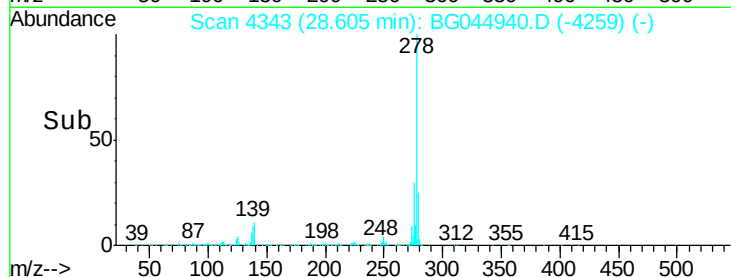
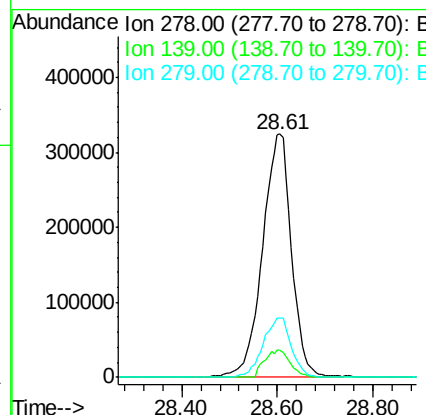
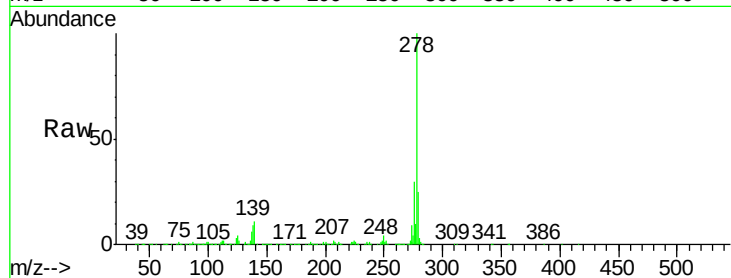
#91
Dibenzo(a,h)anthracene
Concen: 42.018 ng
RT: 28.61 min Scan# 4343
Delta R.T. -0.03 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.3	10.2	15.2
279	24.6	18.9	28.3

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:44 PM



#92
Benzo(g,h,i)perylene
Concen: 41.730 ng
RT: 29.66 min Scan# 4523
Delta R.T. -0.05 min
Lab File: BG044940.D
Acq: 24 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.1	30.1
138	14.0	13.0	19.6

