

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044594.D
 Acq On : 26 Feb 2020 2:32
 Operator : CG/JU
 Sample : PB127049BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127049BS

Manual Integrations
 APPROVED

mohammad
 2/27/2020 5:03:16 PM

Quant Time: Feb 26 06:09:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	67500	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	277042	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	172251	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	421377	20.00	ng	0.00
76) Chrysene-d12	21.50	240	450203	20.00	ng	0.00
87) Perylene-d12	24.57	264	311259	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	480433	114.20	ng	0.00
7) Phenol-d6	7.05	99	656719	114.04	ng	0.00
23) Nitrobenzene-d5	9.03	82	366773	68.20	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	287896	117.88	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	878286	73.02	ng	0.00
79) Terphenyl-d14	19.88	244	1506606	63.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	57046	31.074	ng	98
3) Pyridine	3.72	79	142215	27.763	ng	99
4) n-Nitrosodimethylamine	3.64	42	69491	35.718	ng	93
6) Aniline	7.20	93	125070	17.839	ng	97
8) 2-Chlorophenol	7.44	128	175042	38.115	ng	99
9) Benzaldehyde	7.03	77	470	0.139	ng	# 61
10) Phenol	7.08	94	214684	38.470	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	166000	35.384	ng	97
12) 1,3-Dichlorobenzene	7.77	146	184029	33.598	ng	100
13) 1,4-Dichlorobenzene	7.91	146	185884	33.768	ng	98
14) 1,2-Dichlorobenzene	8.22	146	175760	33.574	ng	98
15) Benzyl Alcohol	8.11	79	141976	36.557	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.41	45	210947	33.458	ng	99
17) 2-Methylphenol	8.33	107	149493	37.498	ng	98
18) Hexachloroethane	8.96	117	66830	33.220	ng	96
19) n-Nitroso-di-n-propylamine	8.68	70	125730	33.967	ng	100
20) 3+4-Methylphenols	8.65	107	206330	37.803	ng	100
22) Acetophenone	8.69	105	244367	35.132	ng	99
24) Nitrobenzene	9.08	77	179196	34.395	ng	99
25) Isophorone	9.60	82	349070	34.699	ng	99
26) 2-Nitrophenol	9.79	139	100723	35.649	ng	99
27) 2,4-Dimethylphenol	9.86	122	163969	41.332	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	221600	33.310	ng	99
29) 2,4-Dichlorophenol	10.33	162	178495	37.634	ng	100
30) 1,2,4-Trichlorobenzene	10.54	180	182040	33.187	ng	99
31) Naphthalene	10.72	128	520468	34.429	ng	99
32) Benzoic acid	10.02	122	100045	57.862	ng	96
33) 4-Chloroaniline	10.83	127	107017	16.073	ng	99
34) Hexachlorobutadiene	11.02	225	108034	31.362	ng	99
35) Caprolactam	11.60	113	64049m	37.722	ng	
36) 4-Chloro-3-methylphenol	11.97	107	194302	39.798	ng	96
37) 2-Methylnaphthalene	12.34	142	396968	35.531	ng	98
38) 1-Methylnaphthalene	12.55	142	377662	35.575	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	207822	35.838	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044594.D
 Acq On : 26 Feb 2020 2:32
 Operator : CG/JU
 Sample : PB127049BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127049BS

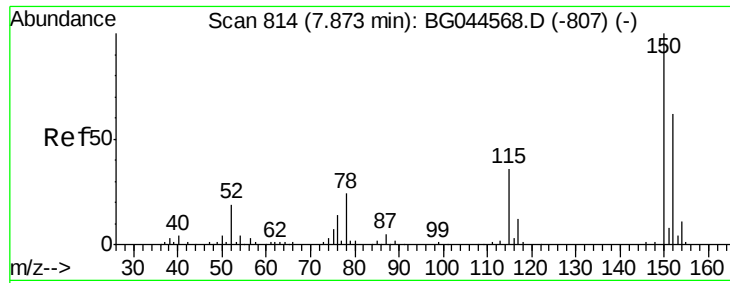
Manual Integrations
 APPROVED

mohammad
 2/27/2020 5:03:16 PM

Quant Time: Feb 26 06:09:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	100528	41.059	ng	100
43) 2,4,6-Trichlorophenol	12.95	196	146439	38.892	ng	100
44) 2,4,5-Trichlorophenol	13.04	196	159811	41.318	ng	98
46) 1,1'-Biphenyl	13.35	154	510491	35.812	ng	99
47) 2-Chloronaphthalene	13.39	162	399061	35.701	ng	99
48) 2-Nitroaniline	13.59	65	117016	37.713	ng	95
49) Acenaphthylene	14.23	152	623697	37.800	ng	100
50) Dimethylphthalate	13.97	163	525704	37.813	ng	99
51) 2,6-Dinitrotoluene	14.09	165	119861	39.091	ng	95
52) Acenaphthene	14.58	154	388996	36.984	ng	98
53) 3-Nitroaniline	14.42	138	80047	24.206	ng	97
54) 2,4-Dinitrophenol	14.63	184	142292	78.136	ng	96
55) Dibenzofuran	14.92	168	622893	38.630	ng	99
56) 4-Nitrophenol	14.75	139	212954	93.619	ng	99
57) 2,4-Dinitrotoluene	14.88	165	171303	39.737	ng	98
58) Fluorene	15.56	166	500682	39.162	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	147726	41.475	ng	98
60) Diethylphthalate	15.34	149	538681	39.104	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	262292	37.732	ng	100
62) 4-Nitroaniline	15.59	138	120796	36.481	ng	97
63) Azobenzene	15.85	77	462421	39.444	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	107020	41.017	ng	97
66) n-Nitrosodiphenylamine	15.77	169	469618	35.729	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	177732	33.980	ng	98
68) Hexachlorobenzene	16.58	284	195322	33.029	ng	97
69) Atrazine	16.72	200	71694	14.754	ng	97
70) Pentachlorophenol	16.92	266	326510	109.849	ng	97
71) Phenanthrene	17.30	178	837350	35.893	ng	99
72) Anthracene	17.40	178	826239	35.939	ng	99
73) Carbazole	17.67	167	788633	37.686	ng	100
74) Di-n-butylphthalate	18.23	149	974703	37.170	ng	99
75) Fluoranthene	19.32	202	1043856	37.798	ng	99
77) Benzidine	19.50	184	91948	5.962	ng	97
78) Pyrene	19.67	202	1053801	32.245	ng	99
80) Butylbenzylphthalate	20.57	149	459795	32.165	ng	99
81) Benzo(a)anthracene	21.48	228	1030644	32.572	ng	100
82) 3,3'-Dichlorobenzidine	21.40	252	296273	23.701	ng	100
83) Chrysene	21.55	228	968450	31.656	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	645094	32.751	ng	99
85) Di-n-octyl phthalate	22.56	149	1126471	32.505	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1230518	31.341	ng	99
88) Benzo(b)fluoranthene	23.60	252	1099085	53.706	ng	99
89) Benzo(k)fluoranthene	23.66	252	1034803	52.114	ng	100
90) Benzo(a)pyrene	24.43	252	1021676	53.135	ng	99
91) Dibenzo(a,h)anthracene	28.10	278	1034350	54.394	ng	99
92) Benzo(g,h,i)perylene	29.13	276	1040537	54.615	ng	99

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



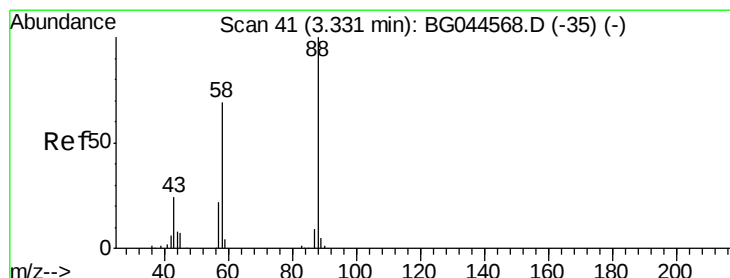
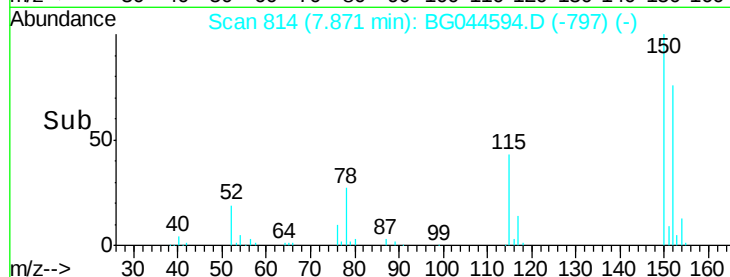
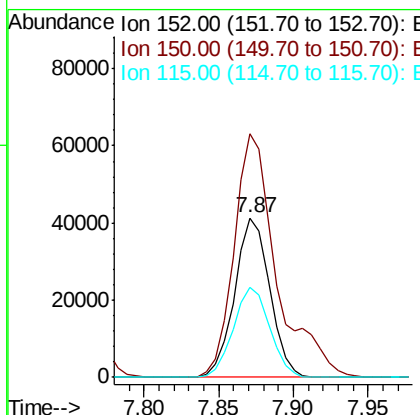
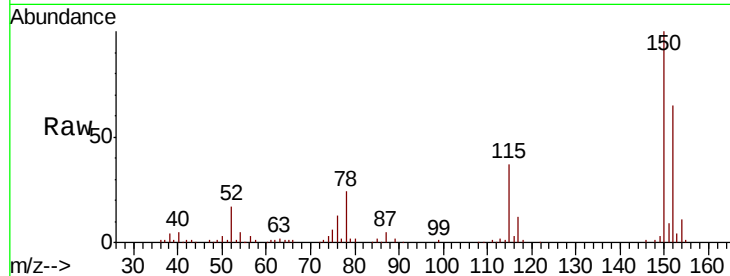
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.87 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampled :
 PB127049BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	128.9	193.3
115	56.4	47.0	70.4

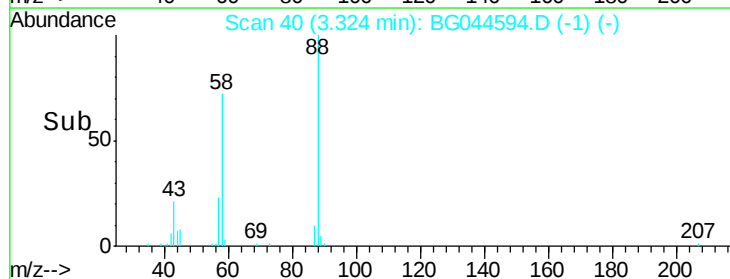
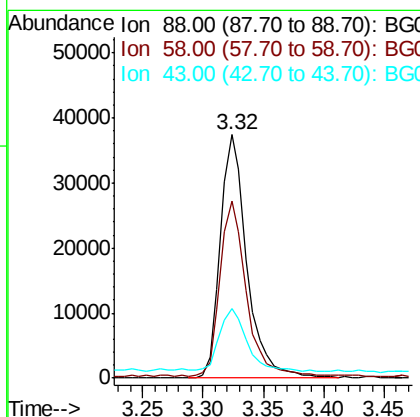
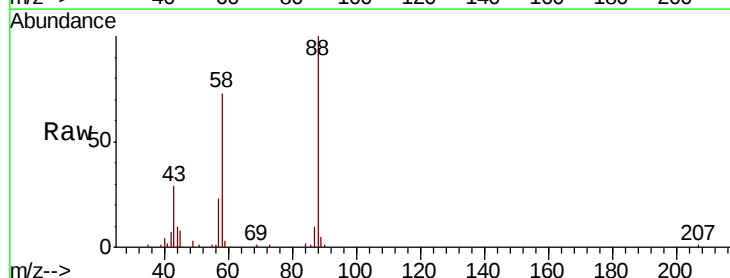
Manual Integrations
 APPROVED

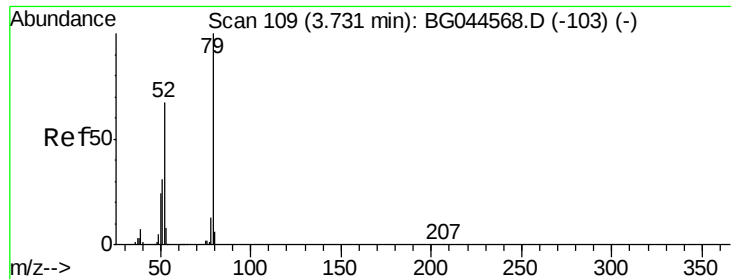
mohammad
 2/27/2020 5:03:16 PM



#2
 1,4-Dioxane
 Concen: 31.074 ng
 RT: 3.32 min Scan# 40
 Delta R.T. -0.01 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.9	55.8	83.8
43	26.9	20.6	31.0





#3

Pvridine

Concen: 27.763 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

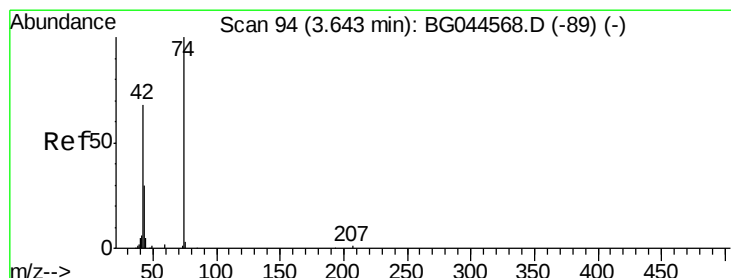
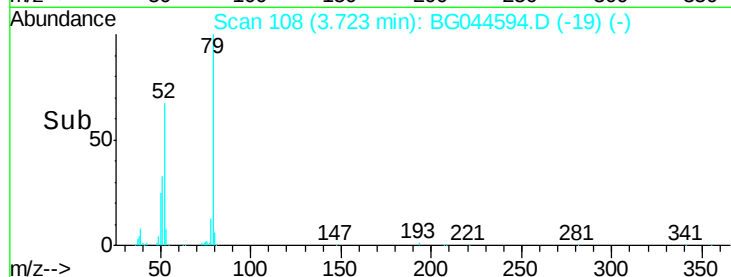
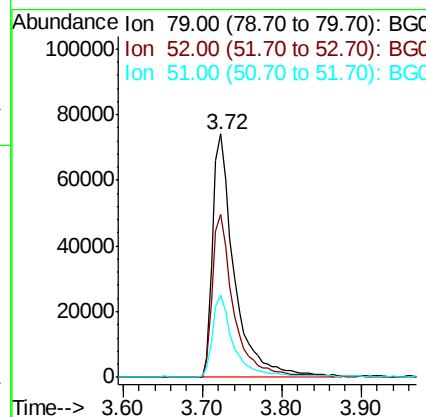
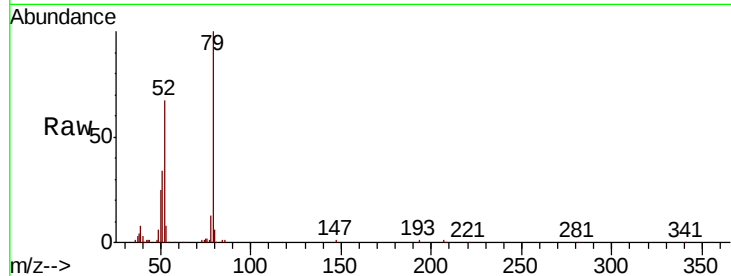
ClientSampleId :

PB127049BS

Tot Ion:	79	Resp:	142215
Ion Ratio	Lower	Upper	
79	100		
52	66.8	53.7	80.5
51	33.6	25.4	38.0

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



#4

n-Nitrosodimethylamine

Concen: 35.718 ng

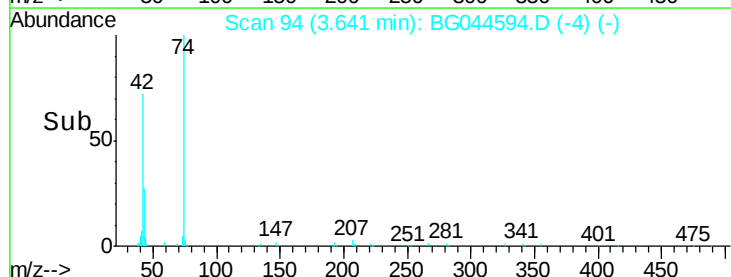
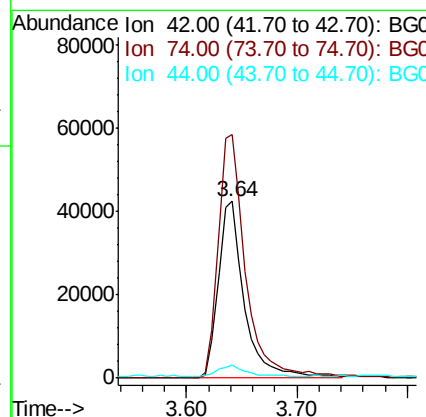
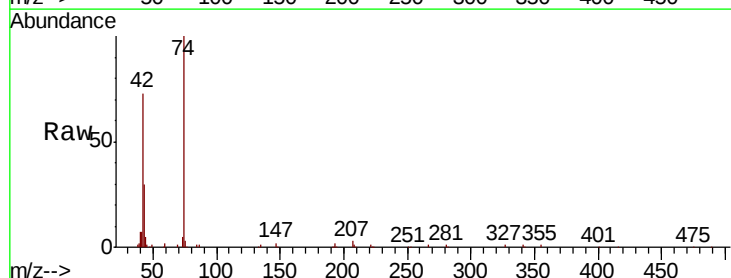
RT: 3.64 min Scan# 94

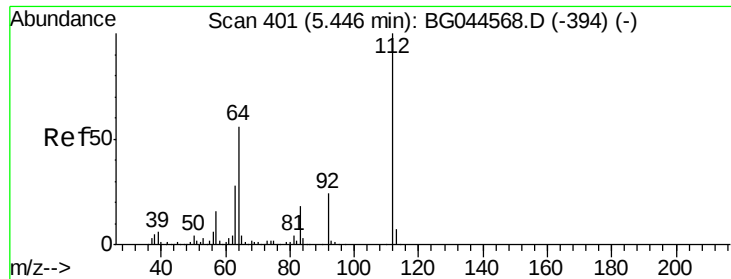
Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:	42	Resp:	69491
Ion Ratio	Lower	Upper	
42	100		
74	137.6	117.6	176.4
44	7.2	6.3	9.5





#5

2-Fluorophenol

Concen: 114.199 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

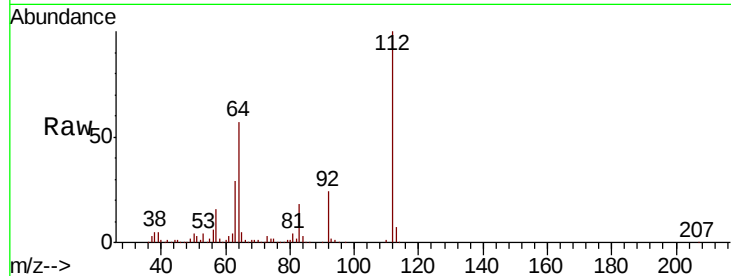
ClientSampleId :

PB127049BS

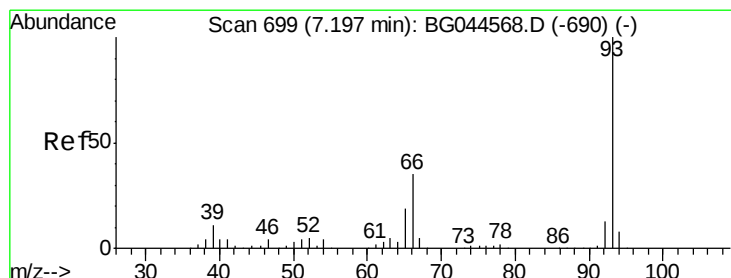
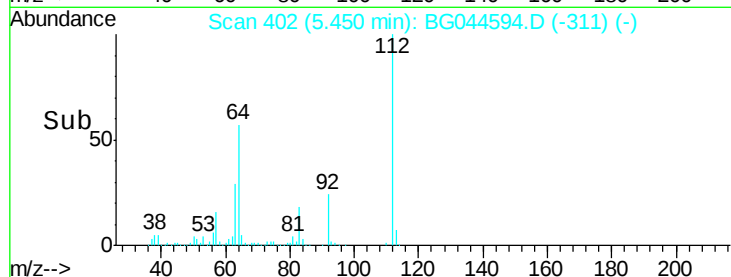
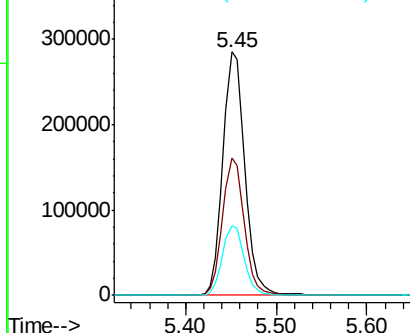
Tot Ion:	112	Resp:	480433
Ion Ratio	Lower	Upper	
112	100		
64	56.6	44.8	67.2
63	28.7	22.3	33.5

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.839 ng

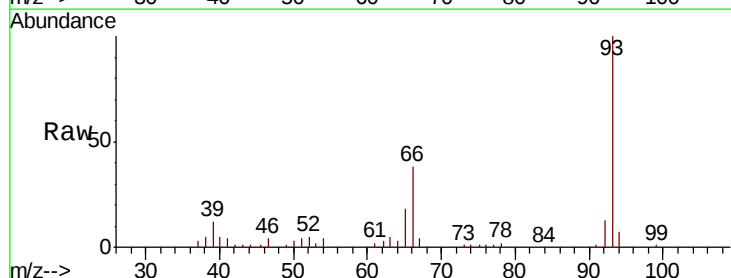
RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

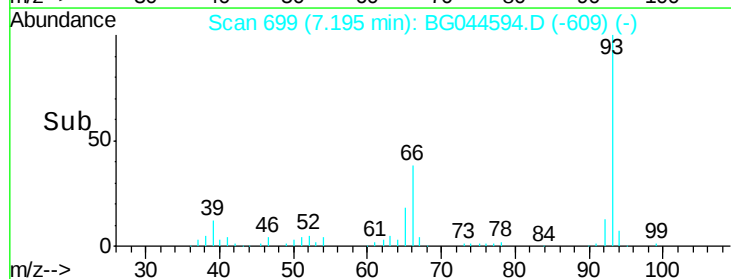
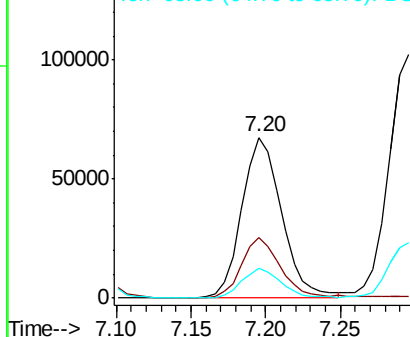
Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:	93	Resp:	125070
Ion Ratio	Lower	Upper	
93	100		
66	37.6	27.8	41.8
65	18.4	14.9	22.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.042 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

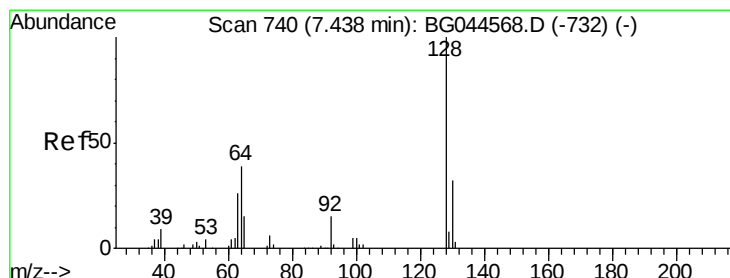
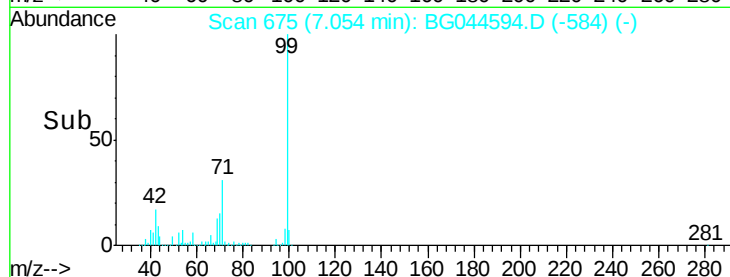
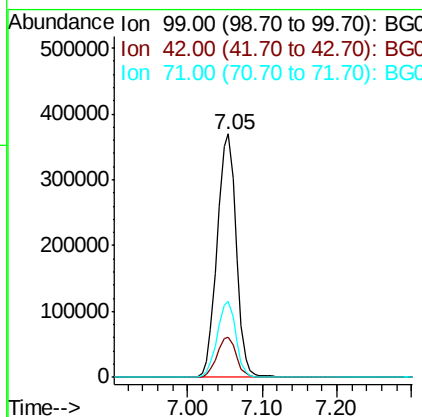
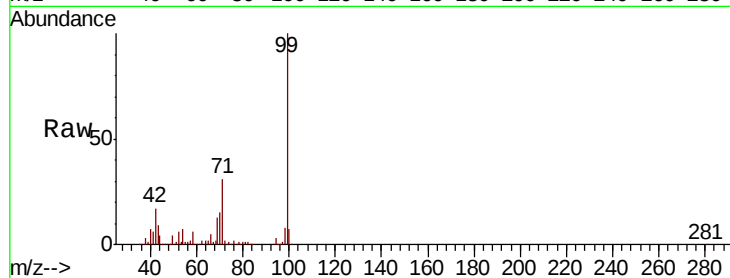
ClientSampleId :

PB127049BS

Tot Ion:	99	Resp:	656719
Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.8	19.2
71	31.3	24.4	36.6

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



#8

2-Chlorophenol

Concen: 38.115 ng

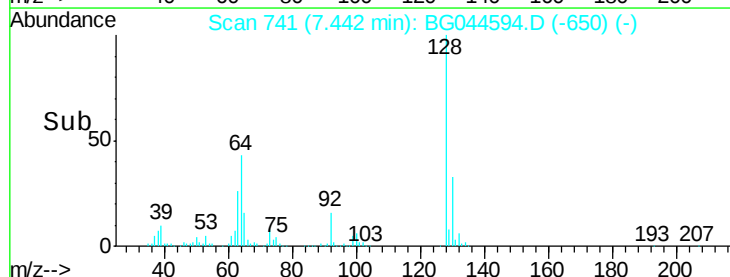
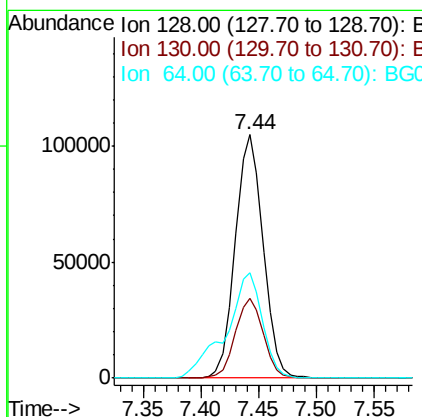
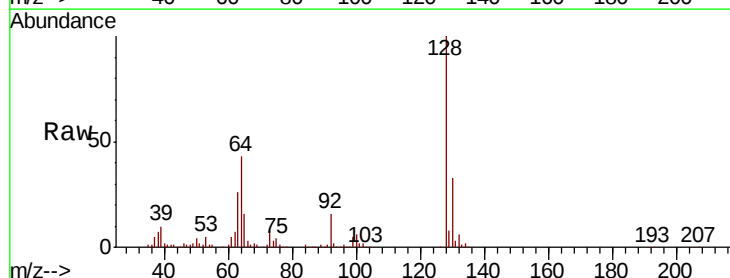
RT: 7.44 min Scan# 741

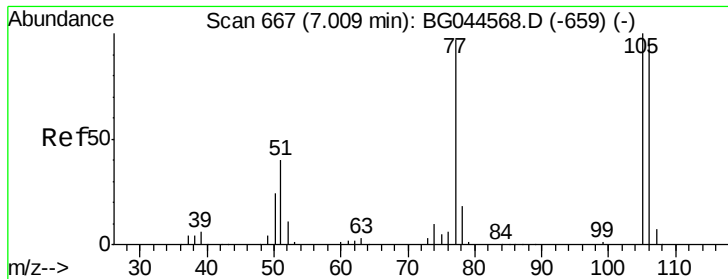
Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:	128	Resp:	175042
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	43.2	22.5	62.5





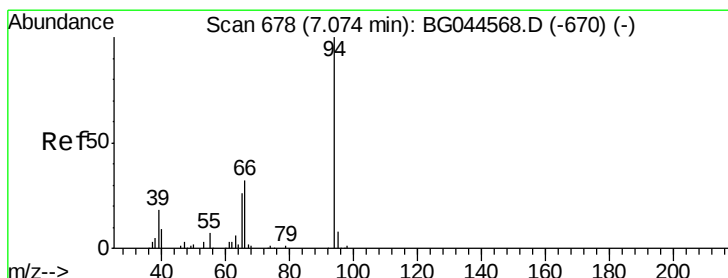
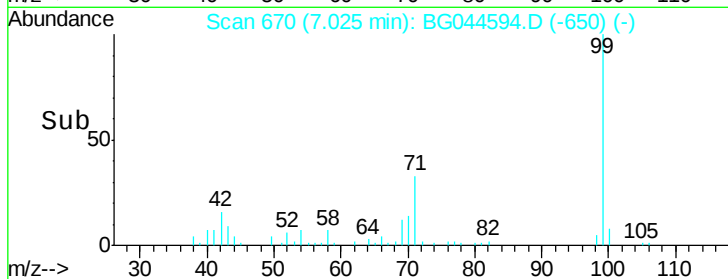
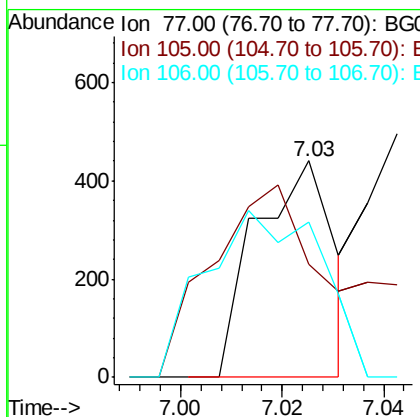
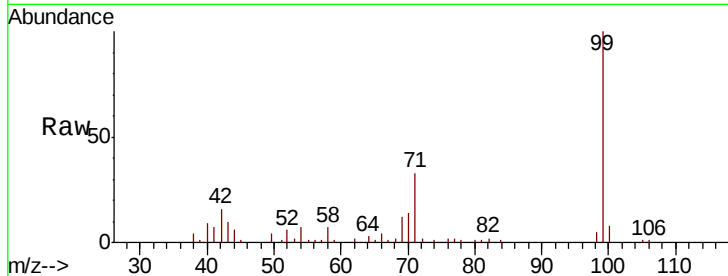
#9
Benzaldehyde
Concen: 0.139 ng
RT: 7.03 min Scan# 670
Delta R.T. 0.02 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleID :
PB127049BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	52.5	83.6	123.6#
106	71.8	78.2	118.2#

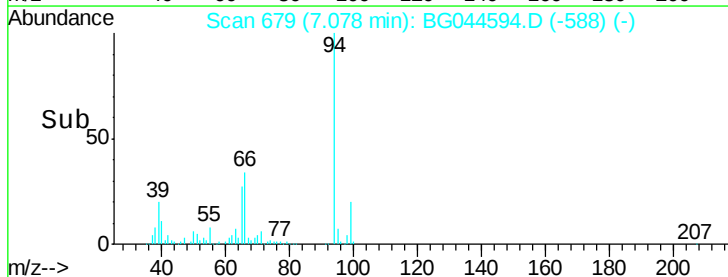
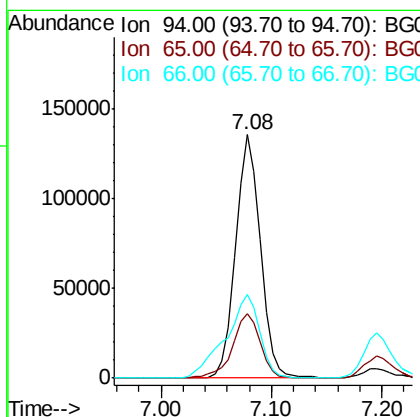
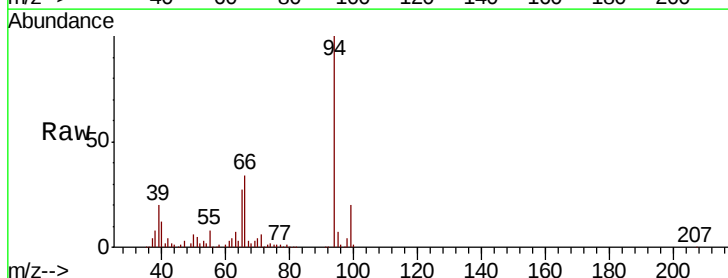
Manual Integrations
APPROVED

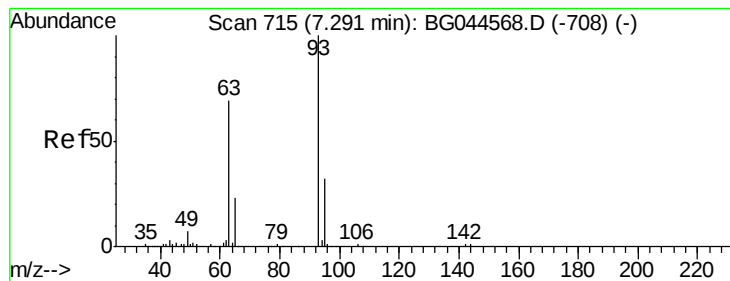
mohammad
2/27/2020 5:03:16 PM



#10
Phenol
Concen: 38.470 ng
RT: 7.08 min Scan# 679
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.7	6.4	46.4
66	34.3	13.9	53.9





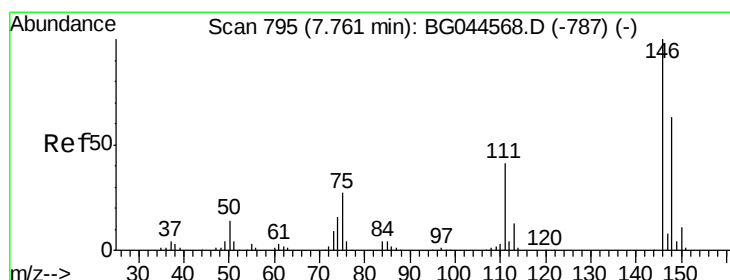
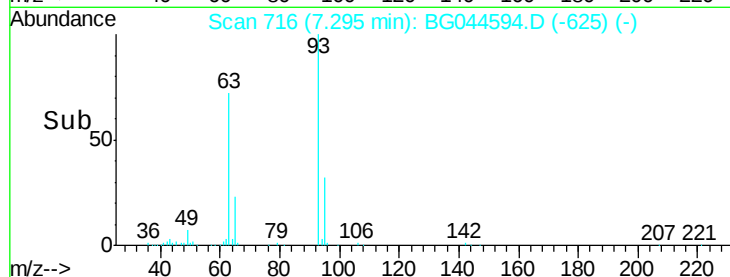
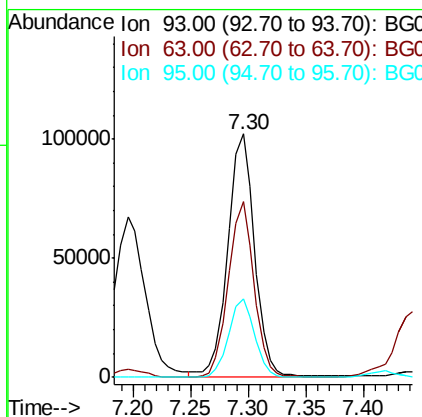
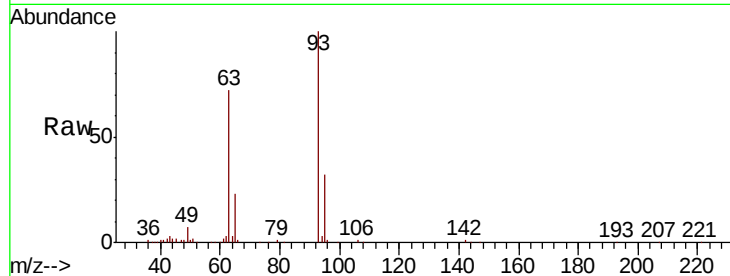
#11
bis(2-Chloroethyl)ether
Concen: 35.384 ng
RT: 7.30 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	166000		
63	71.9		48.9	88.9
95	32.0		11.3	51.3

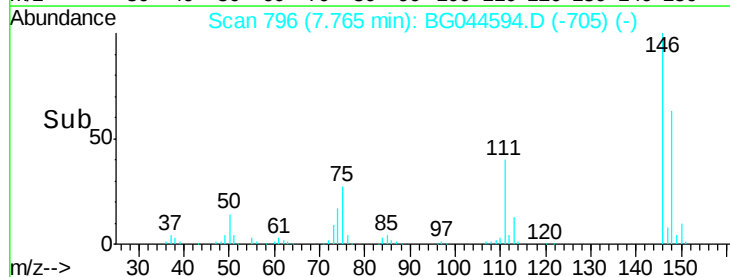
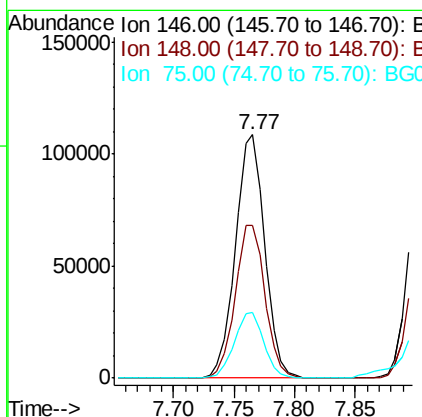
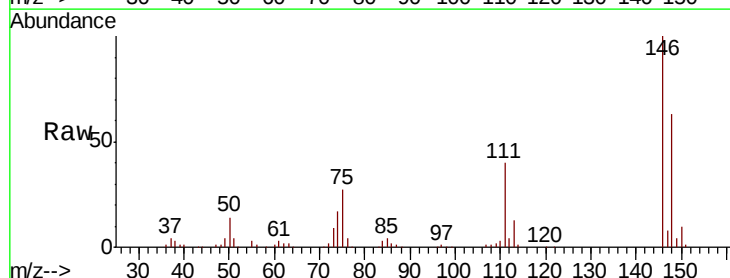
Manual Integrations
APPROVED

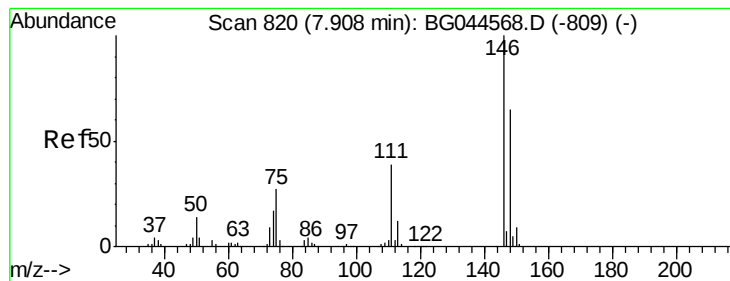
mohammad
2/27/2020 5:03:16 PM



#12
1,3-Dichlorobenzene
Concen: 33.598 ng
RT: 7.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	184029		
148	62.7		50.6	75.8
75	26.7		21.4	32.0





#13

1,4-Dichlorobenzene

Concen: 33.768 ng

RT: 7.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

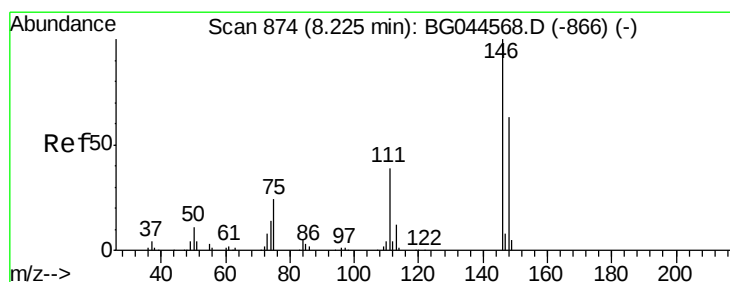
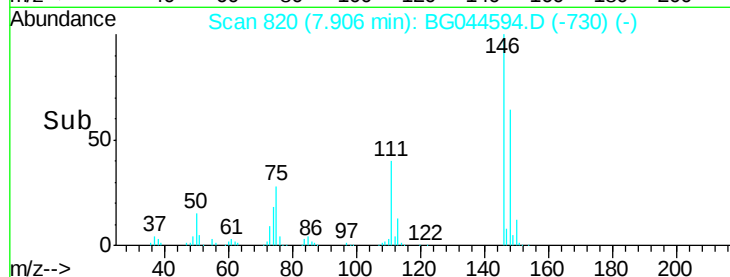
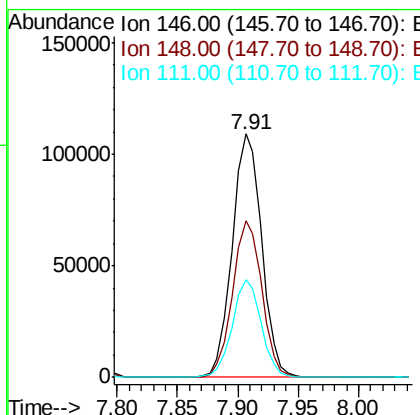
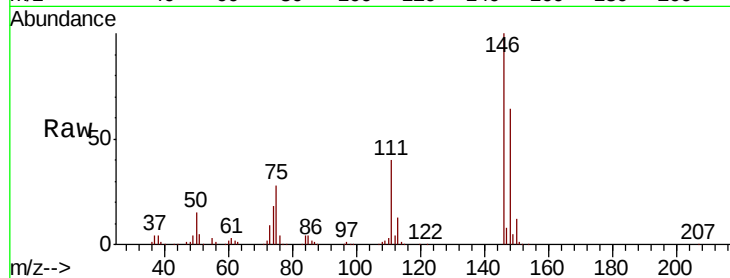
ClientSampled :

PB127049BS

Tot Ion:	146	Resp:	185884
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.9	77.9
111	40.2	30.8	46.2

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



#14

1,2-Dichlorobenzene

Concen: 33.574 ng

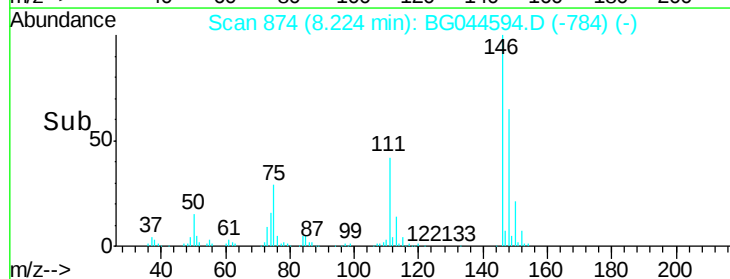
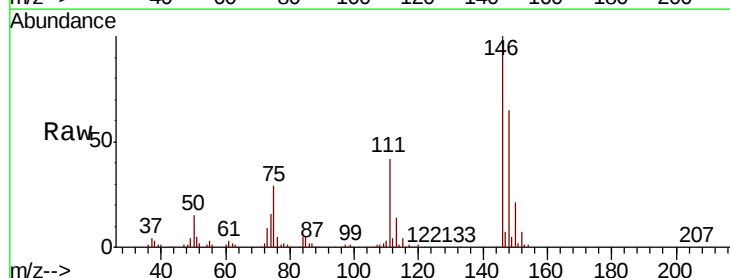
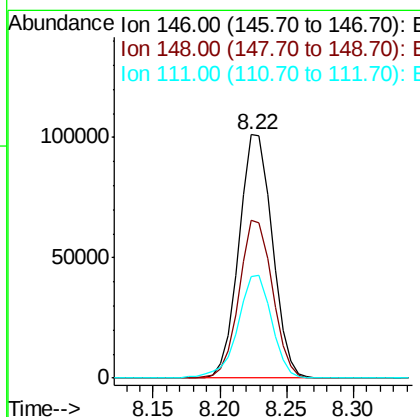
RT: 8.22 min Scan# 874

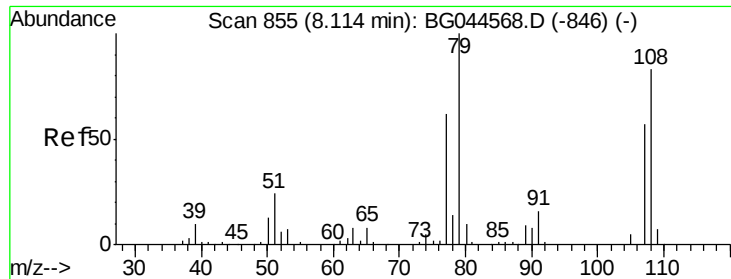
Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:	146	Resp:	175760
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.7	76.1
111	41.7	31.8	47.6





#15

Benzyl Alcohol

Concen: 36.557 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

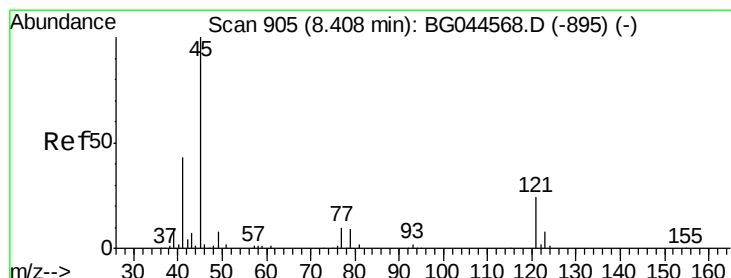
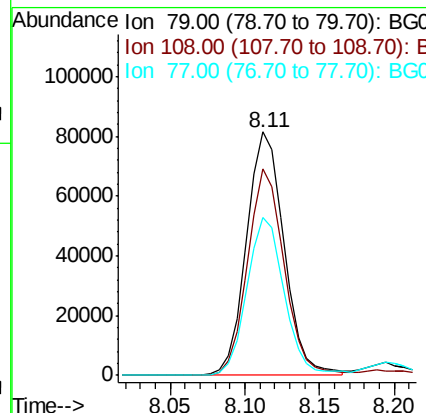
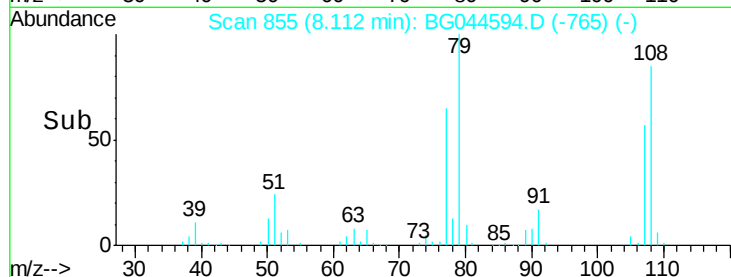
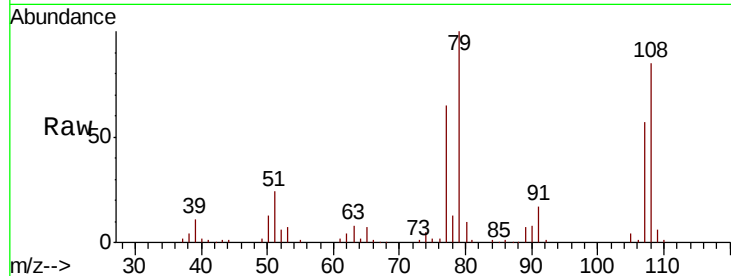
ClientSampled :

PB127049BS

Tot Ion:	79	Resp:	141976
Ion	Ratio	Lower	Upper
79	100		
108	84.6	66.0	99.0
77	64.6	49.6	74.4

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.458 ng

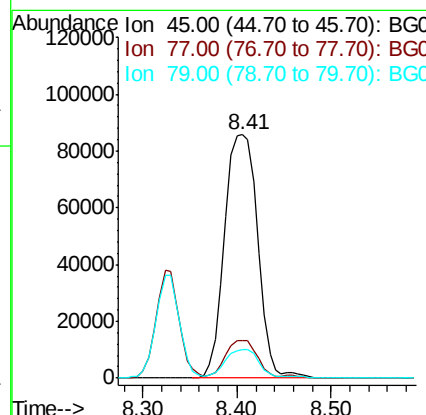
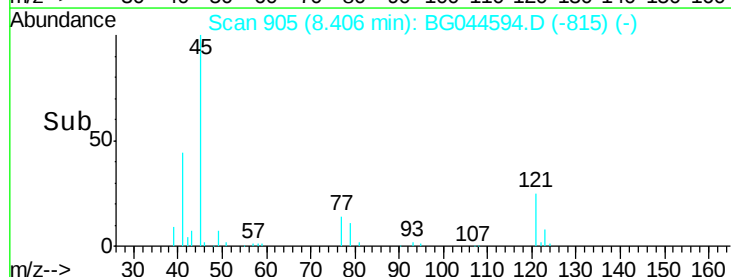
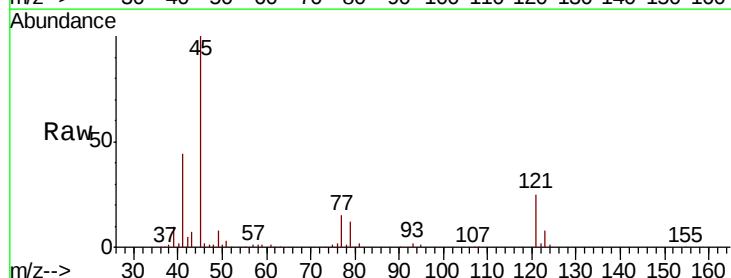
RT: 8.41 min Scan# 905

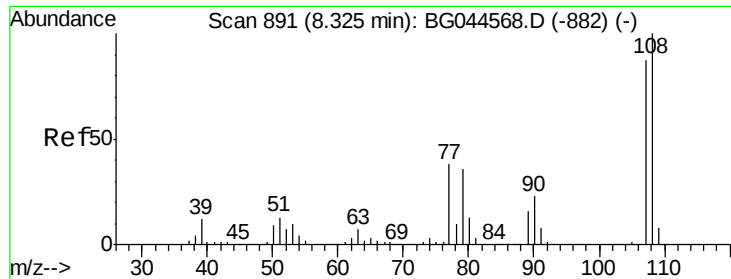
Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:	45	Resp:	210947
Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	34.4
79	12.0	0.0	32.3





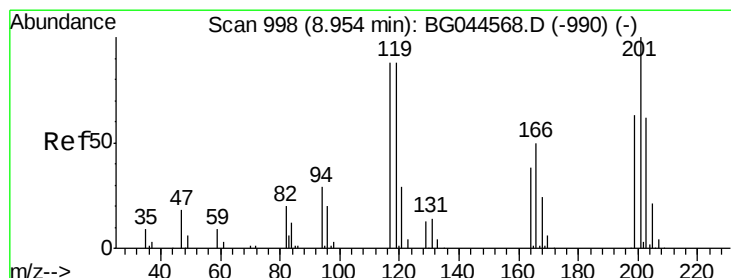
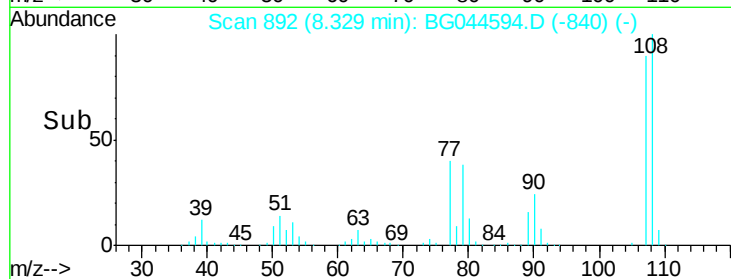
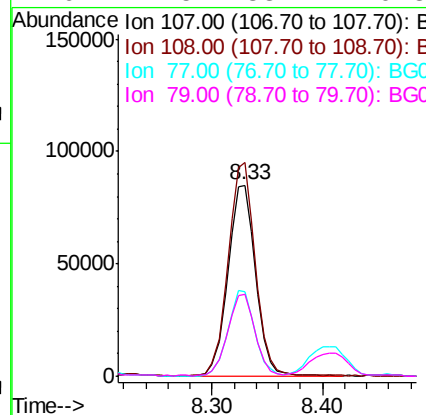
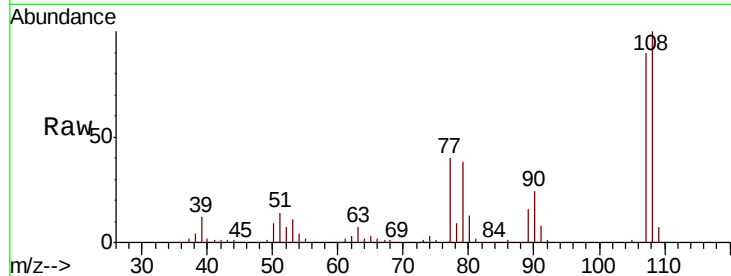
#17
2-Methylphenol
Concen: 37.498 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion:	107	Resp:	149493
Ion Ratio	Lower	Upper	
107	100		
108	111.6	91.7	137.5
77	44.1	35.1	52.7
79	42.5	33.2	49.8

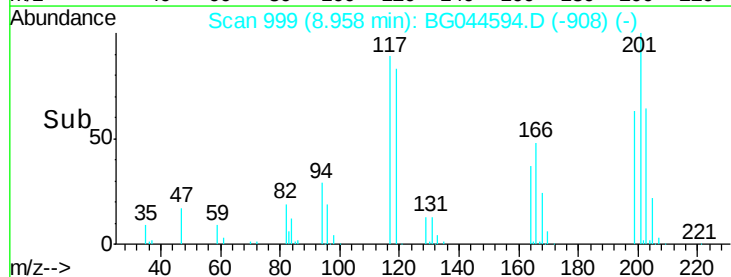
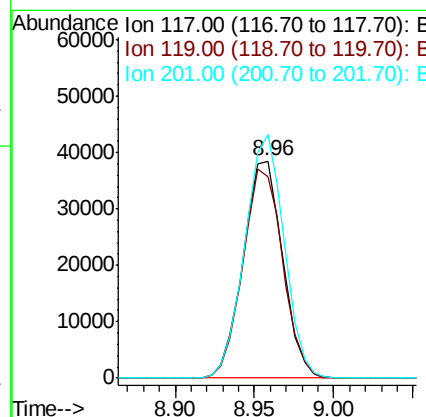
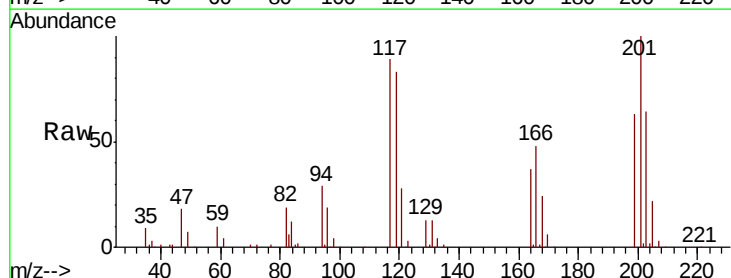
Manual Integrations
APPROVED

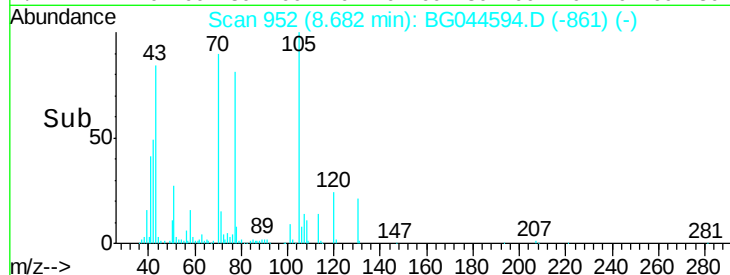
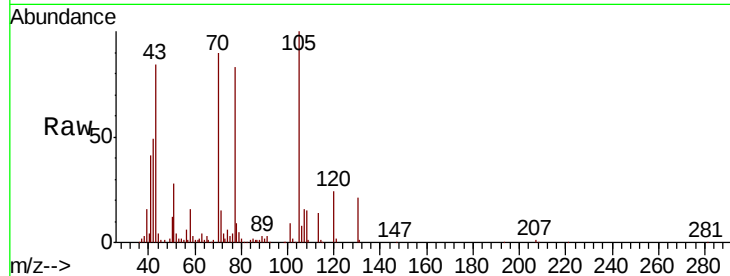
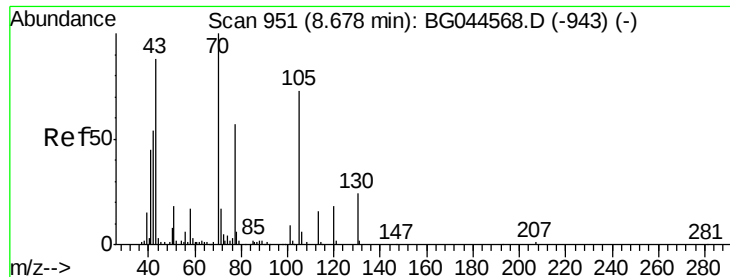
mohammad
2/27/2020 5:03:16 PM



#18
Hexachloroethane
Concen: 33.220 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion:	117	Resp:	66830
Ion Ratio	Lower	Upper	
117	100		
119	93.0	80.0	120.0
201	114.7	90.5	135.7





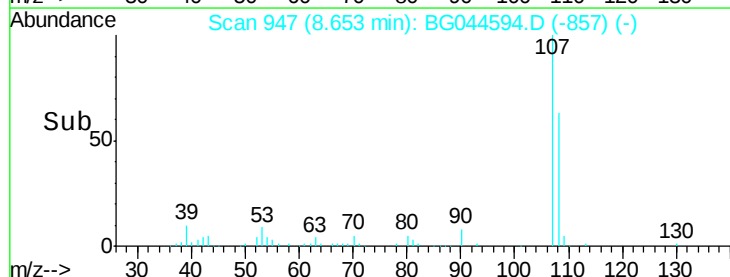
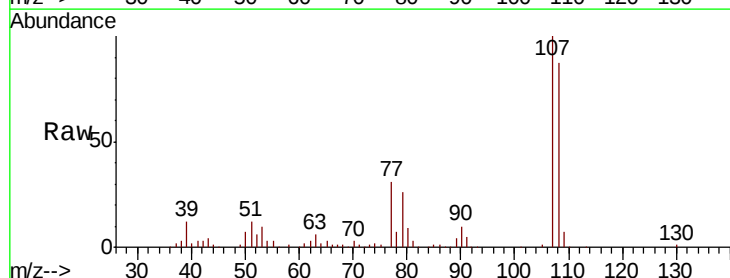
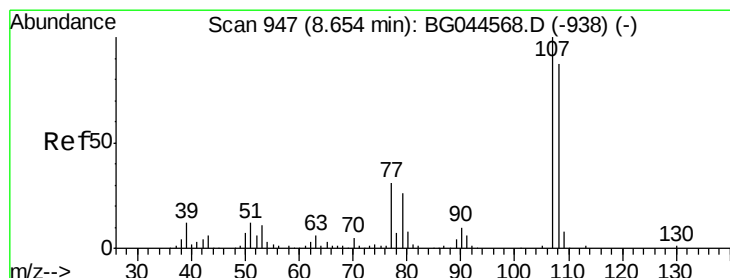
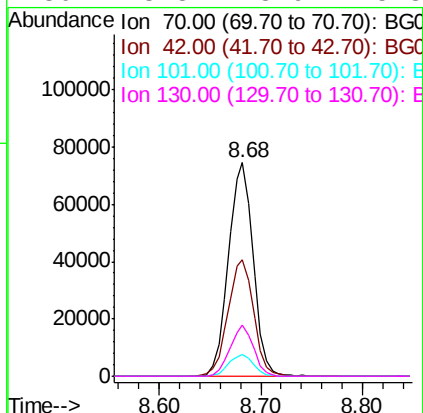
#19
n-Nitroso-di-n-propylamine
Concen: 33.967 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.3	43.4	65.0	
101	10.0	7.5	11.3	
130	23.8	18.9	28.3	

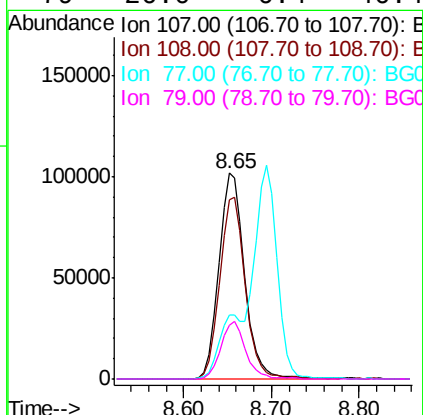
Manual Integrations
APPROVED

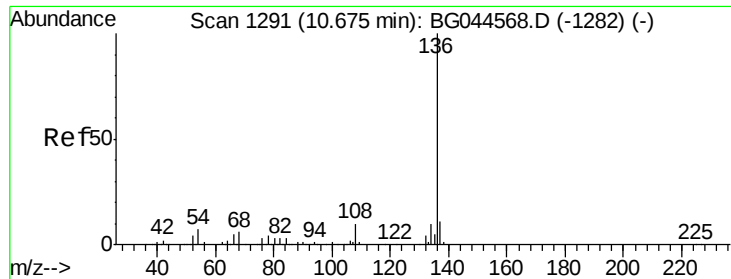
mohammad
2/27/2020 5:03:16 PM



#20
3+4-Methylphenols
Concen: 37.803 ng
RT: 8.65 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	67.5	107.5	
77	31.0	11.3	51.3	
79	26.0	6.4	46.4	





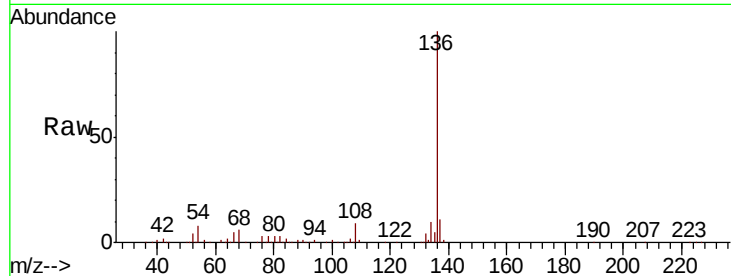
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

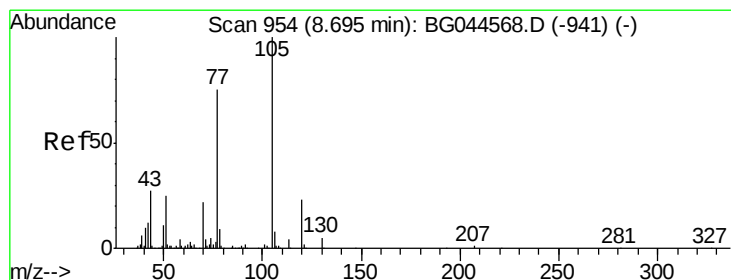
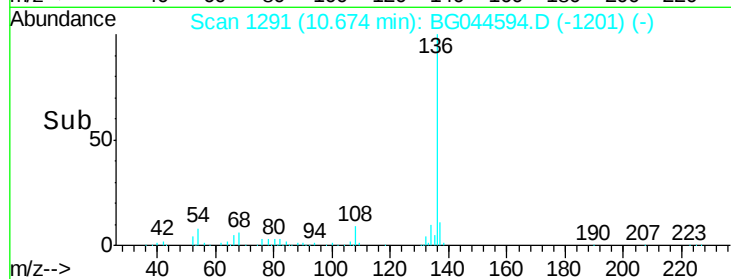
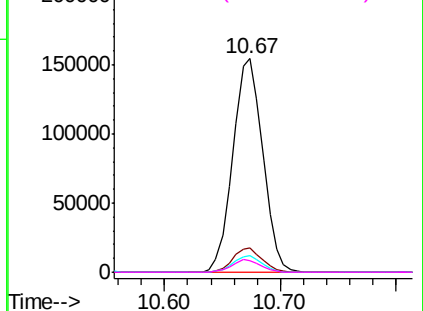
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		277042		
137	11.1	8.8	13.2		
54	7.6	5.7	8.5		
68	5.5	4.5	6.7		

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



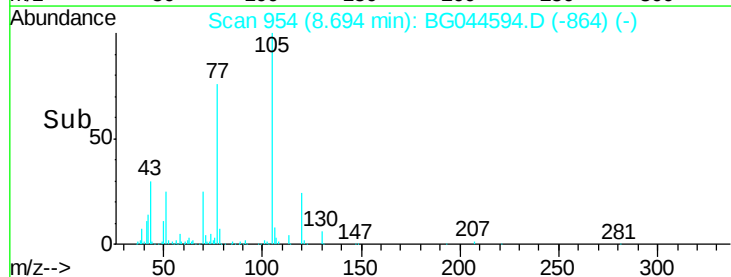
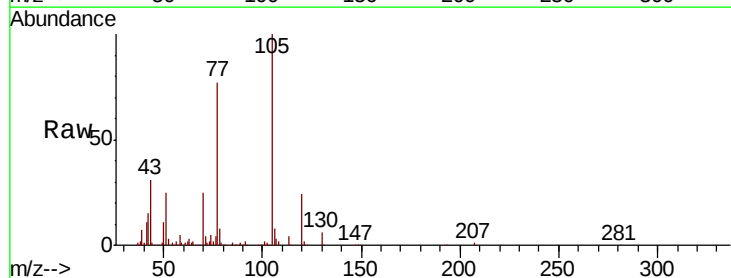
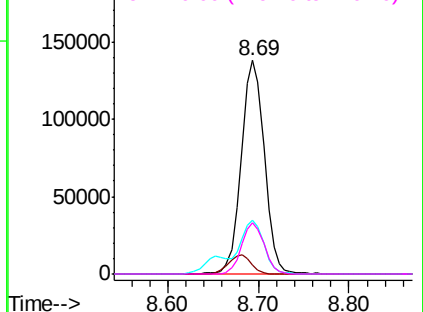
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

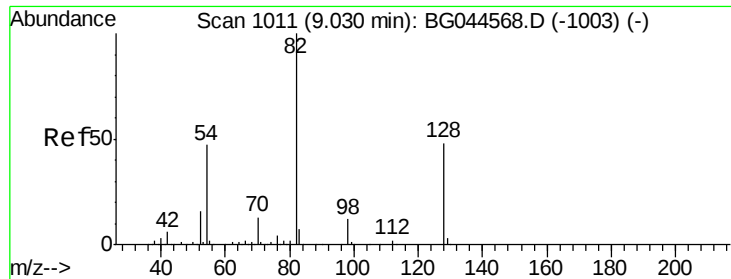


#22
Acetophenone
Concen: 35.132 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		244367		
71	4.1	2.8	4.2		
51	25.3	19.9	29.9		
120	24.2	18.6	28.0		

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





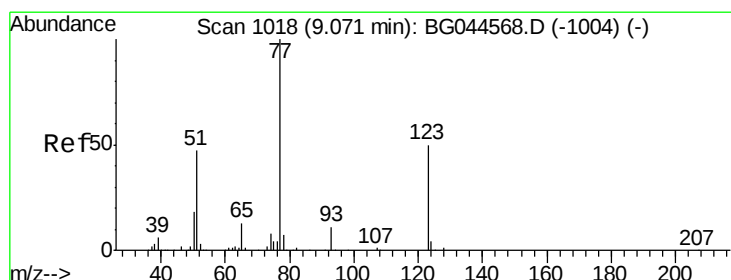
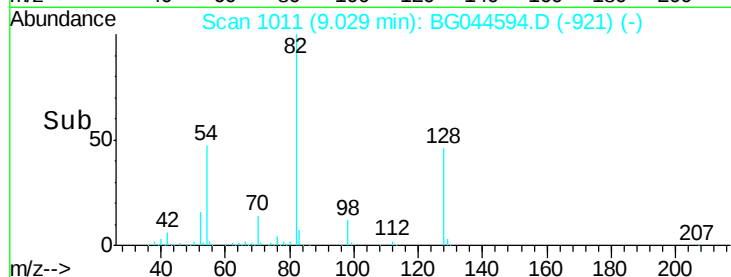
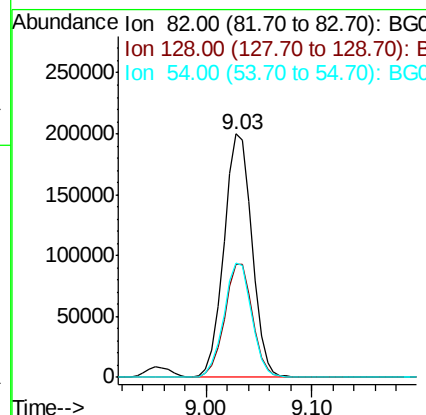
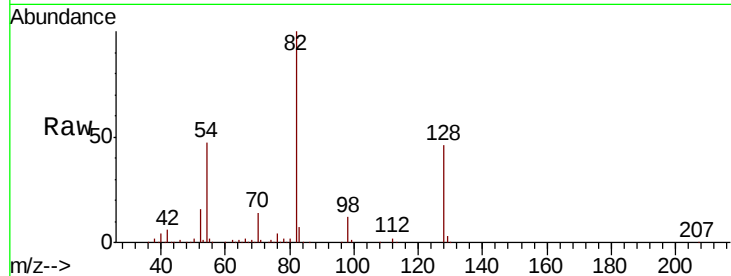
#23
 Nitrobenzene-d5
 Concen: 68.205 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127049BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	366773		
128	46.2	38.1	57.1	
54	46.7	37.5	56.3	

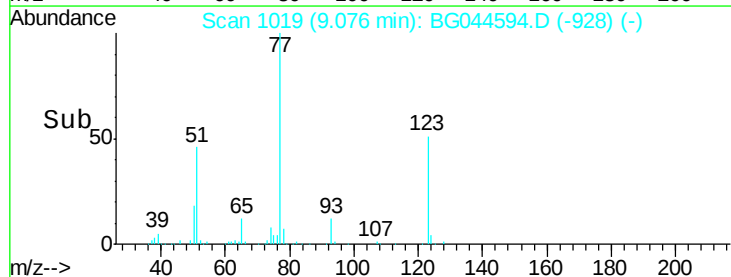
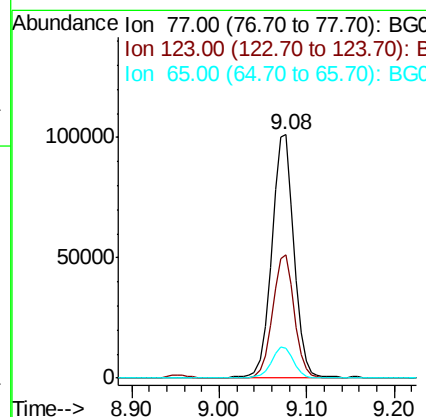
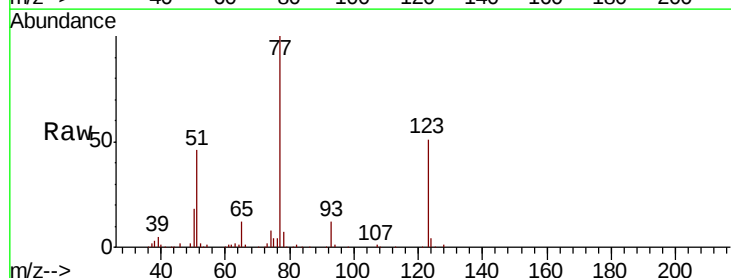
Manual Integrations
 APPROVED

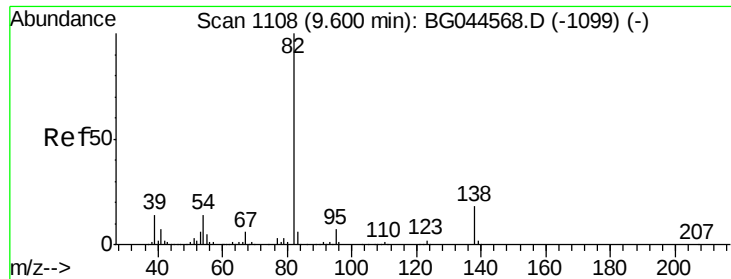
mohammad
 2/27/2020 5:03:16 PM



#24
 Nitrobenzene
 Concen: 34.395 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	179196		
123	50.7	40.1	60.1	
65	12.5	10.4	15.6	





#25

Isophorone

Concen: 34.699 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

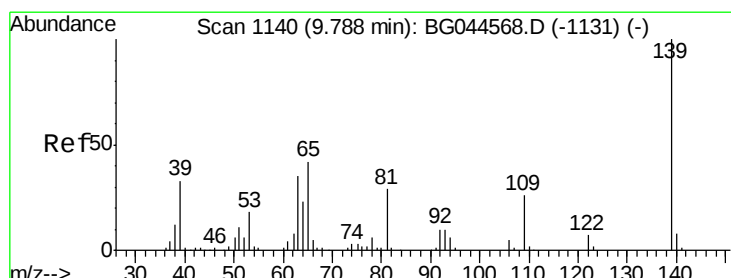
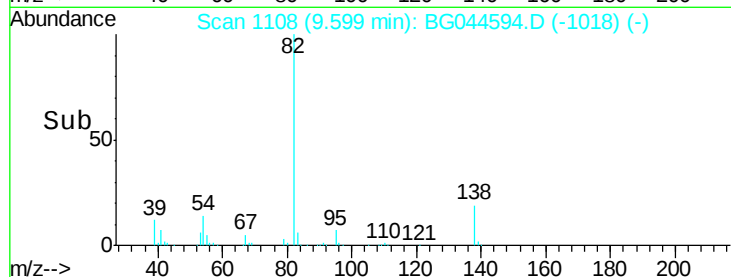
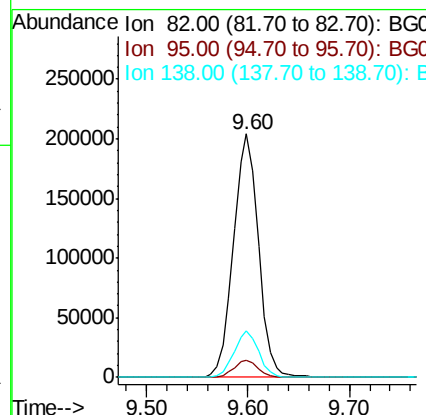
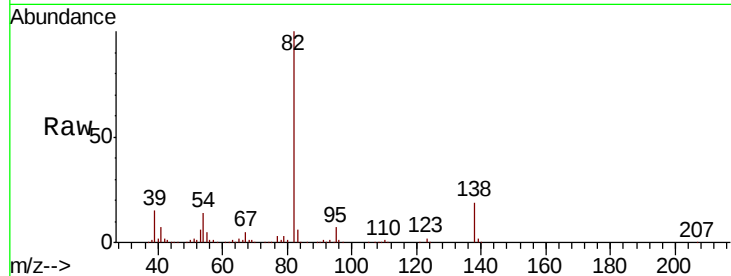
ClientSampled :

PB127049BS

Tot Ion:	82	Resp:	349070
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.0	14.7	22.1

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



#26

2-Nitrophenol

Concen: 35.649 ng

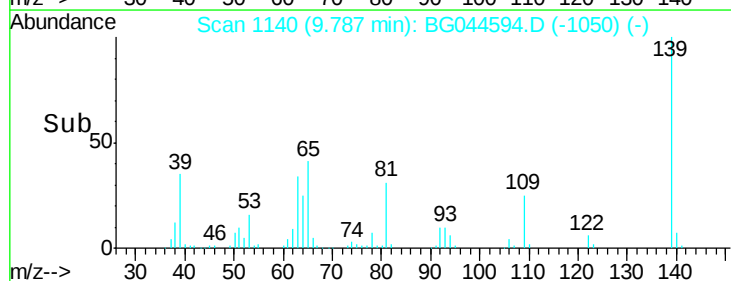
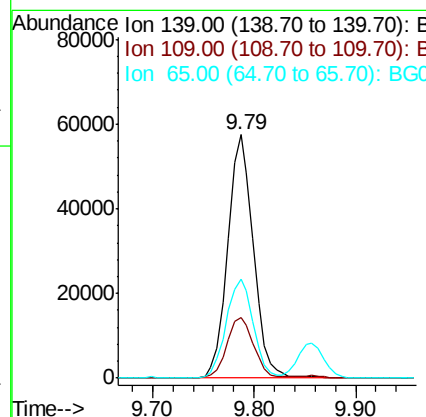
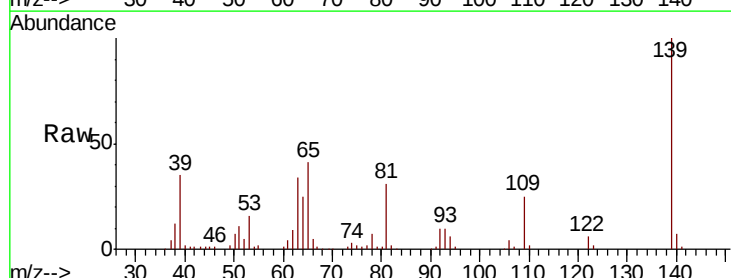
RT: 9.79 min Scan# 1140

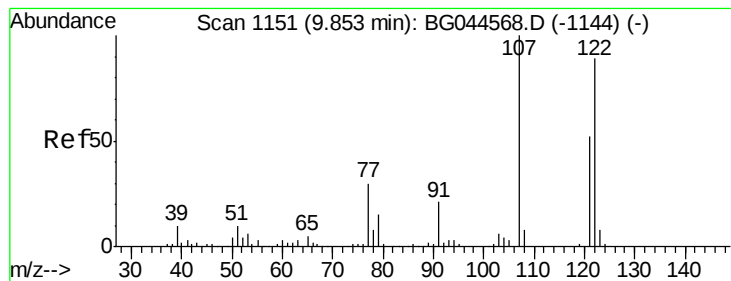
Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:	139	Resp:	100723
Ion	Ratio	Lower	Upper
139	100		
109	25.0	20.6	31.0
65	40.9	33.3	49.9





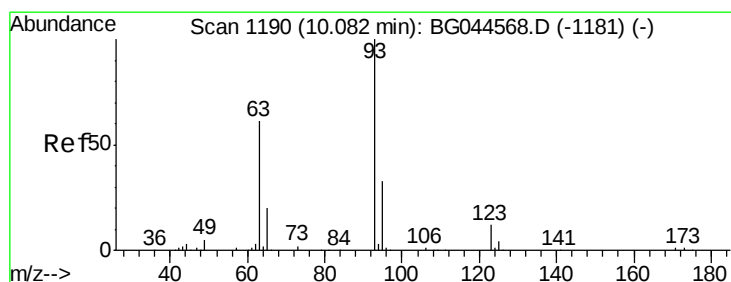
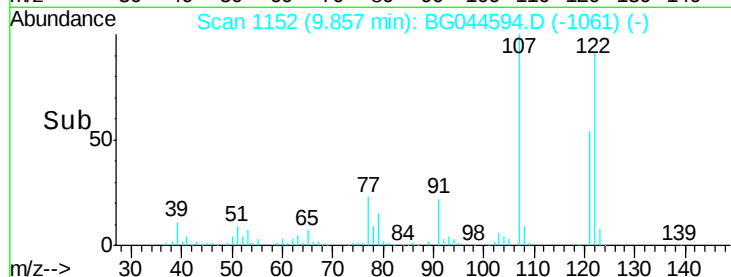
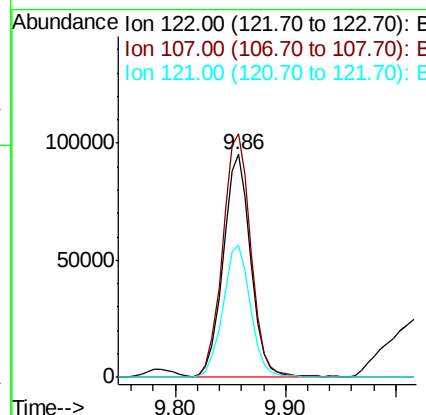
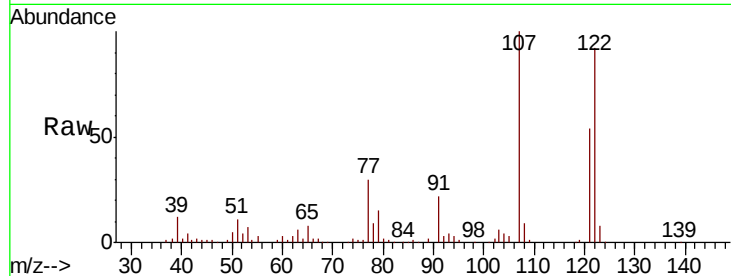
#27
2,4-Dimethylphenol
Concen: 41.332 ng
RT: 9.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.2	89.4	134.0
121	59.1	46.5	69.7

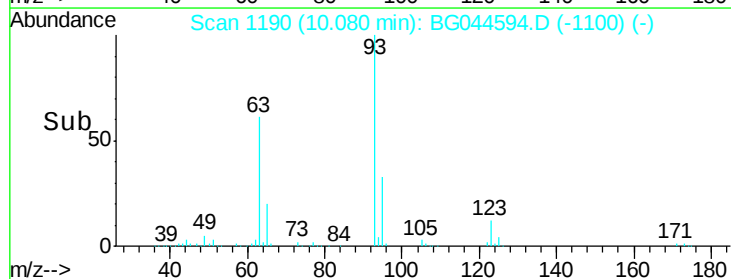
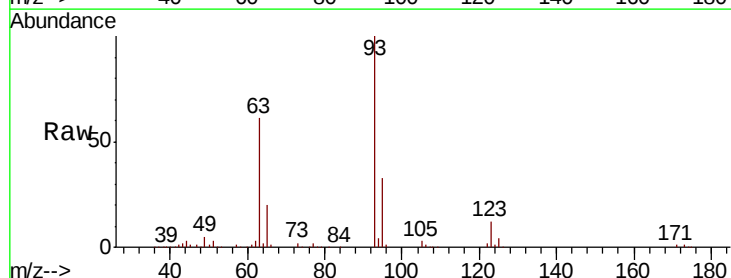
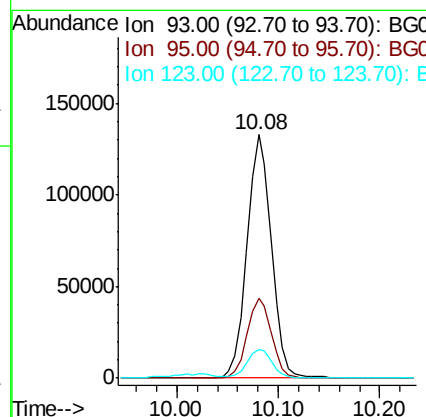
Manual Integrations
APPROVED

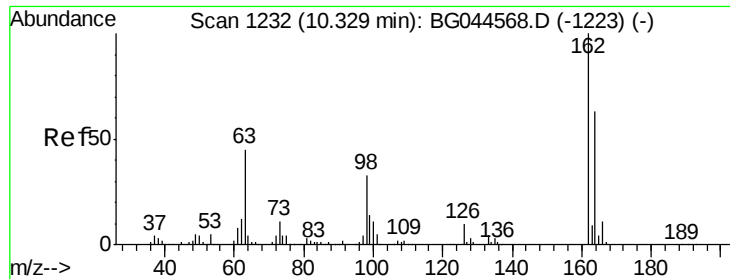
mohammad
2/27/2020 5:03:16 PM



#28
bis(2-Chloroethoxy)methane
Concen: 33.310 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	11.7	9.7	14.5





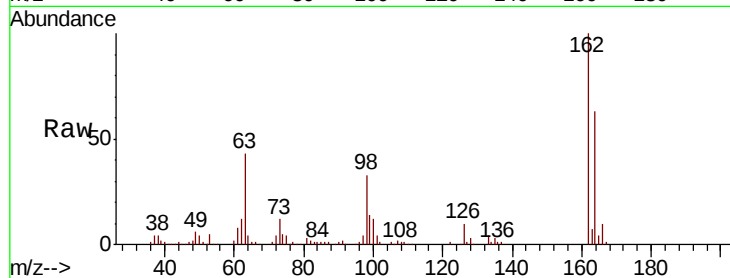
#29
 2,4-Dichlorophenol
 Concen: 37.634 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127049BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.9	43.2	83.2
98	33.4	13.2	53.2

Manual Integrations
 APPROVED

mohammad
 2/27/2020 5:03:16 PM

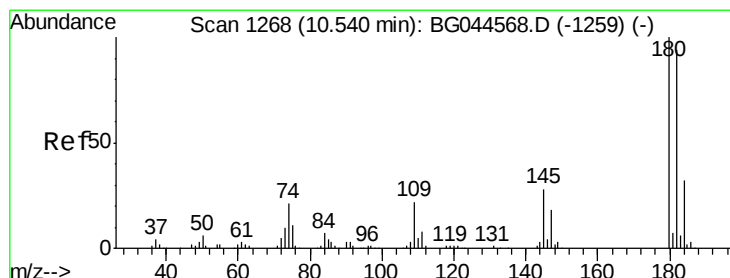
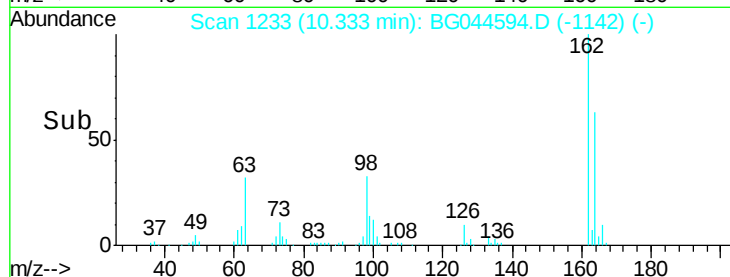
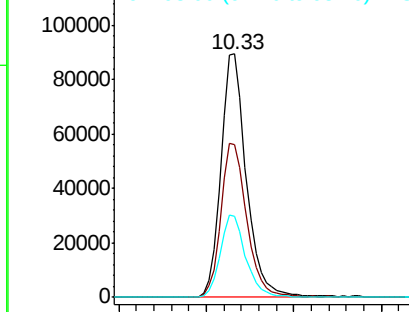


Abundance

Ion 162.00 (161.70 to 162.70): E

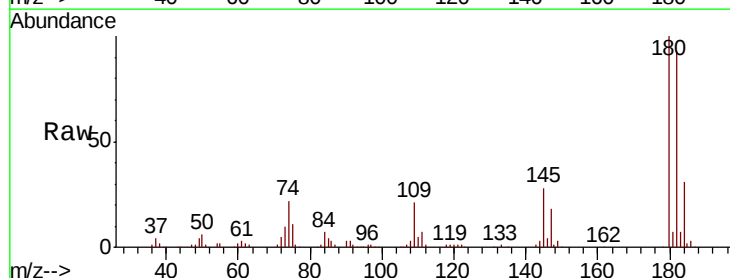
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 33.187 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.4	75.6	113.4
145	27.7	22.2	33.2

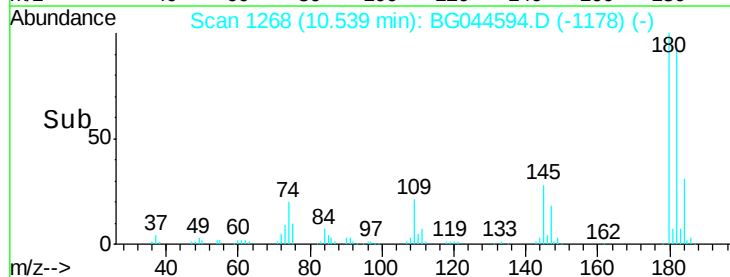
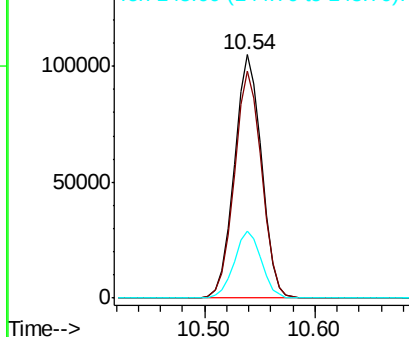


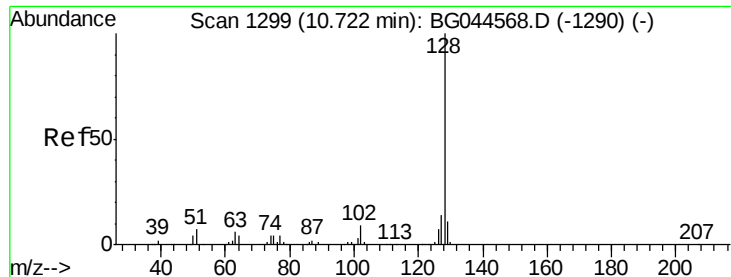
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





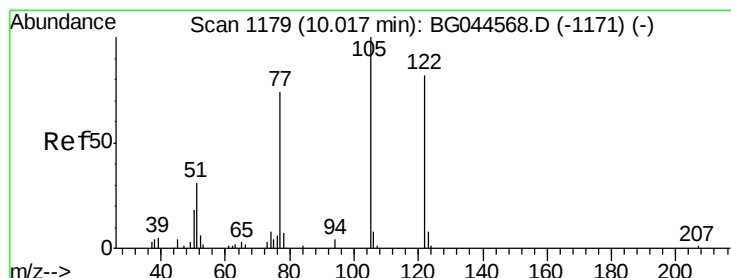
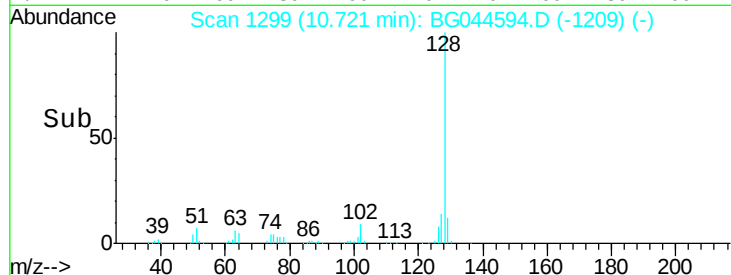
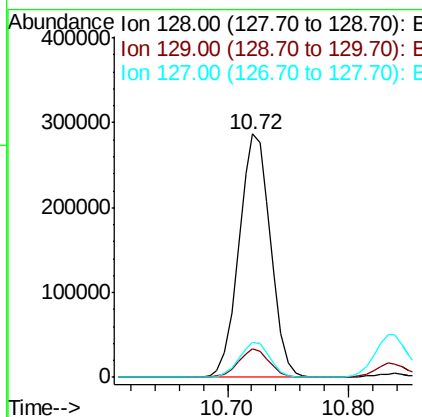
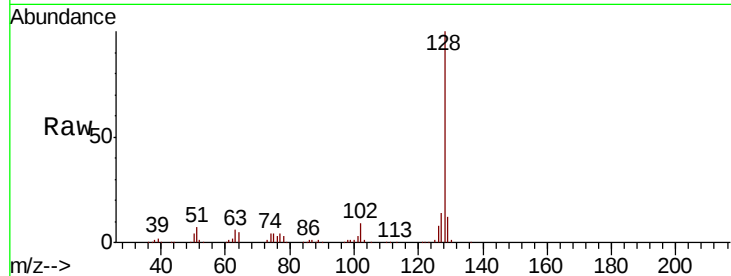
#31
Naphthalene
Concen: 34.429 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.0	13.6	
127	14.2	11.0	16.4	

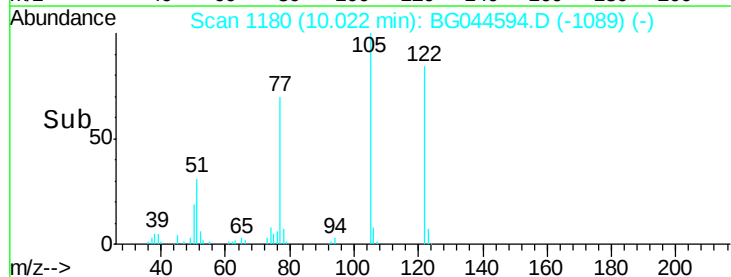
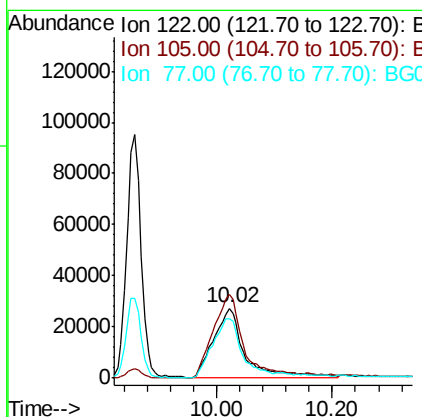
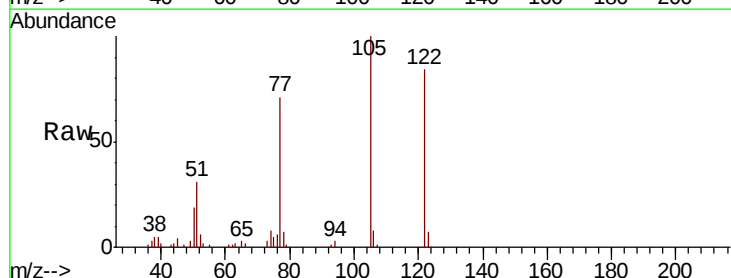
Manual Integrations
APPROVED

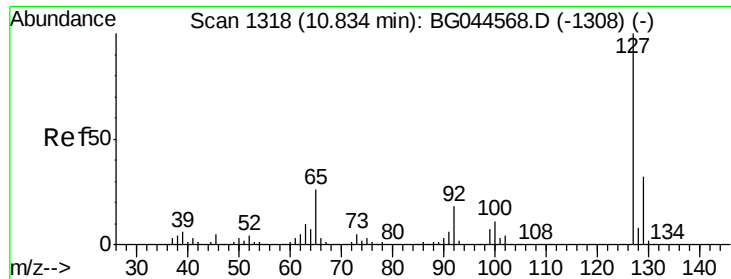
mohammad
2/27/2020 5:03:16 PM



#32
Benzoic acid
Concen: 57.862 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	119.1	101.4	141.4	
77	84.4	69.8	109.8	





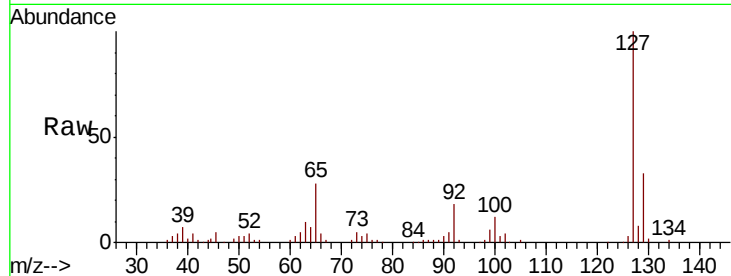
#33
4-Chloroaniline
Concen: 16.073 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	27.7	20.7	31.1
92	17.8	14.2	21.2

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



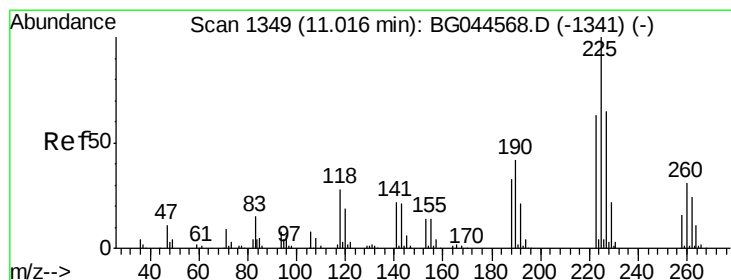
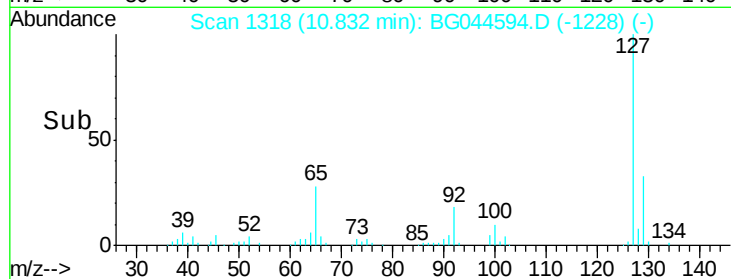
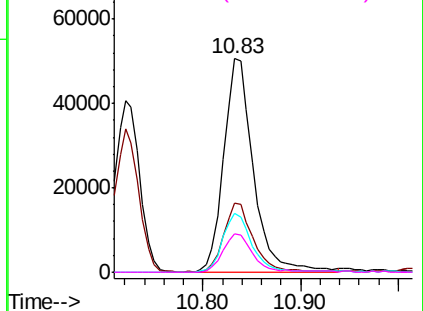
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

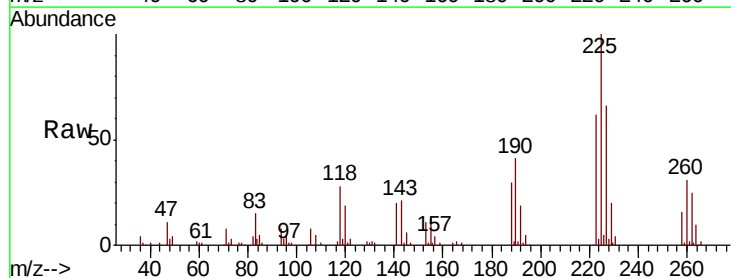
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 31.362 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	65.7	52.1	78.1

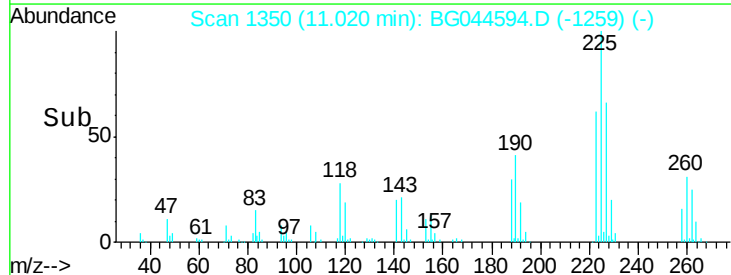
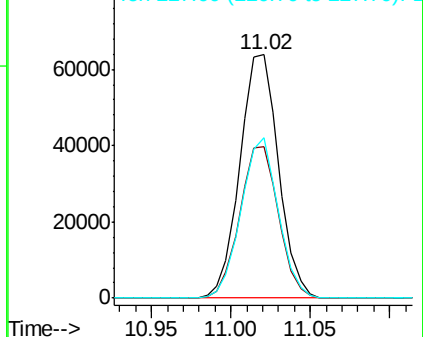


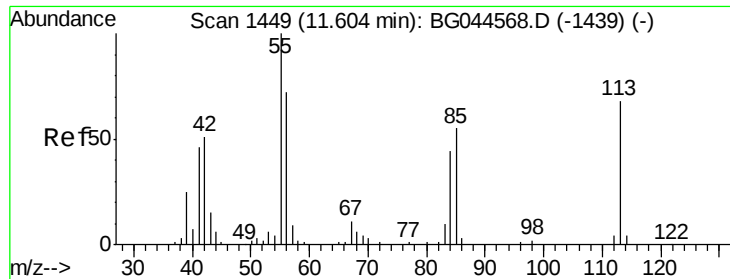
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





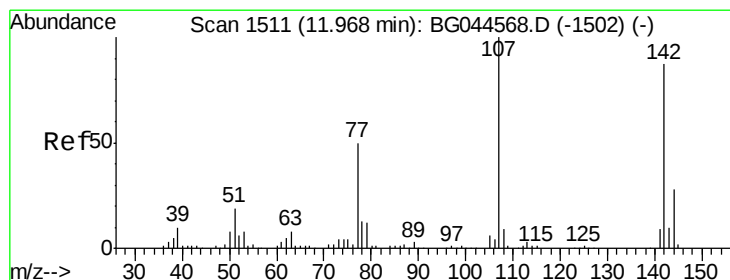
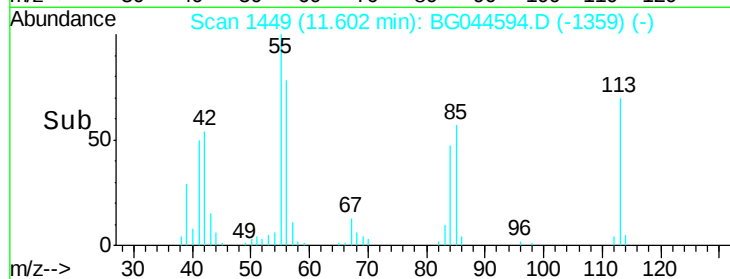
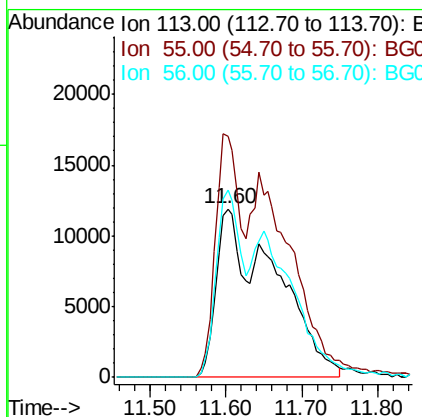
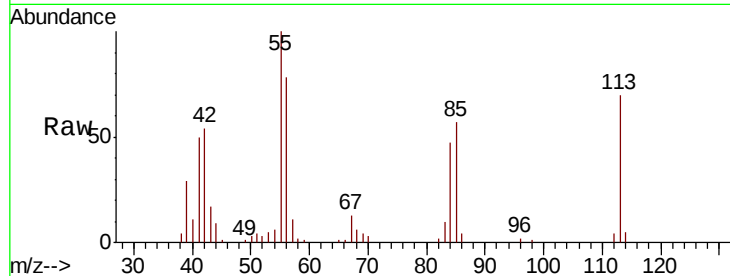
#35
 Caprolactam
 Concen: 37.722 ng/ml
 RT: 11.60 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampleID :
 PB127049BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.3	127.8	167.8
56	111.3	86.9	126.9

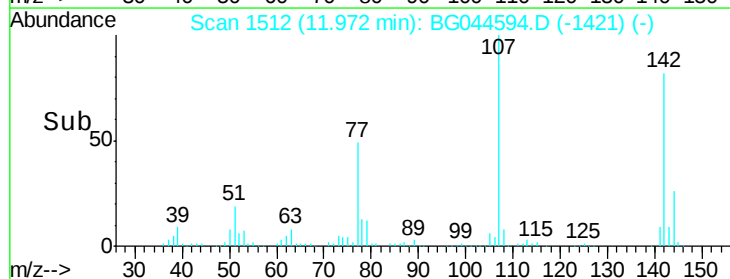
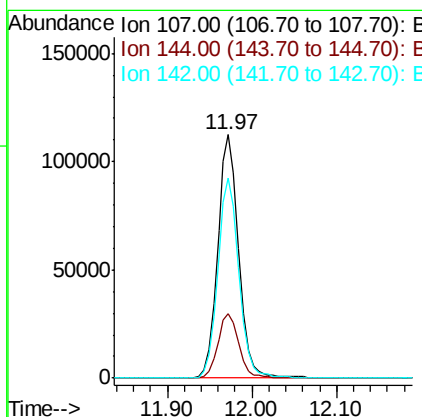
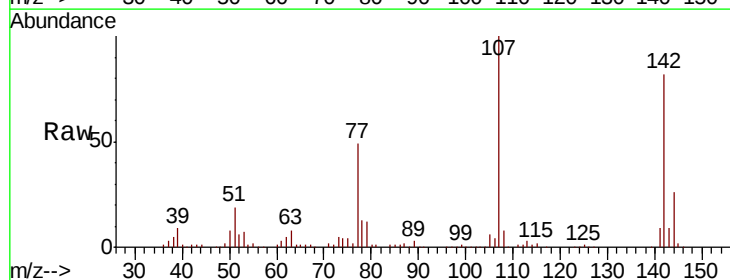
Manual Integrations
 APPROVED

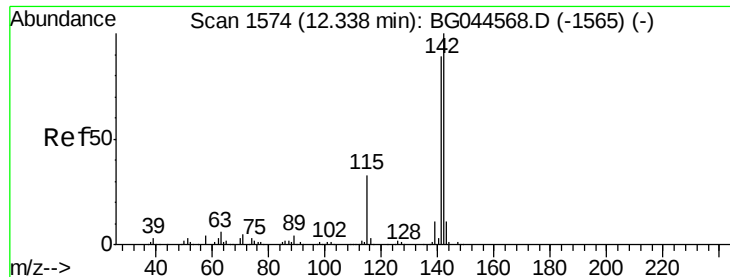
mohammad
 2/27/2020 5:03:16 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.798 ng/ml
 RT: 11.97 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	22.3	33.5
142	82.4	69.3	103.9





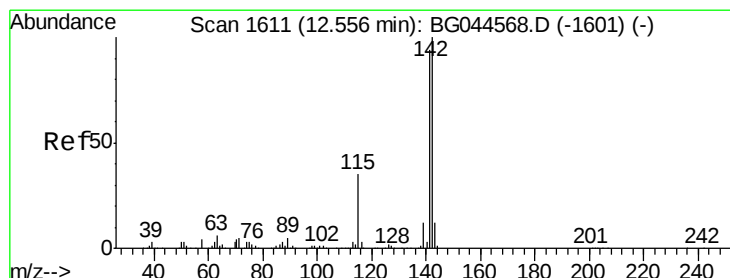
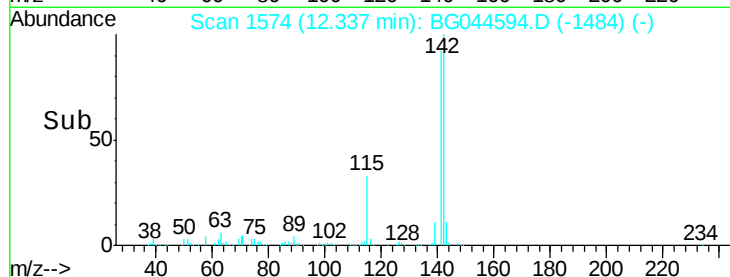
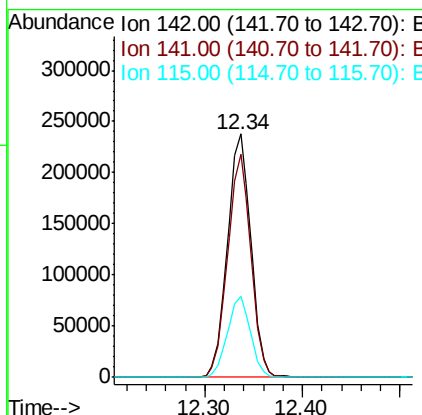
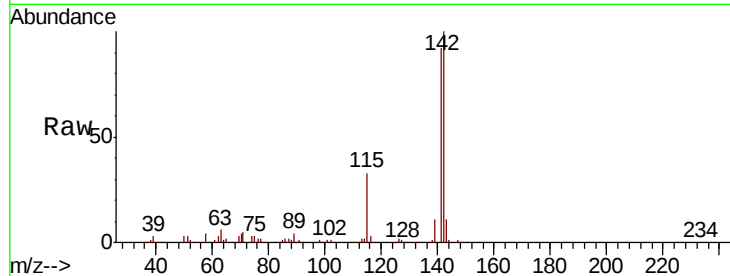
#37
2-Methylnaphthalene
Concen: 35.531 ng
RT: 12.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.3	106.9
115	33.1	26.2	39.2

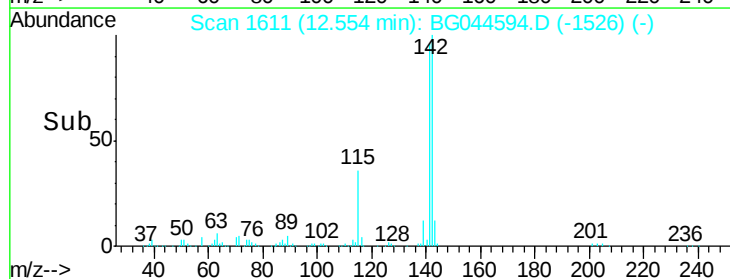
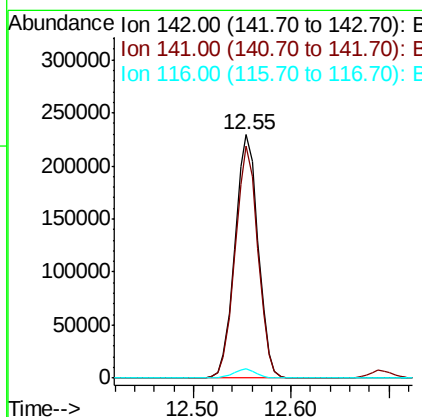
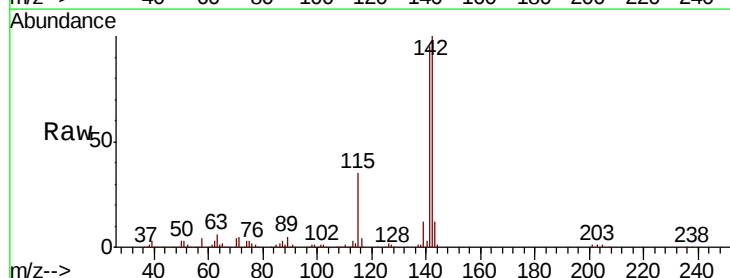
Manual Integrations
APPROVED

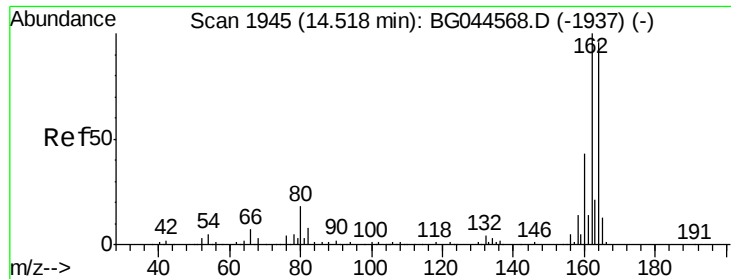
mohammad
2/27/2020 5:03:16 PM



#38
1-Methylnaphthalene
Concen: 35.575 ng
RT: 12.55 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	75.1	112.7
116	3.7	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

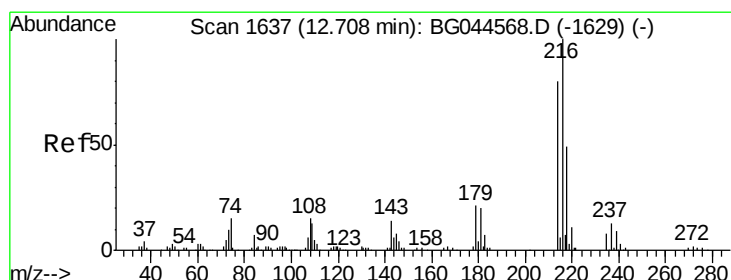
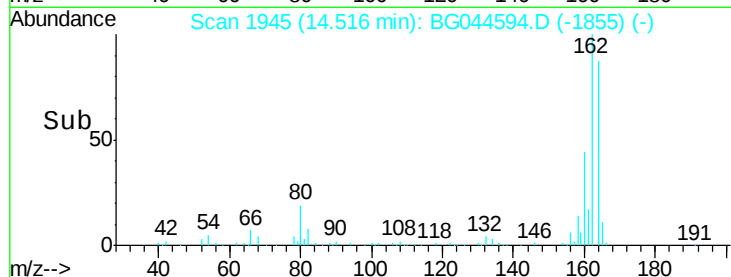
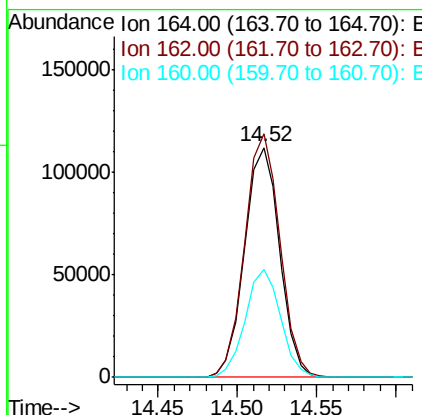
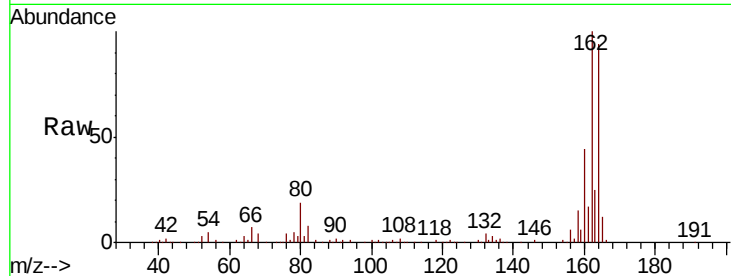
ClientSampleId :

PB127049BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.6	125.4
160	46.8	36.2	54.4

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.838 ng

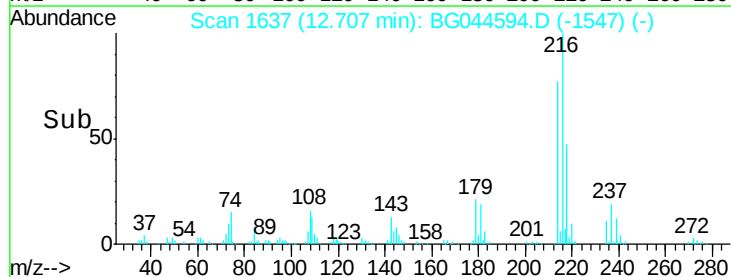
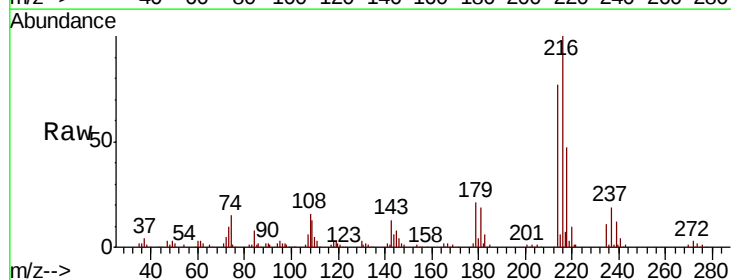
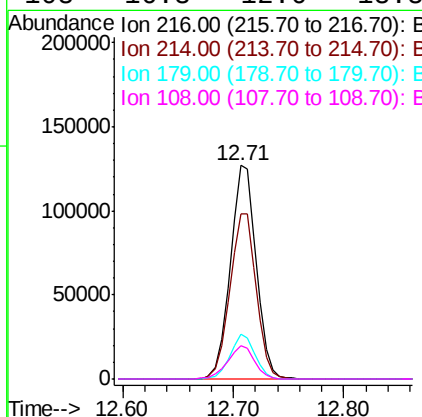
RT: 12.71 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.3	94.9
179	20.2	16.2	24.2
108	16.3	12.6	18.8





#41

Hexachlorocyclopentadiene

Concen: 41.059 ng

RT: 12.69 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

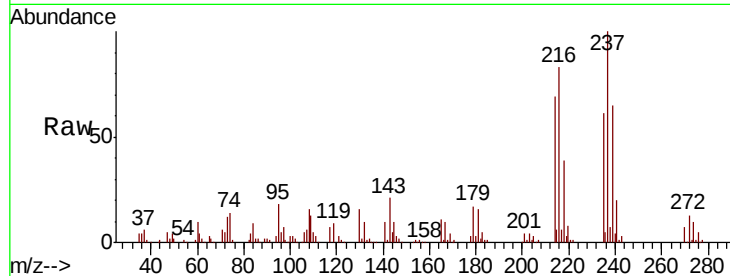
ClientSampleId :

PB127049BS

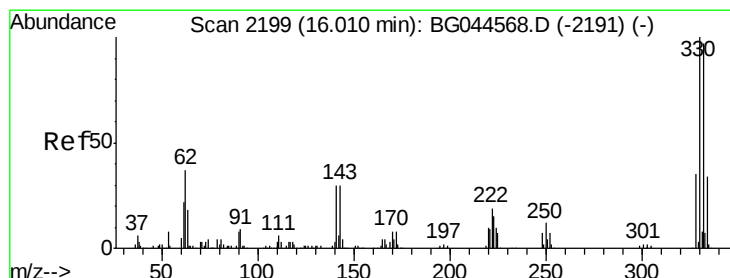
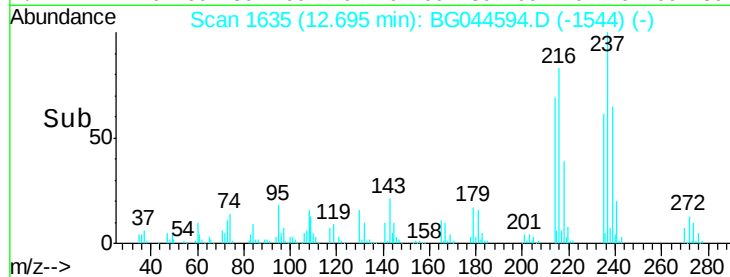
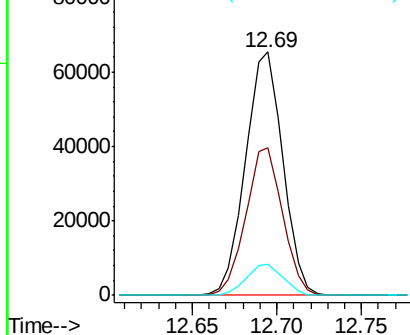
Tot Ion:	237	Resp:	100528
Ion Ratio	Lower	Upper	
237	100		
235	60.7	40.7	80.7
272	12.9	0.0	32.7

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



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



#42

2,4,6-Tribromophenol

Concen: 117.875 ng

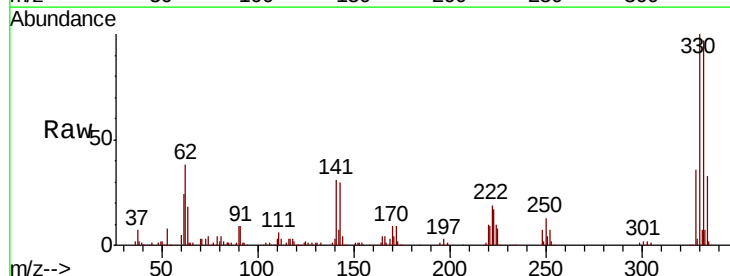
RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

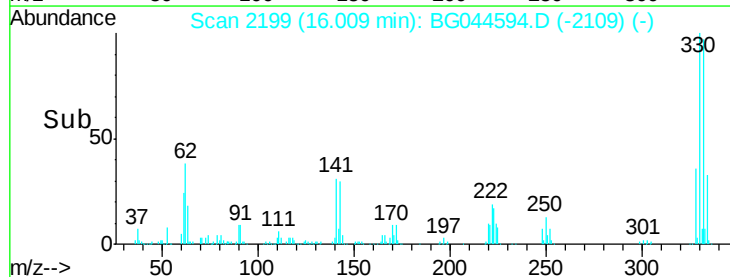
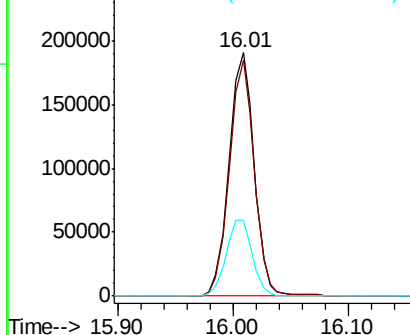
Lab File: BG044594.D

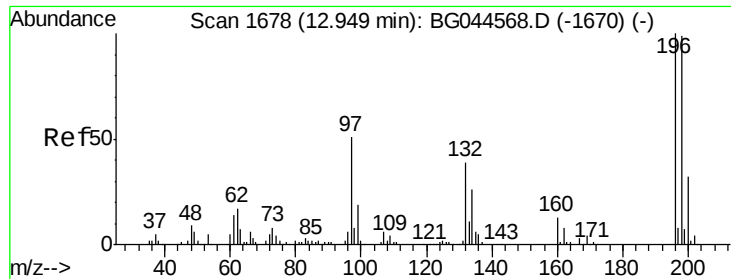
Acq: 26 Feb 2020 2:32

Tgt Ion:	330	Resp:	287896
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.4	116.0
141	32.5	26.1	39.1



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





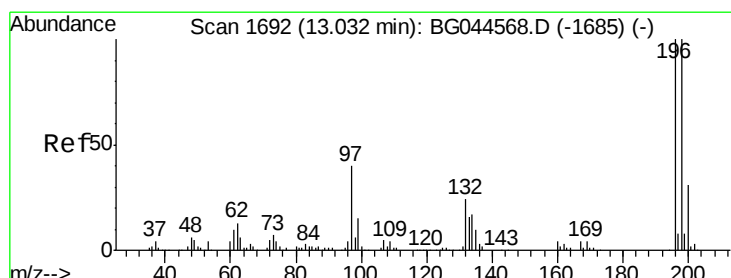
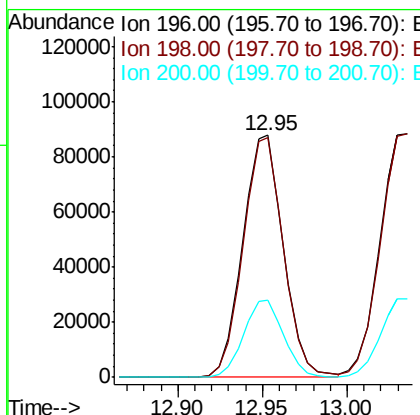
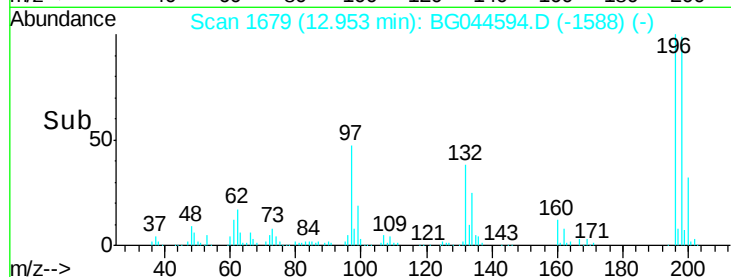
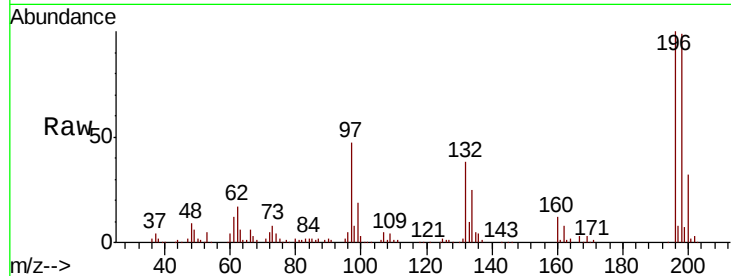
#43
 2,4,6-Trichlorophenol
 Concen: 38.892 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127049BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	146439		
198	99.1	79.2	118.8	
200	31.7	25.7	38.5	

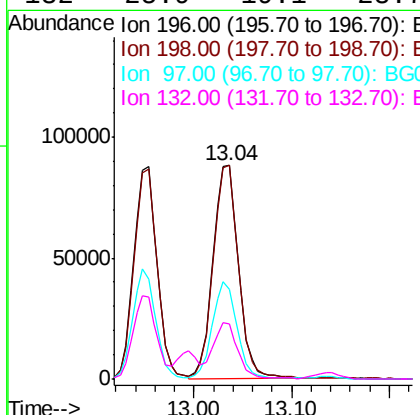
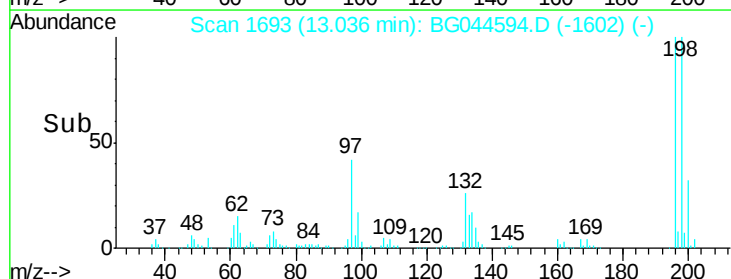
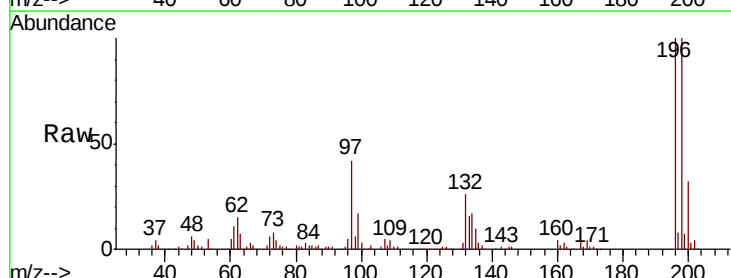
Manual Integrations
 APPROVED

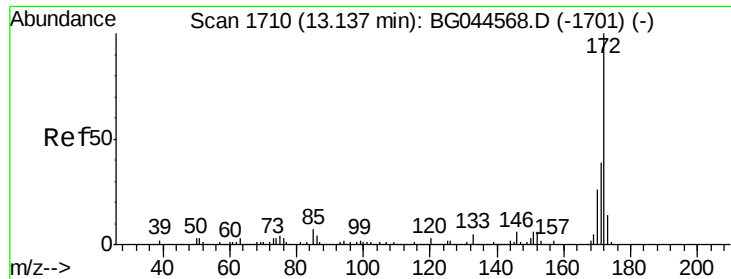
mohammad
 2/27/2020 5:03:16 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.318 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159811		
198	100.1	79.3	118.9	
97	42.1	32.3	48.5	
132	25.9	19.1	28.7	





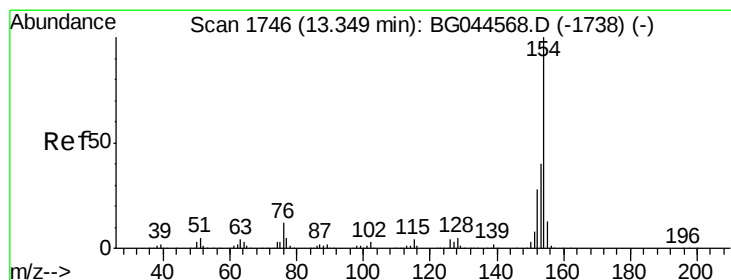
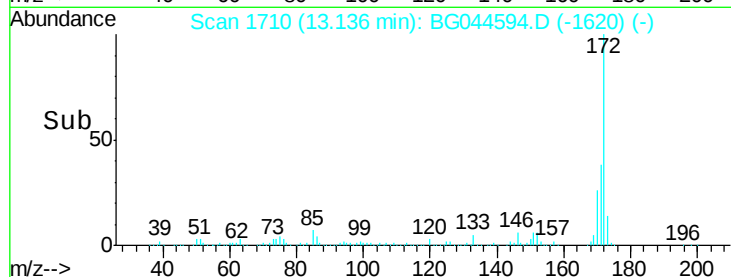
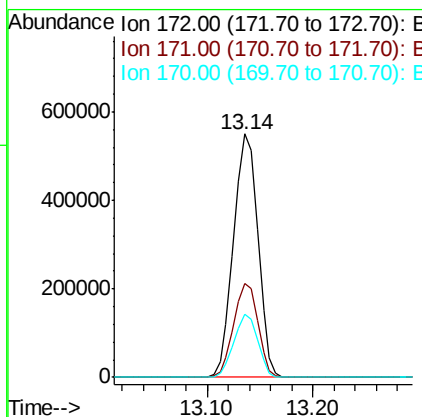
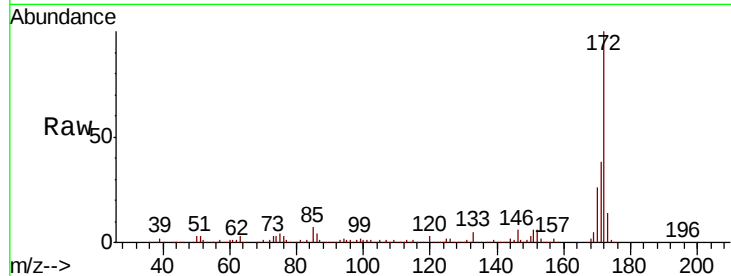
#45
2-Fluorobiphenyl
Concen: 73.015 ng
RT: 13.14 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.8	21.0	31.4

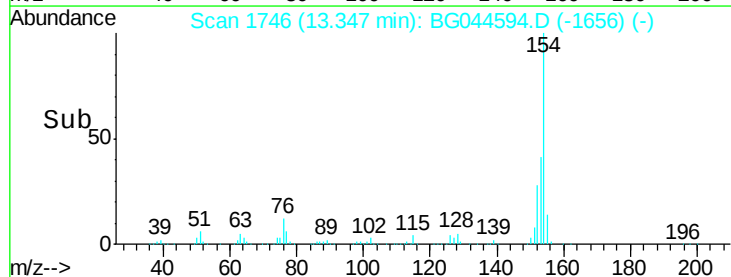
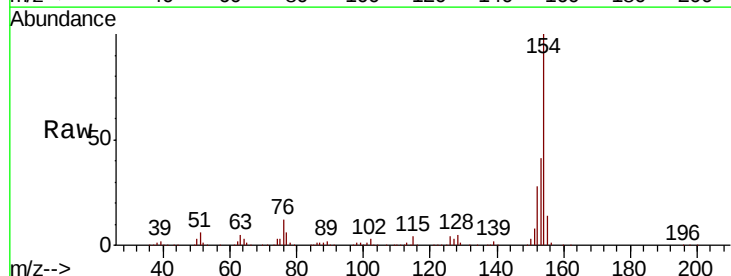
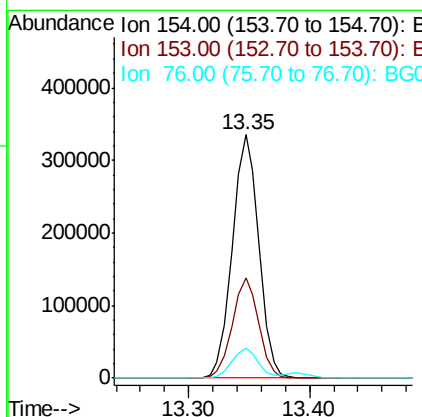
Manual Integrations
APPROVED

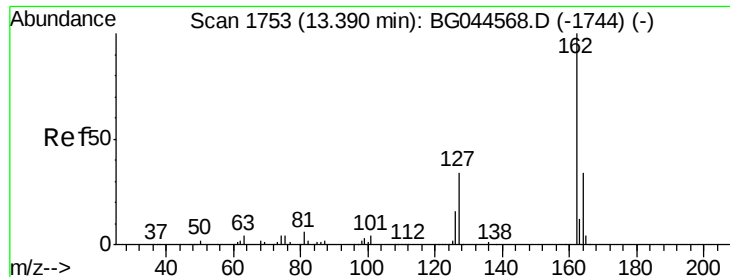
mohammad
2/27/2020 5:03:16 PM



#46
1,1'-Biphenyl
Concen: 35.812 ng
RT: 13.35 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.2	60.2
76	12.1	0.0	31.8





#47

2-Chloronaphthalene

Concen: 35.701 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

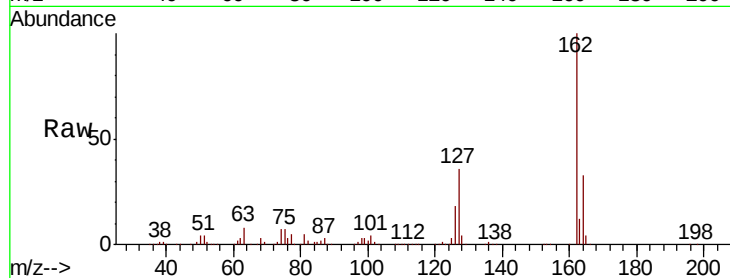
ClientSampleId :

PB127049BS

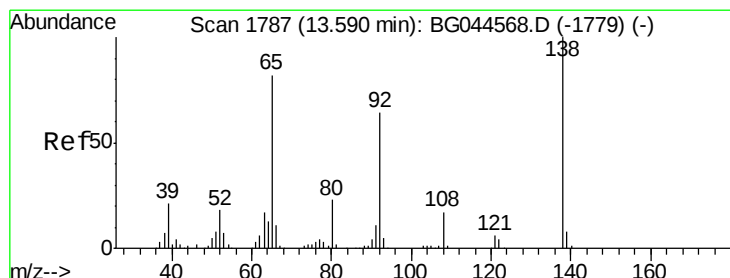
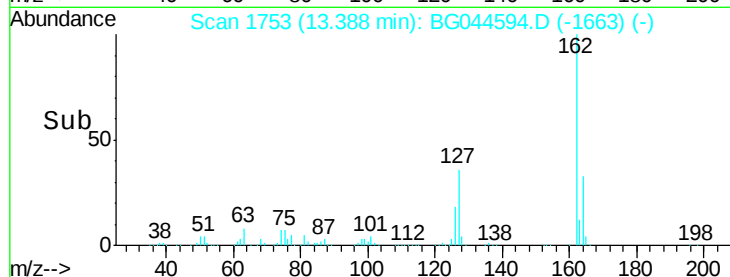
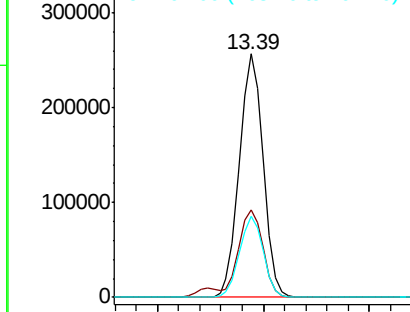
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		399061		
127	35.9	28.7	43.1		
164	33.2	27.3	40.9		

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.713 ng

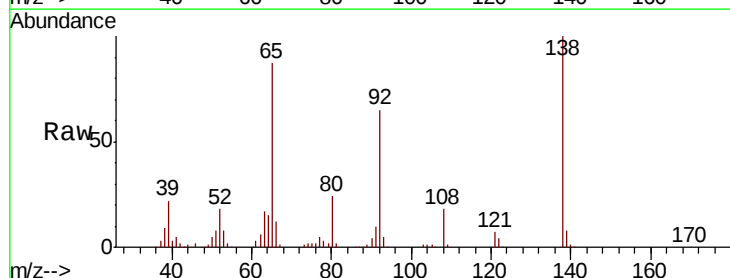
RT: 13.59 min Scan# 1787

Delta R.T. -0.00 min

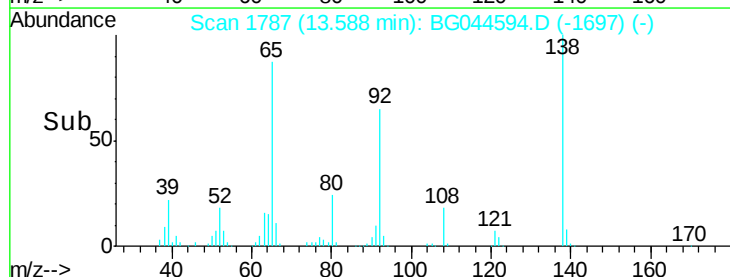
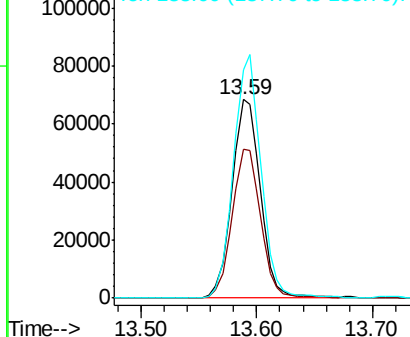
Lab File: BG044594.D

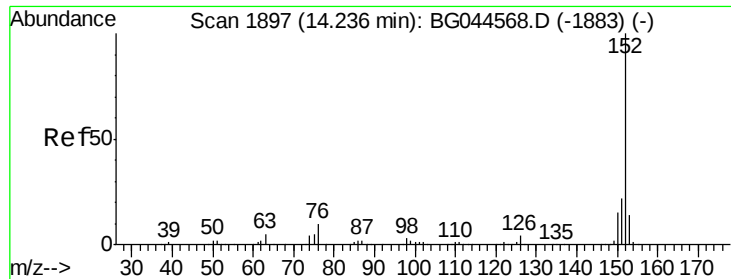
Acq: 26 Feb 2020 2:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		117016		
92	74.8	62.2	93.2		
138	115.1	97.6	146.4		



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.800 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

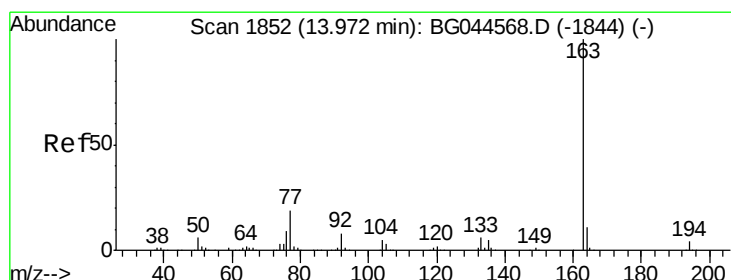
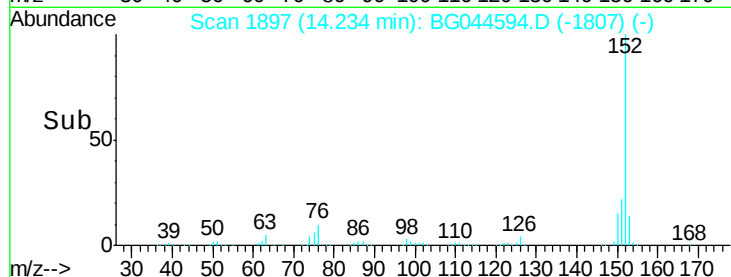
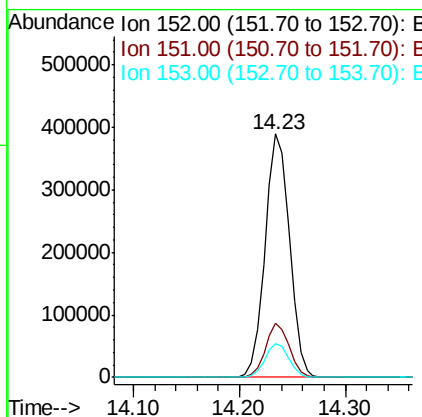
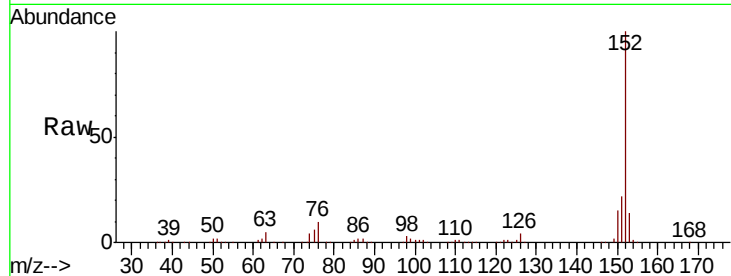
ClientSampleId :

PB127049BS

Tot Ion:	152	Resp:	623697
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.7	26.5
153	14.0	11.3	16.9

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



#50

Dimethylphthalate

Concen: 37.813 ng

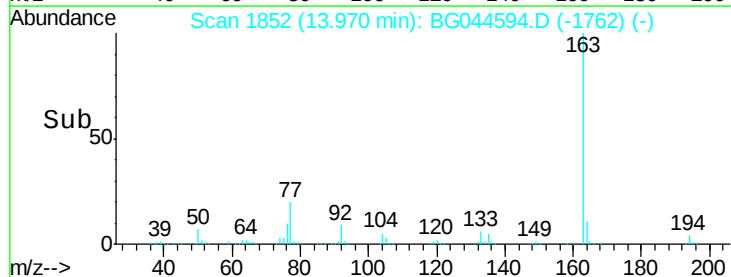
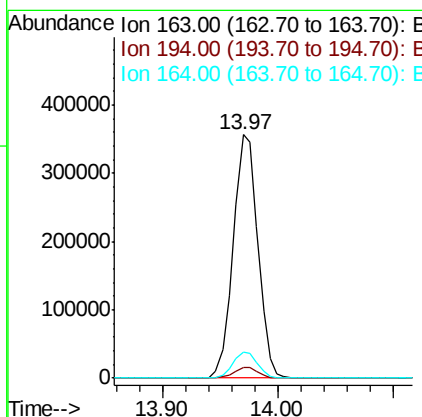
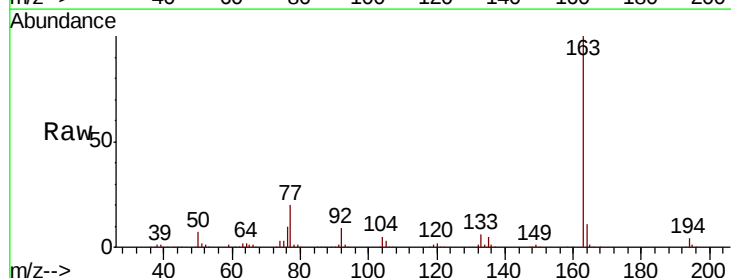
RT: 13.97 min Scan# 1852

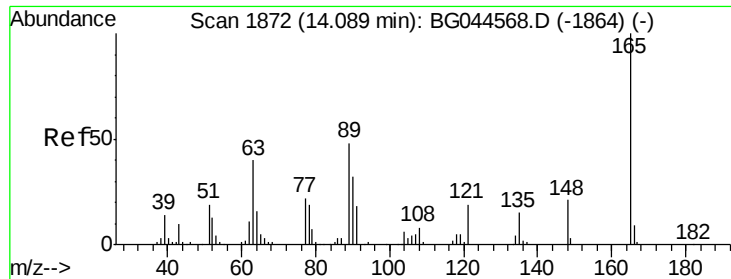
Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:	163	Resp:	525704
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.0
164	10.6	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 39.091 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

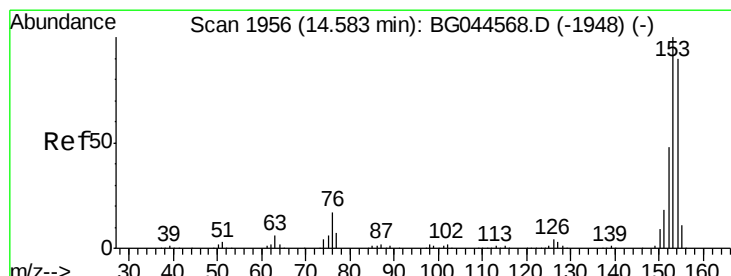
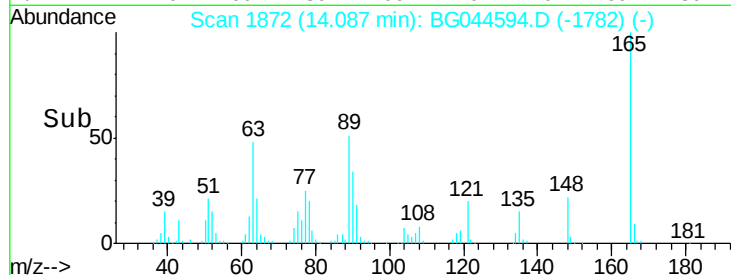
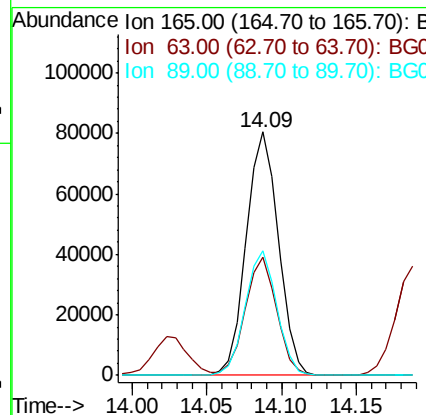
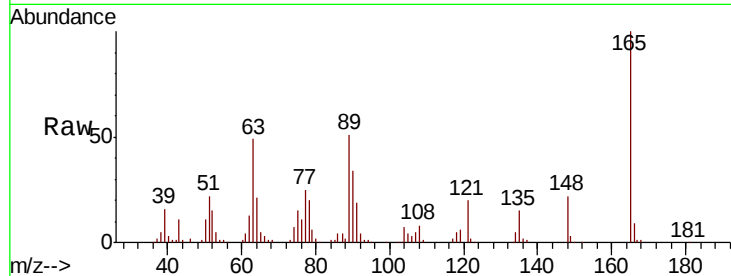
ClientSampled :

PB127049BS

Tot Ion:	165	Resp:	119861
Ion Ratio	Lower	Upper	
165	100		
63	48.6	35.8	53.6
89	51.1	38.7	58.1

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



#52

Acenaphthene

Concen: 36.984 ng

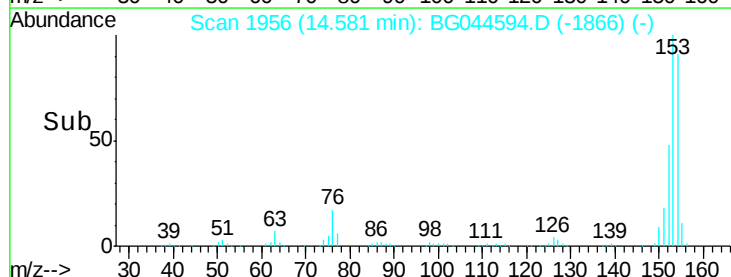
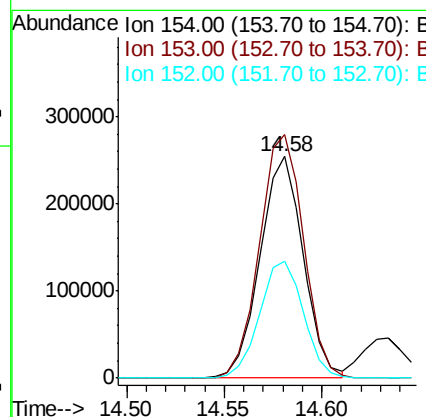
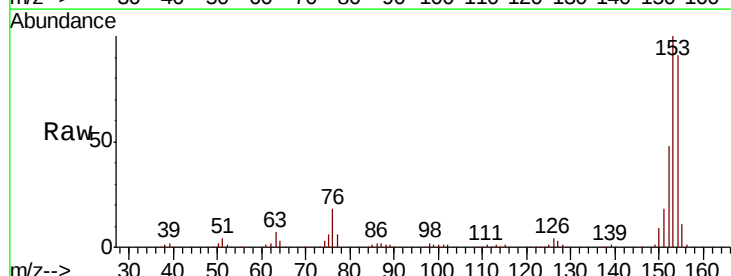
RT: 14.58 min Scan# 1956

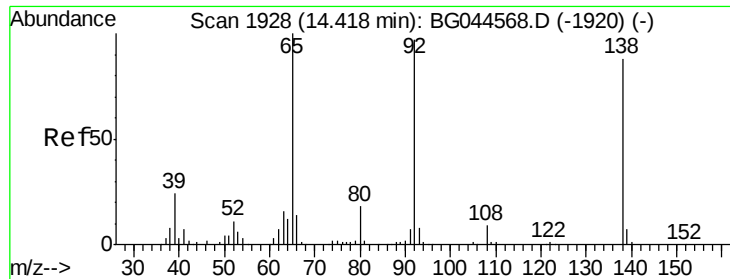
Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:	154	Resp:	388996
Ion Ratio	Lower	Upper	
154	100		
153	109.9	89.4	134.0
152	52.8	43.0	64.4





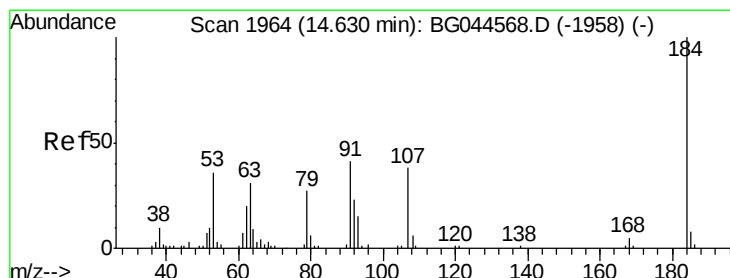
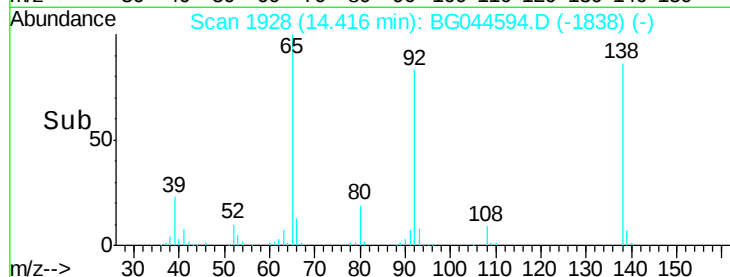
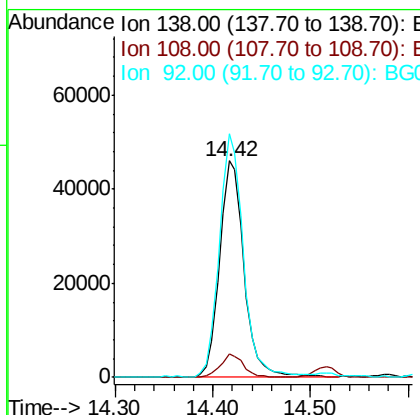
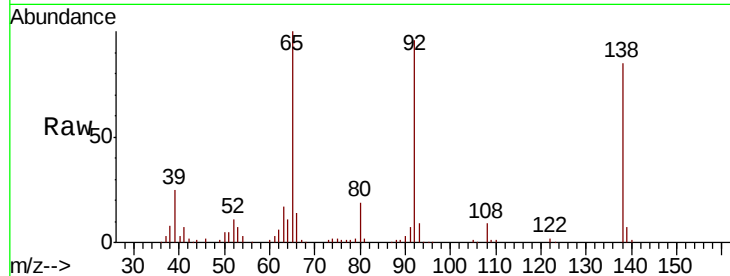
#53
3-Nitroaniline
Concen: 24.206 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.9	11.9
92	112.5	87.4	131.2

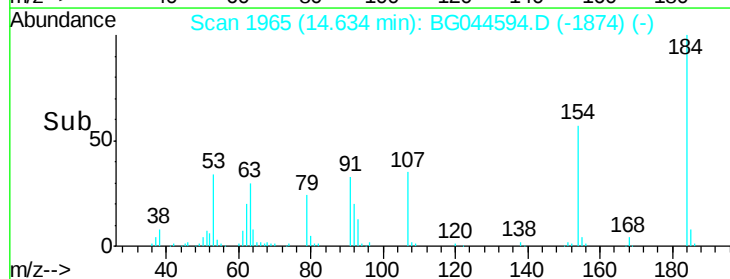
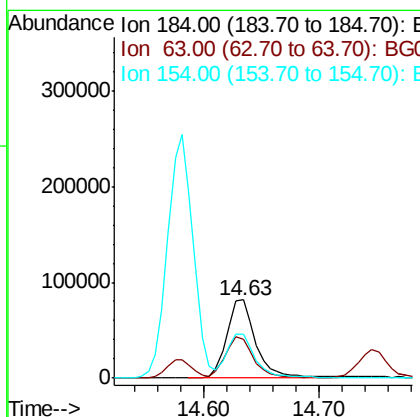
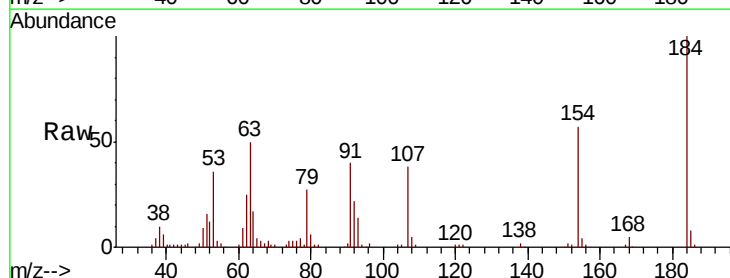
Manual Integrations
APPROVED

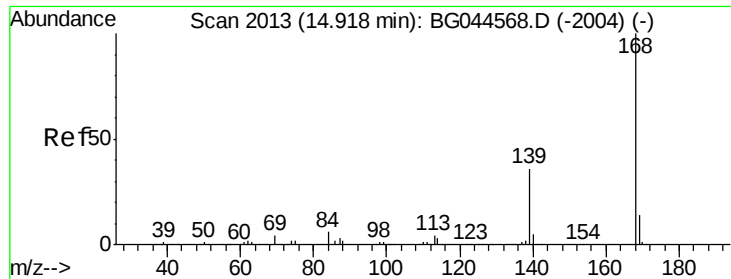
mohammad
2/27/2020 5:03:16 PM



#54
2,4-Dinitrophenol
Concen: 78.136 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.8	42.1	63.1
154	56.8	43.4	65.2





#55

Dibenzofuran

Concen: 38.630 ng

RT: 14.92 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

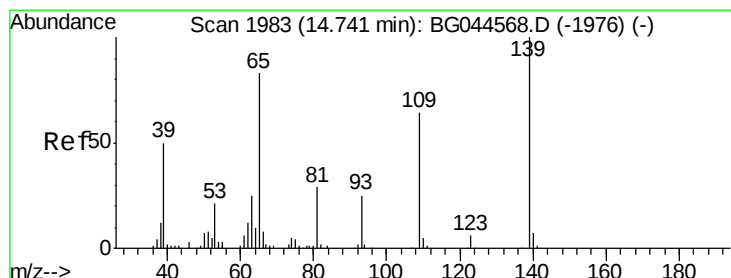
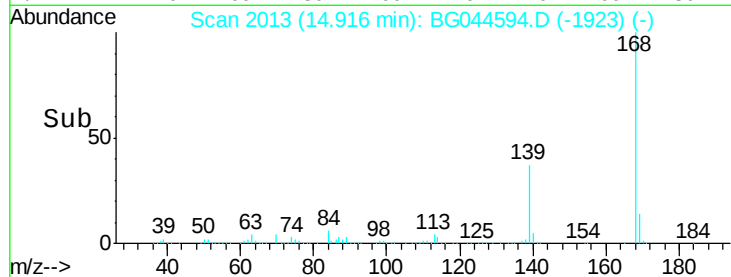
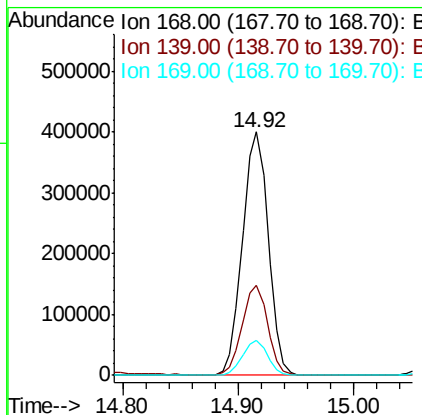
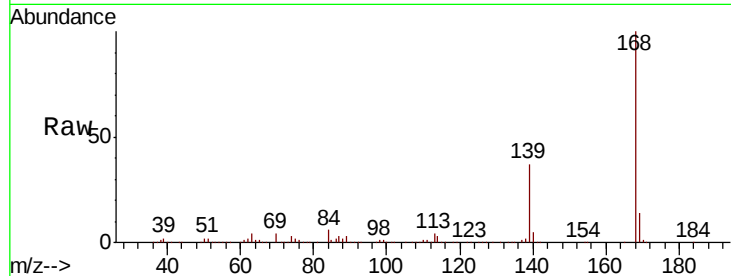
ClientSampleId :

PB127049BS

Tot Ion:	168	Resp:	622893
Ion Ratio	Lower	Upper	
168	100		
139	36.8	29.2	43.8
169	14.1	11.0	16.6

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



#56

4-Nitrophenol

Concen: 93.619 ng

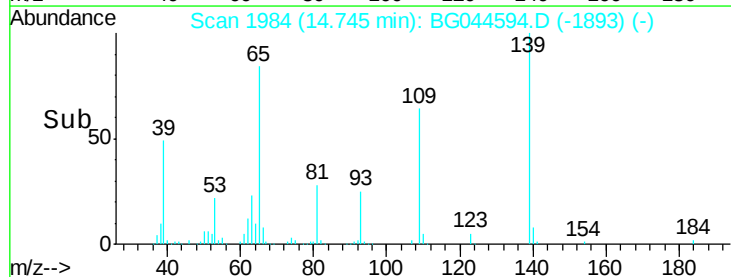
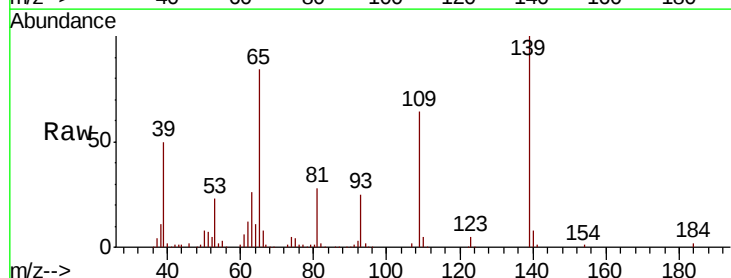
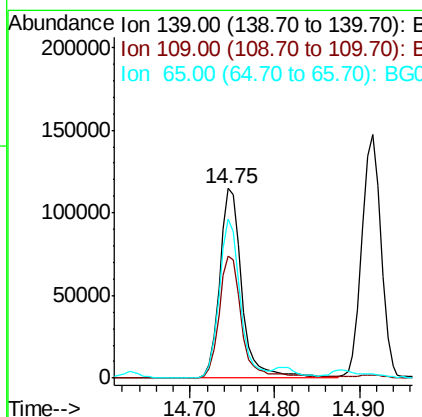
RT: 14.75 min Scan# 1984

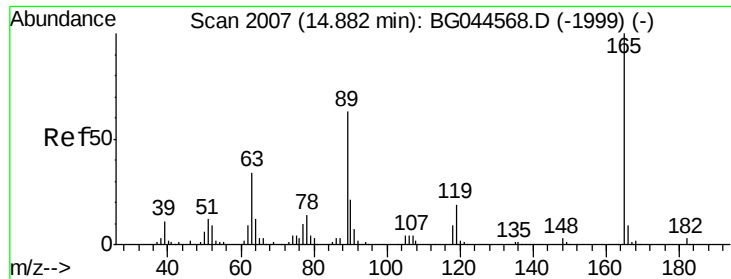
Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:	139	Resp:	212954
Ion Ratio	Lower	Upper	
139	100		
109	64.5	43.8	83.8
65	84.2	63.6	103.6





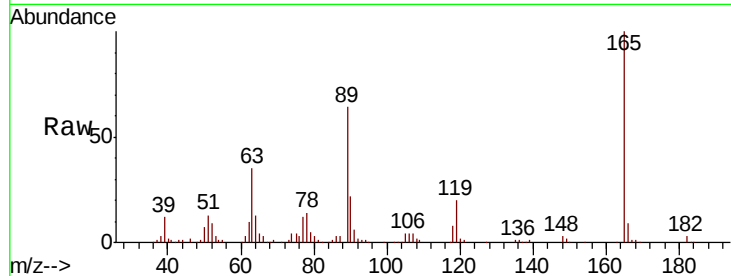
#57
 2,4-Dinitrotoluene
 Concen: 39.737 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127049BS

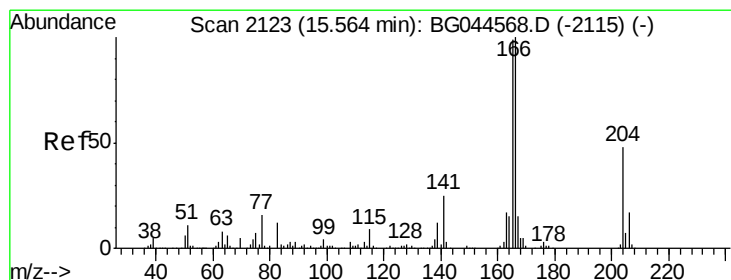
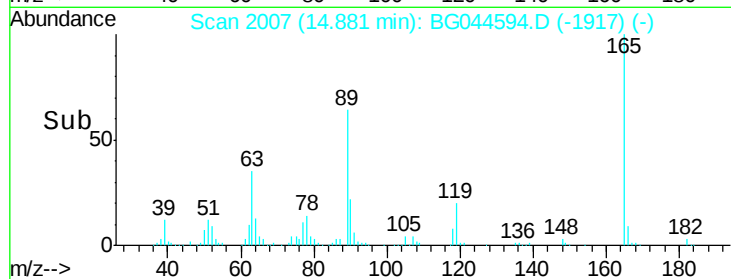
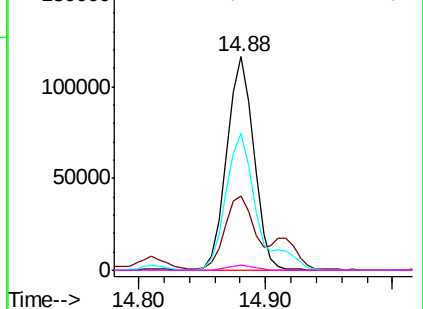
Tot Ion	Ratio	Resp	Lower	Upper
165	100	171303		
63	35.0	27.5	41.3	
89	64.0	50.0	75.0	
182	2.6	2.3	3.5	

Manual Integrations
 APPROVED

mohammad
 2/27/2020 5:03:16 PM

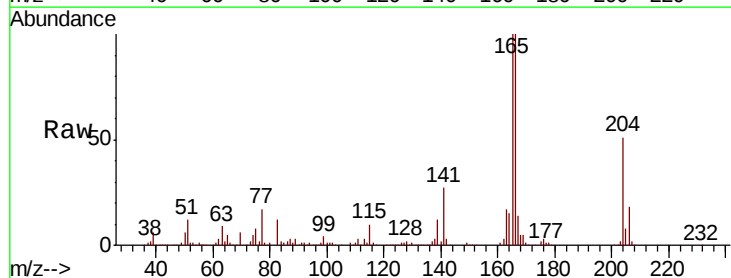


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

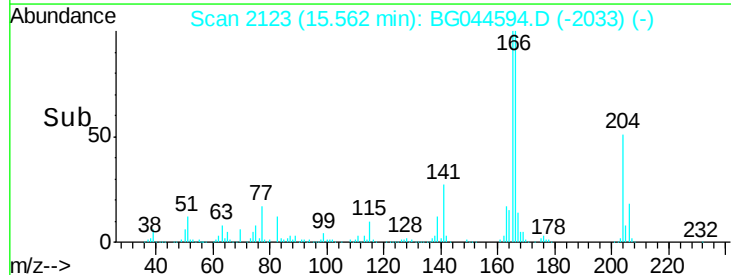
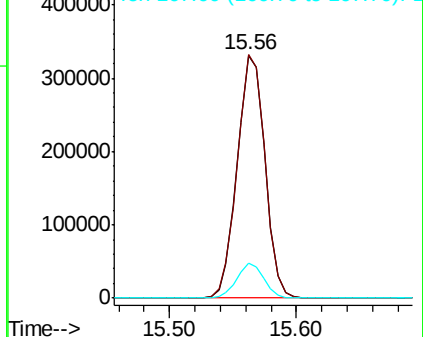


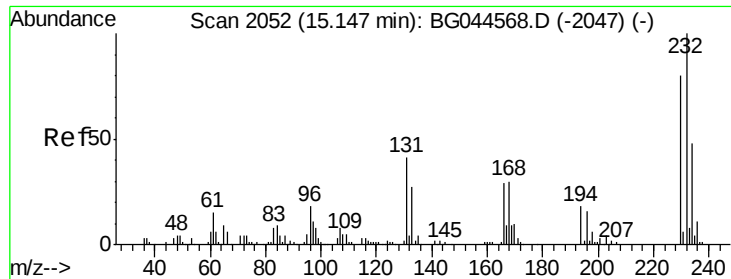
#58
 Fluorene
 Concen: 39.162 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	500682		
165	100.4	79.2	118.8	
167	14.5	11.7	17.5	



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





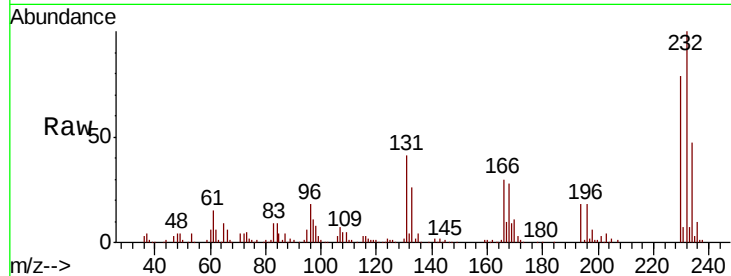
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.475 ng
 RT: 15.15 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampled :
 PB127049BS

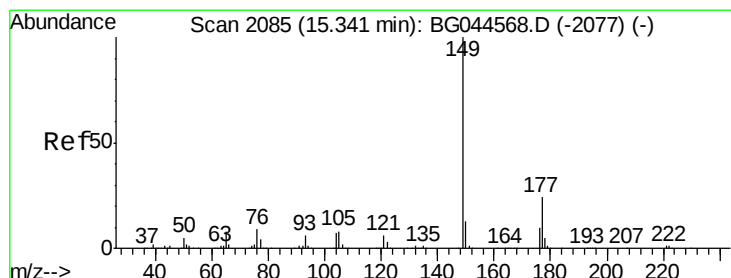
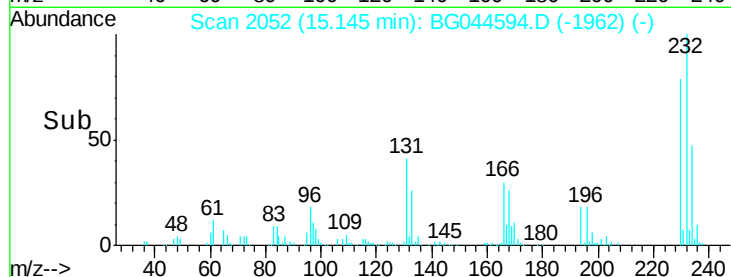
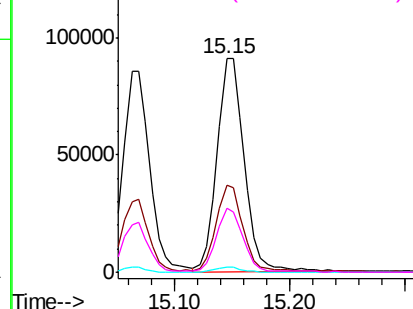
Tot Ion	Ratio	Resp	Lower	Upper
232	100	147726		
131	40.6	31.8	47.6	
130	2.3	1.8	2.6	
166	29.6	22.7	34.1	

Manual Integrations
 APPROVED

mohammad
 2/27/2020 5:03:16 PM

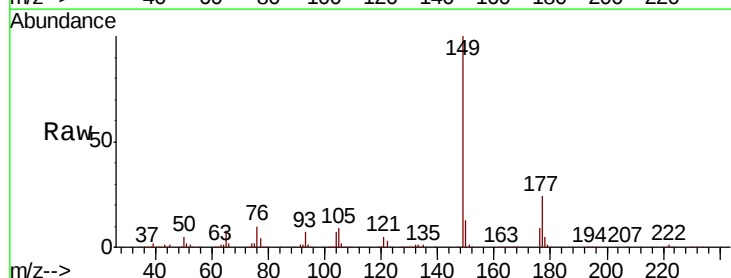


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

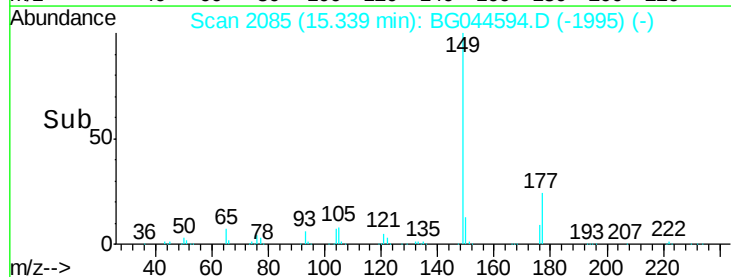
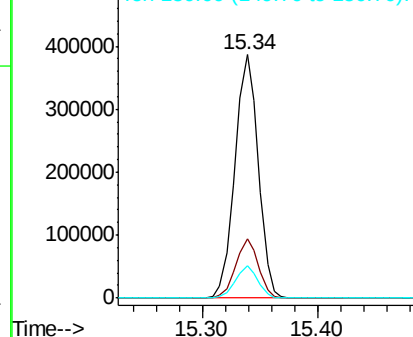


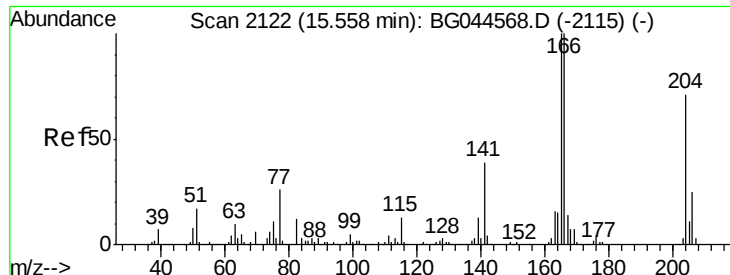
#60
 Diethylphthalate
 Concen: 39.104 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	538681		
177	24.1	19.2	28.8	
150	13.2	10.2	15.4	



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





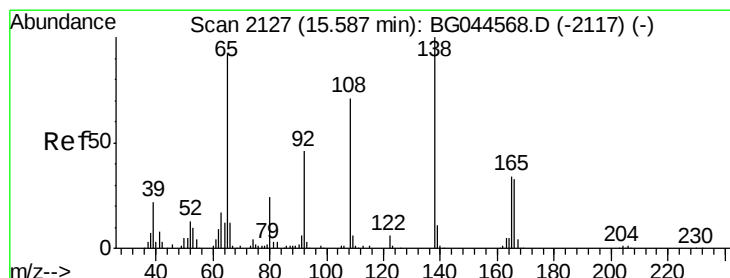
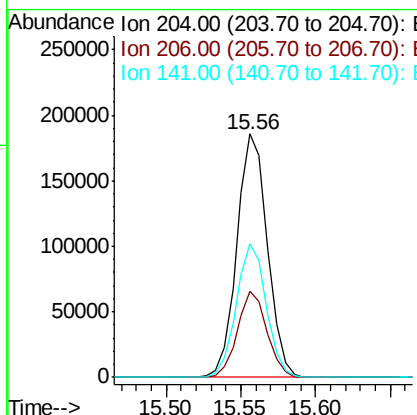
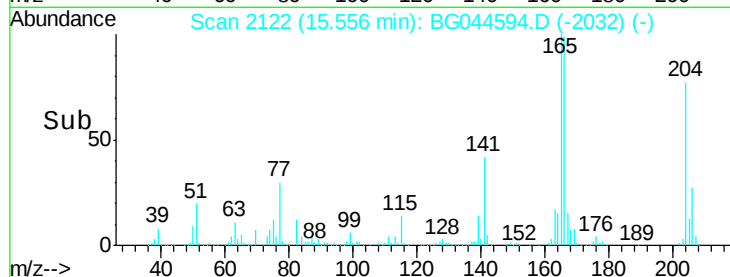
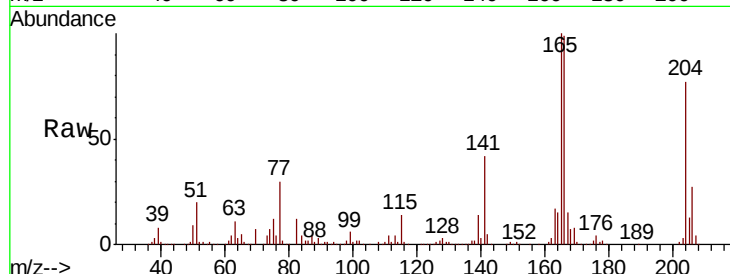
#61
 4-Chlorophenyl-phenylether
 Concen: 37.732 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampleID :
 PB127049BS

Tot Ion:	204	Resp:	262292
Ion Ratio	Lower	Upper	
204	100		
206	35.4	27.8	41.8
141	54.9	43.8	65.8

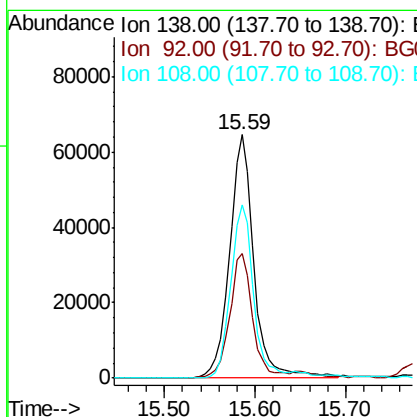
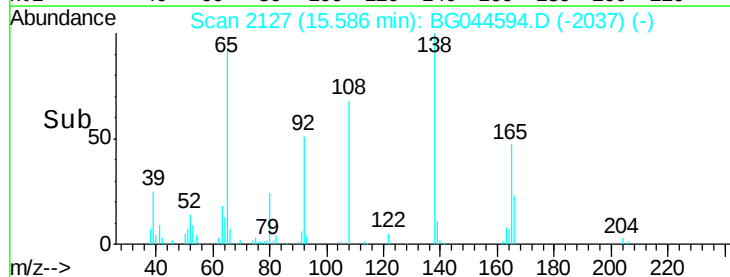
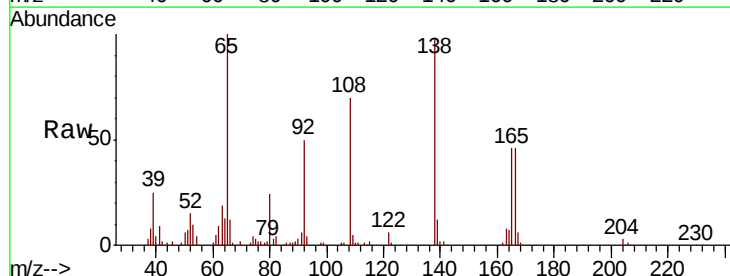
Manual Integrations
 APPROVED

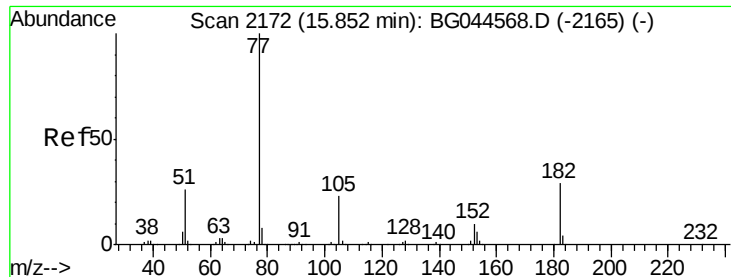
mohammad
 2/27/2020 5:03:16 PM



#62
 4-Nitroaniline
 Concen: 36.481 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion:	138	Resp:	120796
Ion Ratio	Lower	Upper	
138	100		
92	51.0	26.4	66.4
108	71.3	50.5	90.5





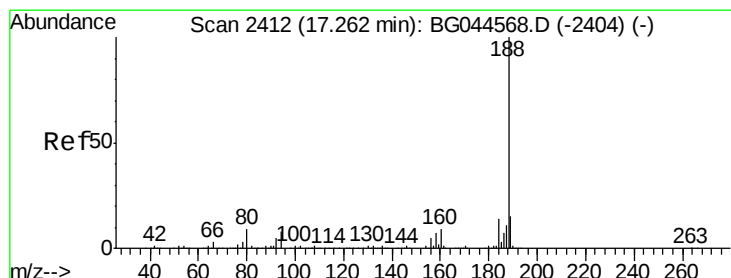
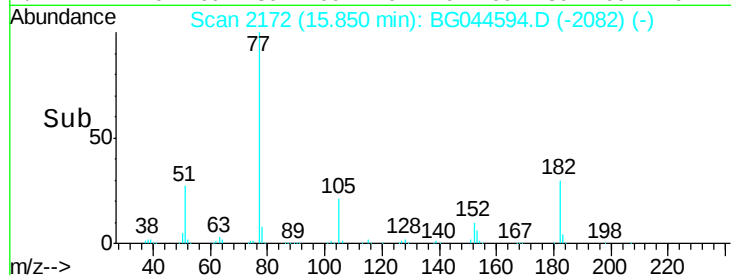
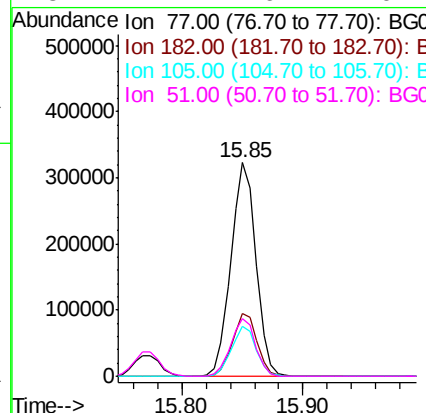
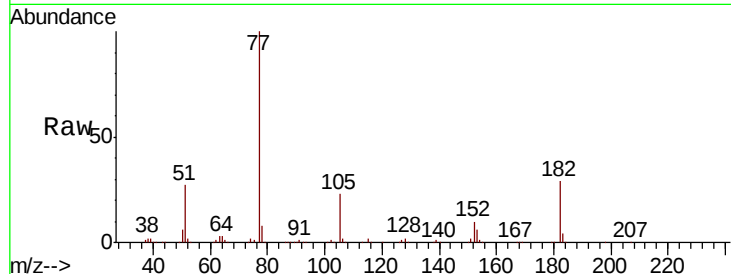
#63
Azobenzene
Concen: 39.444 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.3	9.4	49.4		
105	23.3	3.4	43.4		
51	27.2	6.4	46.4		

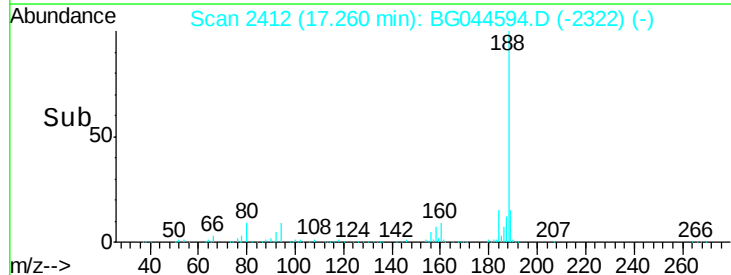
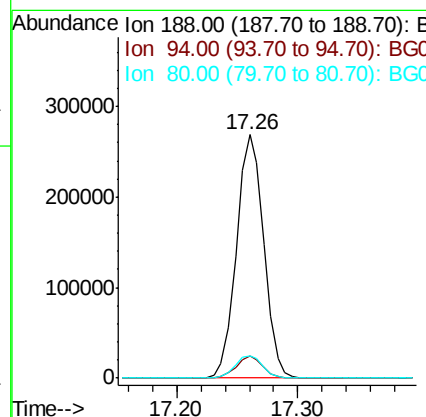
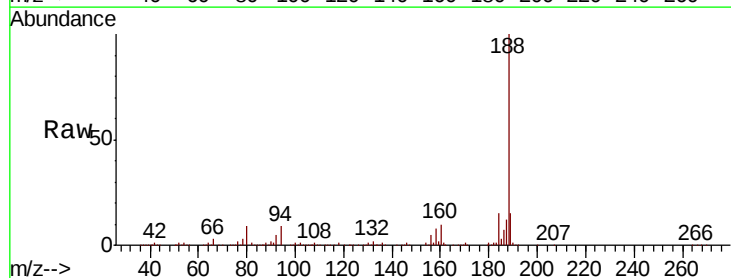
Manual Integrations
APPROVED

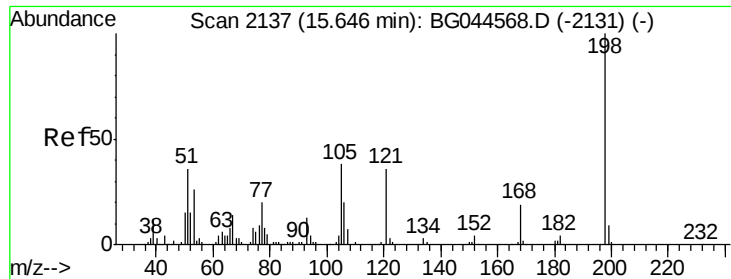
mohammad
2/27/2020 5:03:16 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.1	6.7	10.1		
80	9.3	7.6	11.4		





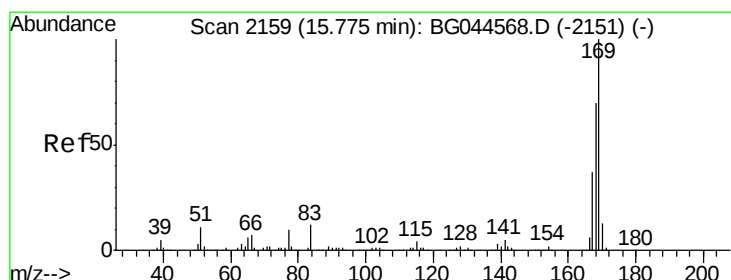
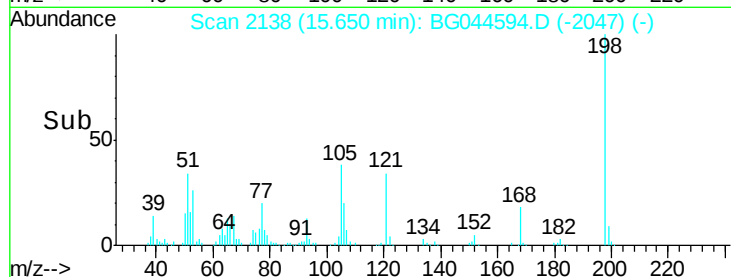
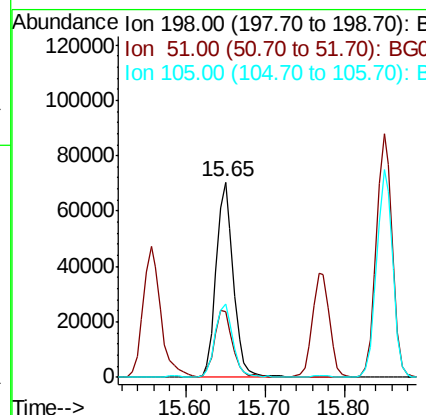
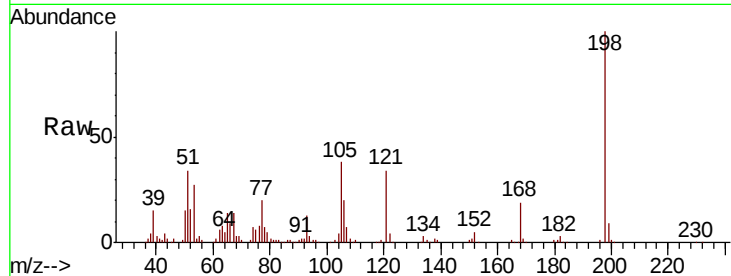
#65
4,6-Dinitro-2-methylphenol
Concen: 41.017 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleID :
PB127049BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	107020		
51	33.5	17.0	57.0	
105	37.9	18.4	58.4	

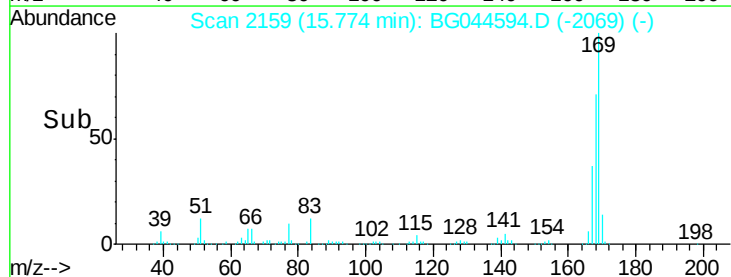
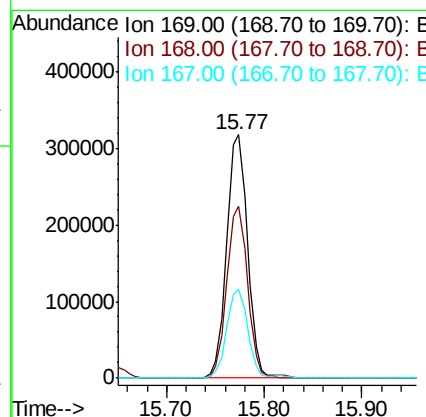
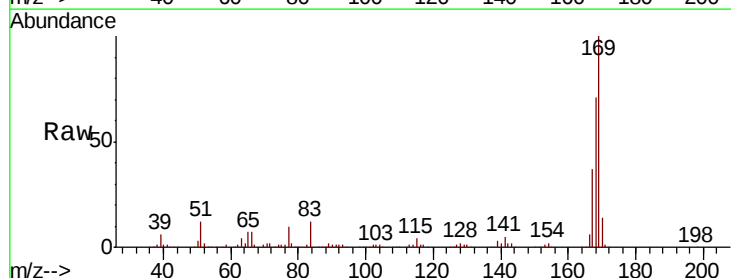
Manual Integrations
APPROVED

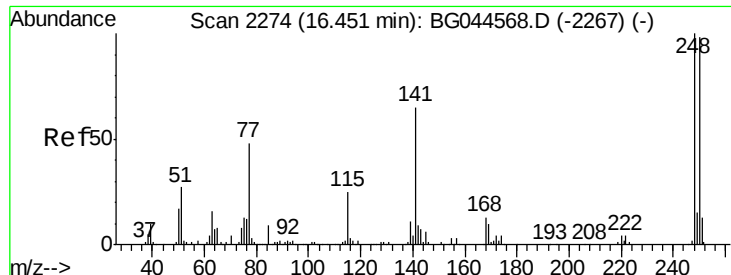
mohammad
2/27/2020 5:03:16 PM



#66
n-Nitrosodiphenylamine
Concen: 35.729 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	469618		
168	70.8	56.1	84.1	
167	36.7	29.4	44.0	





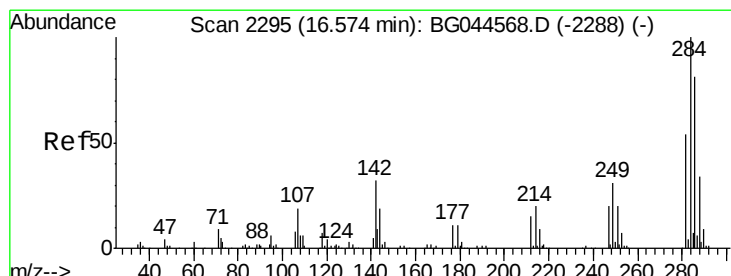
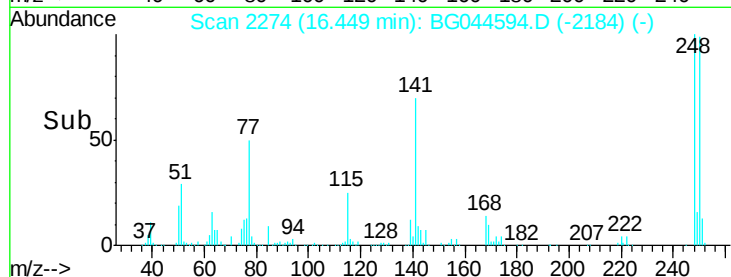
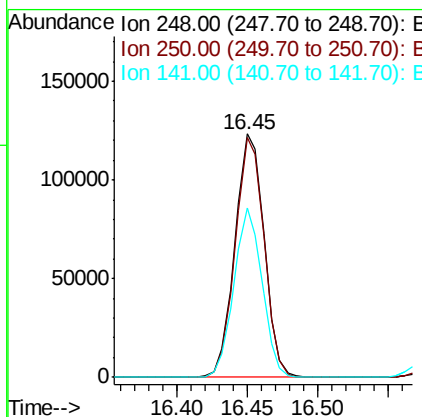
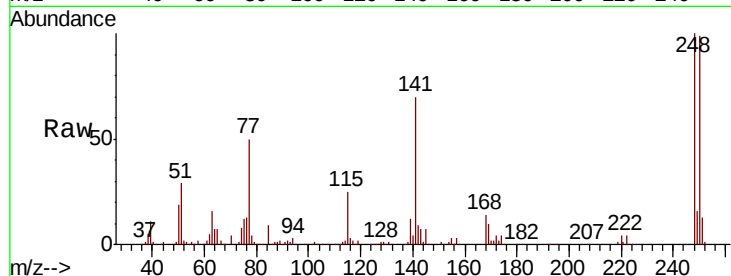
#67
 4-Bromophenyl-phenylether
 Concen: 33.980 ng
 RT: 16.45 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127049BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.7	118.1
141	69.7	52.3	78.5

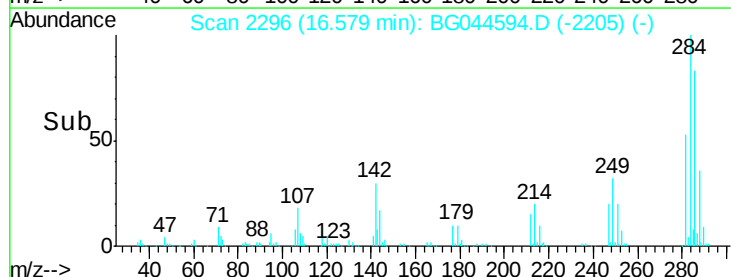
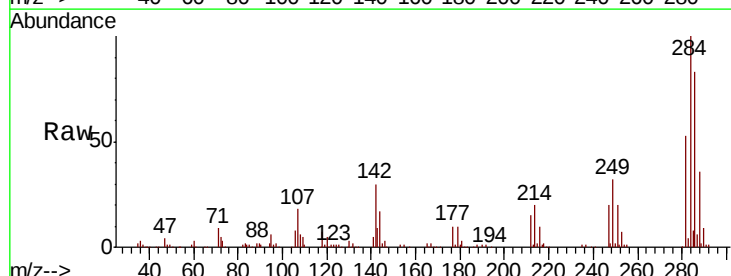
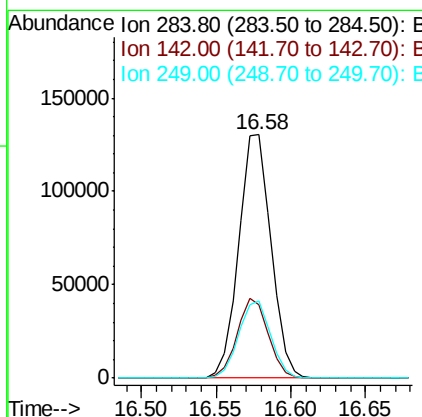
Manual Integrations
 APPROVED

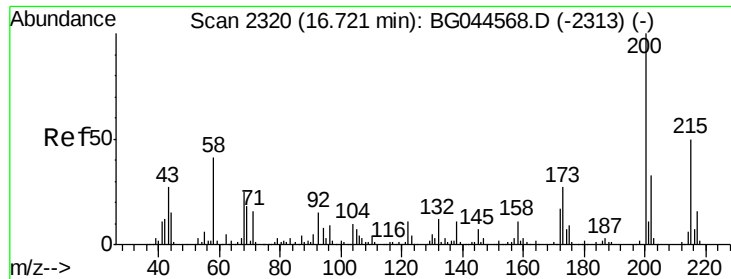
mohammad
 2/27/2020 5:03:16 PM



#68
 Hexachlorobenzene
 Concen: 33.029 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	25.6	38.4
249	31.5	24.6	36.8





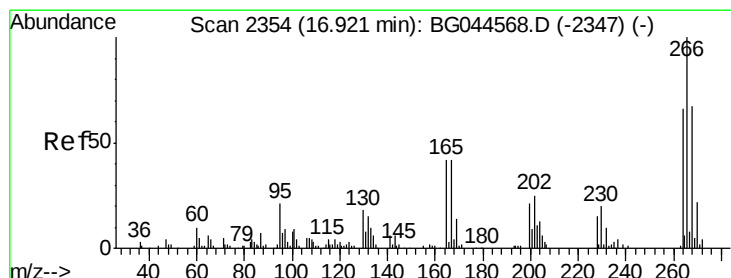
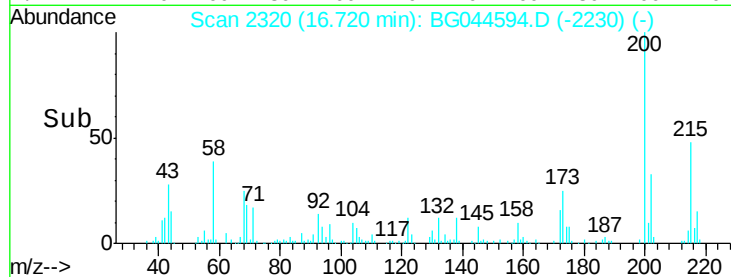
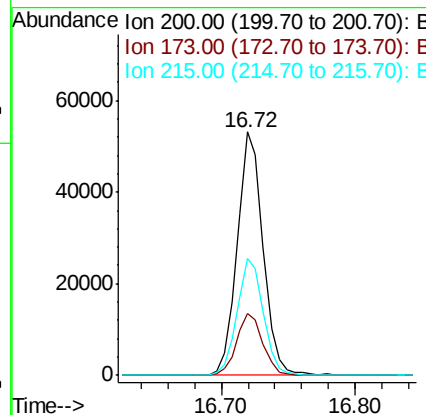
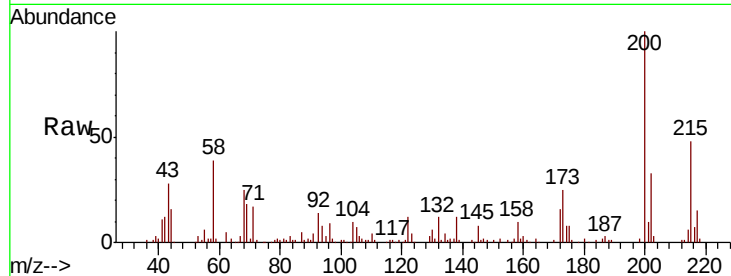
#69
 Atrazine
 Concen: 14.754 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127049BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.3	6.6	46.6
215	48.3	30.3	70.3

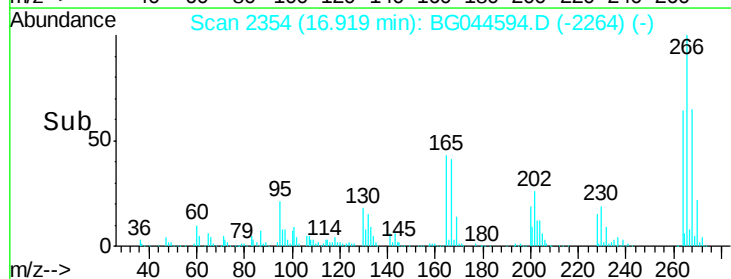
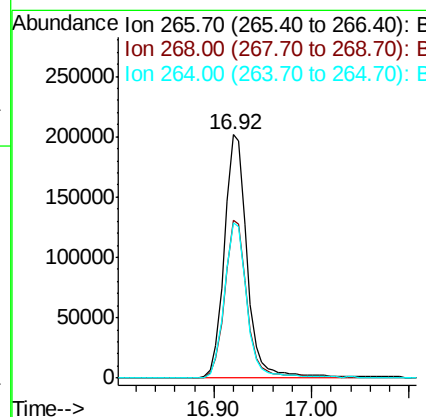
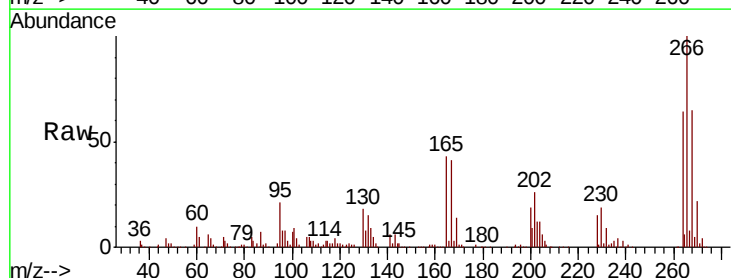
Manual Integrations
 APPROVED

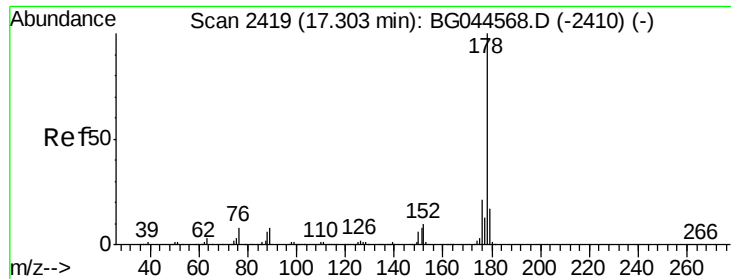
mohammad
 2/27/2020 5:03:16 PM



#70
 Pentachlorophenol
 Concen: 109.849 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.9	53.4	80.0
264	63.8	53.0	79.4





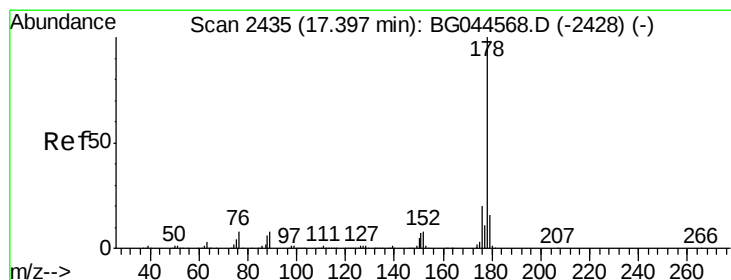
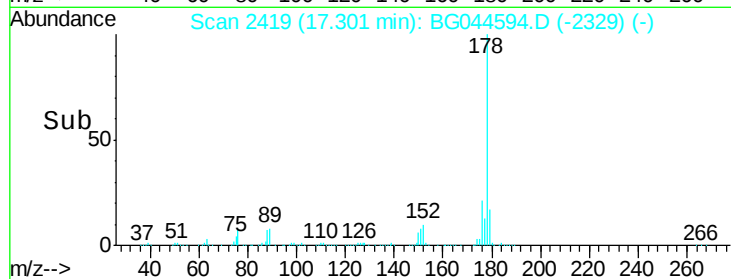
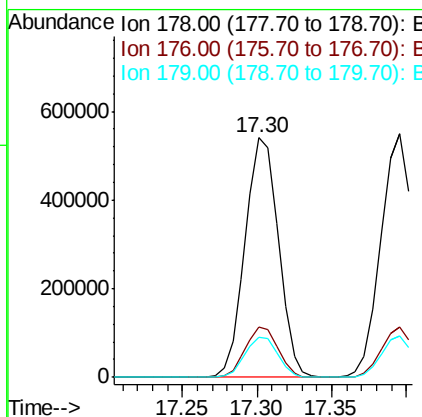
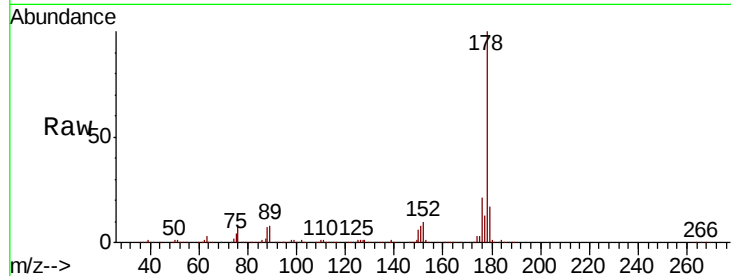
#71
Phenanthrene
Concen: 35.893 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.6	25.0
179	16.9	13.3	19.9

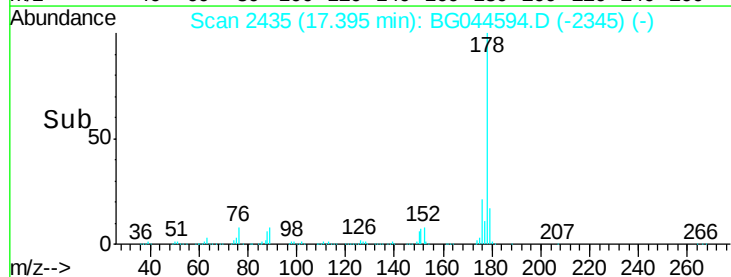
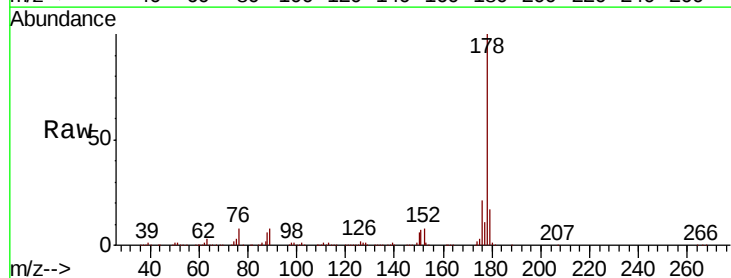
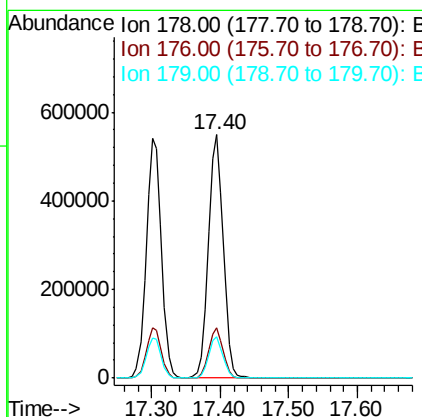
Manual Integrations
APPROVED

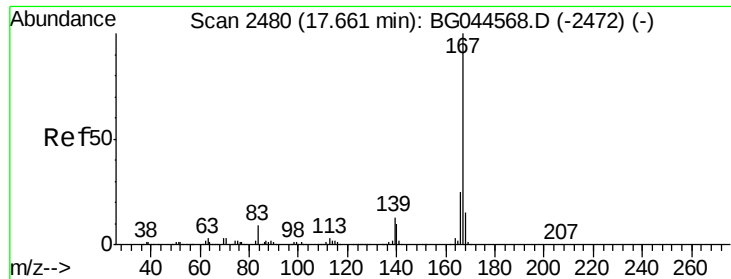
mohammad
2/27/2020 5:03:16 PM



#72
Anthracene
Concen: 35.939 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.9	23.9
179	16.8	13.1	19.7





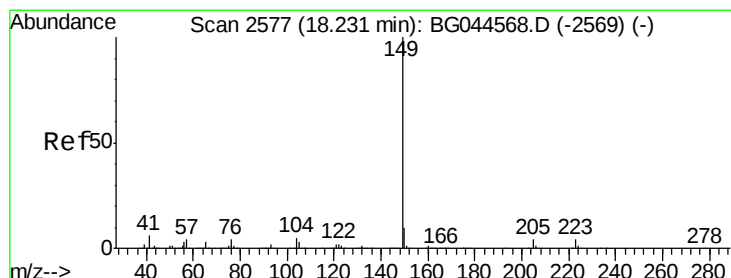
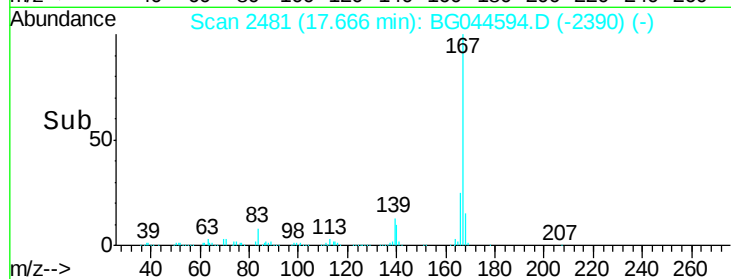
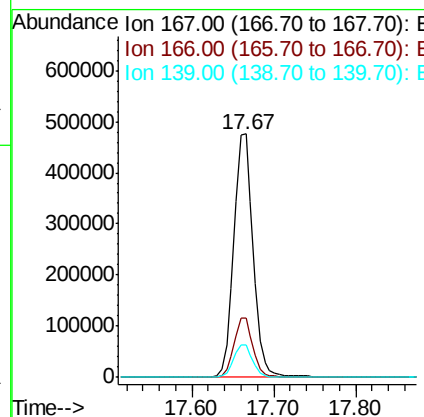
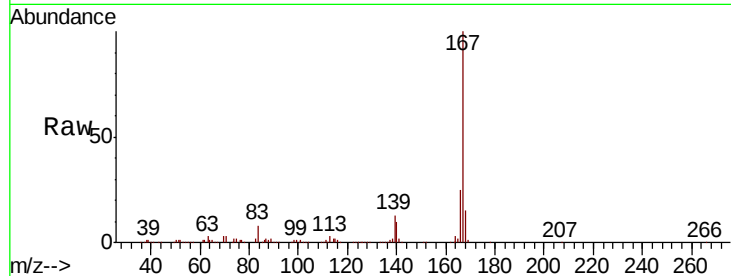
#73
 Carbazole
 Concen: 37.686 ng
 RT: 17.67 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127049BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.7	29.5
139	13.2	10.6	15.8

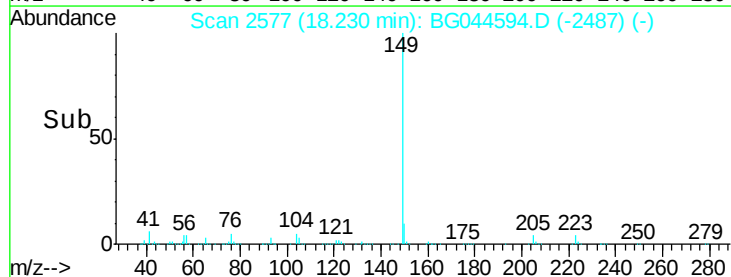
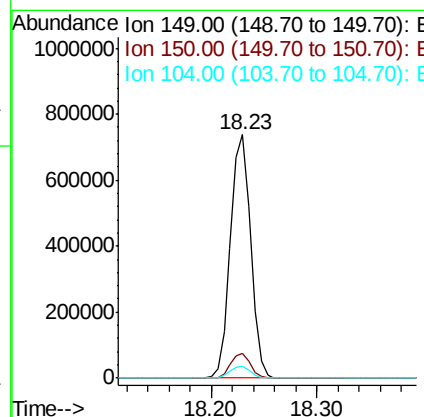
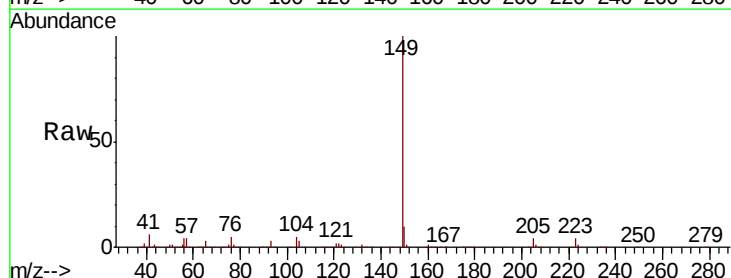
Manual Integrations
 APPROVED

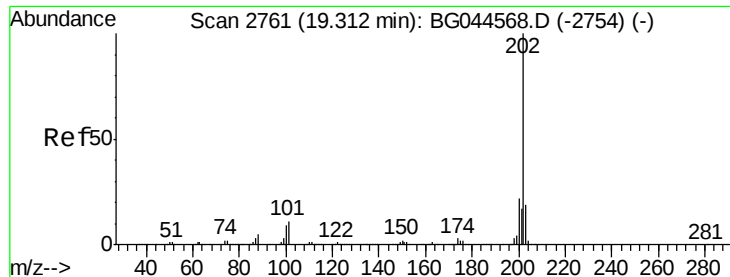
mohammad
 2/27/2020 5:03:16 PM



#74
 Di-n-butylphthalate
 Concen: 37.170 ng
 RT: 18.23 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 37.798 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

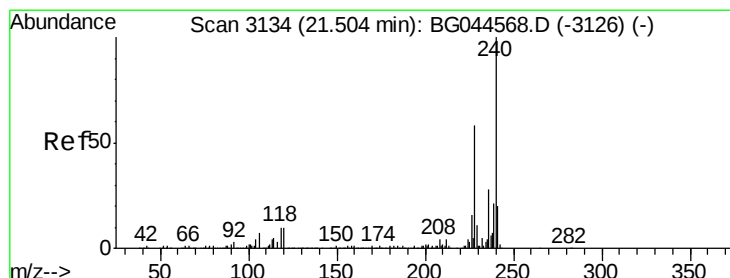
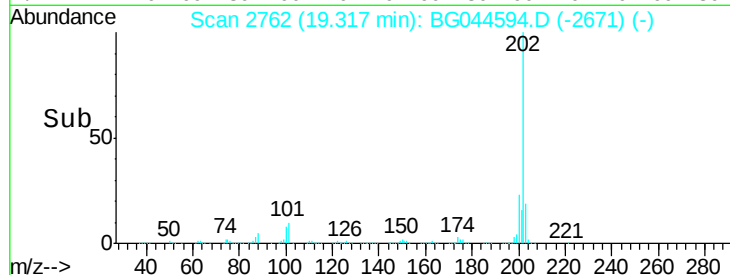
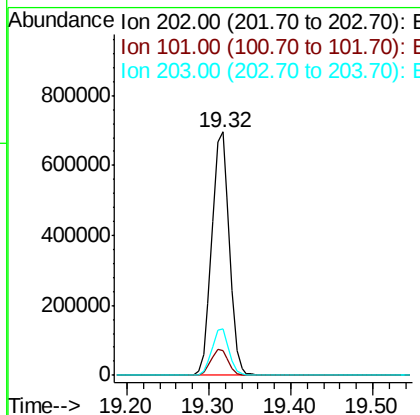
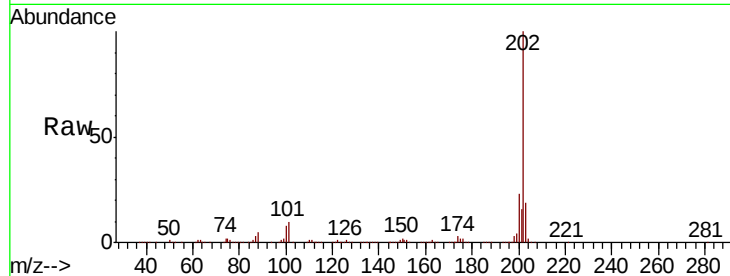
ClientSampleId :

PB127049BS

Tot Ion:	202	Resp:	1043856
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.0
203	19.0	0.0	39.2

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



#76

Chrysene-d12

Concen: 20.000 ng

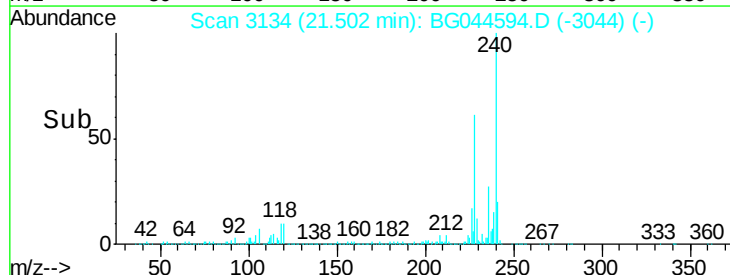
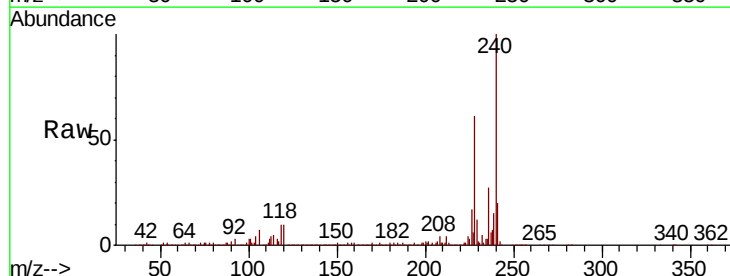
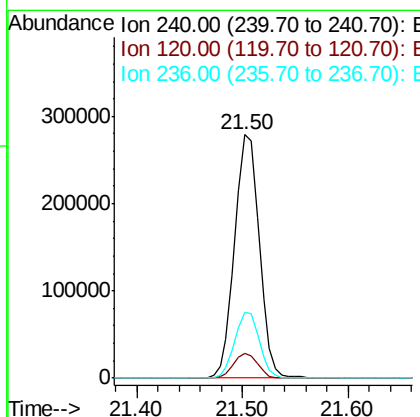
RT: 21.50 min Scan# 3134

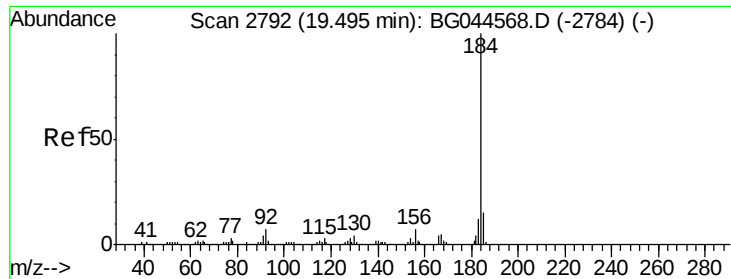
Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:	240	Resp:	450203
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	27.2	22.3	33.5





#77

Benzidine

Concen: 5.962 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

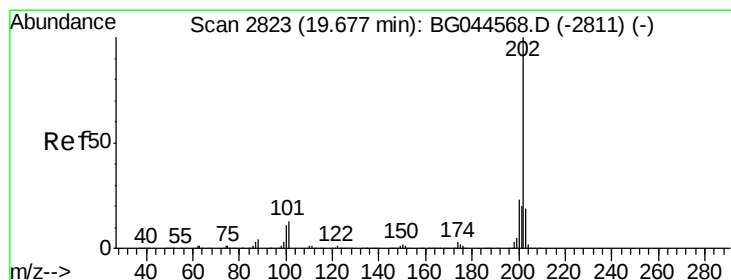
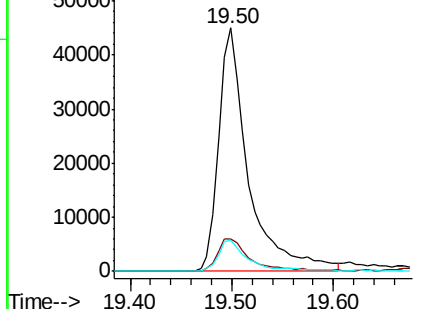
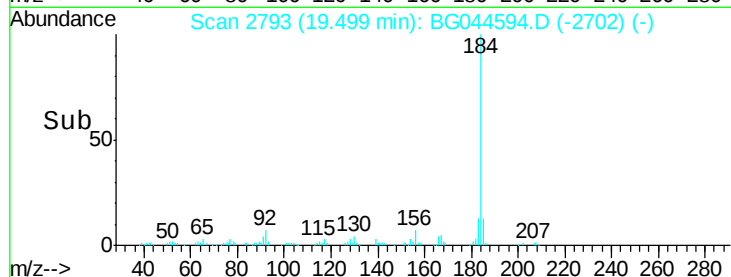
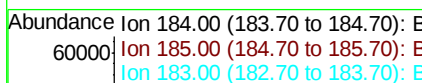
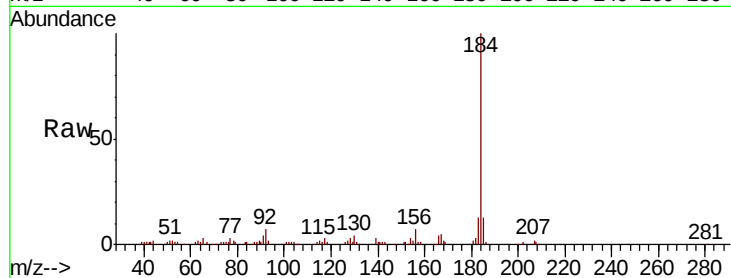
ClientSampleId :

PB127049BS

Tot Ion:	184	Resp:	91948
Ion Ratio	Lower	Upper	
184	100		
185	13.1	12.2	18.4
183	12.6	9.9	14.9

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



#78

Pyrene

Concen: 32.245 ng

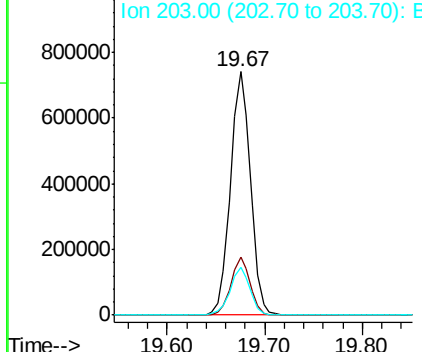
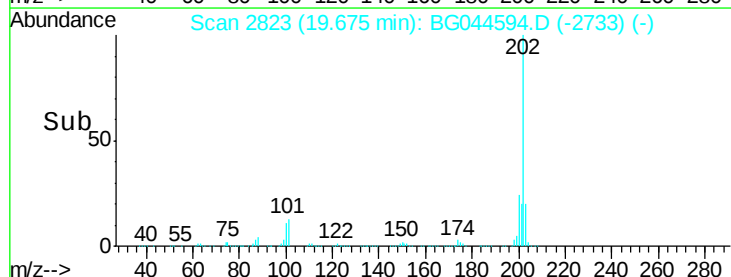
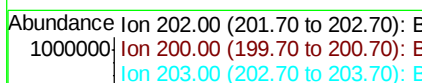
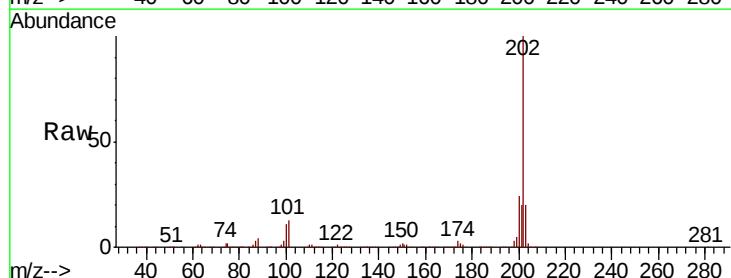
RT: 19.67 min Scan# 2823

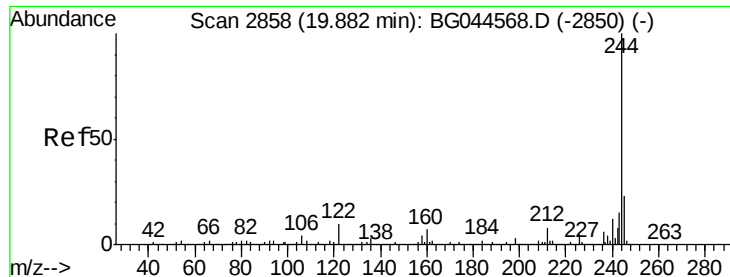
Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:	202	Resp:	1053801
Ion Ratio	Lower	Upper	
202	100		
200	23.7	18.6	28.0
203	19.5	15.3	22.9





#79

Terphenyl-d14

Concen: 63.352 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampleId :

PB127049BS

Tot Ion:244 Resp: 1506606

Ion Ratio Lower Upper

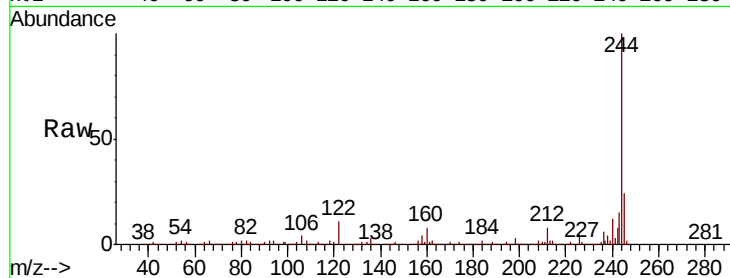
244 100

212 8.5 6.5 9.7

122 10.6 8.2 12.4

Manual Integrations
APPROVED

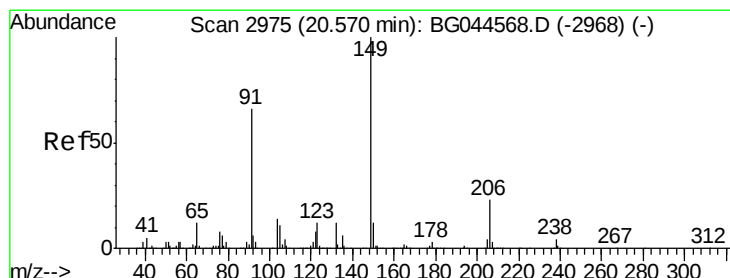
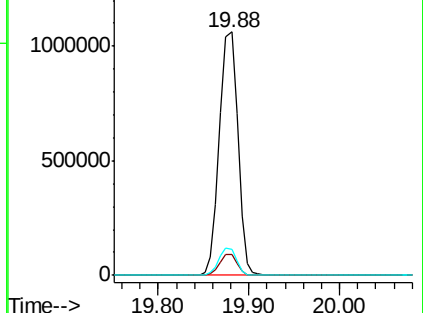
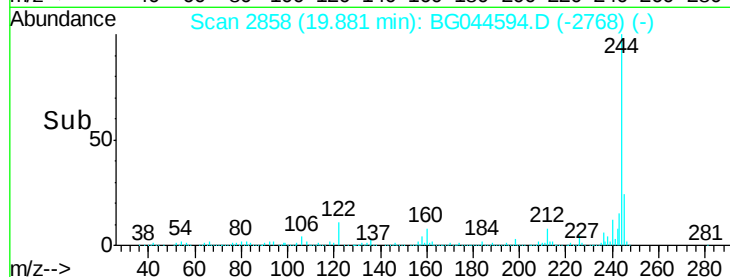
mohammad
2/27/2020 5:03:16 PM



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: 32.165 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

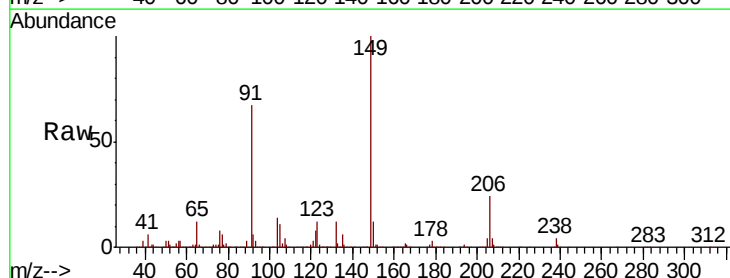
Tgt Ion:149 Resp: 459795

Ion Ratio Lower Upper

149 100

91 66.6 52.7 79.1

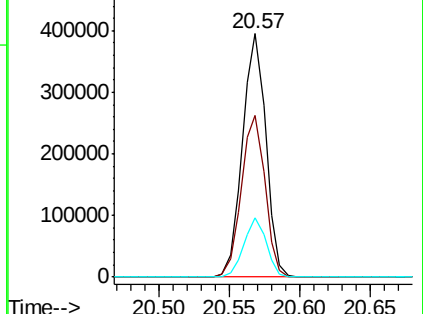
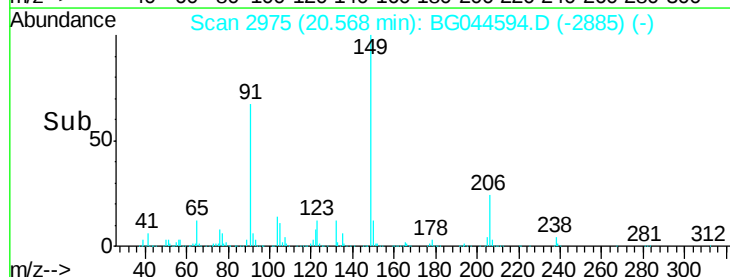
206 24.2 18.6 28.0

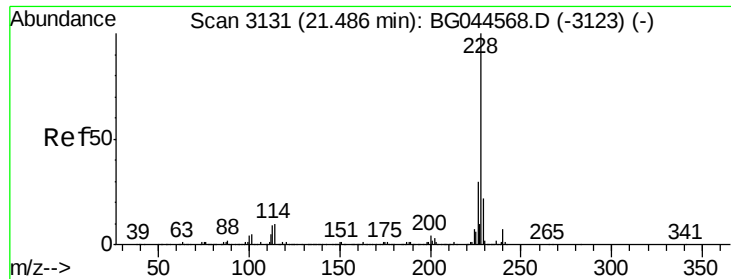


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





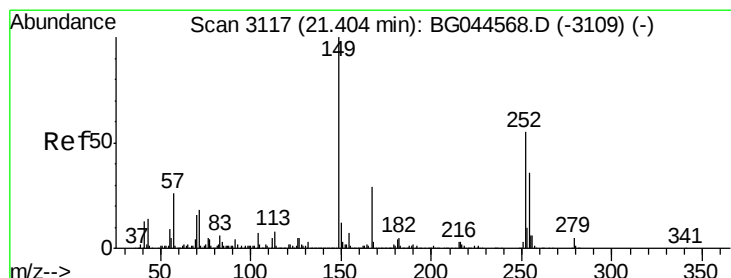
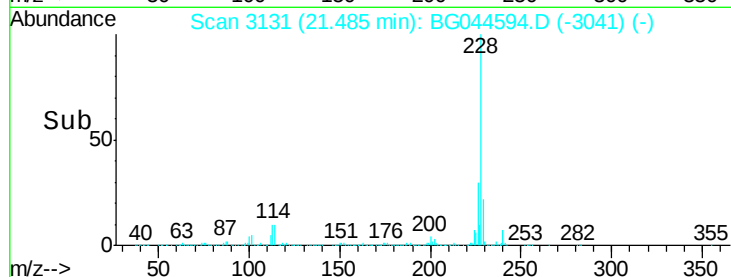
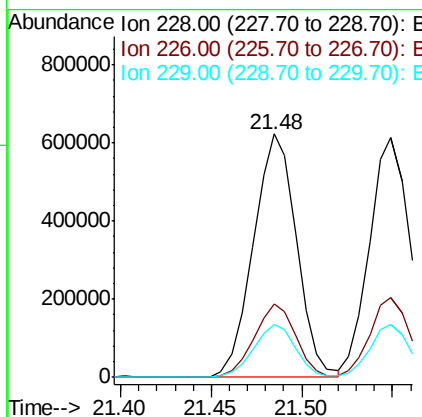
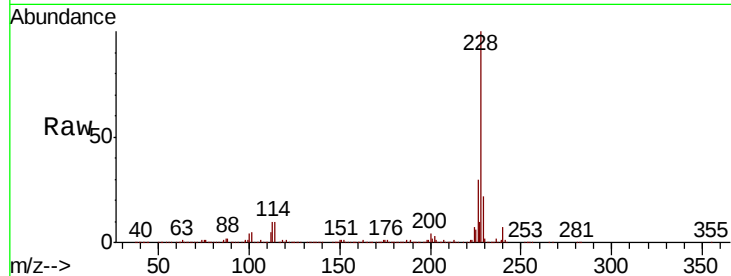
#81
Benzo(a)anthracene
Concen: 32.572 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion:228 Resp: 1030644
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 21.7 17.2 25.8

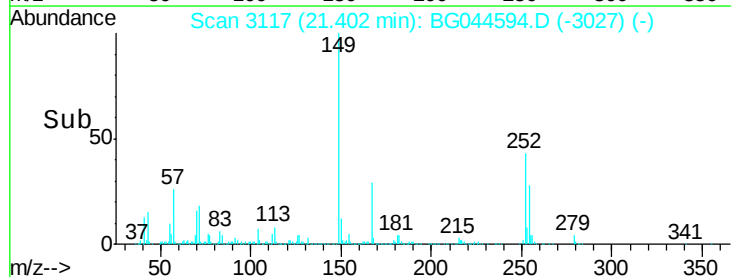
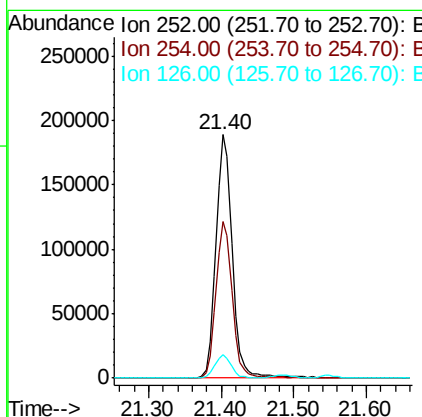
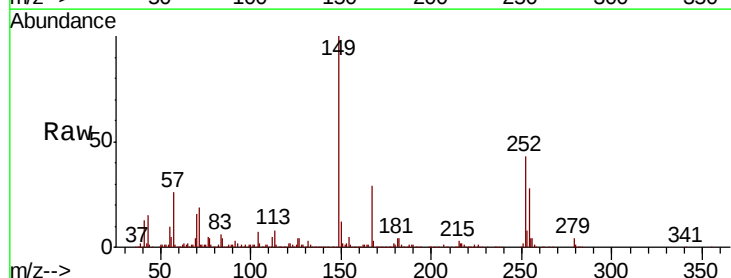
Manual Integrations
APPROVED

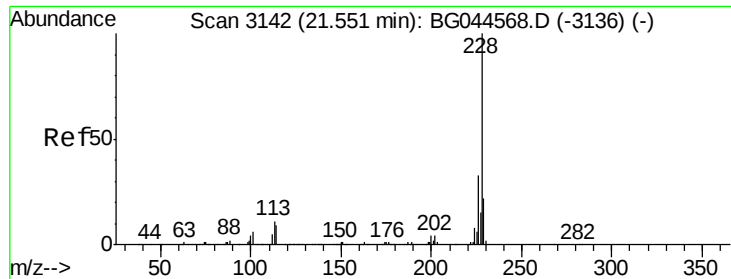
mohammad
2/27/2020 5:03:16 PM



#82
3,3'-Dichlorobenzidine
Concen: 23.701 ng
RT: 21.40 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion:252 Resp: 296273
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 9.6 7.8 11.6





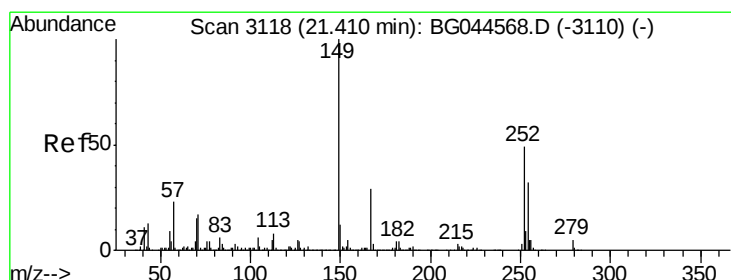
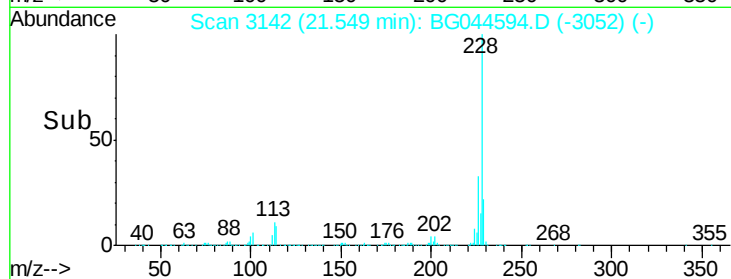
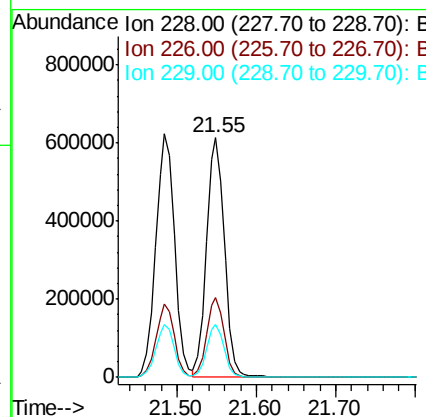
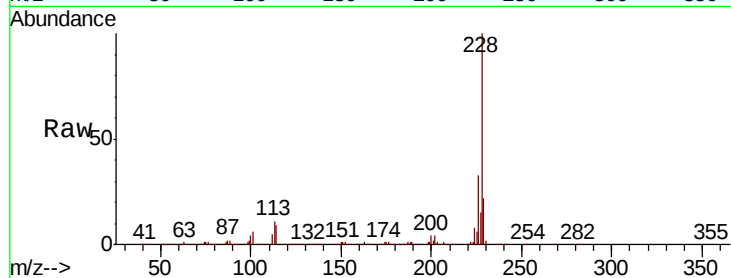
#83
Chrysene
Concen: 31.656 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.1	39.1
229	22.0	17.2	25.8

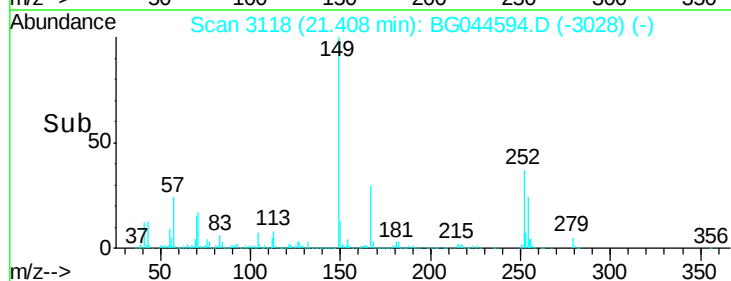
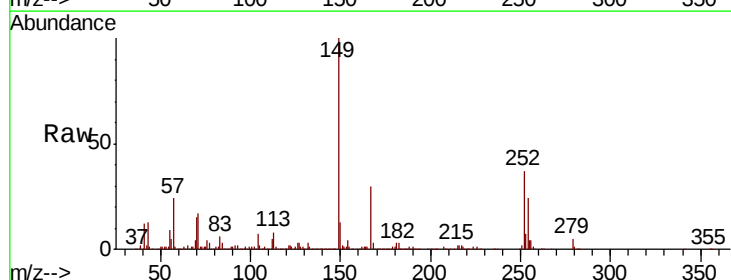
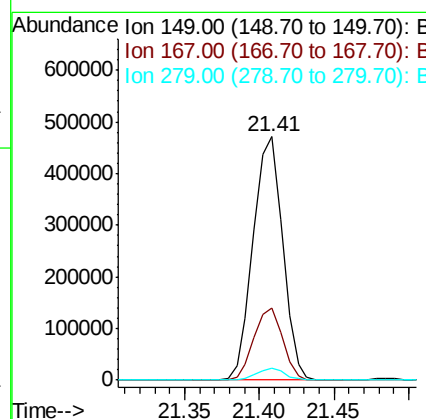
Manual Integrations
APPROVED

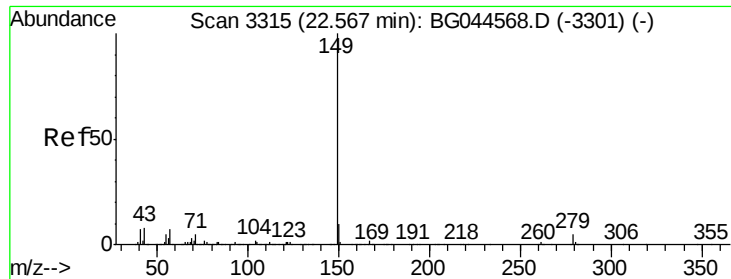
mohammad
2/27/2020 5:03:16 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 32.751 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.4	35.0
279	5.1	4.2	6.4





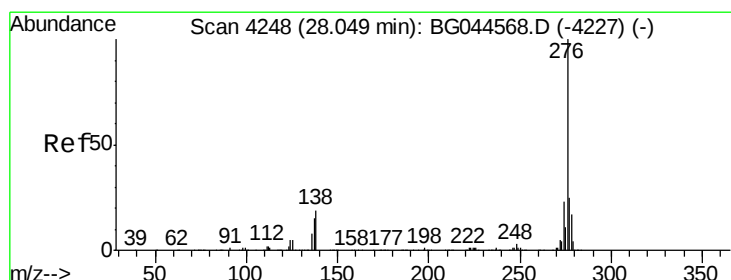
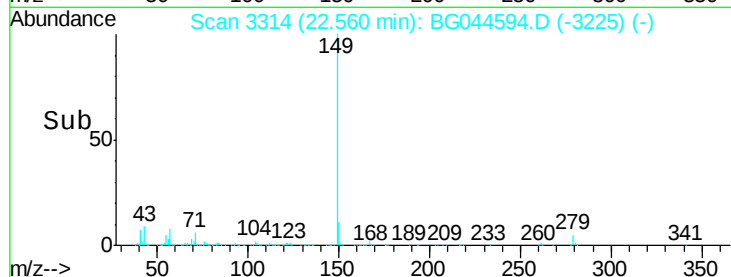
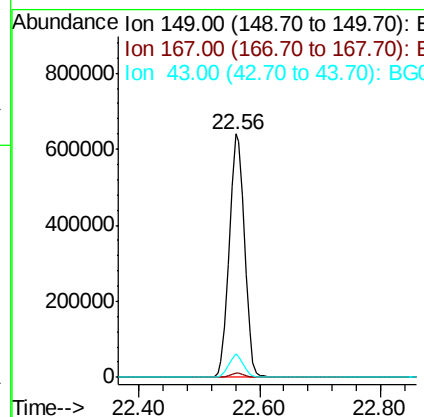
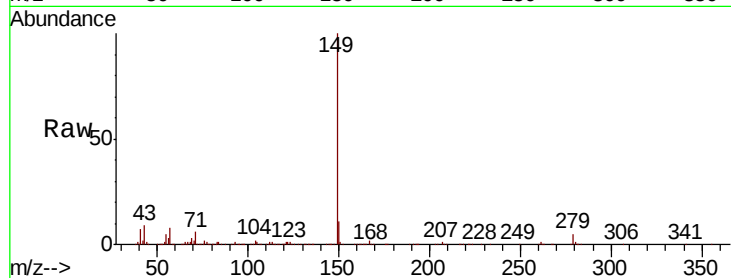
#85
Di-n-octyl phthalate
Concen: 32.505 ng
RT: 22.56 min Scan# 3314
Delta R.T. -0.01 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.9	6.6	10.0

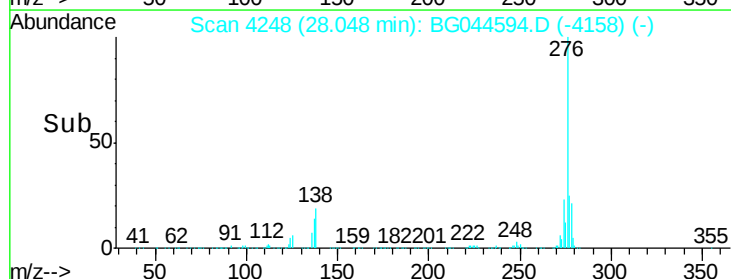
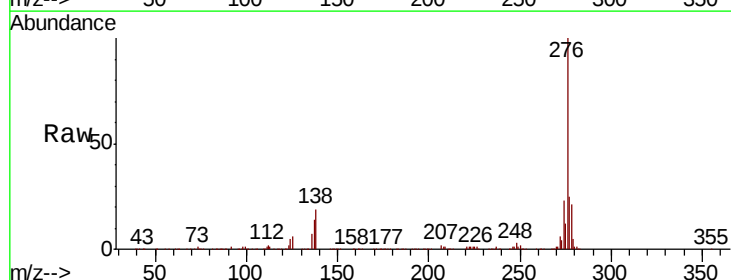
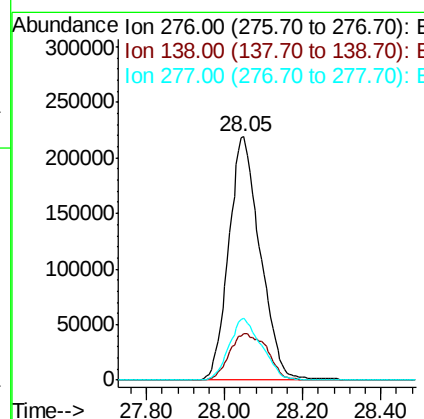
Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 31.341 ng
RT: 28.05 min Scan# 4248
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.2	27.4
277	26.3	20.7	31.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.57 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

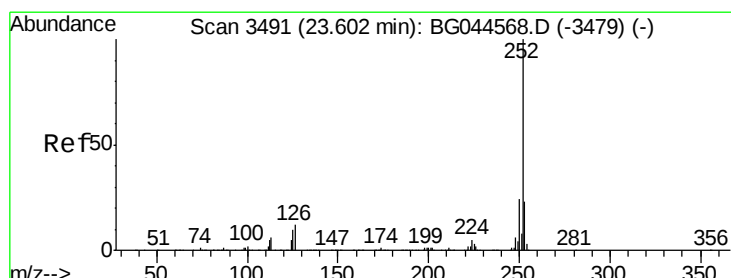
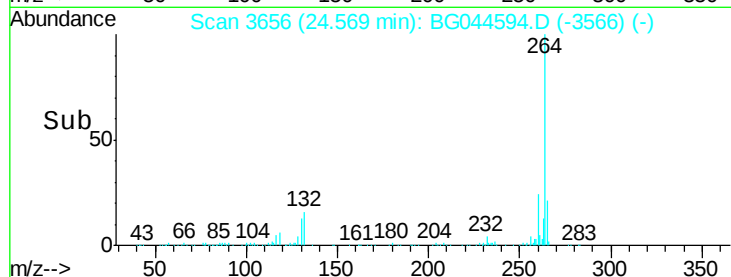
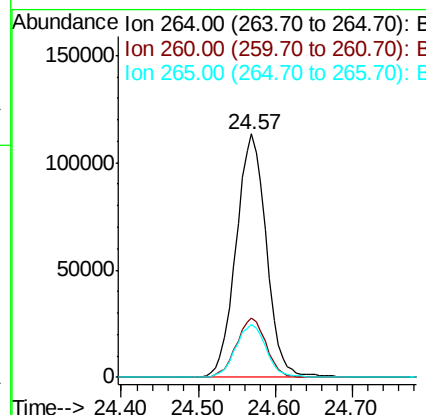
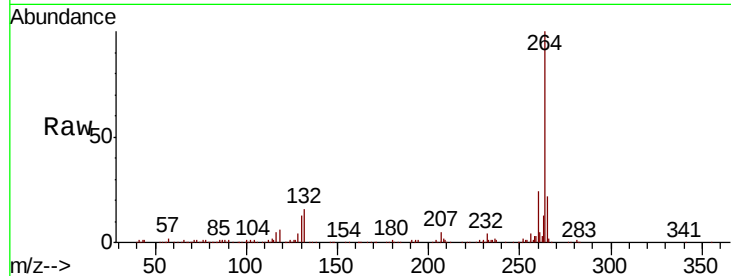
ClientSampleId :

PB127049BS

Tot Ion:	264	Resp:	311259
Ion Ratio		Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.6	17.8	26.8

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



#88

Benzo(b)fluoranthene

Concen: 53.706 ng

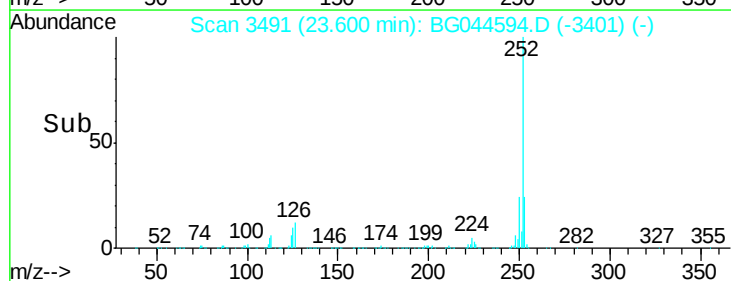
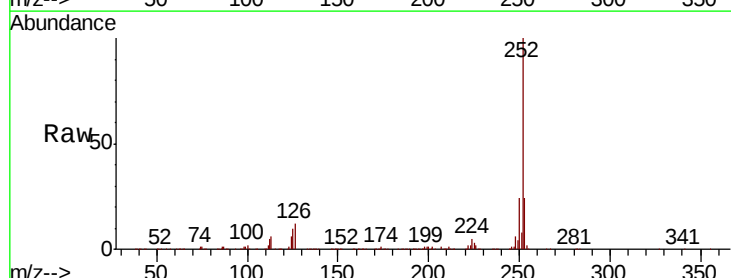
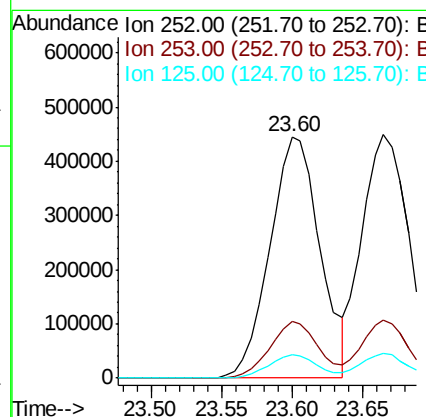
RT: 23.60 min Scan# 3491

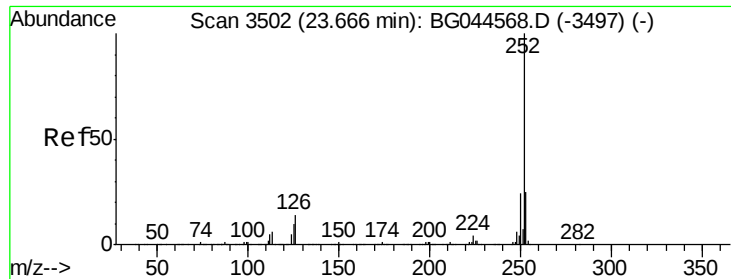
Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:	252	Resp:	1099085
Ion Ratio		Lower	Upper
252	100		
253	23.6	18.4	27.6
125	9.7	7.9	11.9





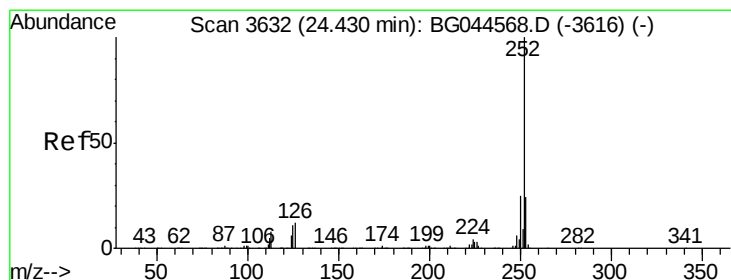
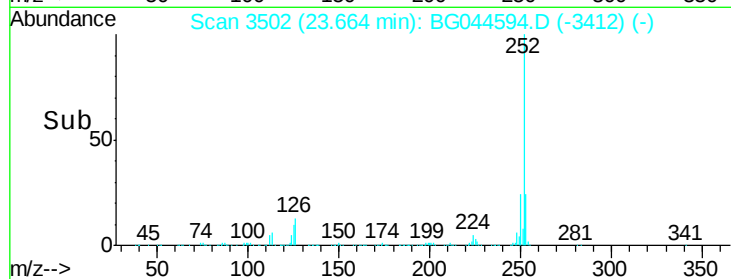
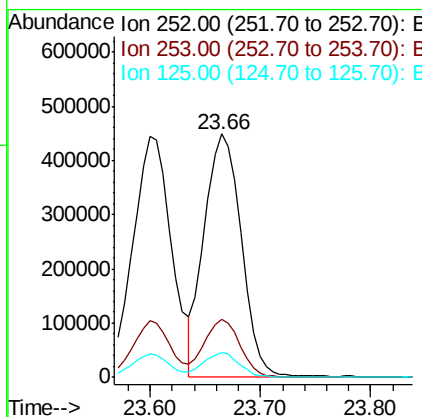
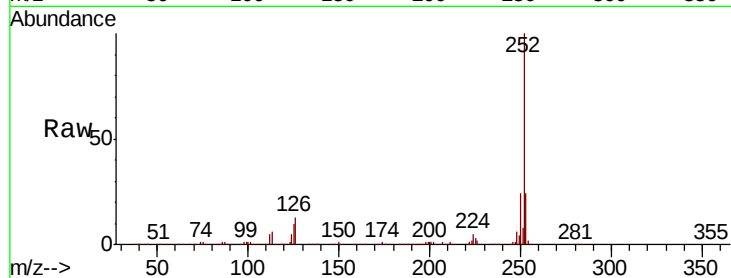
#89
Benzo(k)fluoranthene
Concen: 52.114 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion:252 Resp: 1034803
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.6
125 10.1 7.8 11.8

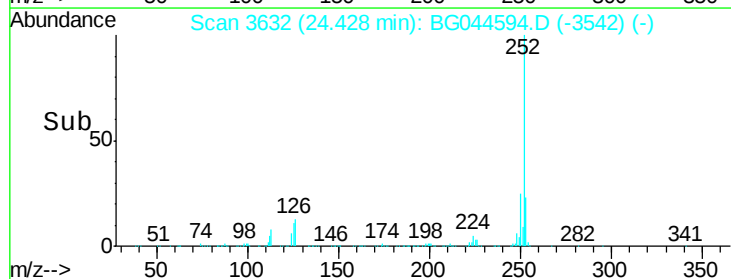
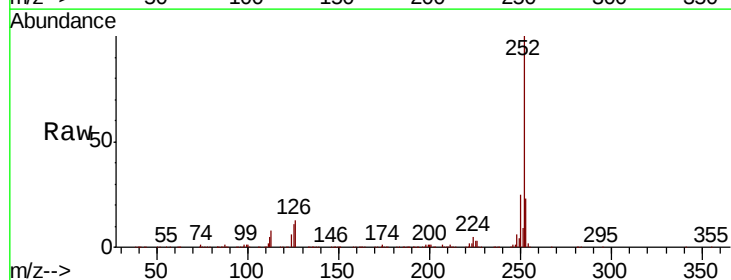
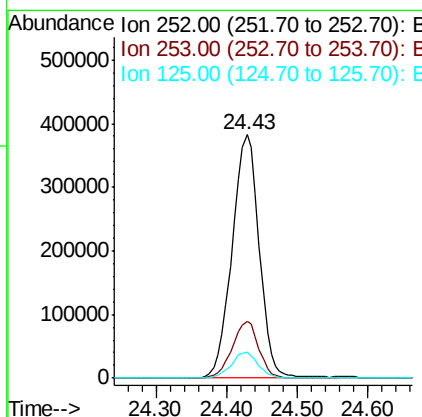
Manual Integrations
APPROVED

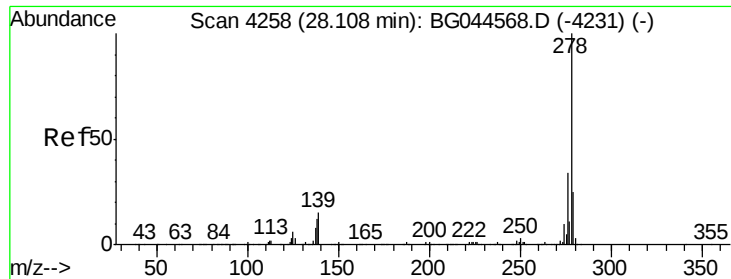
mohammad
2/27/2020 5:03:16 PM



#90
Benzo(a)pyrene
Concen: 53.135 ng
RT: 24.43 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion:252 Resp: 1021676
Ion Ratio Lower Upper
252 100
253 23.4 19.0 28.4
125 10.6 8.5 12.7





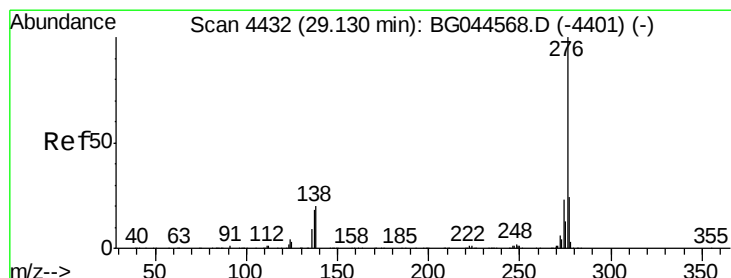
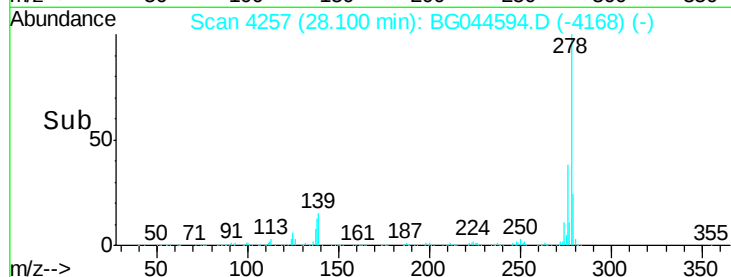
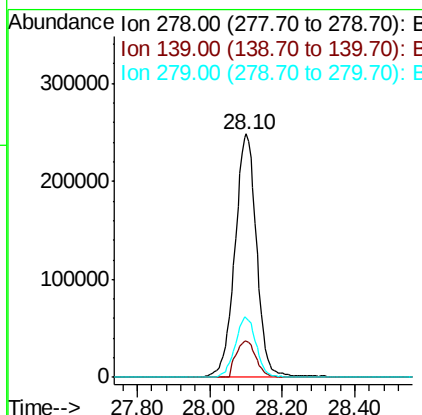
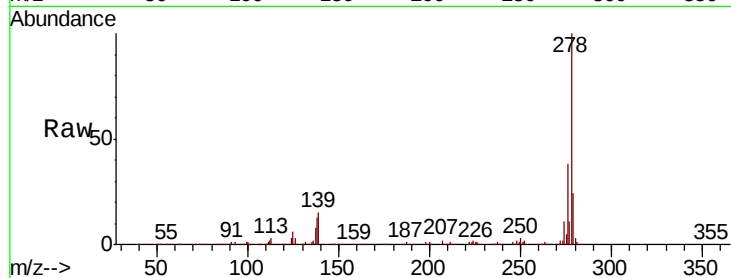
#91
Dibenzo(a,h)anthracene
Concen: 54.394 ng
RT: 28.10 min Scan# 4257
Delta R.T. -0.01 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :
PB127049BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.7	17.5
279	24.4	19.8	29.6

Manual Integrations
APPROVED

mohammad
2/27/2020 5:03:16 PM



#92
Benzo(g,h,i)perylene
Concen: 54.615 ng
RT: 29.13 min Scan# 4432
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	20.1	16.1	24.1

