

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
 Data File : BG044649.D
 Acq On : 3 Mar 2020 2:23
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/3/2020 12:28:32 PM

Quant Time: Mar 03 08:00:31 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	7.80	152	71179m	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	303171	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	205755	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	449453	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	400004	20.00	ng	-0.07
87) Perylene-d12	24.45	264	458150	20.00	ng	-0.12

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	340096	76.66	ng	-0.07
7) Phenol-d6	6.98	99	474979	78.22	ng	-0.07
23) Nitrobenzene-d5	8.96	82	449725	76.42	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	219647	75.29	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	1046382	72.82	ng	-0.06
79) Terphenyl-d14	19.83	244	1567950	74.21	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	70120	36.221	ng	98
3) Pyridine	3.63	79	212519	39.343	ng	98
4) n-Nitrosodimethylamine	3.55	42	85242	41.550	ng	96
6) Aniline	7.13	93	289526	39.161	ng	98
8) 2-Chlorophenol	7.37	128	186896	38.593	ng	98
9) Benzaldehyde	6.94	77	130471	36.539	ng	99
10) Phenol	7.01	94	229411	38.984	ng	98
11) bis(2-Chloroethyl)ether	7.23	93	191292	38.668	ng	96
12) 1,3-Dichlorobenzene	7.69	146	218001	37.743	ng	98
13) 1,4-Dichlorobenzene	7.84	146	218974	37.723	ng	99
14) 1,2-Dichlorobenzene	8.16	146	209535	37.957	ng	97
15) Benzyl Alcohol	8.05	79	165848	40.497	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	264604	39.799	ng	99
17) 2-Methylphenol	8.26	107	163071	38.790	ng	98
18) Hexachloroethane	8.89	117	81842	38.579	ng	95
19) n-Nitroso-di-n-propylamine	8.62	70	156390	40.066	ng	98
20) 3+4-Methylphenols	8.59	107	226466	39.347	ng	98
22) Acetophenone	8.63	105	286413	37.628	ng	# 99
24) Nitrobenzene	9.00	77	218690	38.358	ng	98
25) Isophorone	9.53	82	421694	38.306	ng	99
26) 2-Nitrophenol	9.72	139	114681	37.090	ng	98
27) 2,4-Dimethylphenol	9.79	122	164484	37.888	ng	99
28) bis(2-Chloroethoxy)methane	10.01	93	276059	37.920	ng	99
29) 2,4-Dichlorophenol	10.26	162	197169	37.988	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	224423	37.388	ng	100
31) Naphthalene	10.65	128	619503	37.448	ng	99
32) Benzoic acid	9.97	122	72435	46.434	ng	97
33) 4-Chloroaniline	10.76	127	282689	38.797	ng	97
34) Hexachlorobutadiene	10.95	225	138299	36.688	ng	99
35) Caprolactam	11.54	113	73682	39.656	ng	97
36) 4-Chloro-3-methylphenol	11.91	107	209936	39.294	ng	98
37) 2-Methylnaphthalene	12.27	142	463410	37.903	ng	99
38) 1-Methylnaphthalene	12.49	142	438621	37.756	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	249098	35.962	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
 Data File : BG044649.D
 Acq On : 3 Mar 2020 2:23
 Operator : CG/JU
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDC040

Manual Integrations
 APPROVED

mohammad
 3/3/2020 12:28:32 PM

Quant Time: Mar 03 08:00:31 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	12.63	237	94741	34.208	ng	98
43) 2,4,6-Trichlorophenol	12.89	196	167336	37.206	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	173380	37.527	ng	98
46) 1,1'-Biphenyl	13.29	154	620654	36.451	ng	97
47) 2-Chloronaphthalene	13.33	162	486695	36.451	ng	98
48) 2-Nitroaniline	13.53	65	144045	38.864	ng	94
49) Acenaphthylene	14.18	152	727873	36.931	ng	100
50) Dimethylphthalate	13.92	163	618134	37.221	ng	100
51) 2,6-Dinitrotoluene	14.03	165	136136	37.169	ng	98
52) Acenaphthene	14.52	154	462152	36.785	ng	100
53) 3-Nitroaniline	14.36	138	150897	38.201	ng	98
54) 2,4-Dinitrophenol	14.57	184	64010	35.266	ng	95
55) Dibenzofuran	14.86	168	719918	37.377	ng	98
56) 4-Nitrophenol	14.69	139	107477	39.555	ng	94
57) 2,4-Dinitrotoluene	14.83	165	193086	37.497	ng	98
58) Fluorene	15.51	166	571086	37.396	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	158915	37.351	ng	98
60) Diethylphthalate	15.28	149	617906	37.552	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	308026	37.096	ng	98
62) 4-Nitroaniline	15.53	138	152425	38.537	ng	97
63) Azobenzene	15.80	77	536918	38.341	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	102506	36.833	ng	95
66) n-Nitrosodiphenylamine	15.72	169	525507	37.483	ng	99
67) 4-Bromophenyl-phenylether	16.39	248	207238	37.146	ng	99
68) Hexachlorobenzene	16.52	284	236217	37.449	ng	99
69) Atrazine	16.67	200	189744	36.610	ng	99
70) Pentachlorophenol	16.86	266	103864	37.866	ng	97
71) Phenanthrene	17.25	178	925116	37.178	ng	99
72) Anthracene	17.33	178	916113	37.359	ng	99
73) Carbazole	17.61	167	835347	37.425	ng	99
74) Di-n-butylphthalate	18.18	149	1033209	36.940	ng	99
75) Fluoranthene	19.26	202	1081201	36.705	ng	99
77) Benzidine	19.44	184	511262	37.312	ng	99
78) Pyrene	19.62	202	1092377	37.621	ng	98
80) Butylbenzylphthalate	20.51	149	470631	37.054	ng	97
81) Benzo(a)anthracene	21.42	228	1047316	37.253	ng	99
82) 3,3'-Dichlorobenzidine	21.34	252	419976	37.813	ng	97
83) Chrysene	21.48	228	1011748	37.221	ng	99
84) Bis(2-ethylhexyl)phthalate	21.35	149	645703	36.896	ng	100
85) Di-n-octyl phthalate	22.49	149	1141421	37.070	ng	99
86) Indeno(1,2,3-cd)pyrene	27.87	276	1297149	37.185	ng	99
88) Benzo(b)fluoranthene	23.50	252	1122925	37.279	ng	99
89) Benzo(k)fluoranthene	23.57	252	1106604	37.862	ng	99
90) Benzo(a)pyrene	24.32	252	1059132	37.423	ng	99
91) Dibenzo(a,h)anthracene	27.92	278	1048828	37.471	ng	100
92) Benzo(g,h,i)perylene	28.93	276	1050360	37.455	ng	98

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

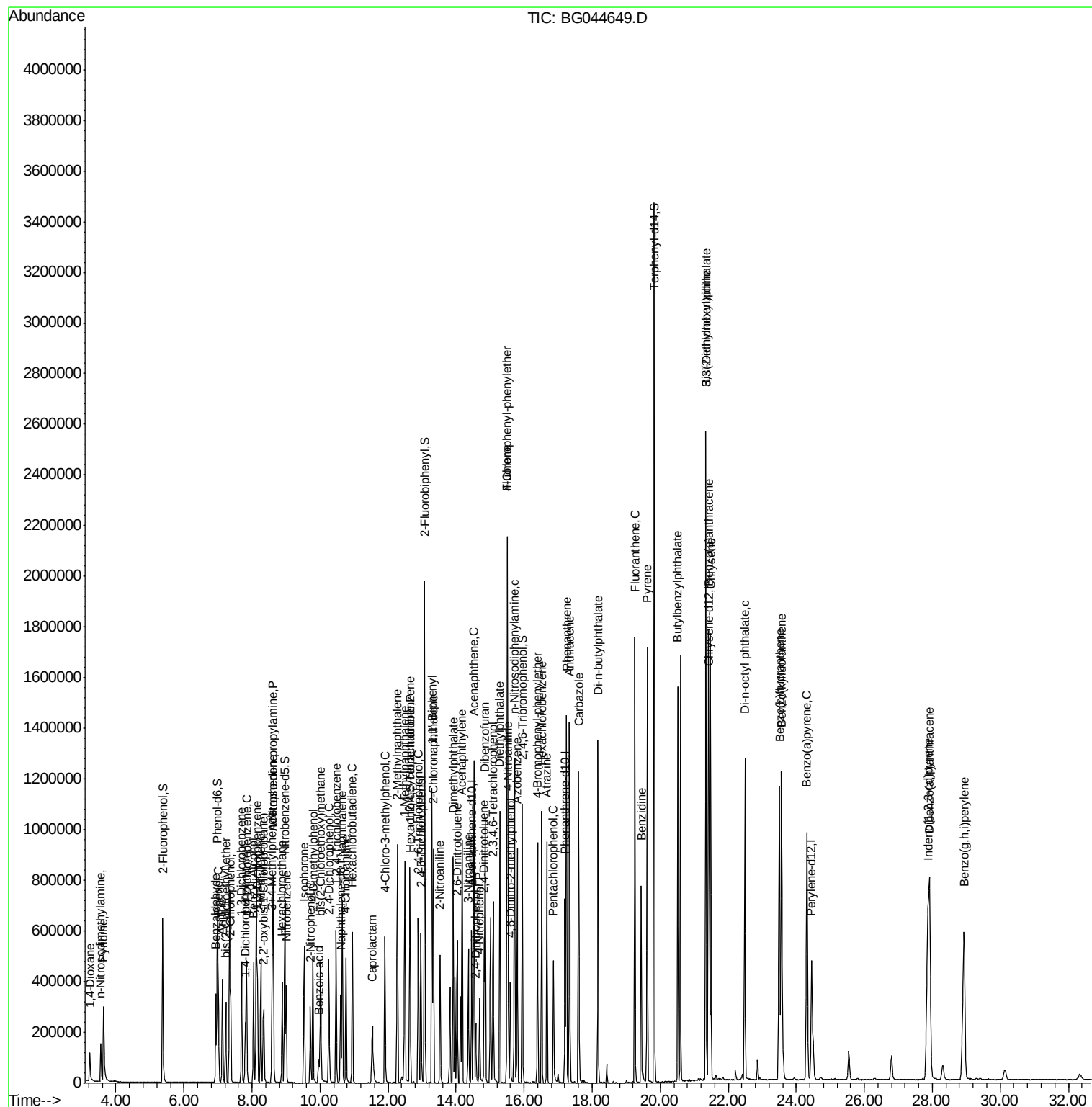
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044649.D
Acq On : 3 Mar 2020 2:23
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

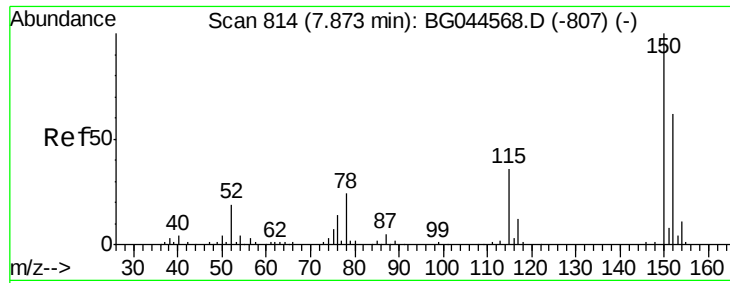
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM

Quant Time: Mar 03 08:00:31 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





#1

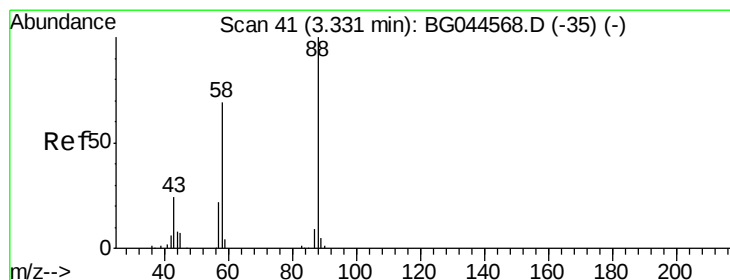
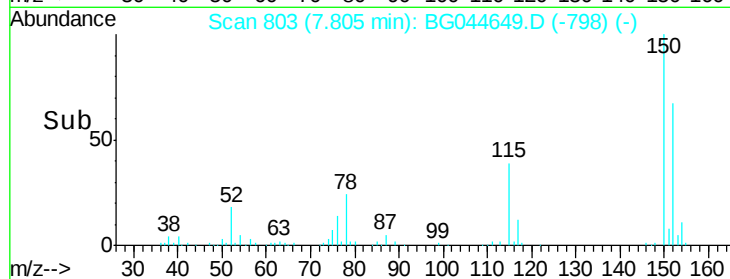
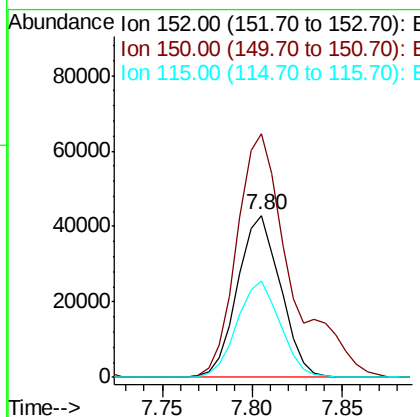
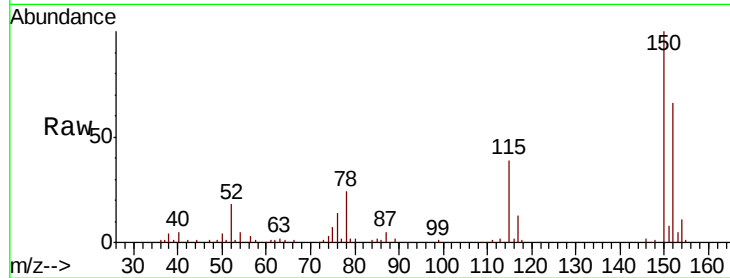
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.80 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	128.9	193.3
115	59.2	47.0	70.4

Manual Integrations
APPROVED

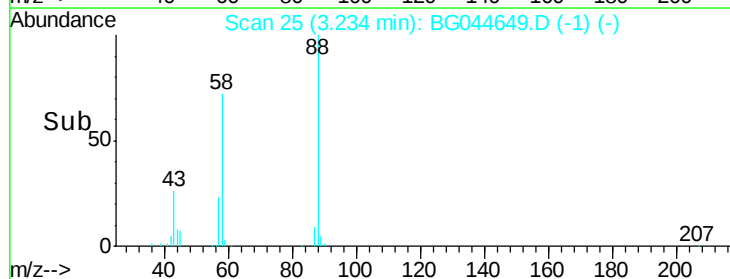
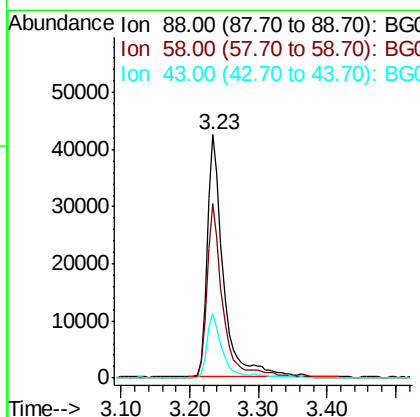
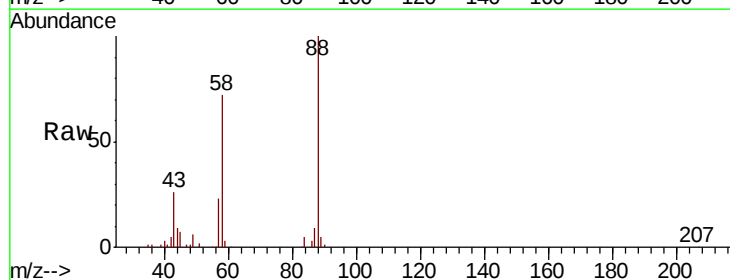
mohammad
3/3/2020 12:28:32 PM

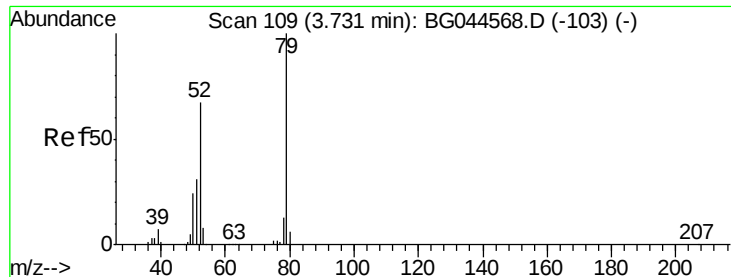


#2

1,4-Dioxane
Concen: 36.221 ng/ml
RT: 3.23 min Scan# 25
Delta R.T. -0.10 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.3	55.8	83.8
43	26.5	20.6	31.0





#3

Pvridine

Concen: 39.343 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.10 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Instrument :

BNA_G

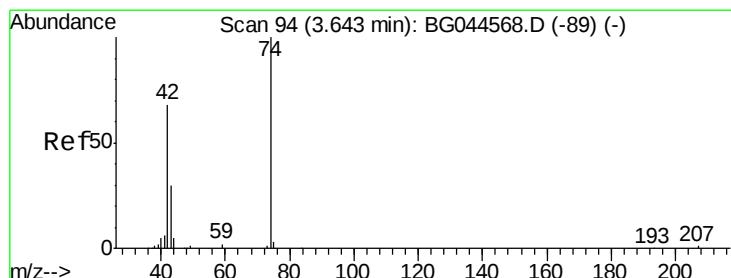
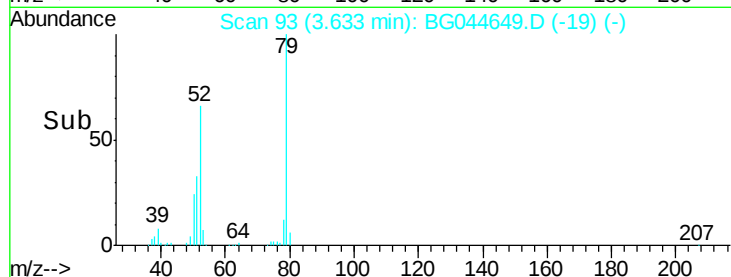
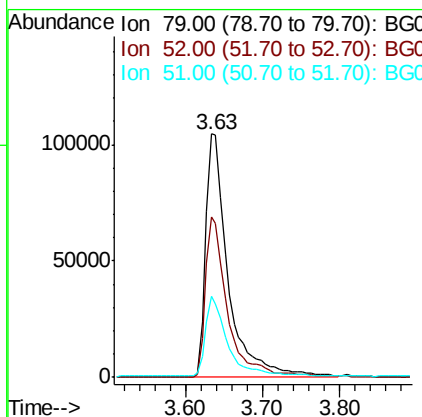
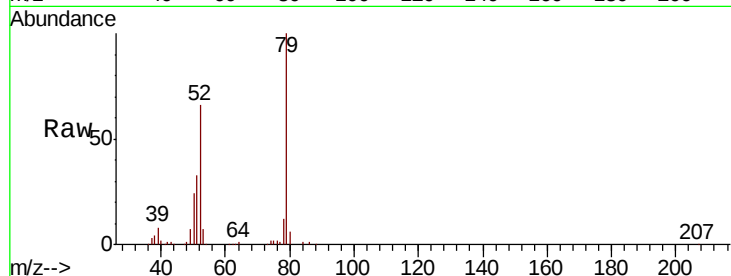
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	212519
Ion	Ratio	Lower	Upper
79	100		
52	65.7	53.7	80.5
51	33.3	25.4	38.0

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



#4

n-Nitrosodimethylamine

Concen: 41.550 ng

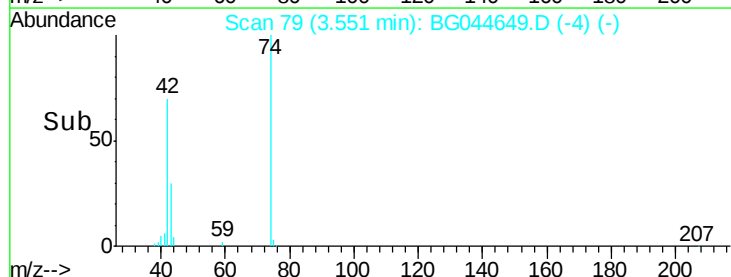
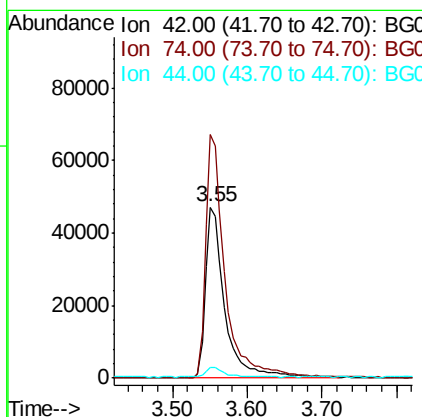
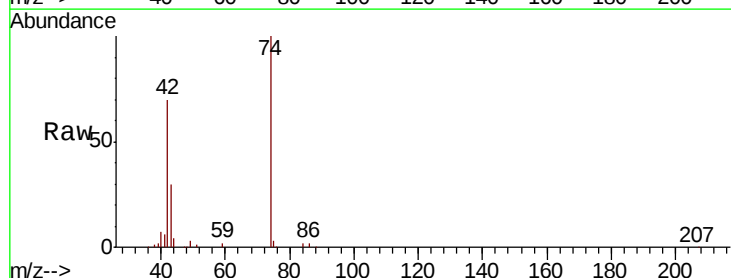
RT: 3.55 min Scan# 79

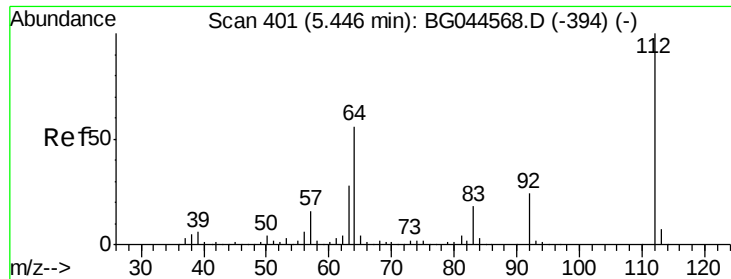
Delta R.T. -0.09 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Tgt Ion:	42	Resp:	85242
Ion	Ratio	Lower	Upper
42	100		
74	142.7	117.6	176.4
44	6.4	6.3	9.5





#5

2-Fluorophenol

Concen: 76.662 ng

RT: 5.37 min Scan# 389

Delta R.T. -0.07 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Instrument :

BNA_G

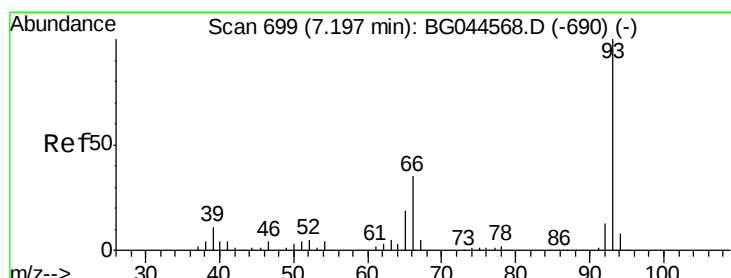
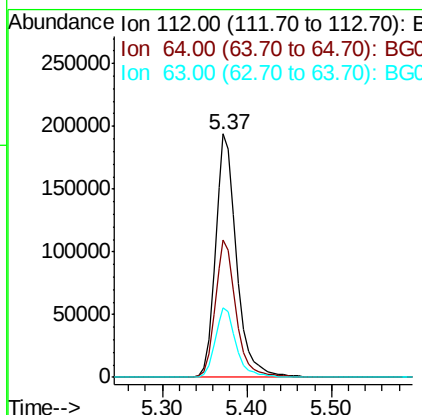
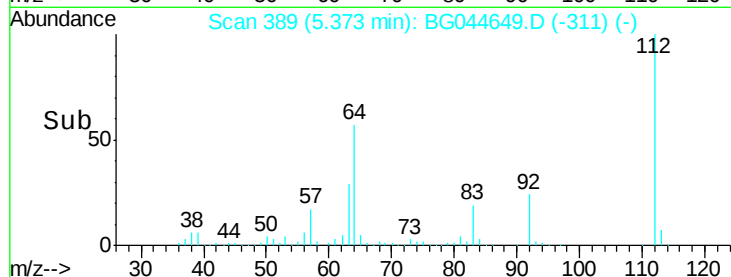
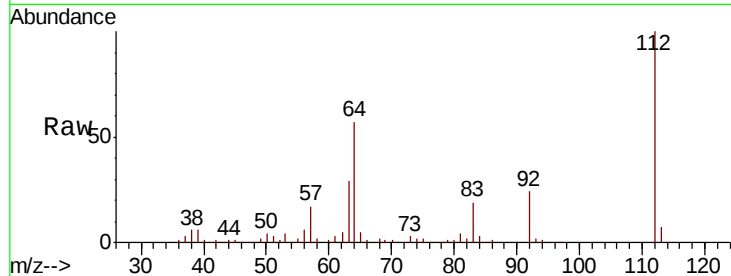
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	340096
Ion Ratio	Lower	Upper	
112	100		
64	56.5	44.8	67.2
63	28.6	22.3	33.5

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



#6

Aniline

Concen: 39.161 ng

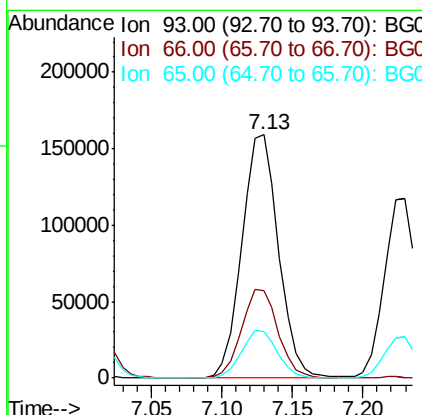
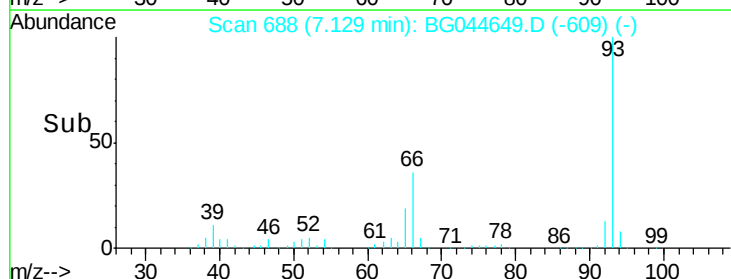
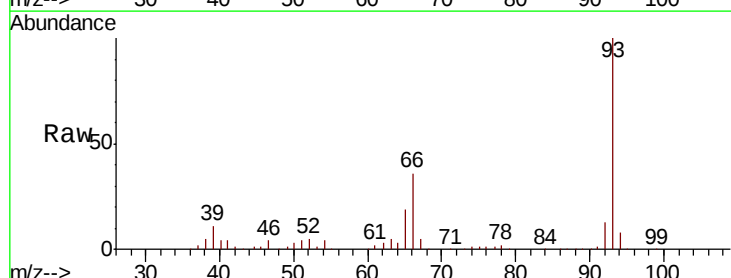
RT: 7.13 min Scan# 688

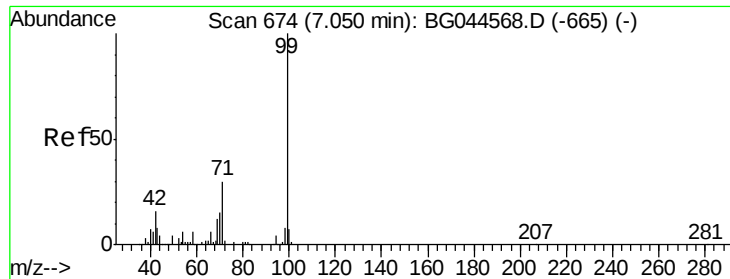
Delta R.T. -0.07 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Tgt Ion:	93	Resp:	289526
Ion Ratio	Lower	Upper	
93	100		
66	35.9	27.8	41.8
65	19.0	14.9	22.3





#7

Phenol-d6

Concen: 78.219 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Instrument :

BNA_G

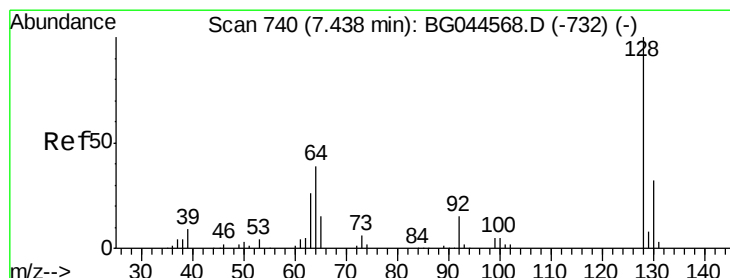
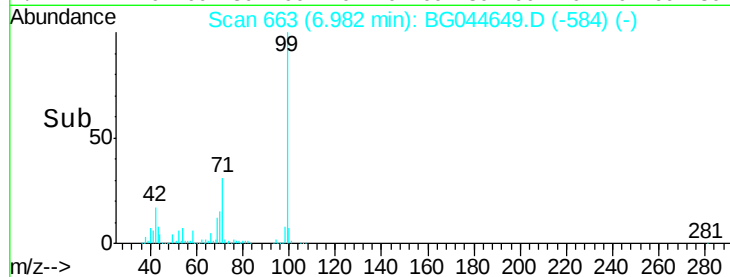
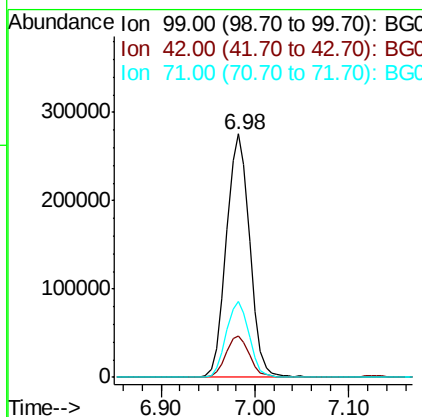
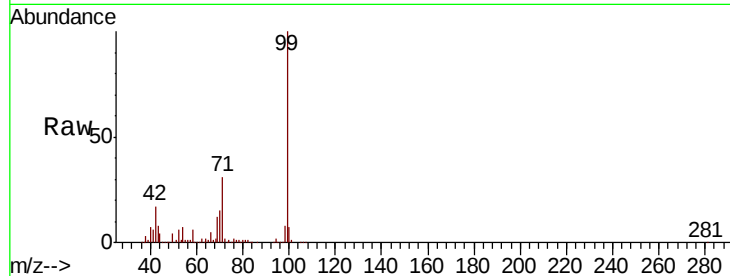
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	474979
Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.8	19.2
71	31.0	24.4	36.6

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



#8

2-Chlorophenol

Concen: 38.593 ng

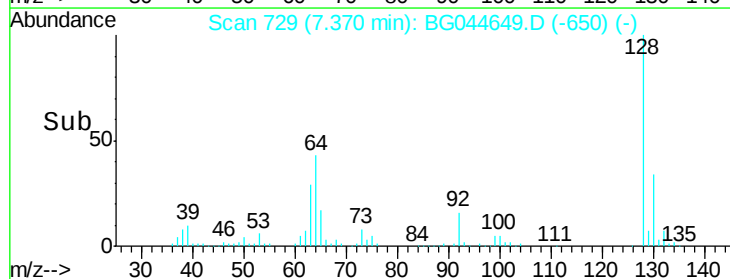
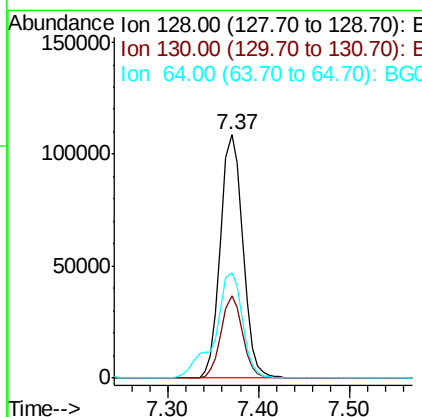
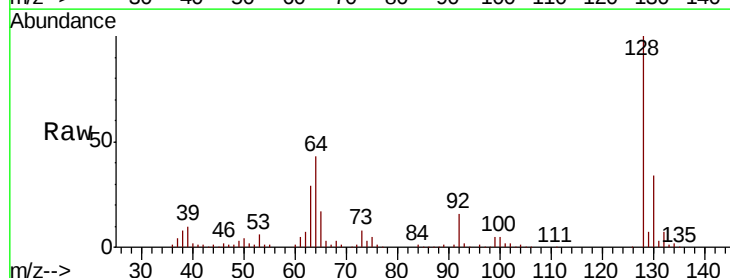
RT: 7.37 min Scan# 729

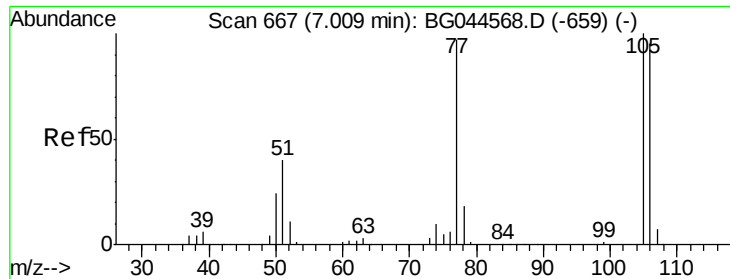
Delta R.T. -0.07 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Tgt Ion:	128	Resp:	186896
Ion	Ratio	Lower	Upper
128	100		
130	33.9	12.3	52.3
64	43.1	22.5	62.5





#9

Benzaldehyde

Concen: 36.539 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.07 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Instrument :

BNA_G

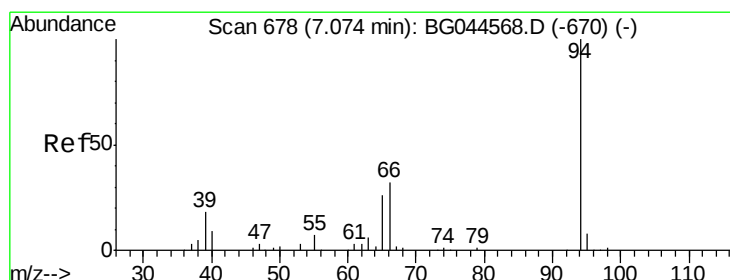
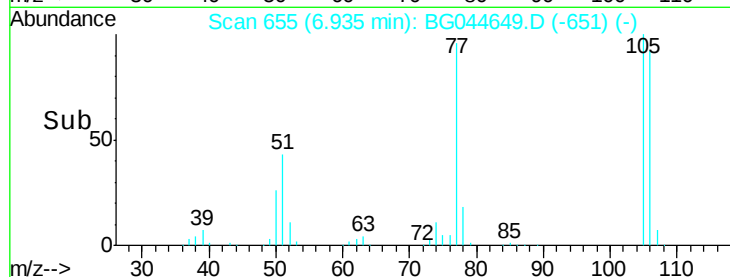
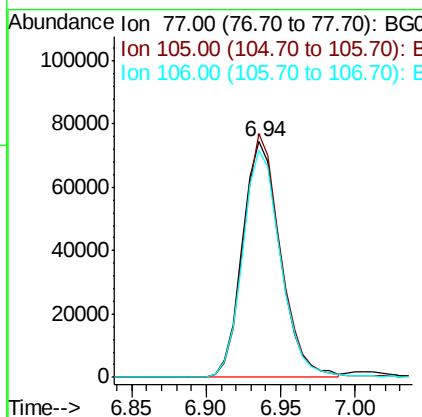
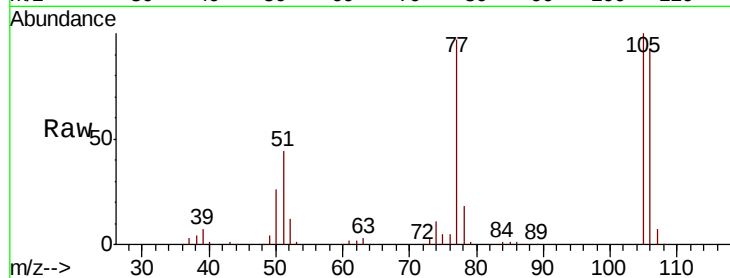
ClientSampleID :

SSTDCCC040

Tot Ion:	77	Resp:	130471
Ion	Ratio	Lower	Upper
77	100		
105	103.5	83.6	123.6
106	96.4	78.2	118.2

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



#10

Phenol

Concen: 38.984 ng

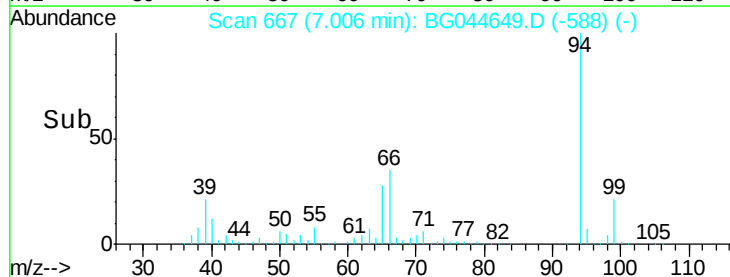
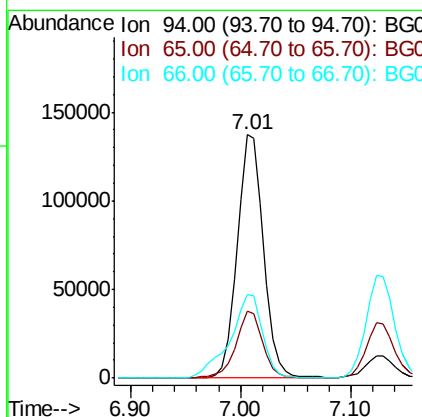
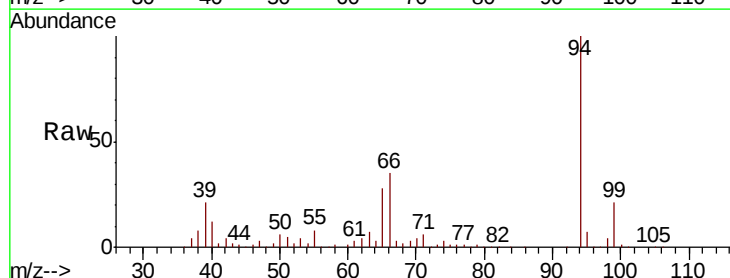
RT: 7.01 min Scan# 667

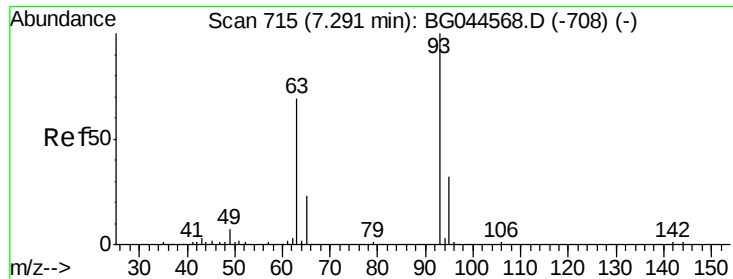
Delta R.T. -0.07 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Tgt Ion:	94	Resp:	229411
Ion	Ratio	Lower	Upper
94	100		
65	27.8	6.4	46.4
66	34.5	13.9	53.9





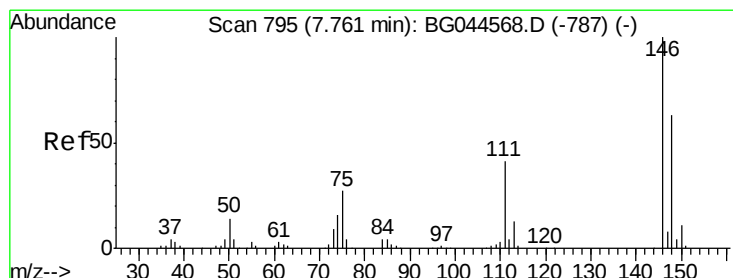
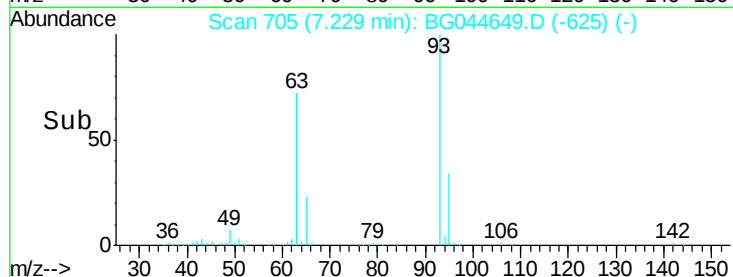
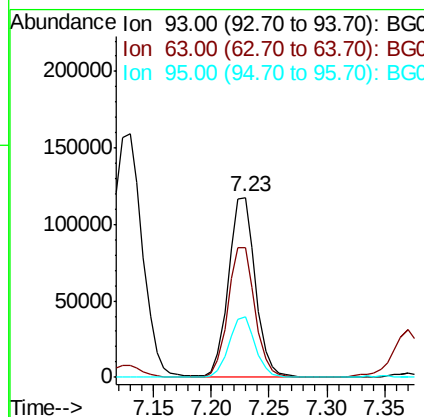
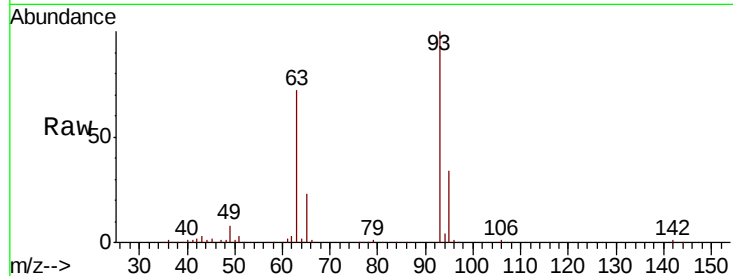
#11
bis(2-Chloroethyl)ether
Concen: 38.668 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	191292
Ion Ratio	Lower	Upper	
93	100		
63	72.1	48.9	88.9
95	33.8	11.3	51.3

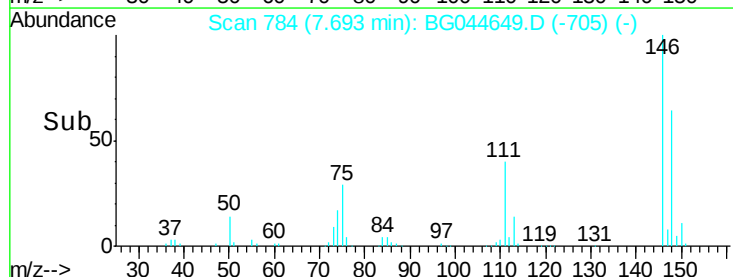
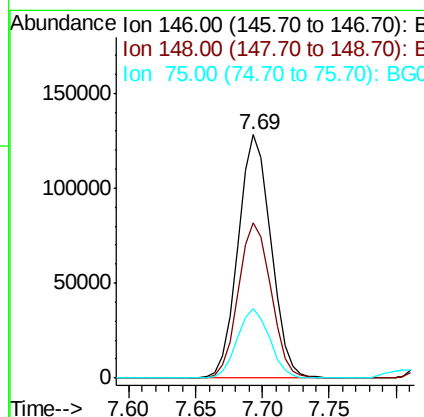
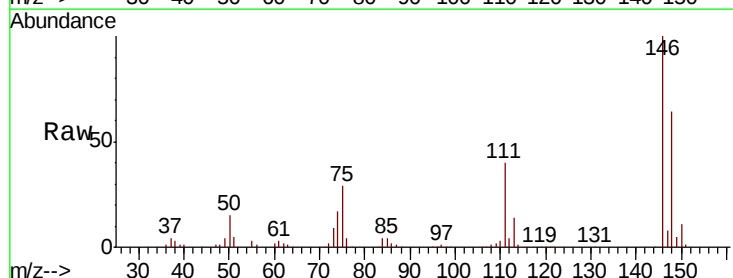
Manual Integrations
APPROVED

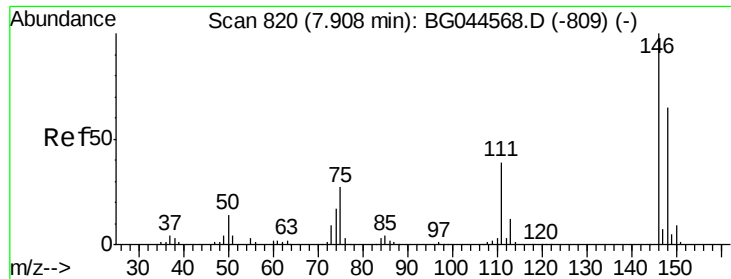
mohammad
3/3/2020 12:28:32 PM



#12
1,3-Dichlorobenzene
Concen: 37.743 ng
RT: 7.69 min Scan# 784
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion:	146	Resp:	218001
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	75.8
75	28.7	21.4	32.0





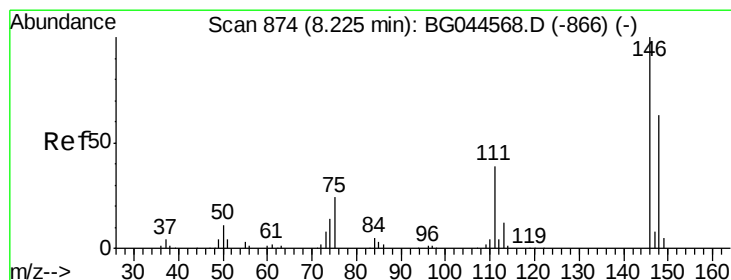
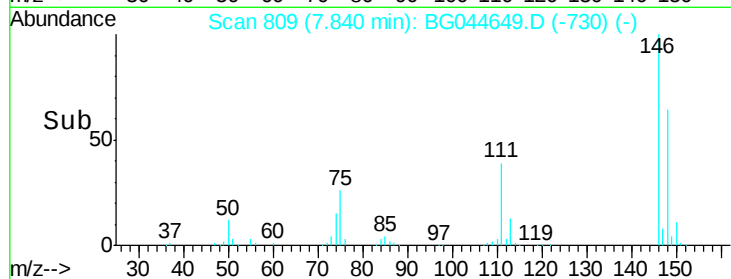
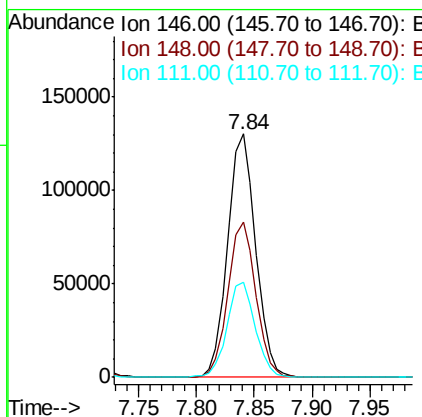
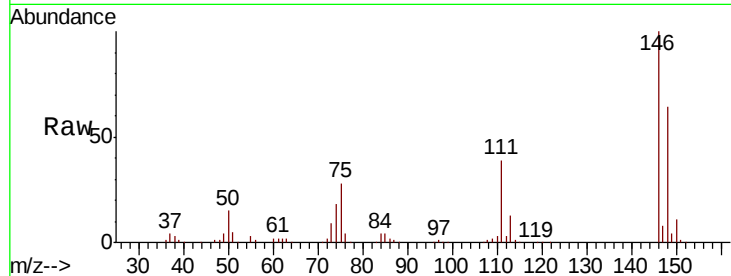
#13
 1,4-Dichlorobenzene
 Concen: 37.723 ng
 RT: 7.84 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	39.0	30.8	46.2

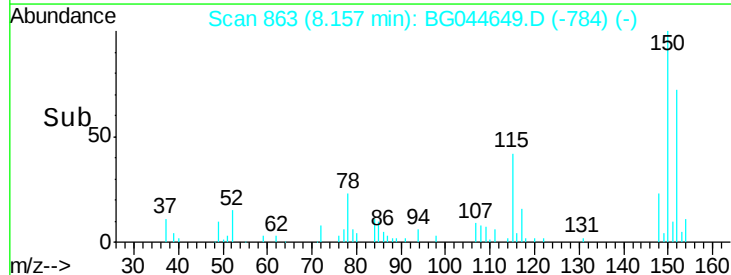
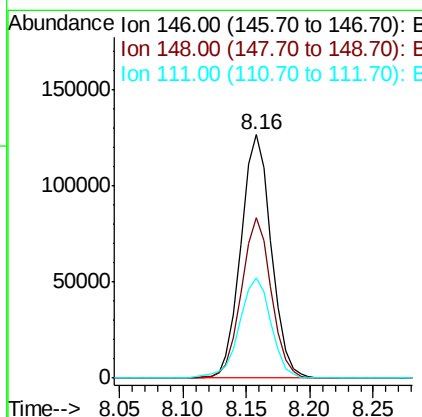
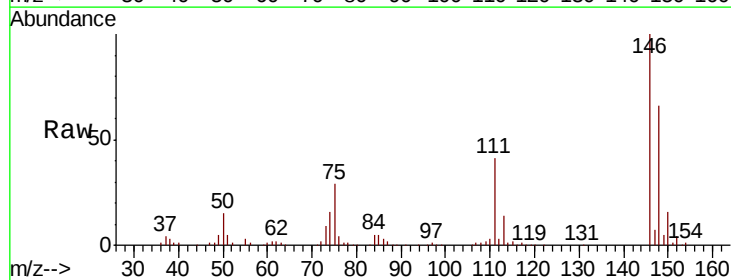
Manual Integrations
 APPROVED

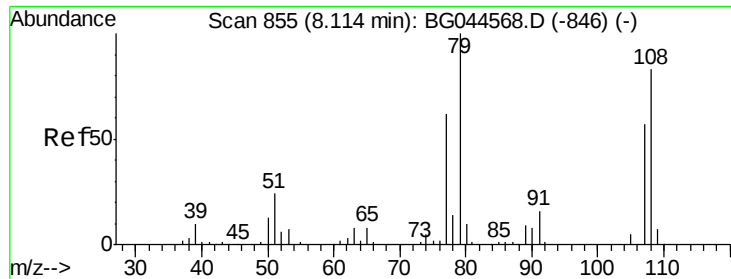
mohammad
 3/3/2020 12:28:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.957 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.07 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.7	76.1
111	41.1	31.8	47.6





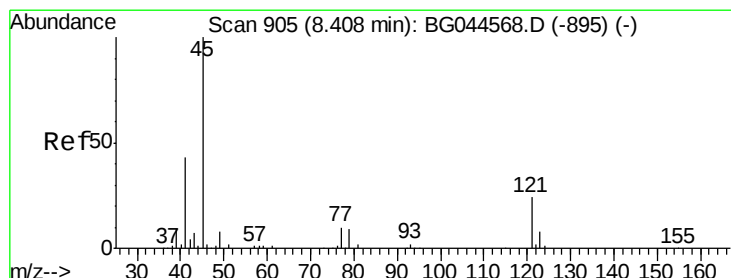
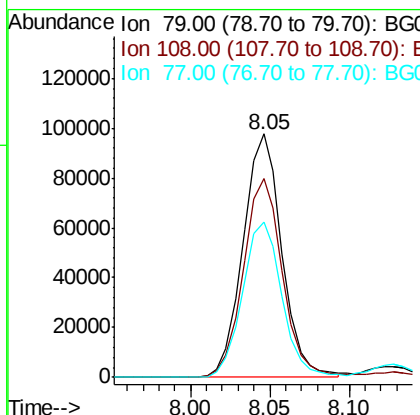
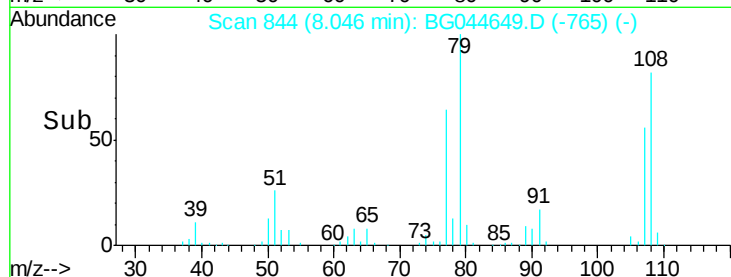
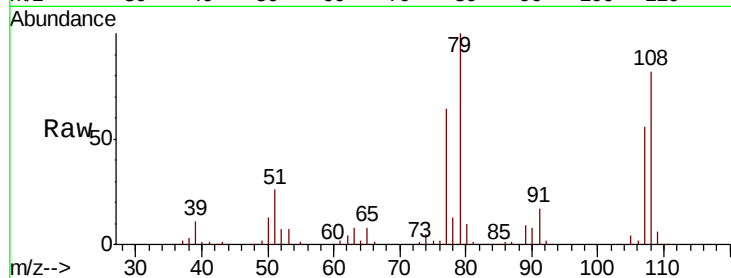
#15
Benzyl Alcohol
Concen: 40.497 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	81.6	66.0	99.0	
77	63.7	49.6	74.4	

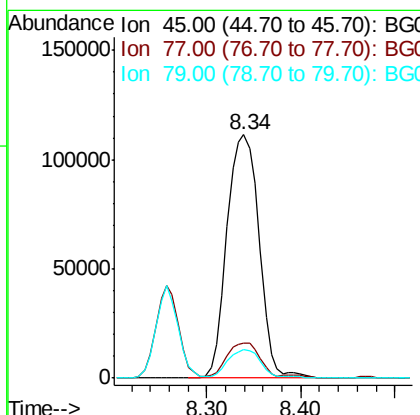
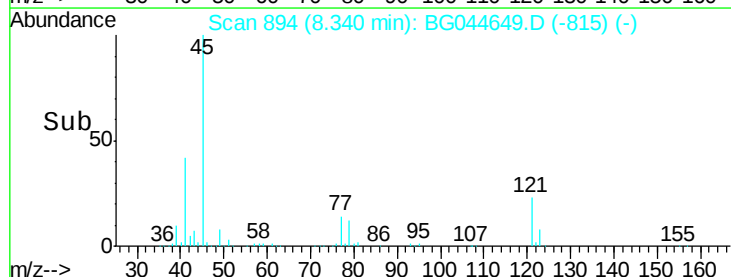
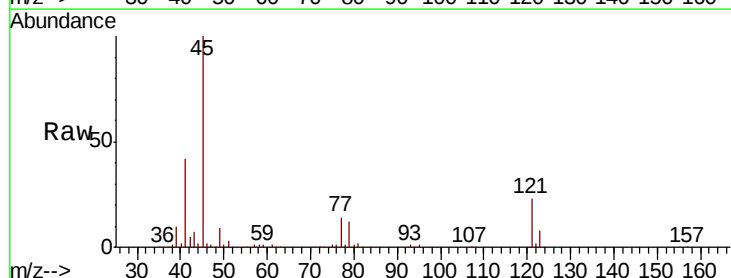
Manual Integrations
APPROVED

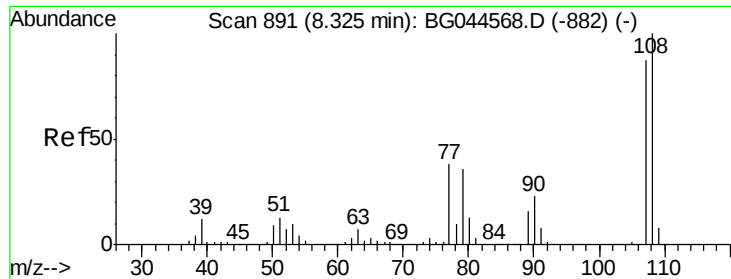
mohammad
3/3/2020 12:28:32 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.799 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.5	0.0	34.4	
79	11.9	0.0	32.3	





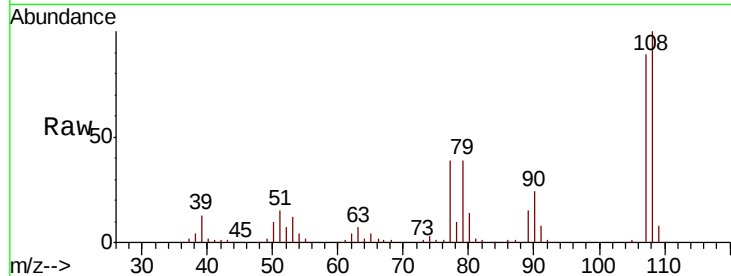
#17
2-Methylphenol
Concen: 38.790 ng
RT: 8.26 min Scan# 880
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	91.7	137.5	
77	44.2	35.1	52.7	
79	44.3	33.2	49.8	

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



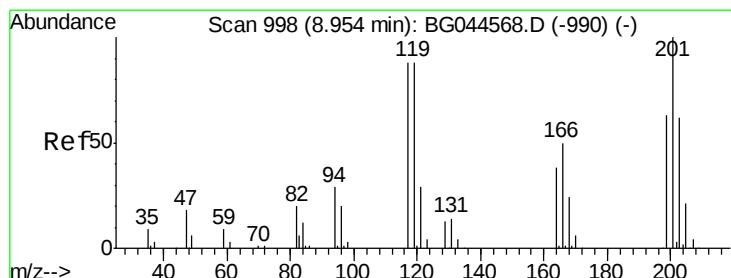
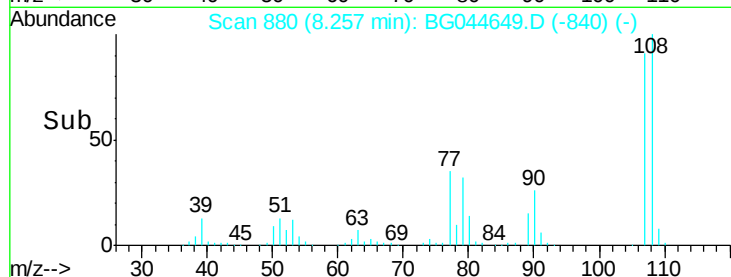
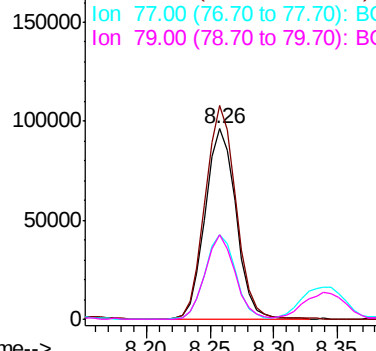
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

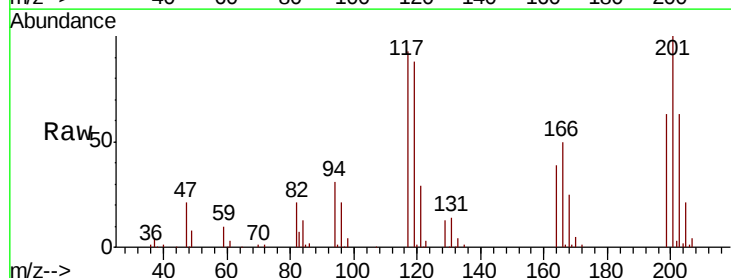
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.579 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	80.0	120.0	
201	108.0	90.5	135.7	

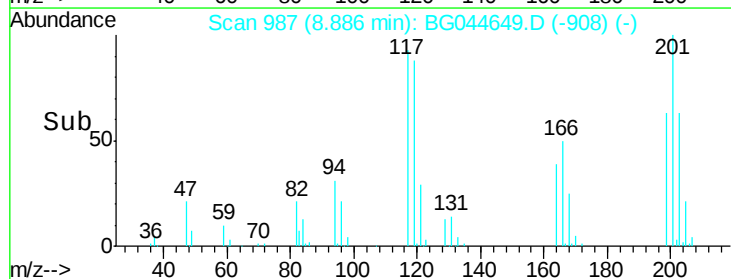
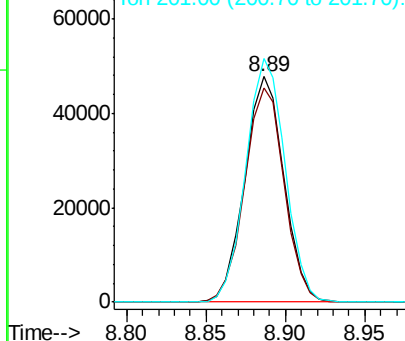


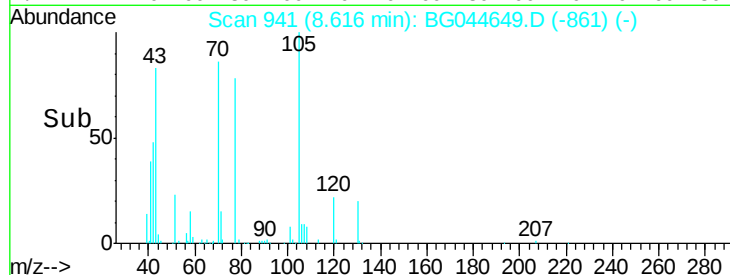
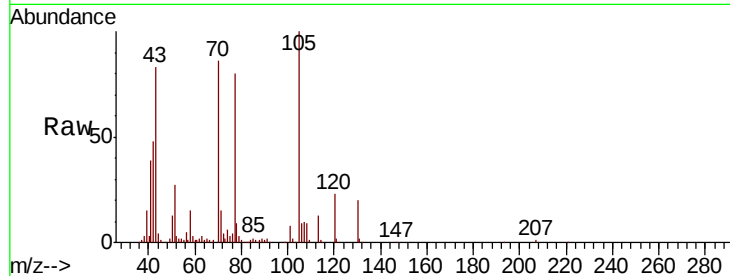
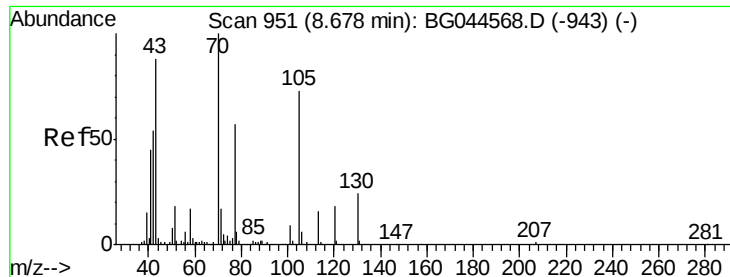
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





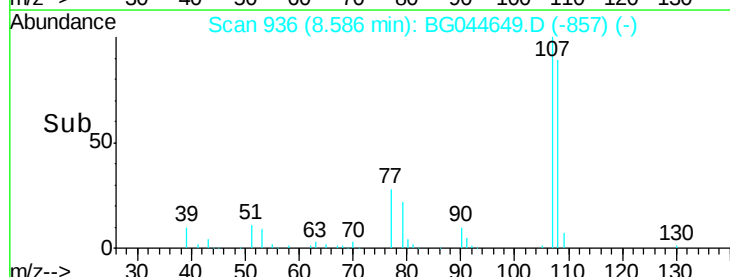
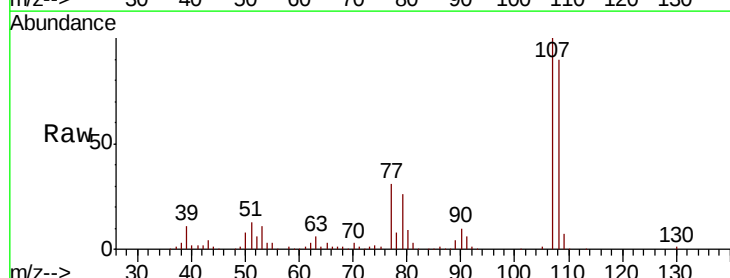
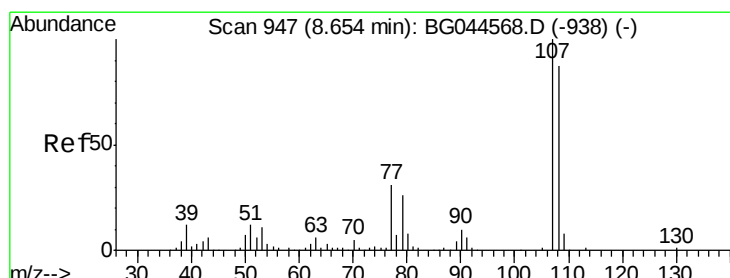
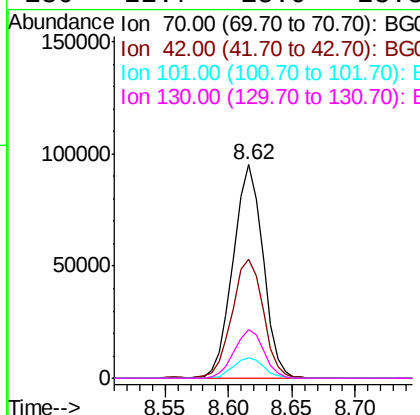
#19
n-Nitroso-di-n-propylamine
Concen: 40.066 ng
RT: 8.62 min Scan# 941
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.9	43.4	65.0
101	9.5	7.5	11.3
130	22.7	18.9	28.3

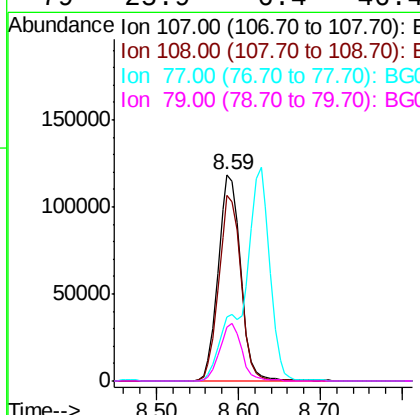
Manual Integrations
APPROVED

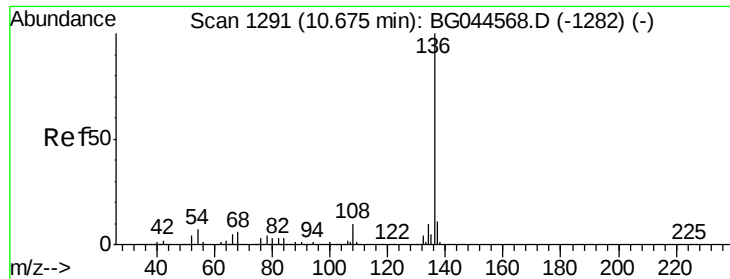
mohammad
3/3/2020 12:28:32 PM



#20
3+4-Methylphenols
Concen: 39.347 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.5	107.5
77	31.3	11.3	51.3
79	25.9	6.4	46.4





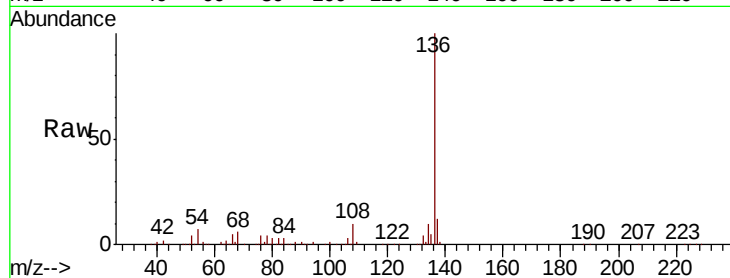
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	303171		
137	11.9		8.8	13.2
54	7.3		5.7	8.5
68	5.6		4.5	6.7

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



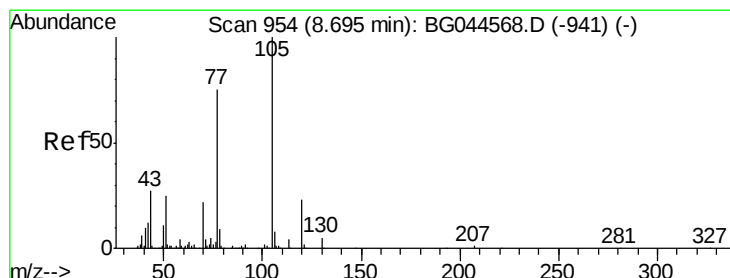
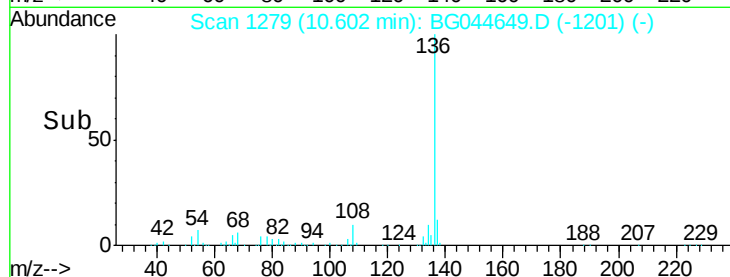
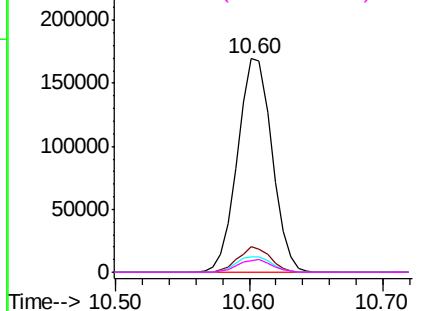
Abundance

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: 37.628 ng
RT: 8.63 min Scan# 943
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	286413		
71	5.5		2.8	4.2#
51	25.0		19.9	29.9
120	24.3		18.6	28.0

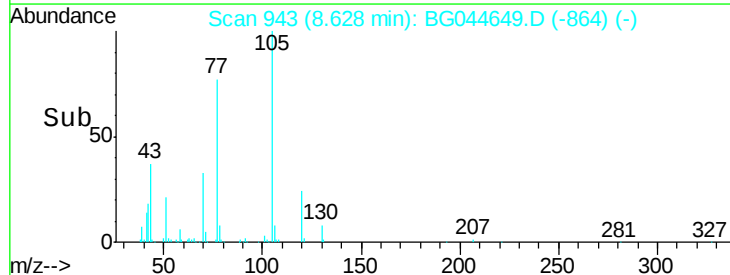
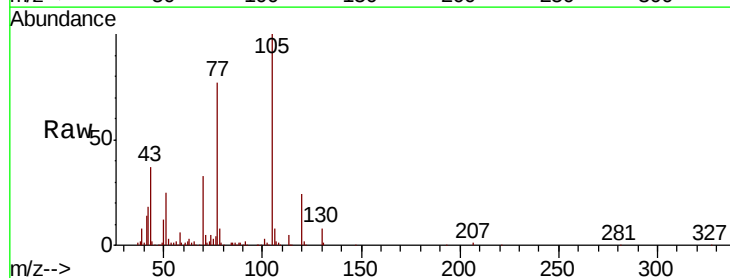
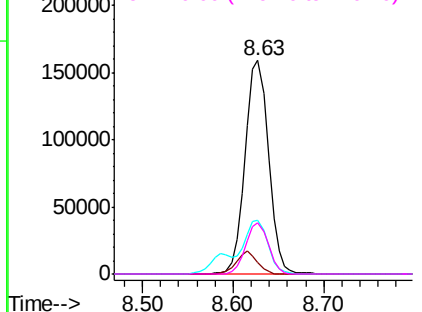
Abundance

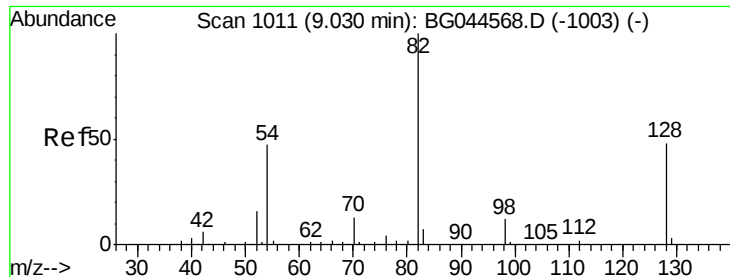
Ion 105.00 (104.70 to 105.70): E

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





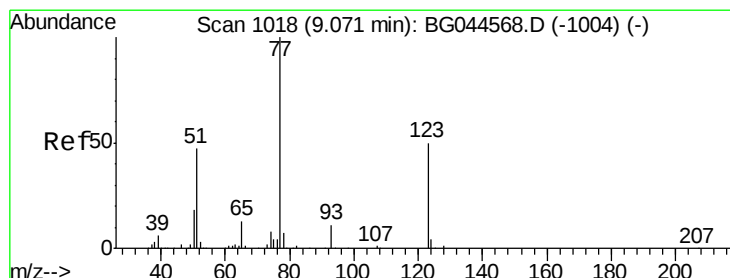
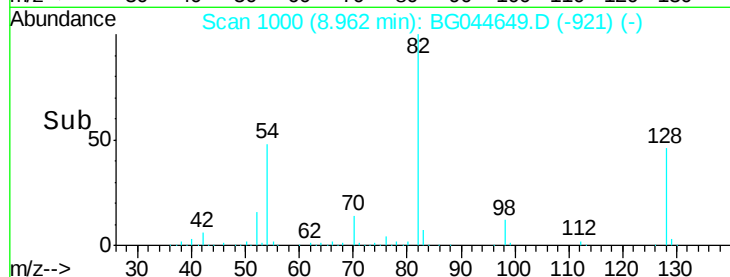
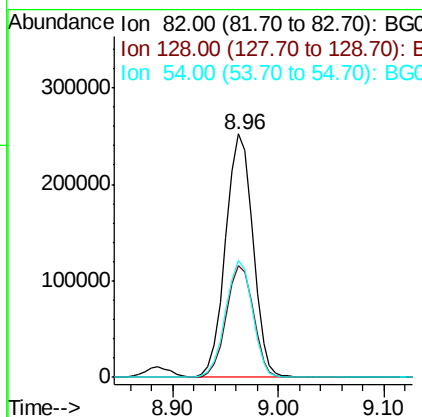
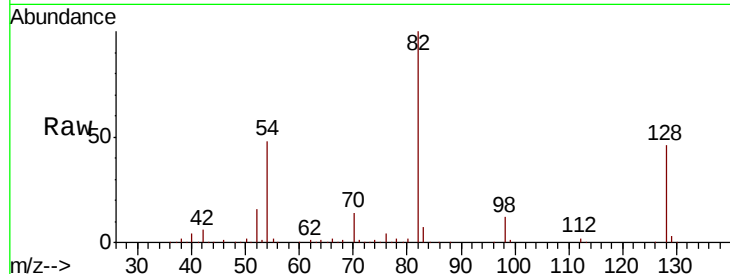
#23
 Nitrobenzene-d5
 Concen: 76.423 ng
 RT: 8.96 min Scan# 1000
 Delta R.T. -0.07 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	449725		
128	45.8		38.1	57.1
54	48.1		37.5	56.3

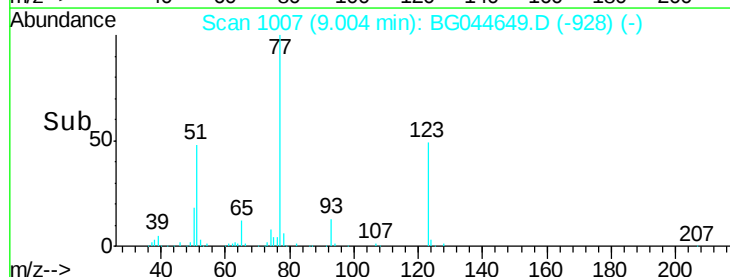
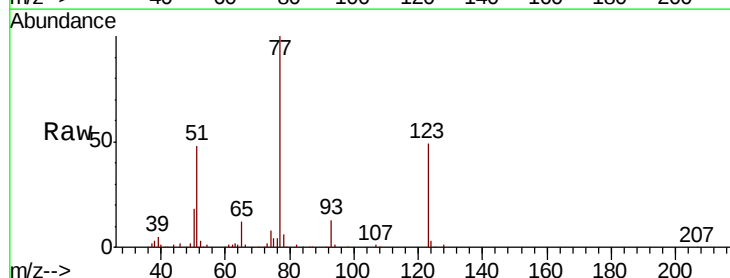
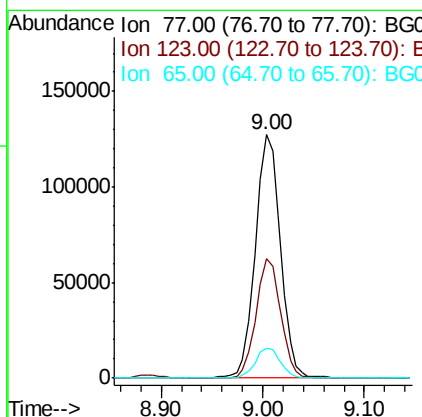
Manual Integrations
 APPROVED

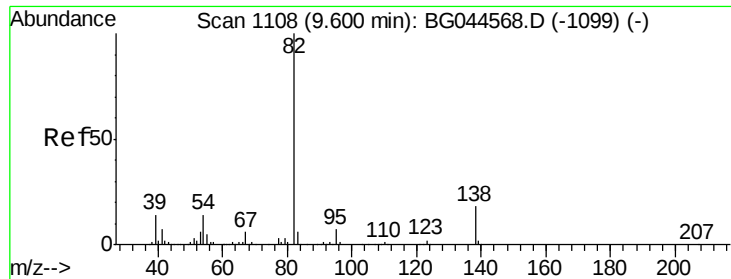
mohammad
 3/3/2020 12:28:32 PM



#24
 Nitrobenzene
 Concen: 38.358 ng
 RT: 9.00 min Scan# 1007
 Delta R.T. -0.07 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	218690		
123	49.1		40.1	60.1
65	12.0		10.4	15.6





#25

Isophorone

Concen: 38.306 ng

RT: 9.53 min Scan# 1097

Delta R.T. -0.07 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Instrument :

BNA_G

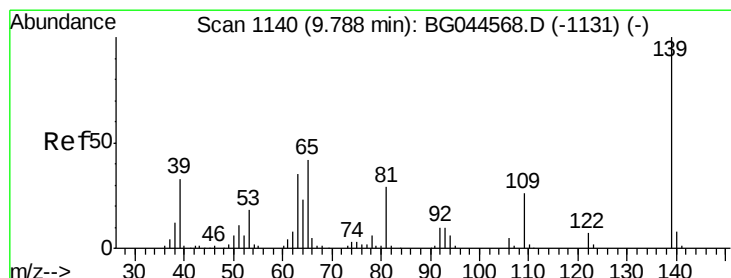
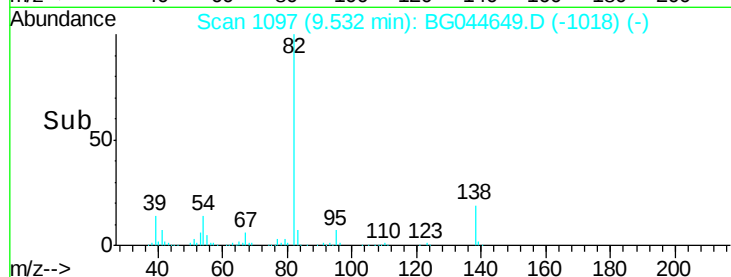
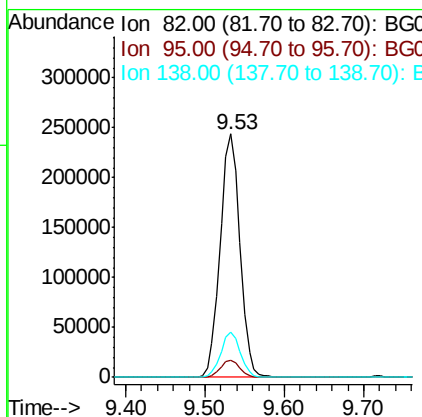
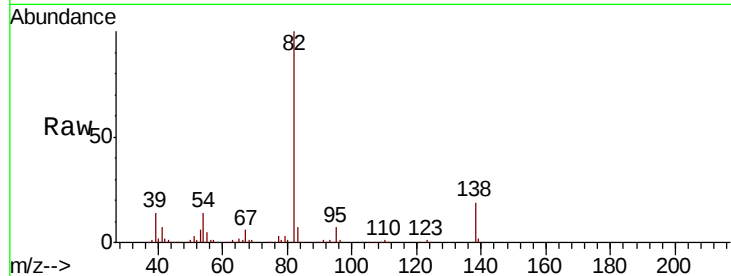
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	421694
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.6	8.4
138	18.8	14.7	22.1

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



#26

2-Nitrophenol

Concen: 37.090 ng

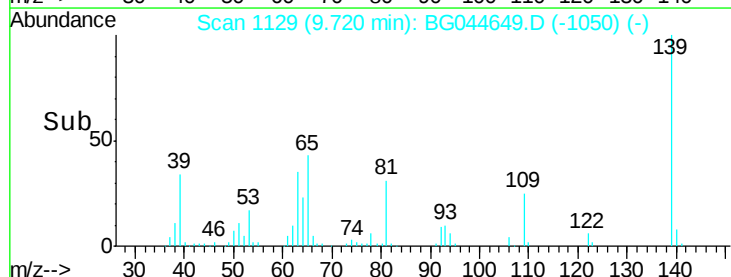
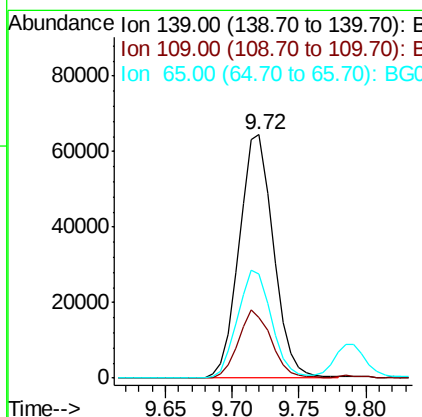
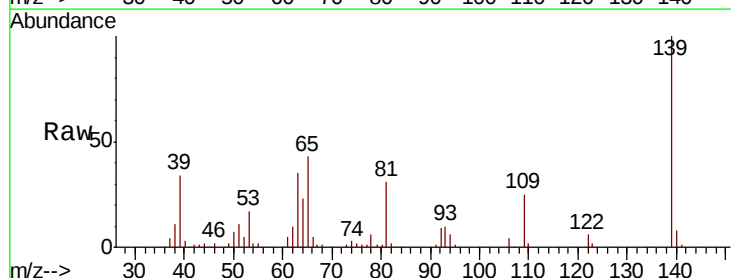
RT: 9.72 min Scan# 1129

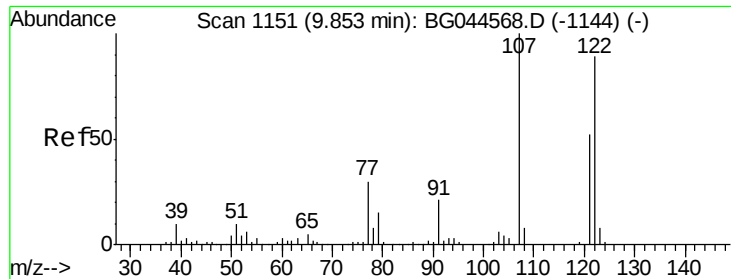
Delta R.T. -0.07 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Tgt Ion:	139	Resp:	114681
Ion Ratio	Lower	Upper	
139	100		
109	24.8	20.6	31.0
65	42.7	33.3	49.9





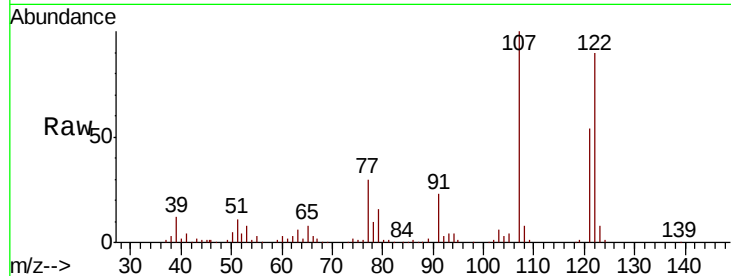
#27
 2,4-Dimethylphenol
 Concen: 37.888 ng
 RT: 9.79 min Scan# 1141
 Delta R.T. -0.06 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	89.4	134.0
121	59.9	46.5	69.7

Manual Integrations
 APPROVED

mohammad
 3/3/2020 12:28:32 PM

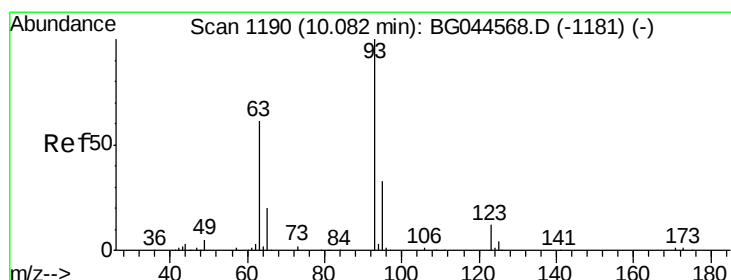
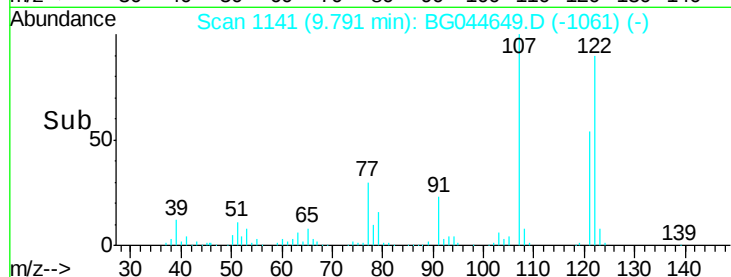
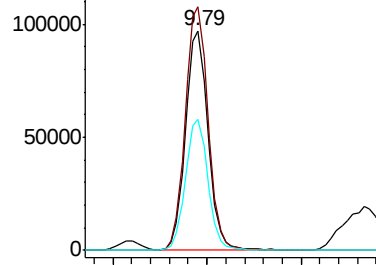


Abundance

Ion 122.00 (121.70 to 122.70): E

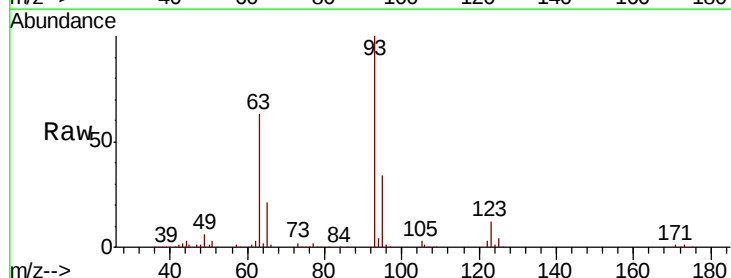
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.920 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.07 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.5	39.7
123	11.7	9.7	14.5

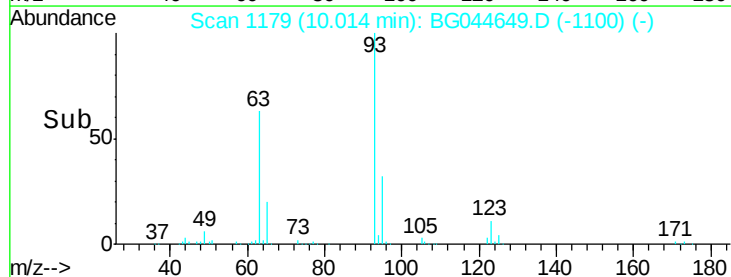
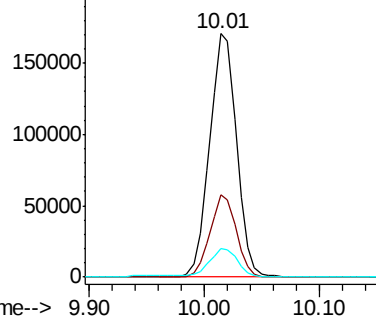


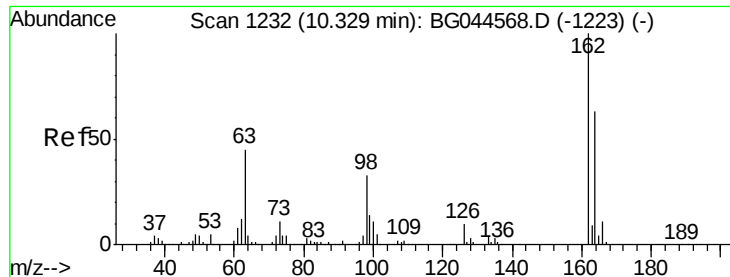
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





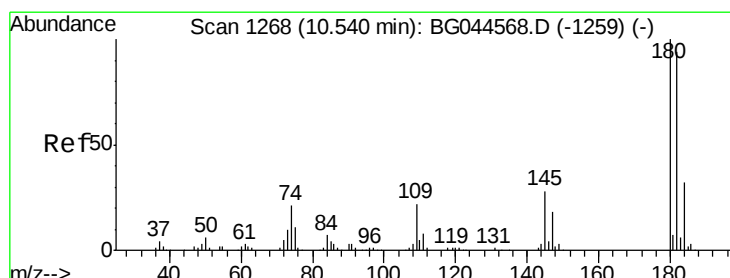
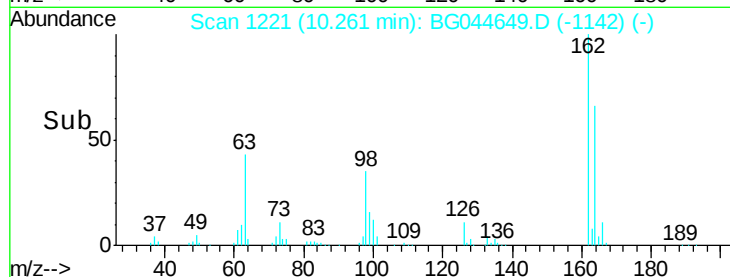
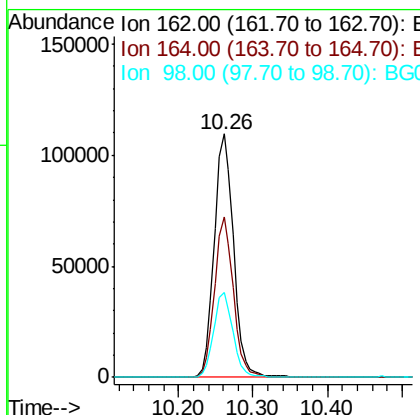
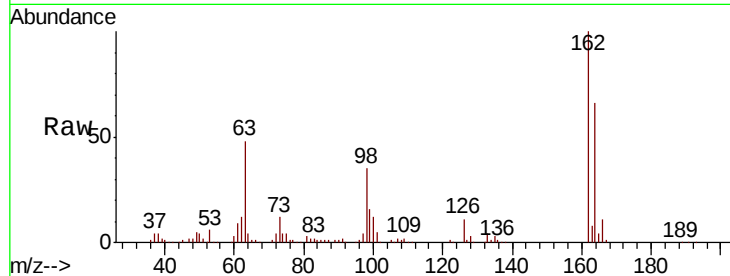
#29
2,4-Dichlorophenol
Concen: 37.988 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	197169		
164	65.9	43.2	83.2	
98	35.1	13.2	53.2	

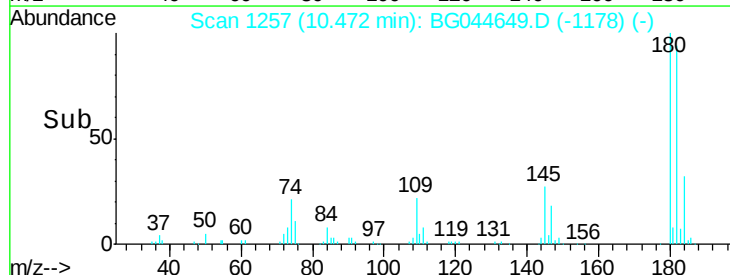
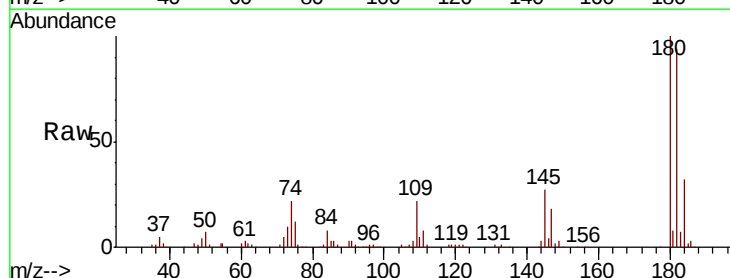
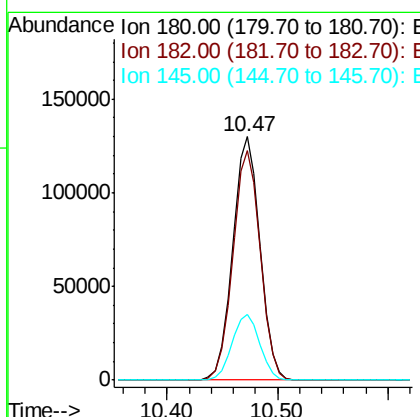
Manual Integrations
APPROVED

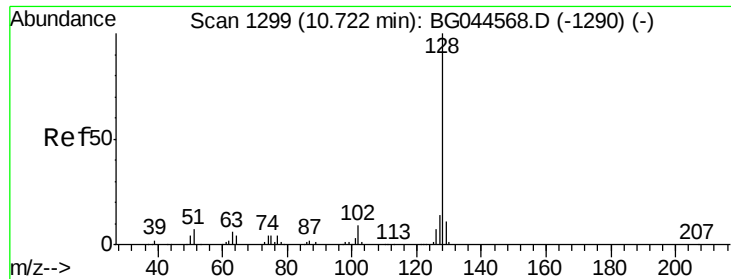
mohammad
3/3/2020 12:28:32 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.388 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	224423		
182	94.1	75.6	113.4	
145	27.2	22.2	33.2	





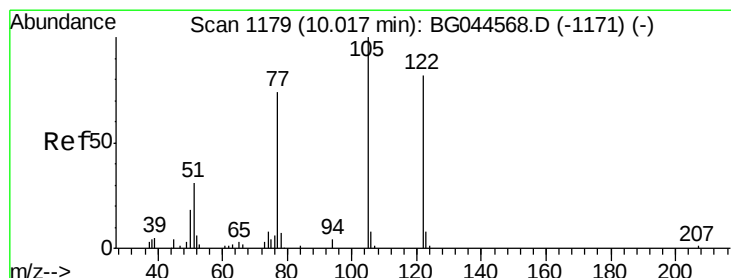
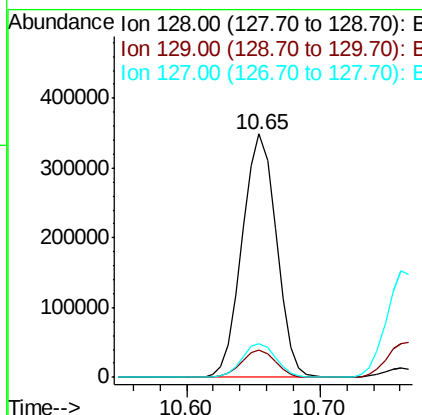
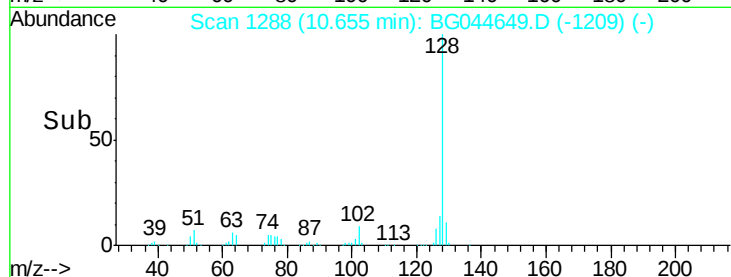
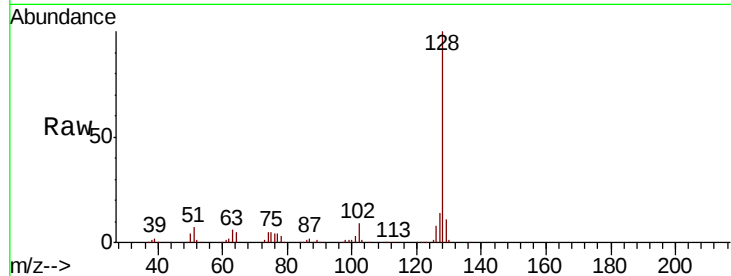
#31
Naphthalene
Concen: 37.448 ng
RT: 10.65 min Scan# 1288
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.1	11.0	16.4

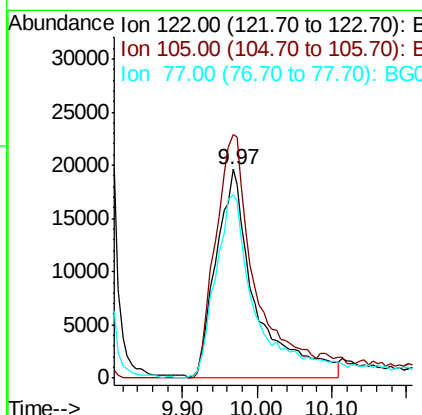
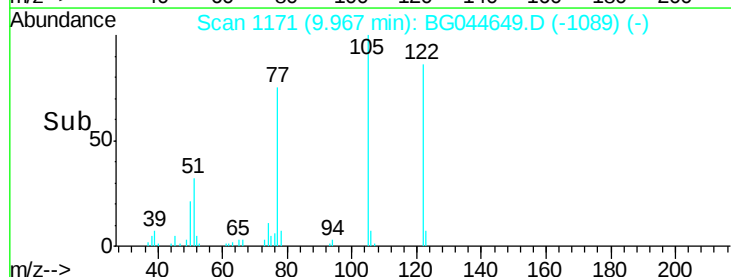
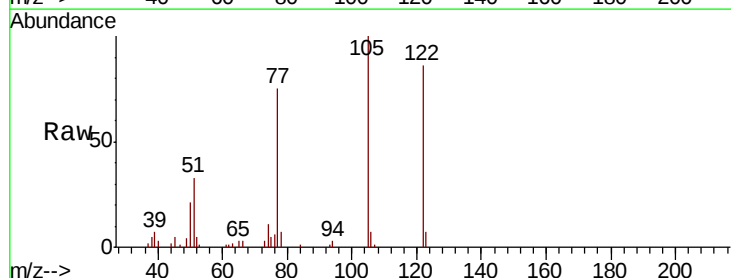
Manual Integrations
APPROVED

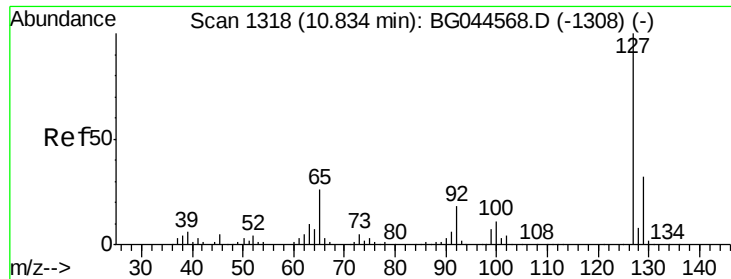
mohammad
3/3/2020 12:28:32 PM



#32
Benzoic acid
Concen: 46.434 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.05 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.6	101.4	141.4
77	87.9	69.8	109.8





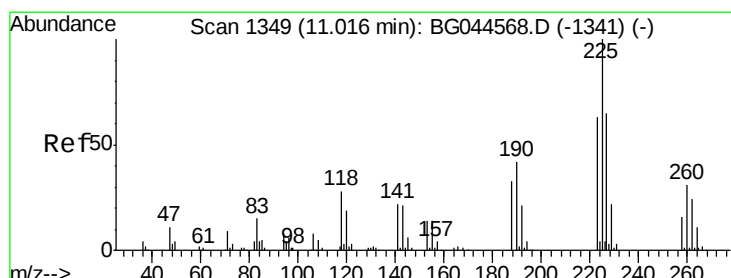
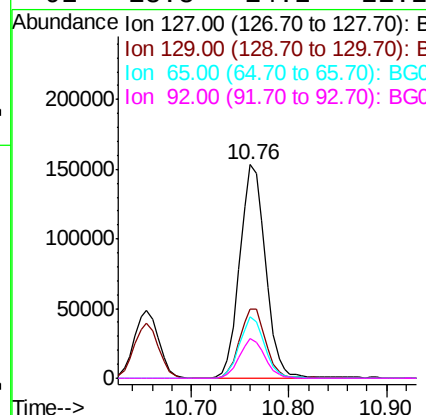
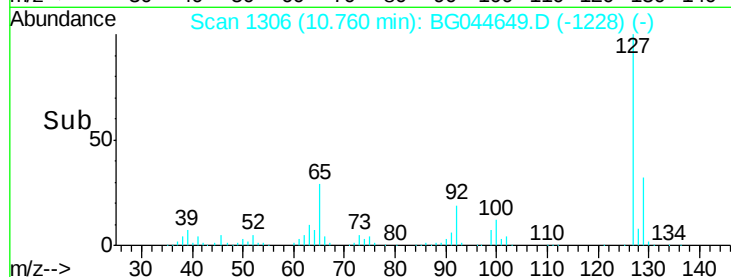
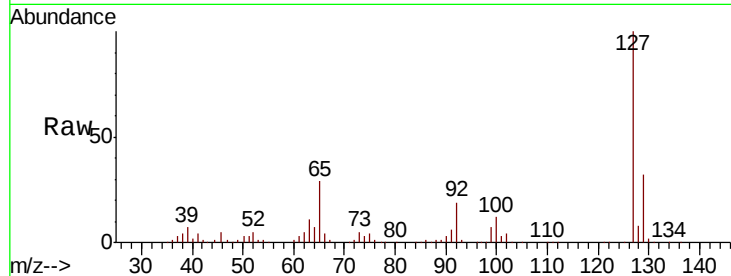
#33
4-Chloroaniline
Concen: 38.797 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	28.6	20.7	31.1
92	18.8	14.2	21.2

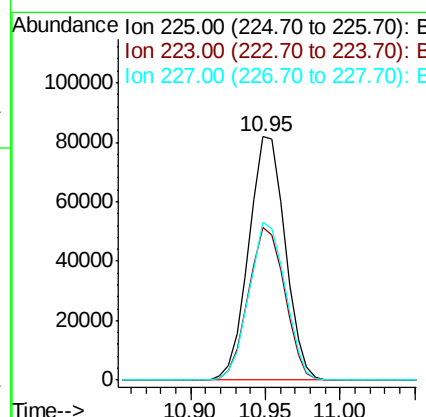
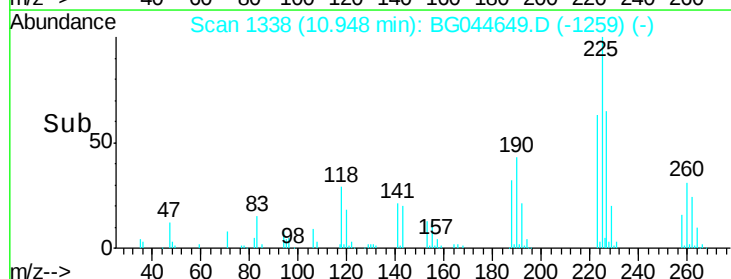
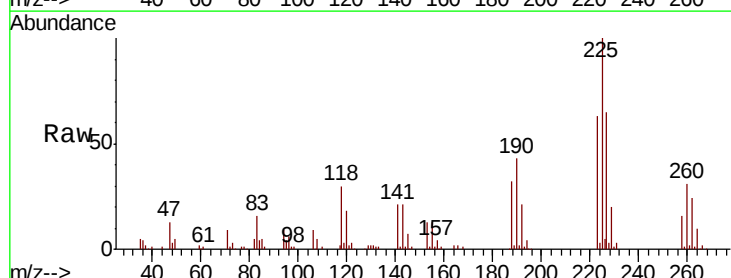
Manual Integrations
APPROVED

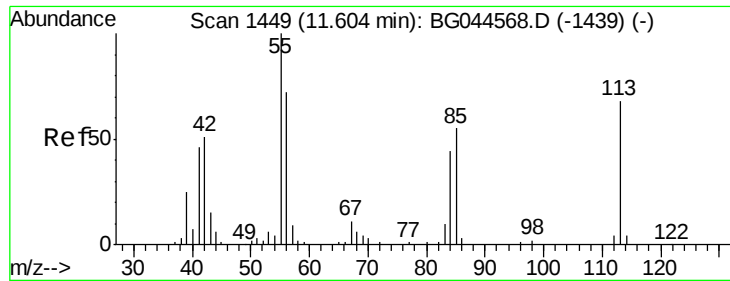
mohammad
3/3/2020 12:28:32 PM



#34
Hexachlorobutadiene
Concen: 36.688 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.7	52.1	78.1





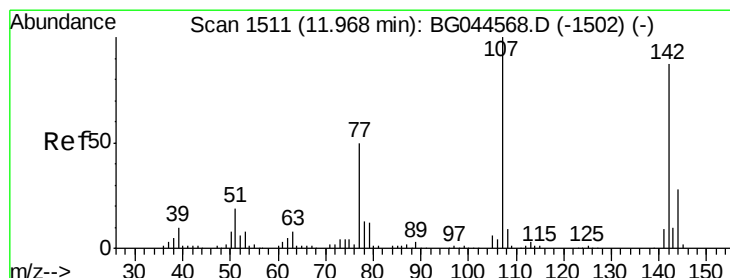
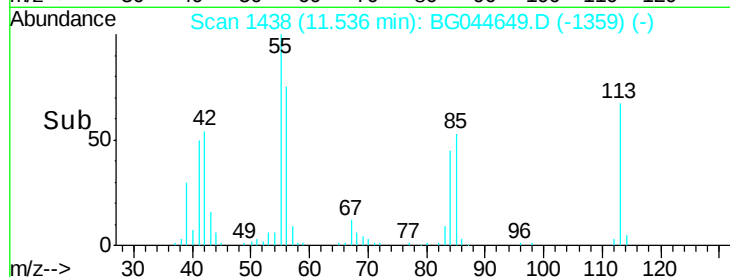
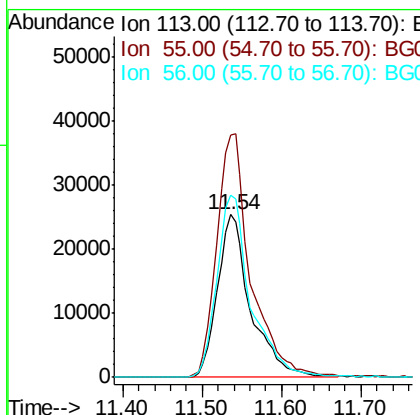
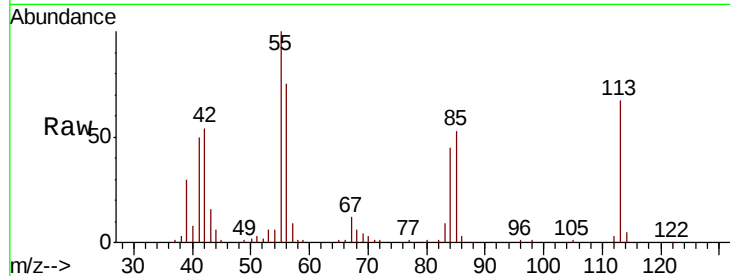
#35
 Caprolactam
 Concen: 39.656 ng
 RT: 11.54 min Scan# 1438
 Delta R.T. -0.07 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	149.1	127.8	167.8
56	112.2	86.9	126.9

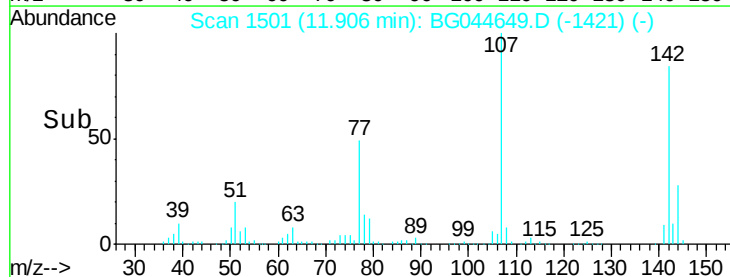
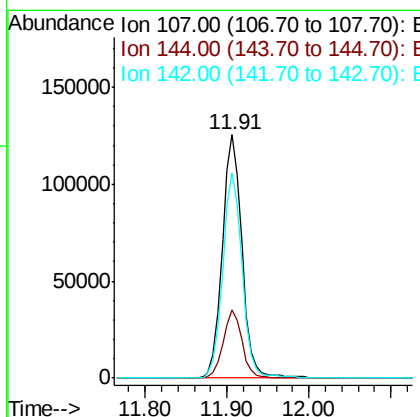
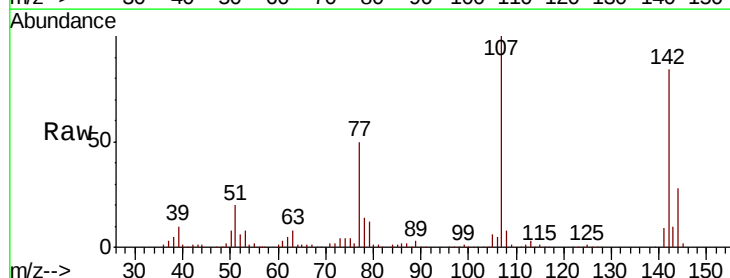
Manual Integrations
 APPROVED

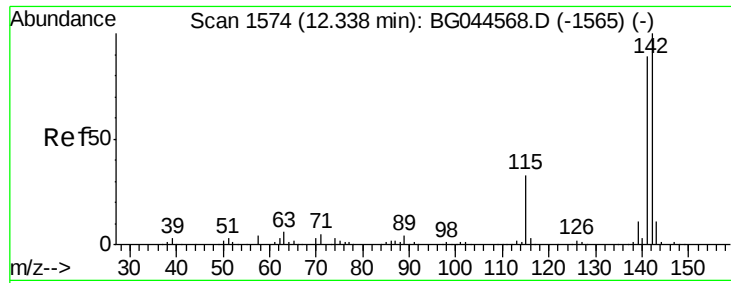
mohammad
 3/3/2020 12:28:32 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.294 ng
 RT: 11.91 min Scan# 1501
 Delta R.T. -0.06 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.3	33.5
142	84.3	69.3	103.9





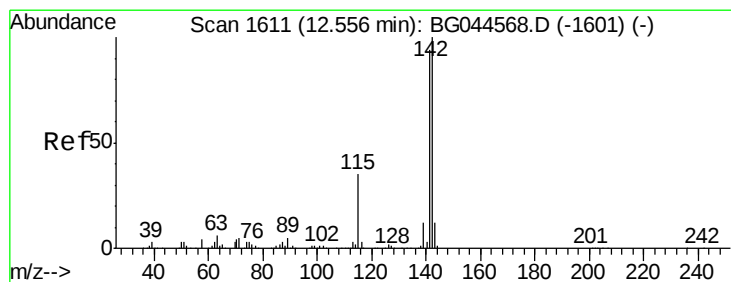
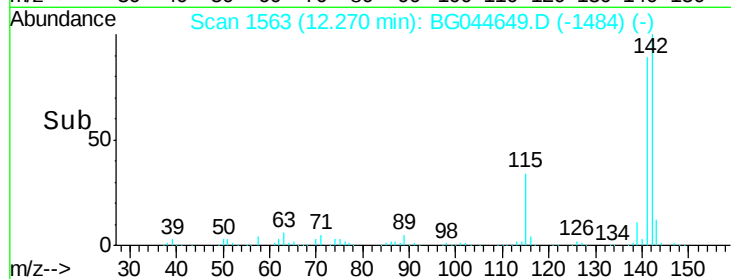
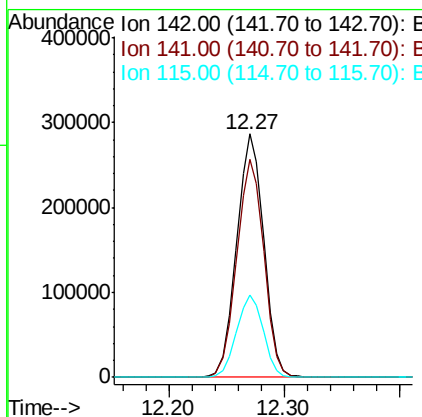
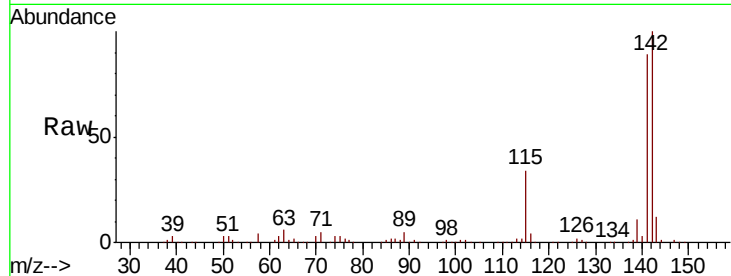
#37
2-Methylnaphthalene
Concen: 37.903 ng
RT: 12.27 min Scan# 1563
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	33.9	26.2	39.2

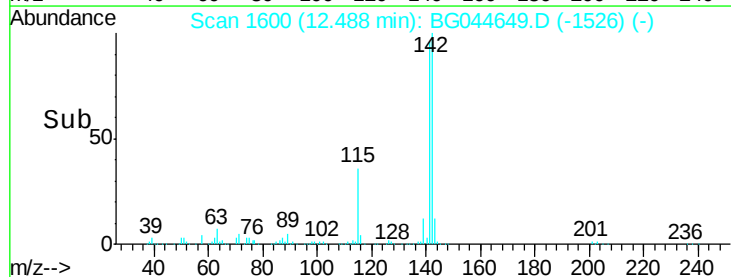
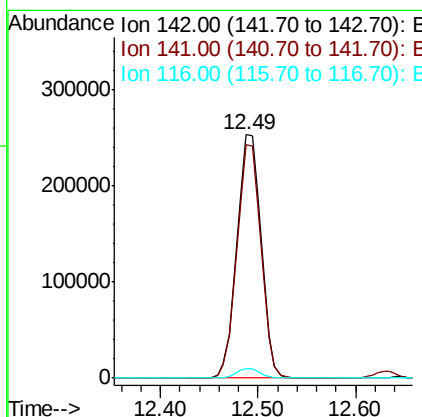
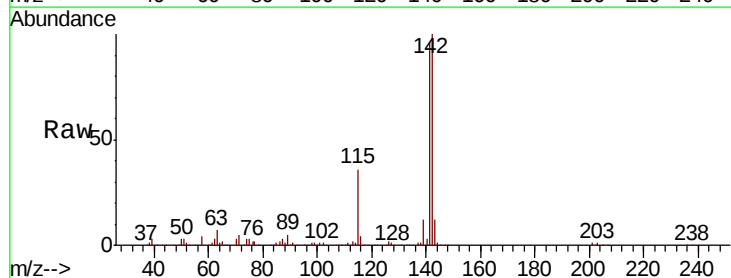
Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



#38
1-Methylnaphthalene
Concen: 37.756 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.0	75.1	112.7
116	3.9	2.6	4.0





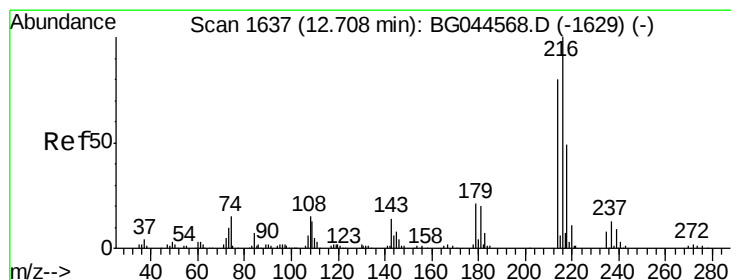
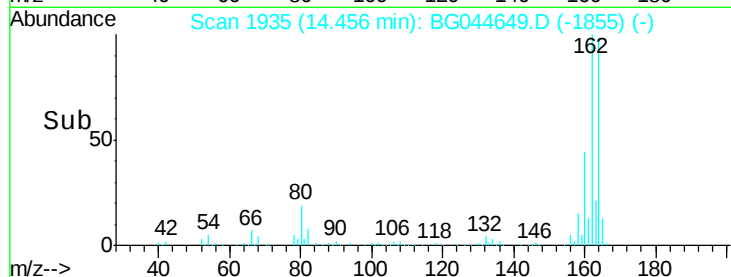
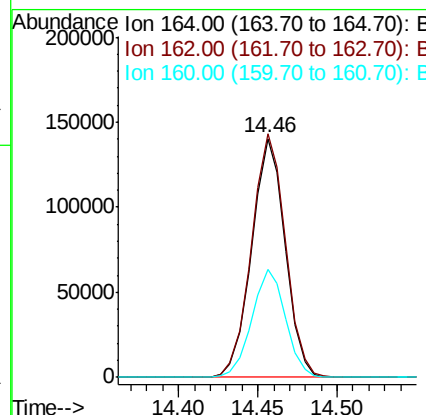
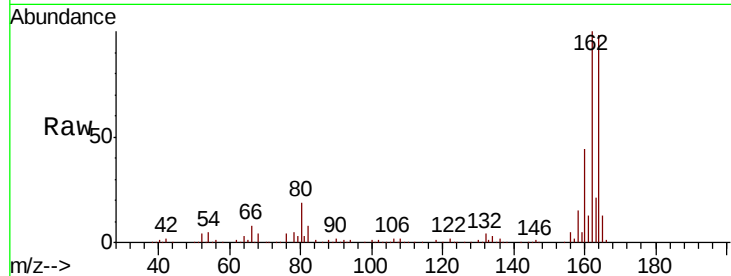
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	83.6	125.4	
160	45.3	36.2	54.4	

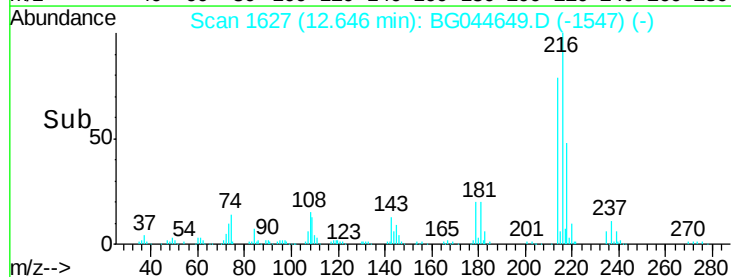
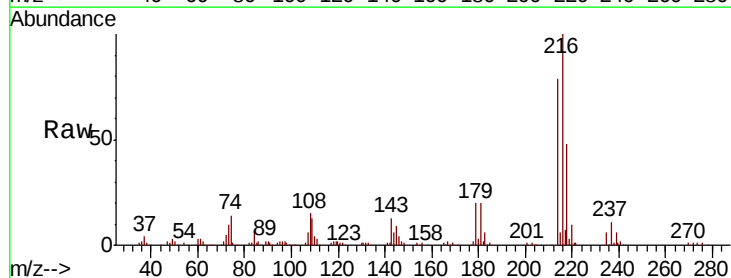
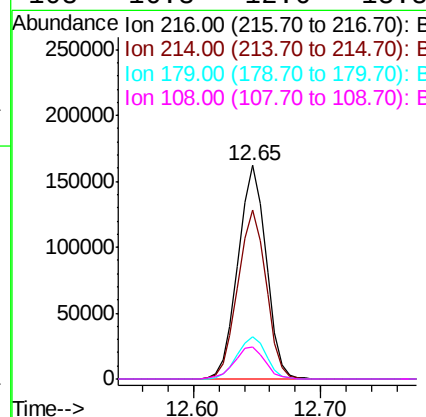
Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.962 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.3	94.9	
179	20.3	16.2	24.2	
108	16.3	12.6	18.8	





#41

Hexachlorocyclopentadiene

Concen: 34.208 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.06 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Instrument :

BNA_G

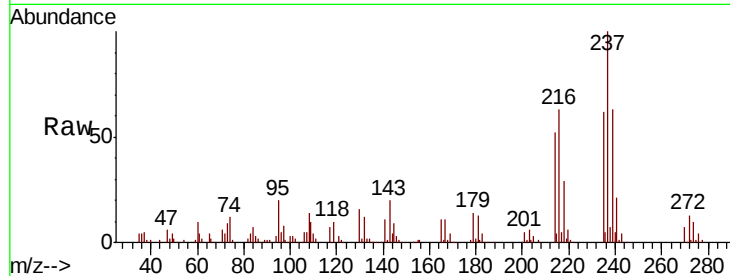
ClientSampleId :

SSTDCCC040

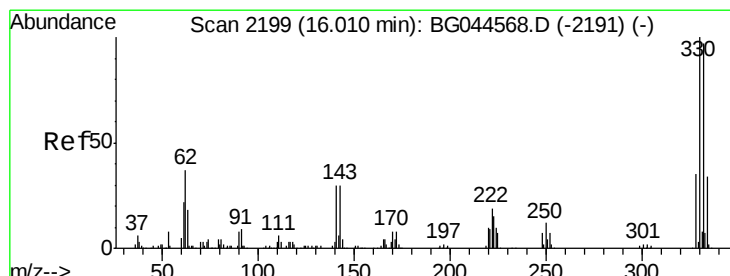
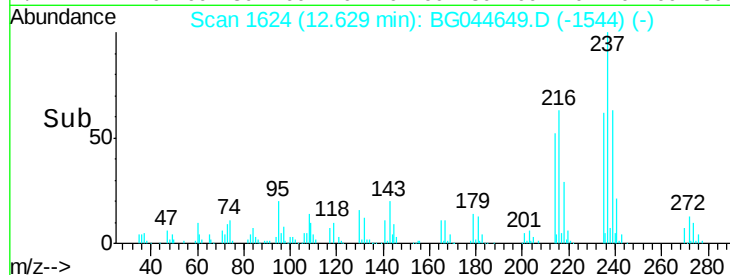
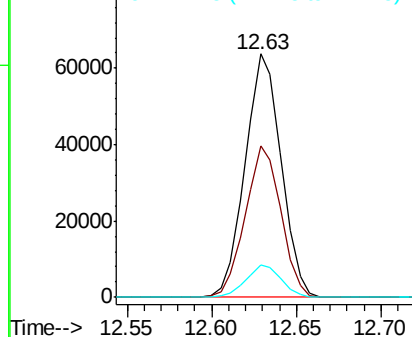
Tot Ion:	237	Resp:	94741
Ion Ratio	Lower	Upper	
237	100		
235	62.1	40.7	80.7
272	13.1	0.0	32.7

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 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: 75.288 ng

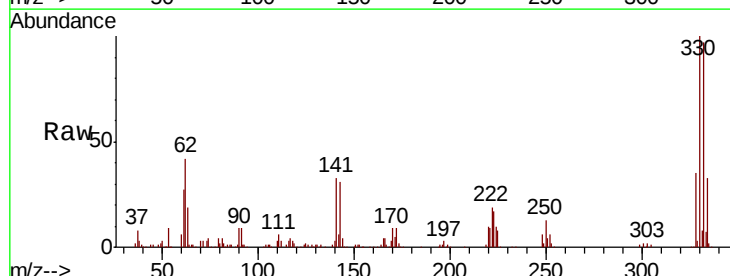
RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

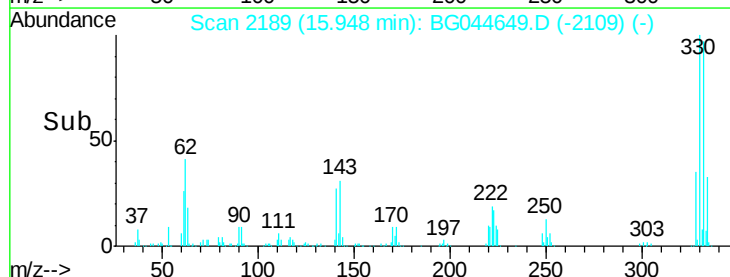
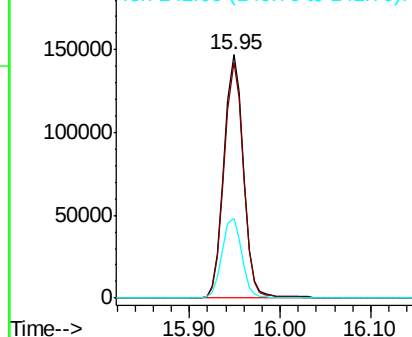
Lab File: BG044649.D

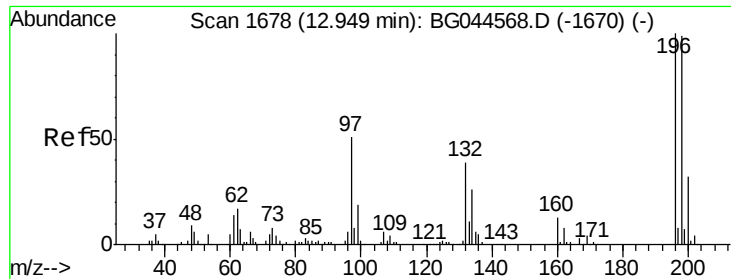
Acq: 3 Mar 2020 2:23

Tgt Ion:	330	Resp:	219647
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.4	116.0
141	33.2	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





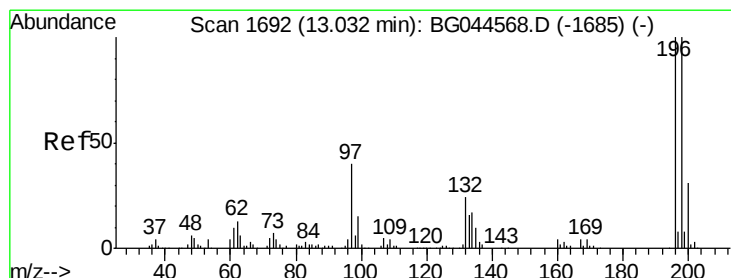
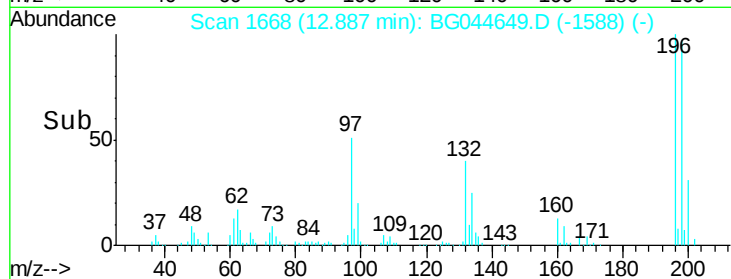
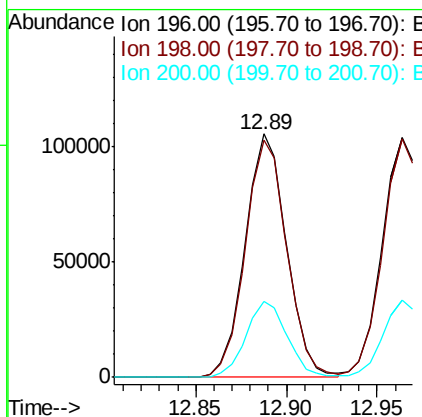
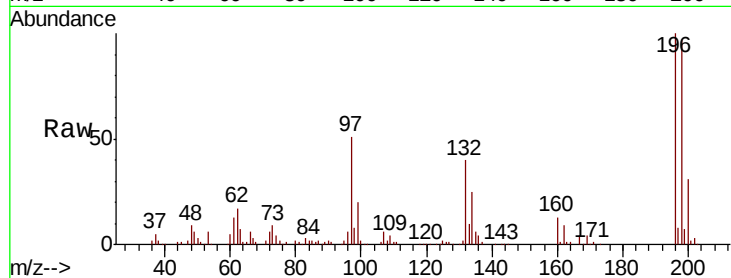
#43
 2,4,6-Trichlorophenol
 Concen: 37.206 ng
 RT: 12.89 min Scan# 1668
 Delta R.T. -0.06 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Instrument :
 BNA_G
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	167336		
198	97.4	79.2	118.8	
200	31.4	25.7	38.5	

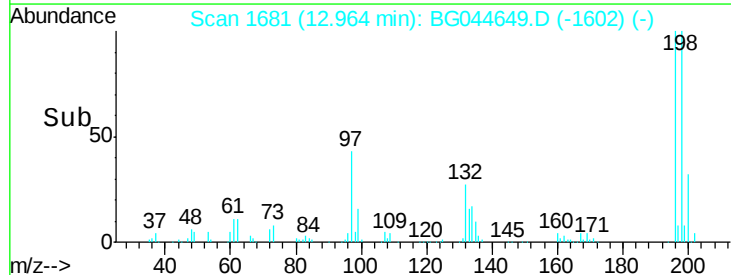
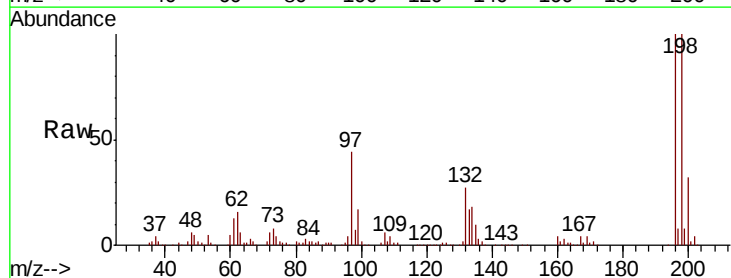
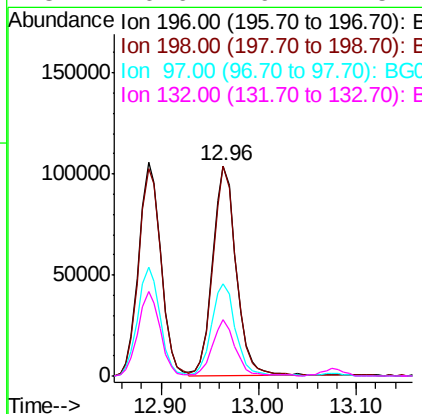
Manual Integrations
 APPROVED

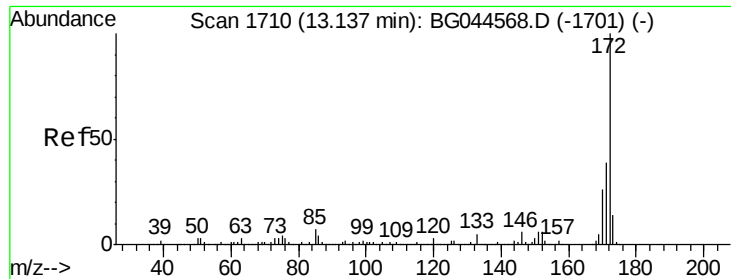
mohammad
 3/3/2020 12:28:32 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.527 ng
 RT: 12.96 min Scan# 1681
 Delta R.T. -0.07 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	173380		
198	99.7	79.3	118.9	
97	43.6	32.3	48.5	
132	26.6	19.1	28.7	





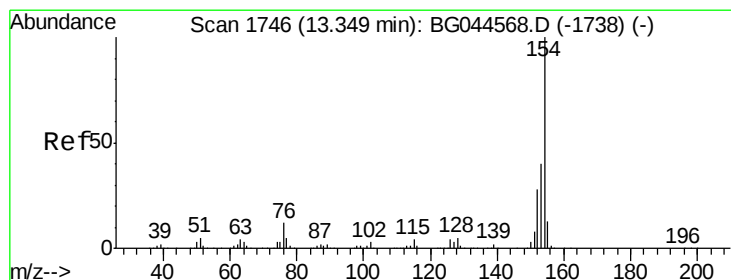
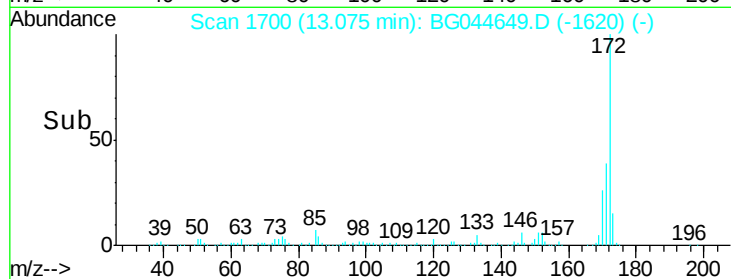
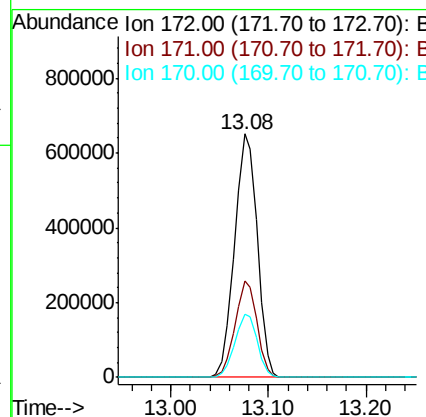
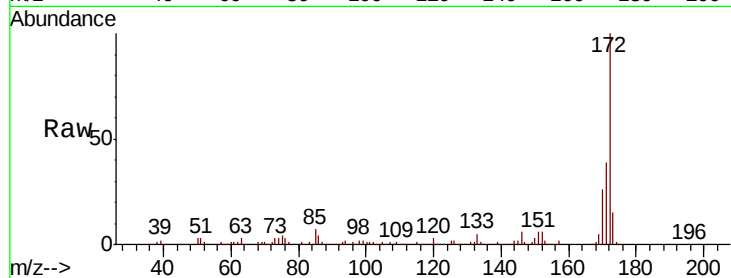
#45
2-Fluorobiphenyl
Concen: 72.825 ng
RT: 13.08 min Scan# 1700
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.3	46.9
170	26.2	21.0	31.4

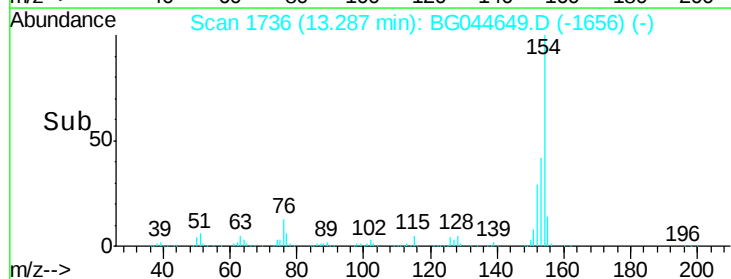
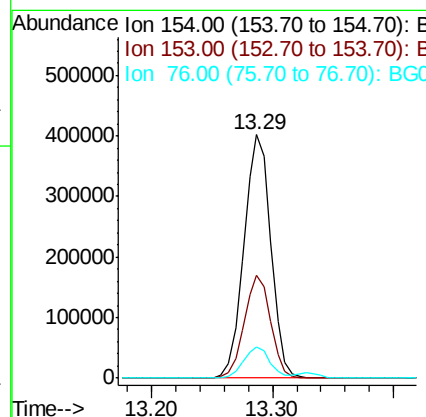
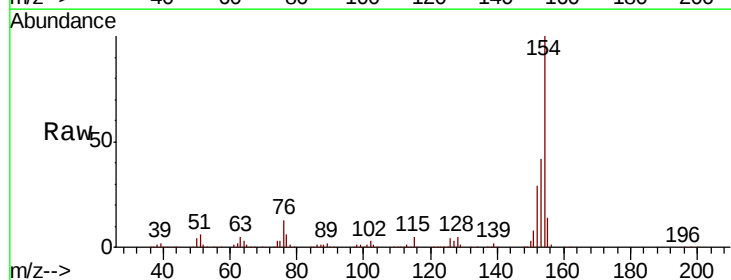
Manual Integrations
APPROVED

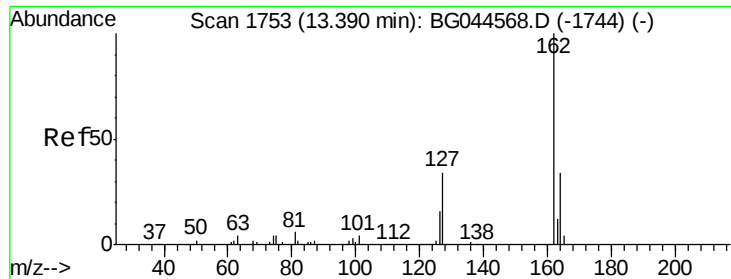
mohammad
3/3/2020 12:28:32 PM



#46
1,1'-Biphenyl
Concen: 36.451 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.2	60.2
76	12.9	0.0	31.8





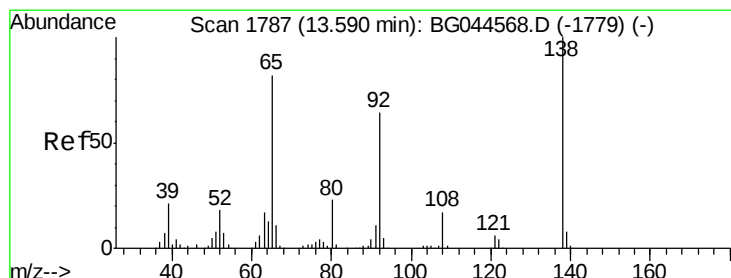
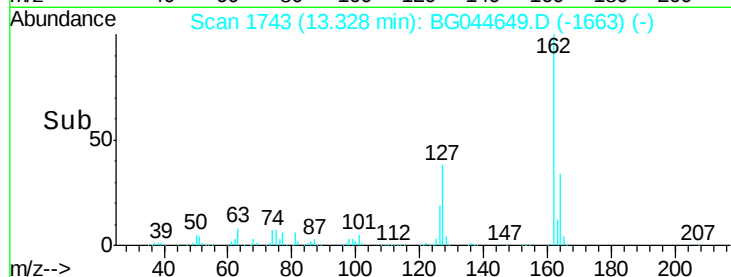
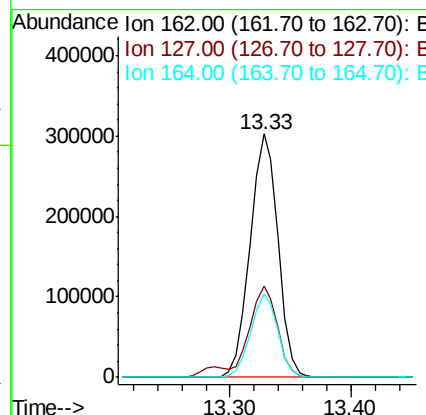
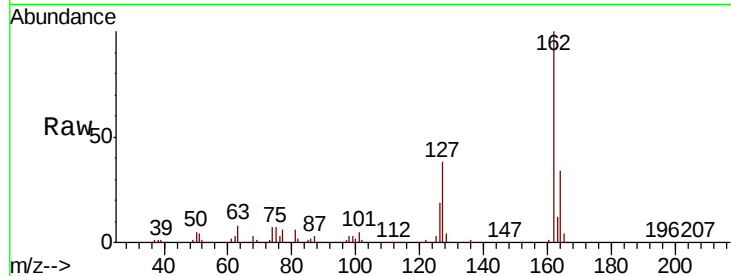
#47
 2-Chloronaphthalene
 Concen: 36.451 ng
 RT: 13.33 min Scan# 1743
 Delta R.T. -0.06 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	28.7	43.1
164	34.1	27.3	40.9

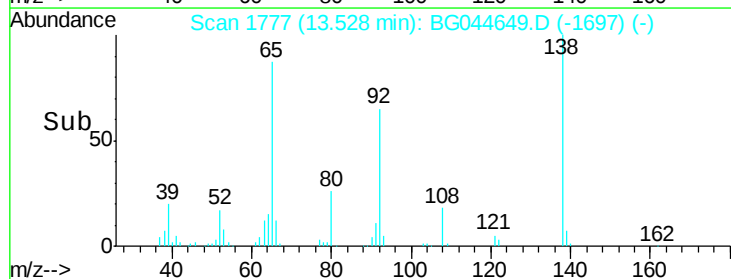
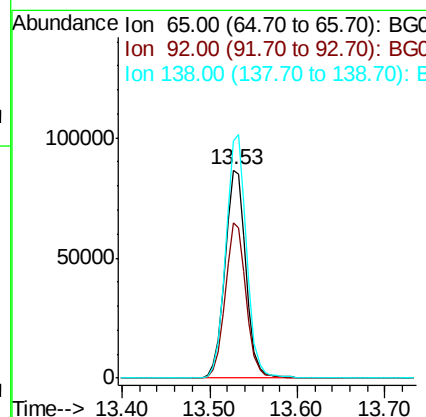
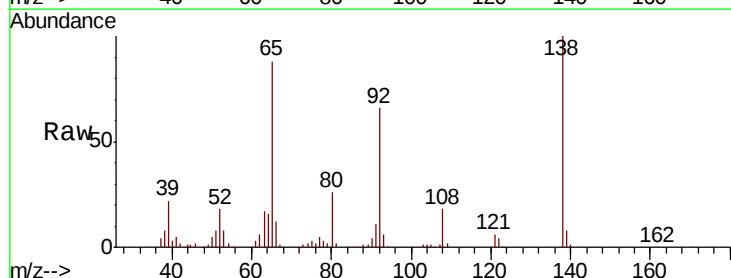
Manual Integrations
 APPROVED

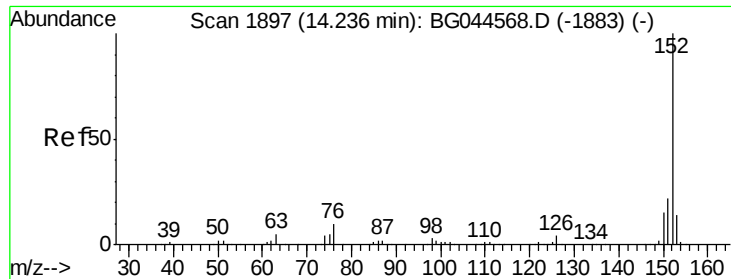
mohammad
 3/3/2020 12:28:32 PM



#48
 2-Nitroaniline
 Concen: 38.864 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.06 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	62.2	93.2
138	114.0	97.6	146.4





#49

Acenaphthylene

Concen: 36.931 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.06 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Instrument :

BNA_G

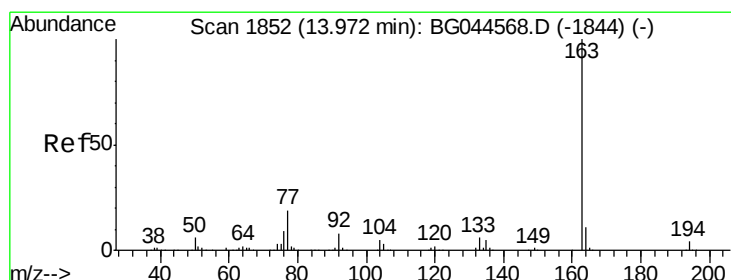
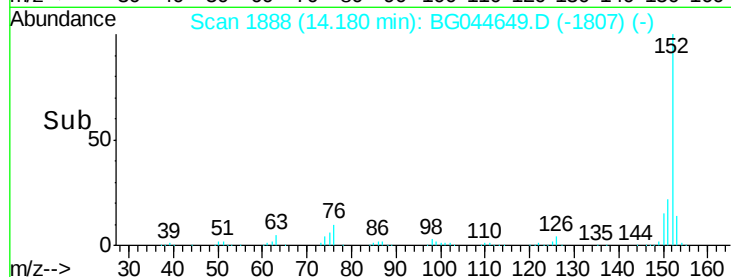
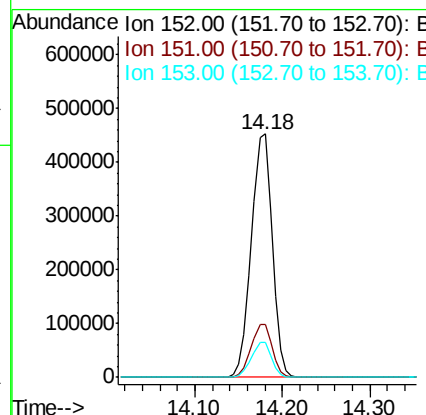
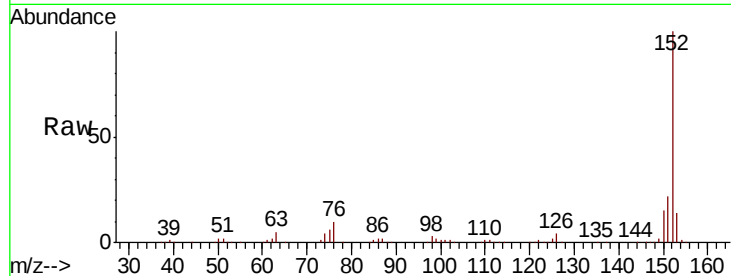
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	727873
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.7	26.5
153	14.2	11.3	16.9

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



#50

Dimethylphthalate

Concen: 37.221 ng

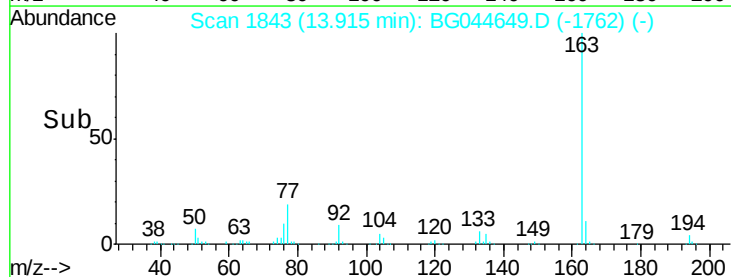
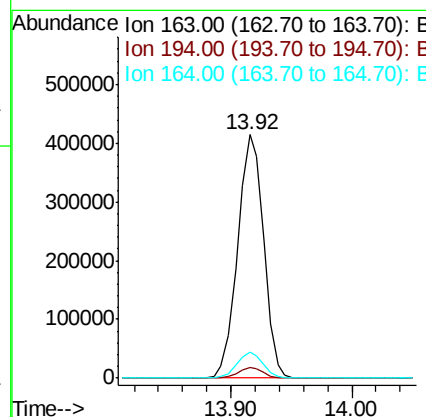
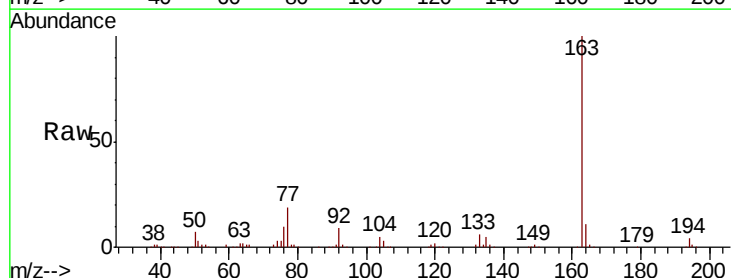
RT: 13.92 min Scan# 1843

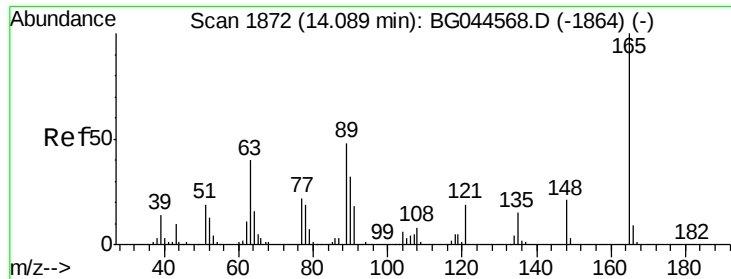
Delta R.T. -0.06 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Tgt Ion:	163	Resp:	618134
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	10.9	8.7	13.1





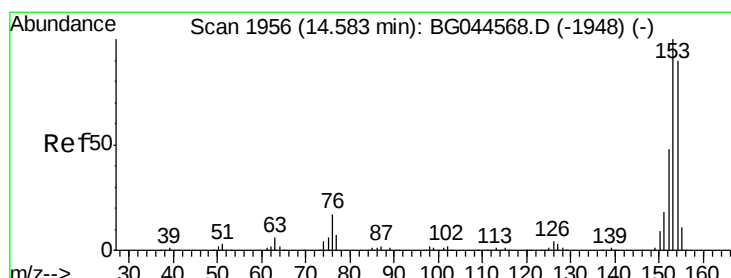
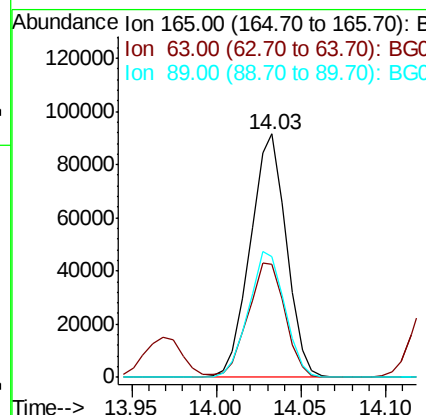
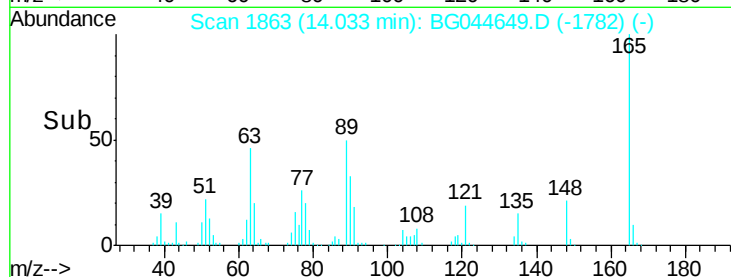
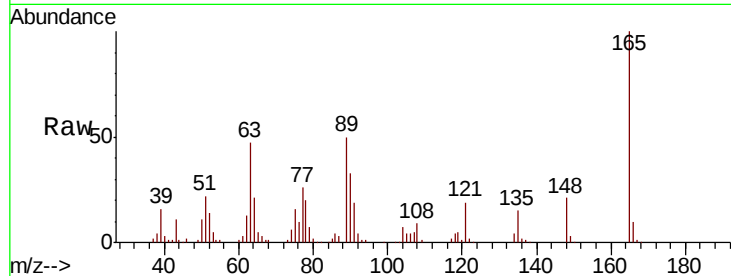
#51
2,6-Dinitrotoluene
Concen: 37.169 ng
RT: 14.03 min Scan# 1863
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	136136		
63	46.6	35.8	53.6	
89	49.8	38.7	58.1	

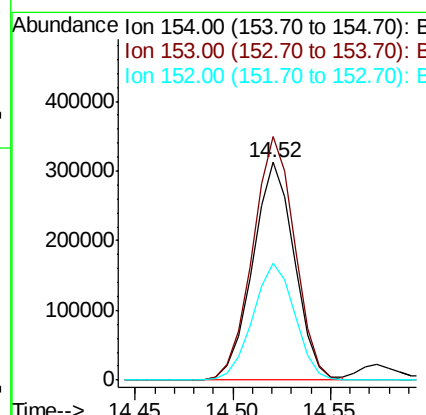
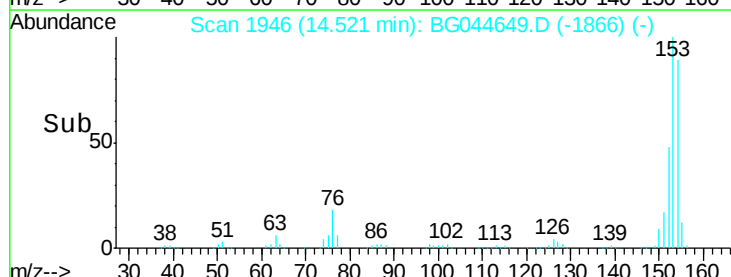
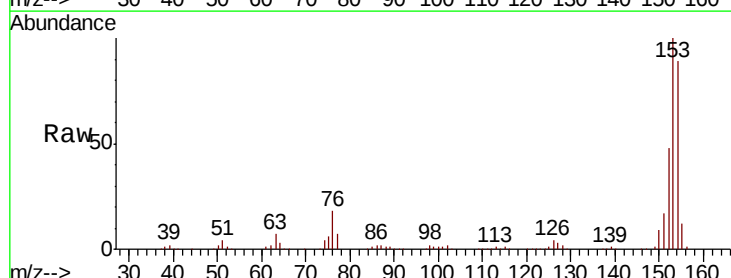
Manual Integrations
APPROVED

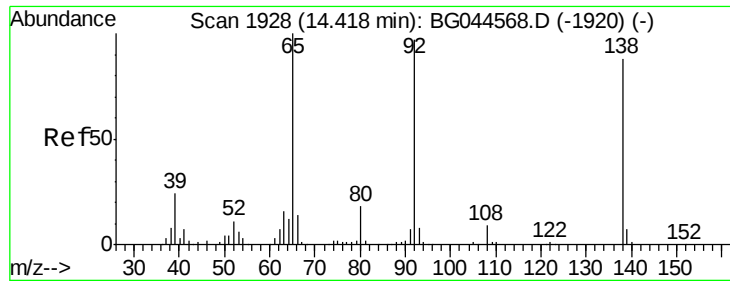
mohammad
3/3/2020 12:28:32 PM



#52
Acenaphthene
Concen: 36.785 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	462152		
153	112.0	89.4	134.0	
152	53.9	43.0	64.4	





#53

3-Nitroaniline

Concen: 38.201 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.06 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 150897

Ion Ratio Lower Upper

138 100

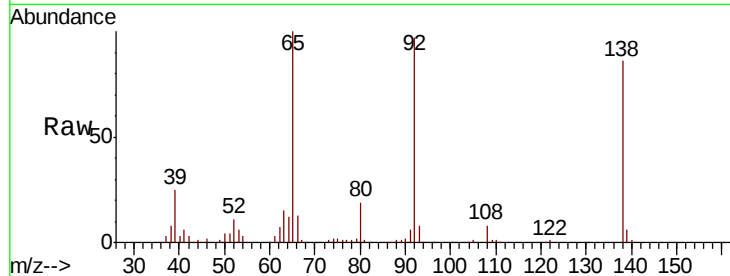
108 9.9 7.9 11.9

92 112.1 87.4 131.2

Manual Integrations
APPROVED

mohammad

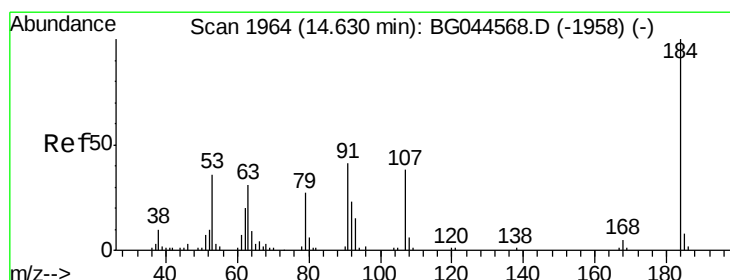
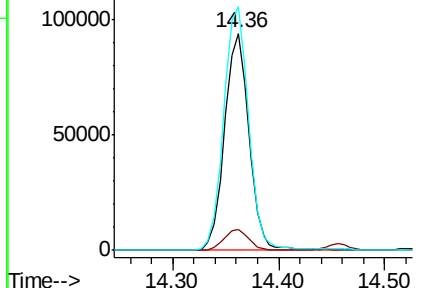
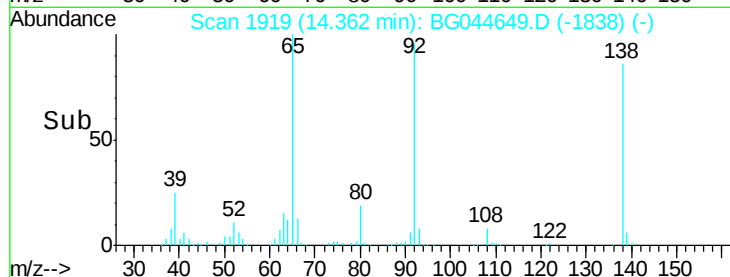
3/3/2020 12:28:32 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 35.266 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.06 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

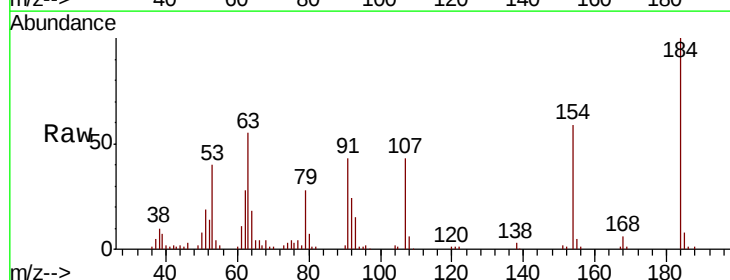
Tgt Ion:184 Resp: 64010

Ion Ratio Lower Upper

184 100

63 54.7 42.1 63.1

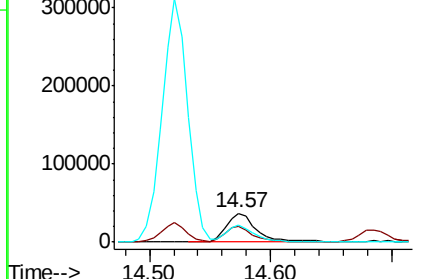
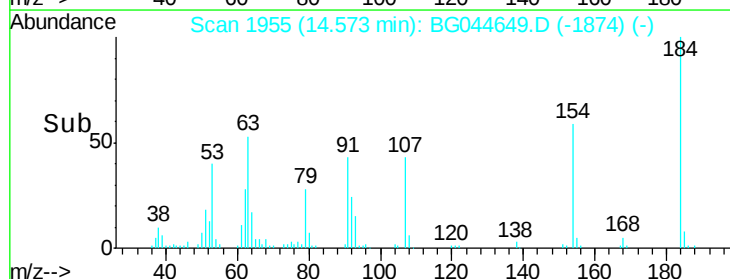
154 58.6 43.4 65.2

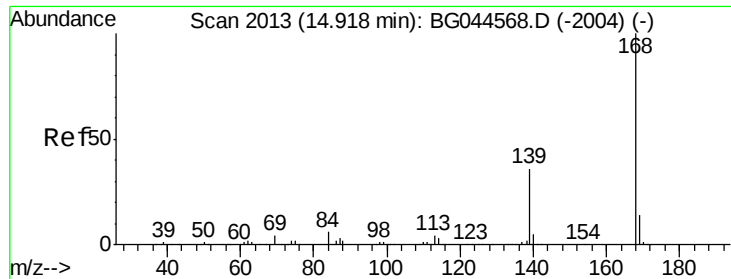


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





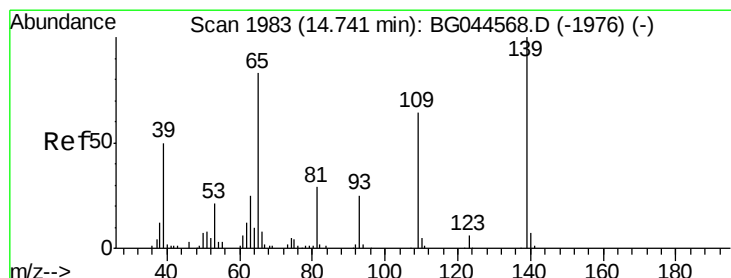
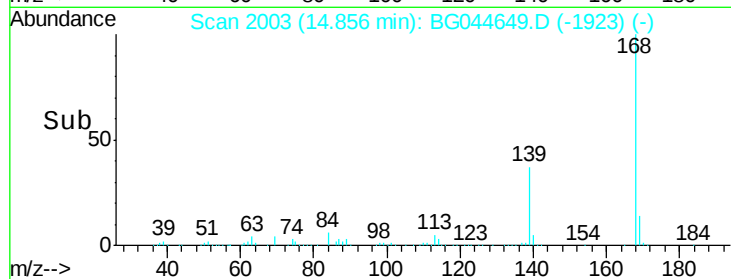
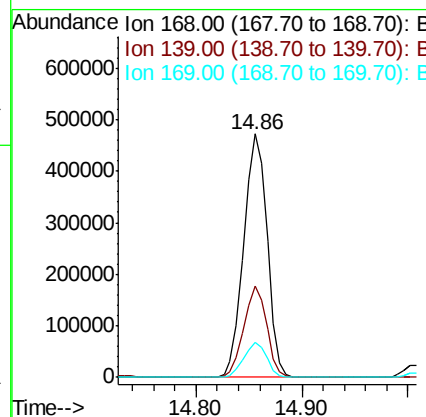
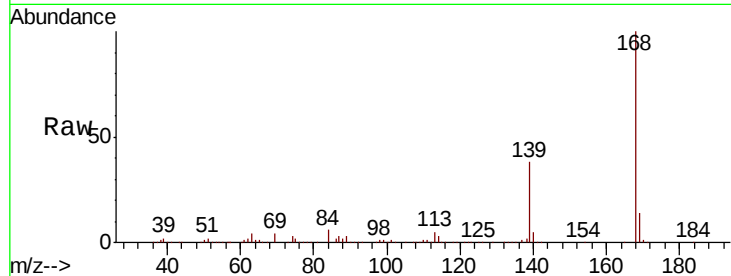
#55
Dibenzofuran
Concen: 37.377 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.2	43.8
169	14.4	11.0	16.6

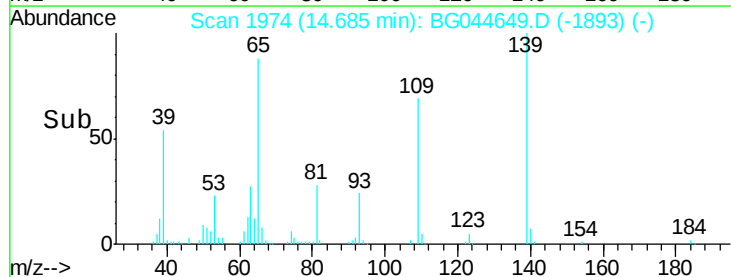
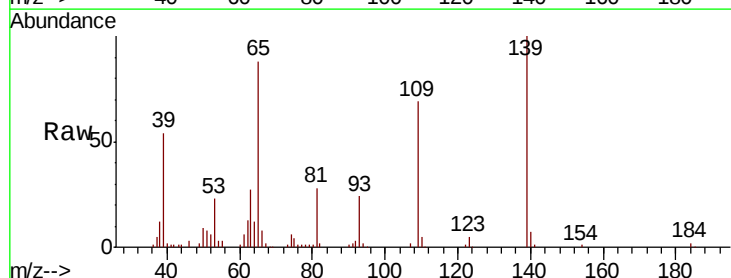
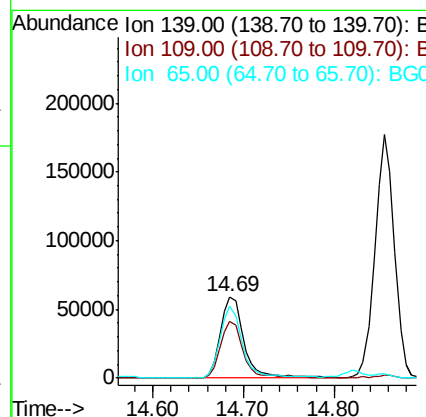
Manual Integrations
APPROVED

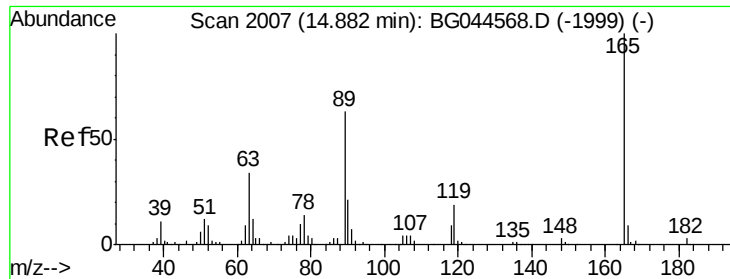
mohammad
3/3/2020 12:28:32 PM



#56
4-Nitrophenol
Concen: 39.555 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.2	43.8	83.8
65	88.1	63.6	103.6





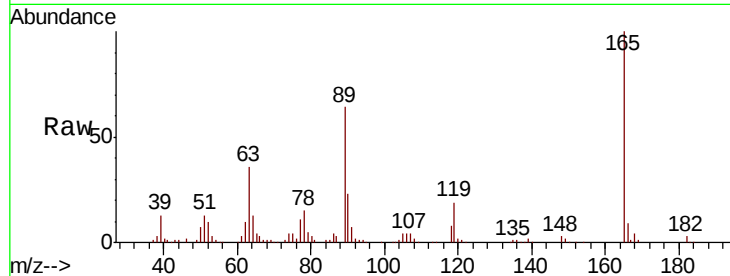
#57
2,4-Dinitrotoluene
Concen: 37.497 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

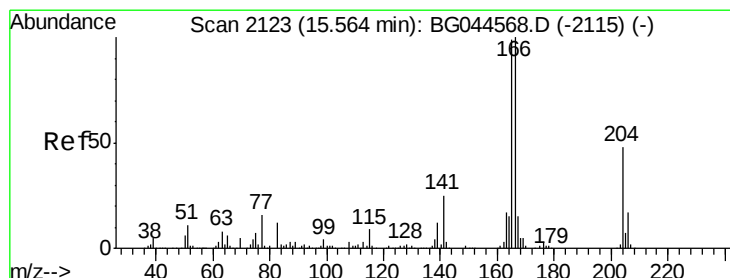
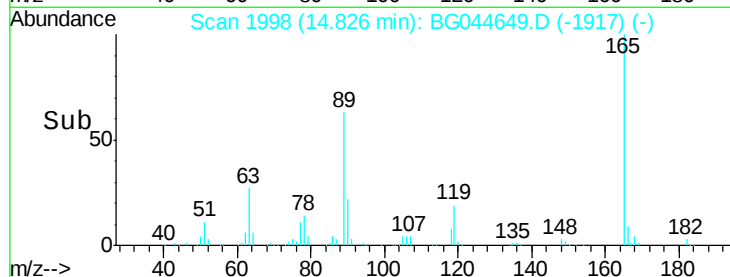
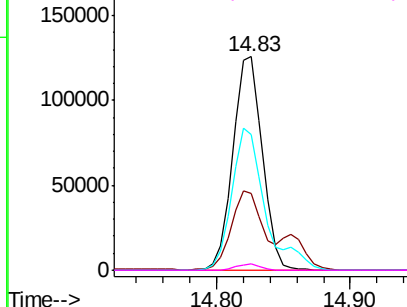
Tot Ion	Ratio	Resp	Lower	Upper
165	100	193086		
63	36.0	27.5	41.3	
89	63.8	50.0	75.0	
182	2.9	2.3	3.5	

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM

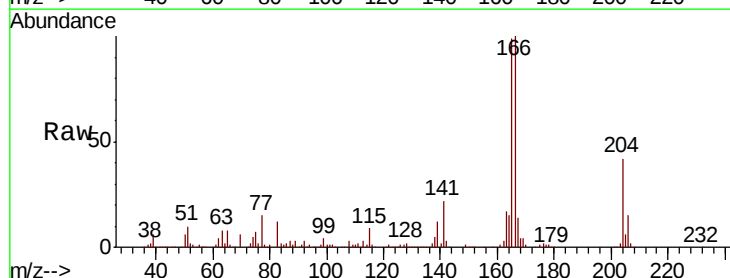


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

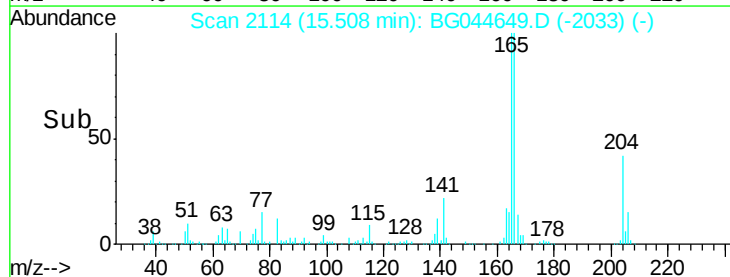
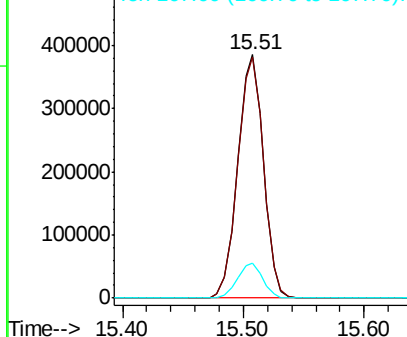


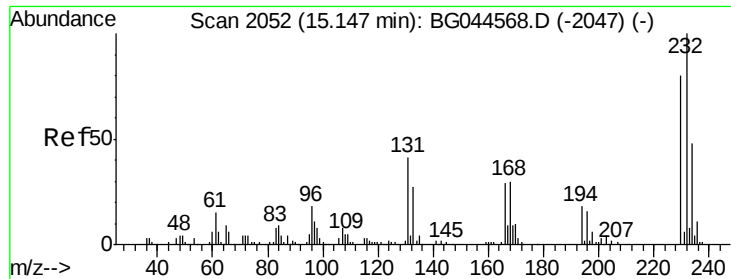
#58
Fluorene
Concen: 37.396 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	571086		
165	99.0	79.2	118.8	
167	14.2	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





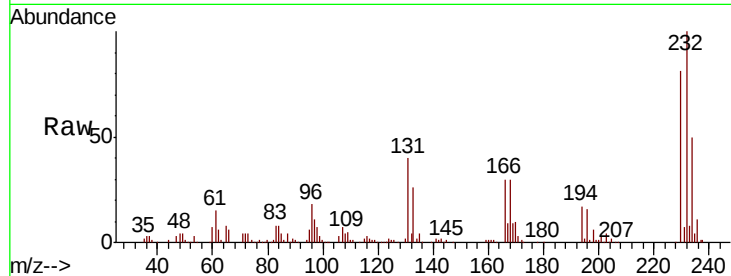
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.351 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	158915		
131	40.8		31.8	47.6
130	2.3		1.8	2.6
166	29.8		22.7	34.1

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



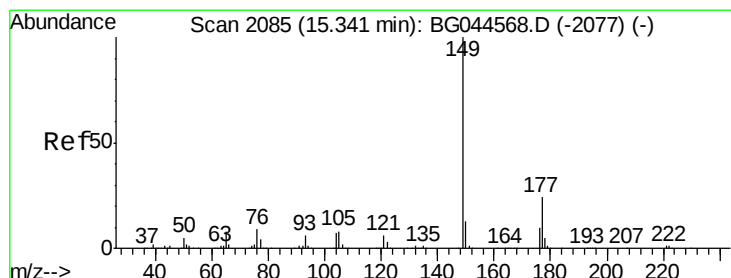
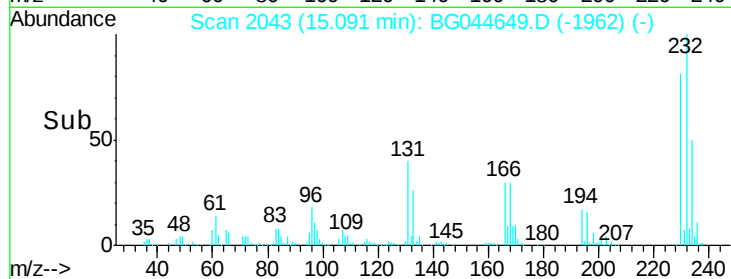
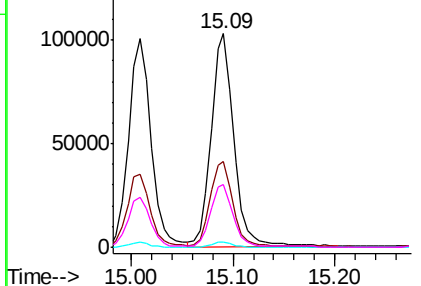
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

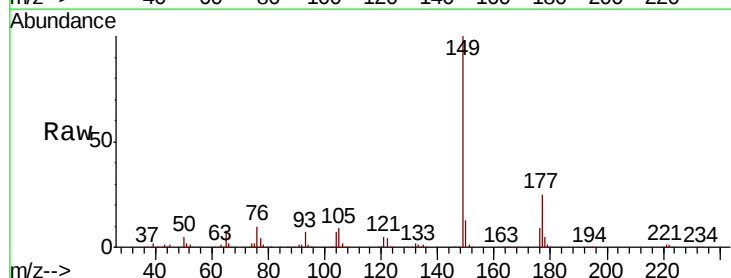
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.552 ng
RT: 15.28 min Scan# 2076
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	617906		
177	24.7		19.2	28.8
150	12.8		10.2	15.4

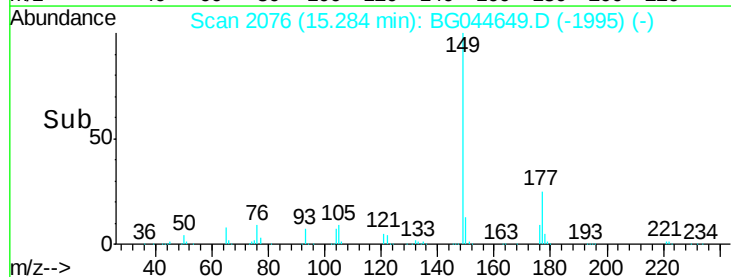
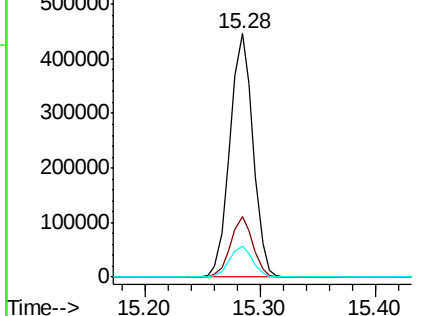


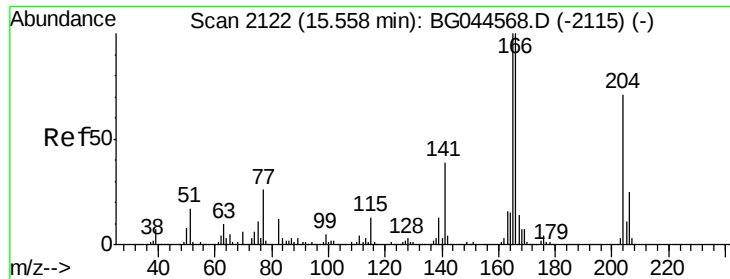
Abundance

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





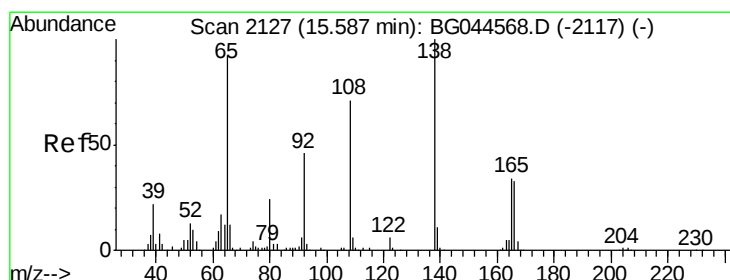
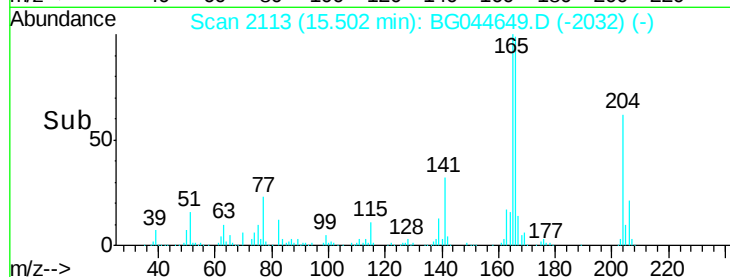
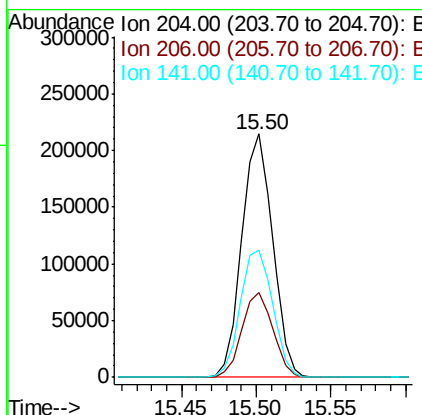
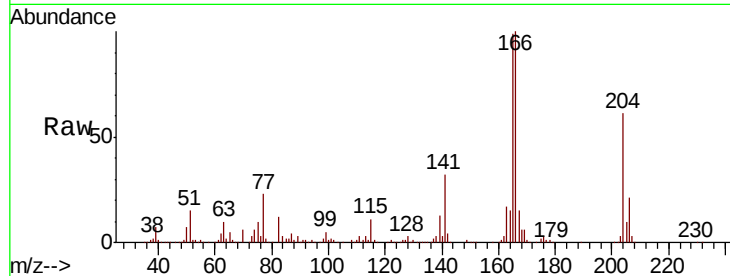
#61
4-Chlorophenyl-phenylether
Concen: 37.096 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.7	27.8	41.8	
141	52.5	43.8	65.8	

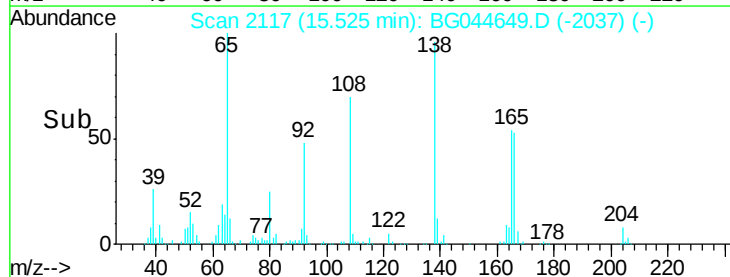
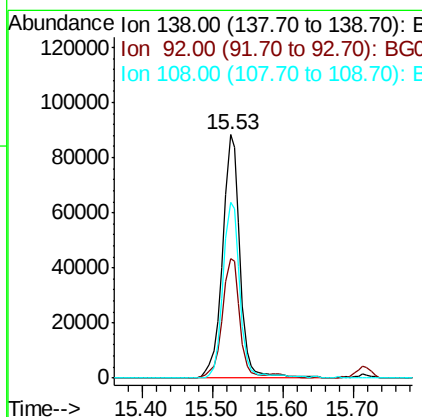
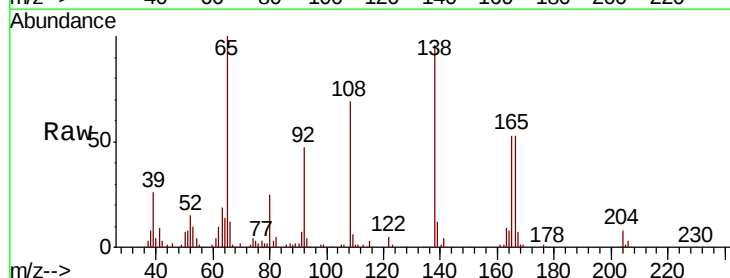
Manual Integrations
APPROVED

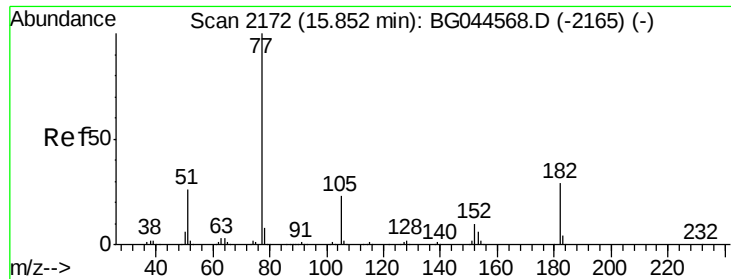
mohammad
3/3/2020 12:28:32 PM



#62
4-Nitroaniline
Concen: 38.537 ng
RT: 15.53 min Scan# 2117
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.3	26.4	66.4	
108	72.2	50.5	90.5	





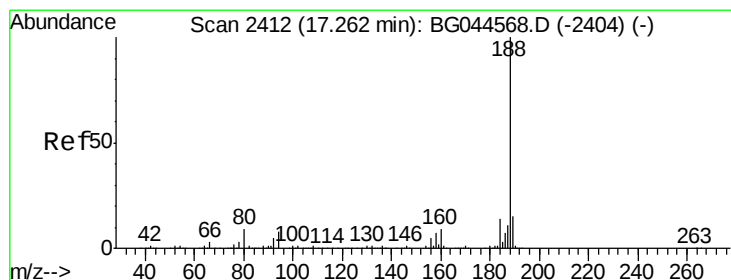
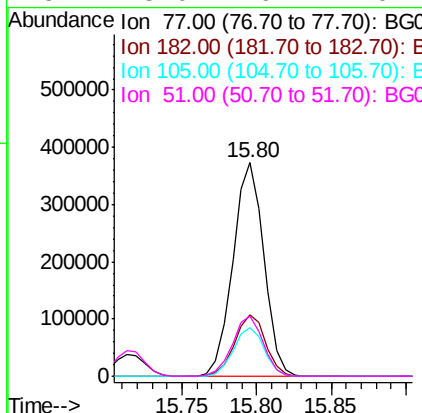
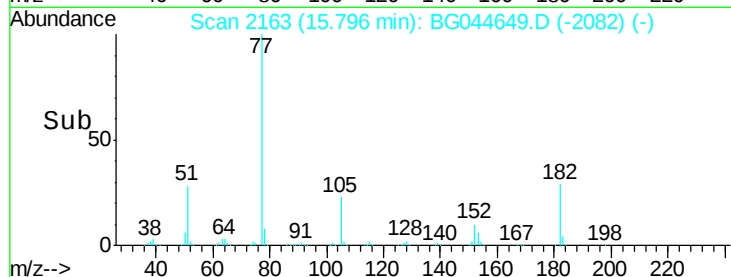
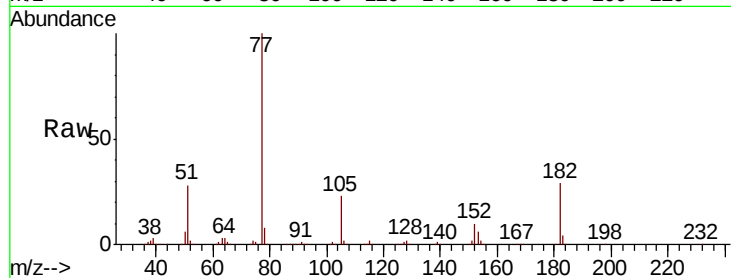
#63
Azobenzene
Concen: 38.341 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.7	9.4	49.4
105	23.0	3.4	43.4
51	28.0	6.4	46.4

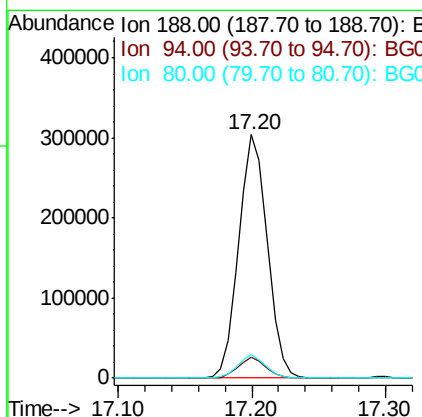
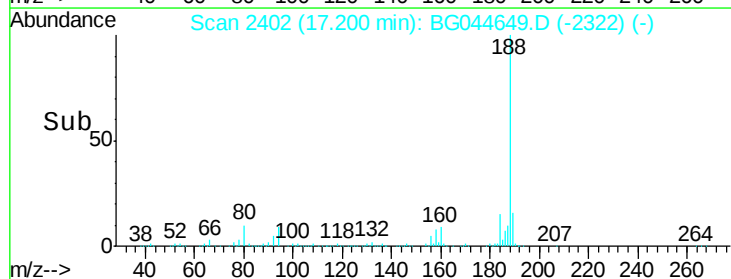
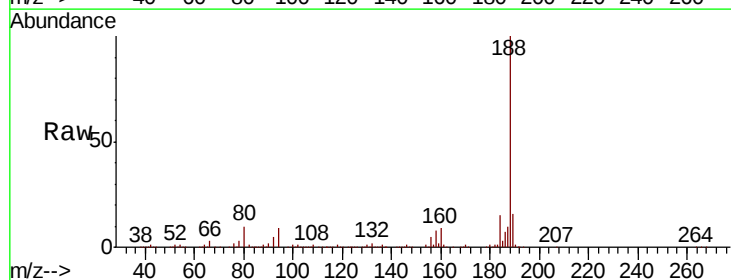
Manual Integrations
APPROVED

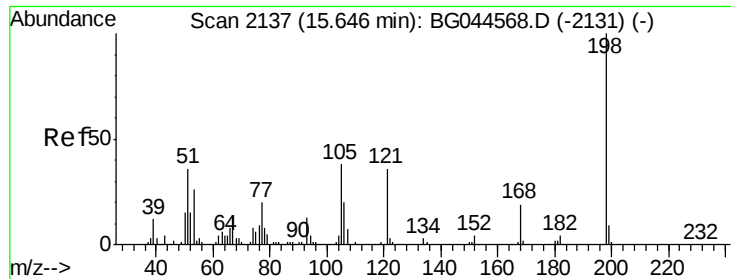
mohammad
3/3/2020 12:28:32 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.6	7.6	11.4





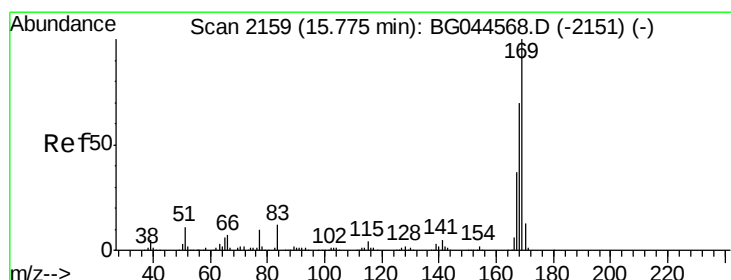
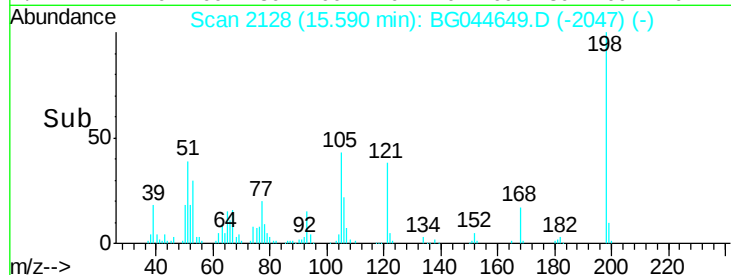
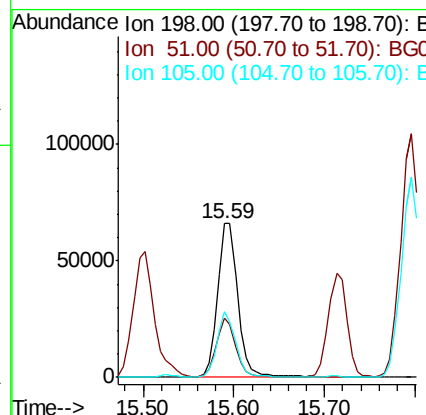
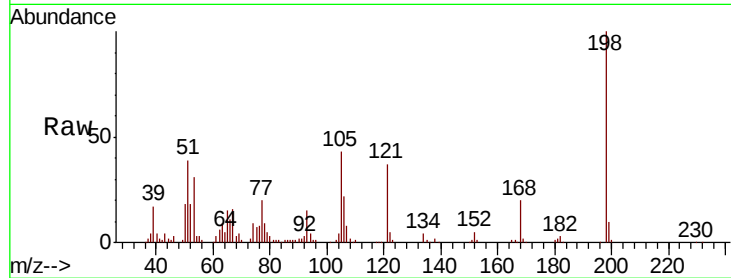
#65
4,6-Dinitro-2-methylphenol
Concen: 36.833 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	102506		
51	39.0	17.0	57.0	
105	42.5	18.4	58.4	

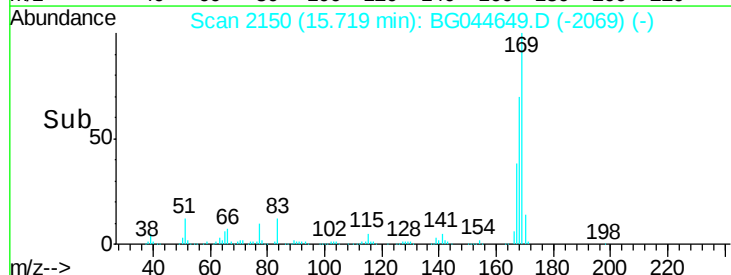
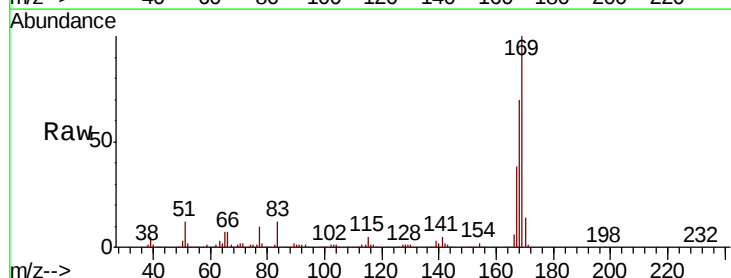
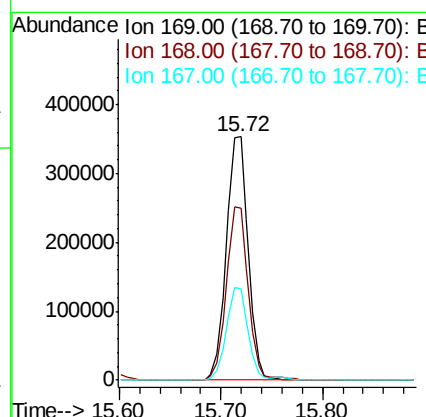
Manual Integrations
APPROVED

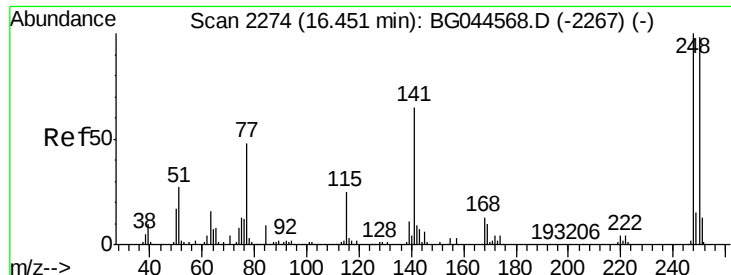
mohammad
3/3/2020 12:28:32 PM



#66
n-Nitrosodiphenylamine
Concen: 37.483 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	525507		
168	70.4	56.1	84.1	
167	37.7	29.4	44.0	





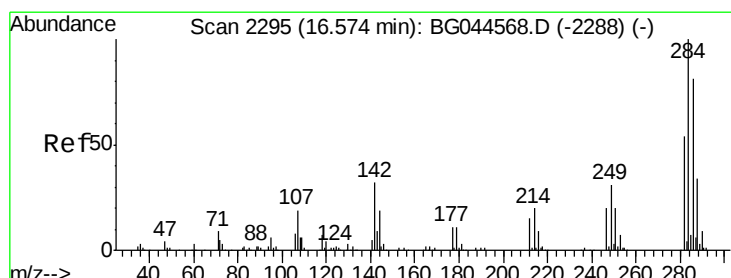
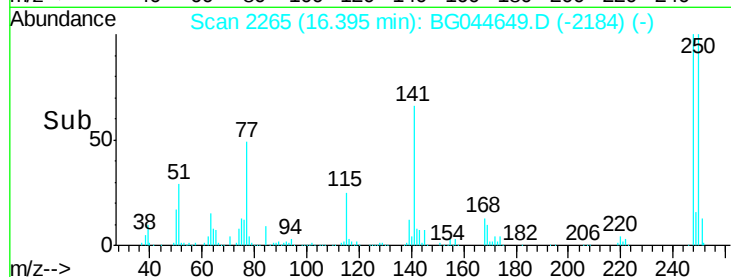
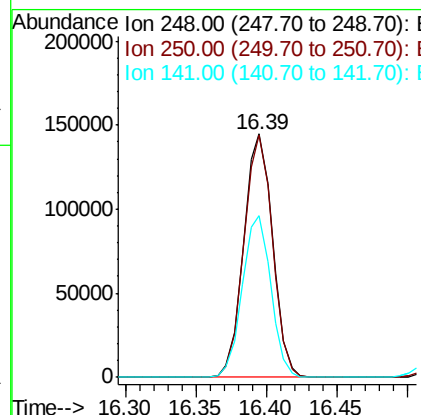
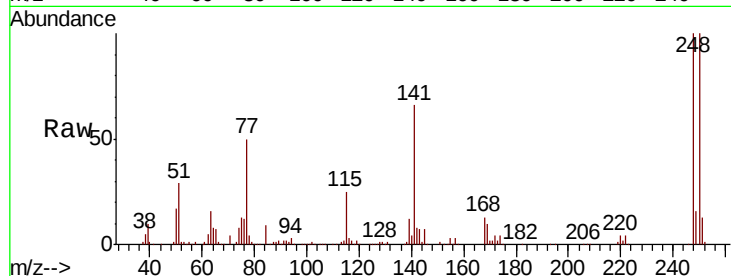
#67
4-Bromophenyl-phenylether
Concen: 37.146 ng
RT: 16.39 min Scan# 2265
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	78.7	118.1
141	66.2	52.3	78.5

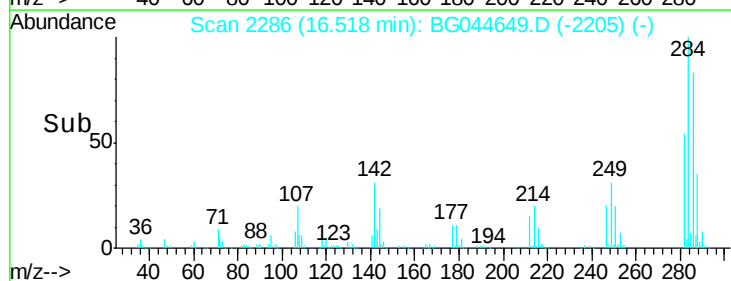
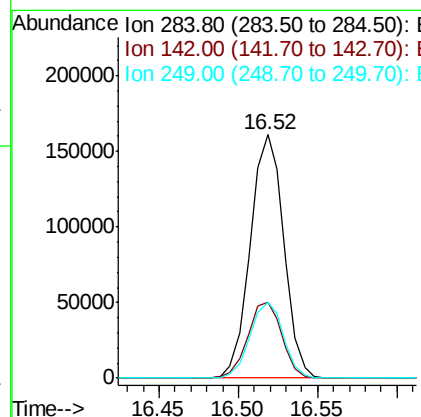
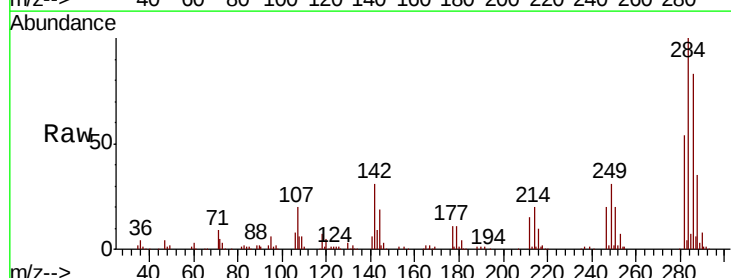
Manual Integrations
APPROVED

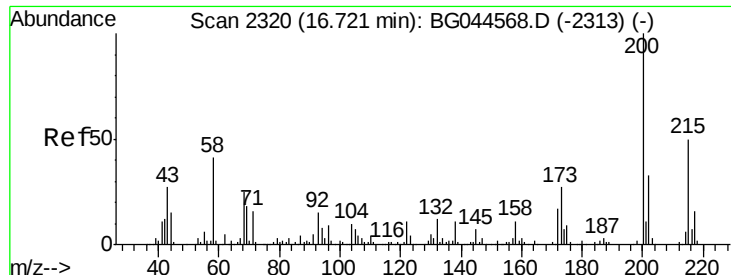
mohammad
3/3/2020 12:28:32 PM



#68
Hexachlorobenzene
Concen: 37.449 ng
RT: 16.52 min Scan# 2286
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.6	38.4
249	31.3	24.6	36.8





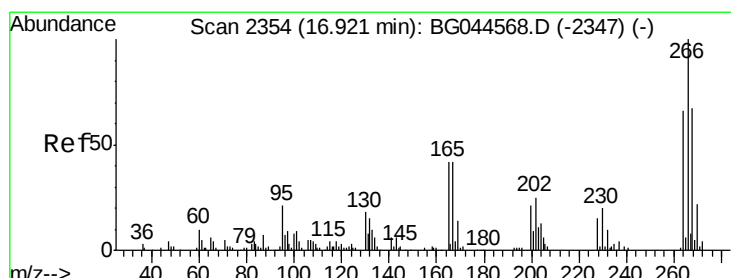
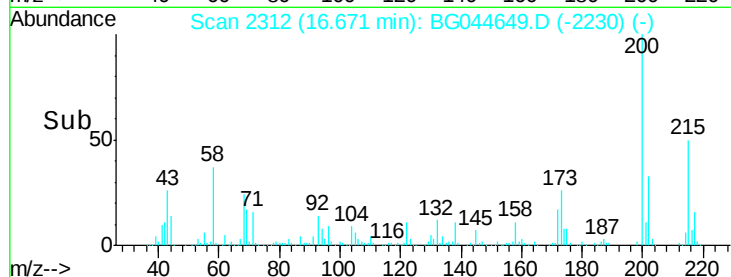
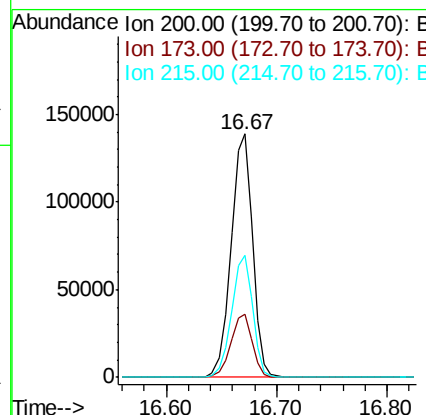
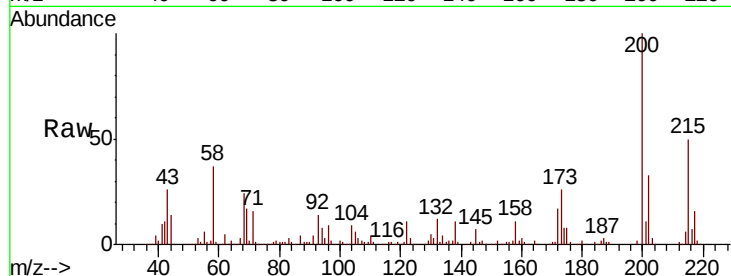
#69
Atrazine
Concen: 36.610 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.05 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.7	6.6	46.6
215	50.1	30.3	70.3

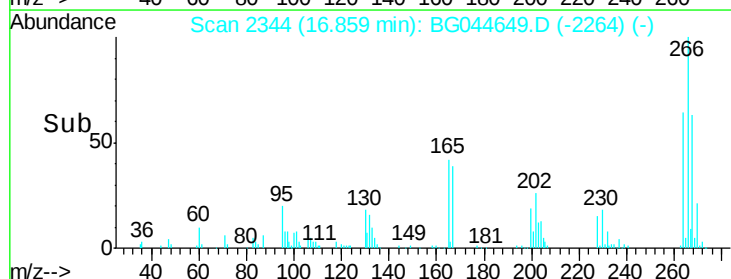
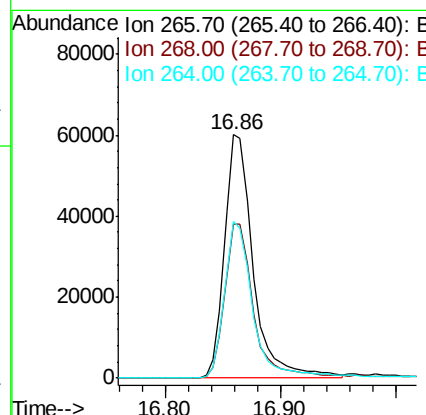
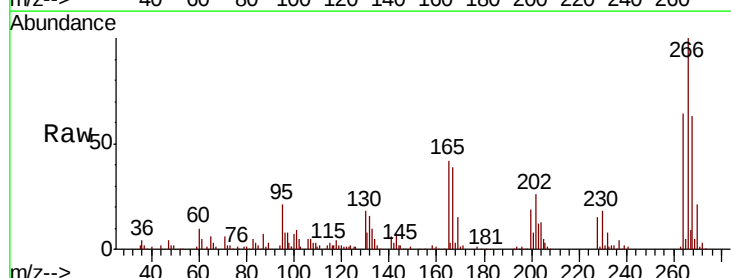
Manual Integrations
APPROVED

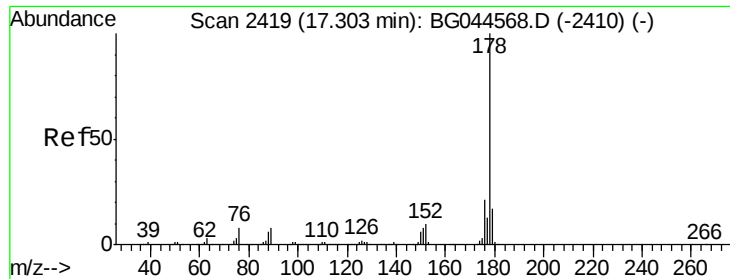
mohammad
3/3/2020 12:28:32 PM



#70
Pentachlorophenol
Concen: 37.866 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.1	53.4	80.0
264	64.4	53.0	79.4





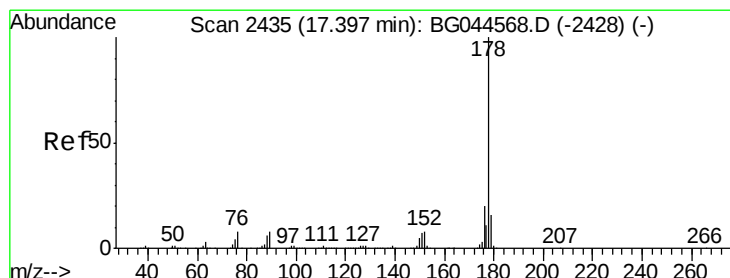
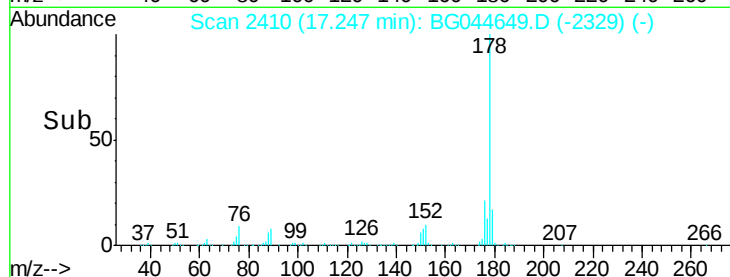
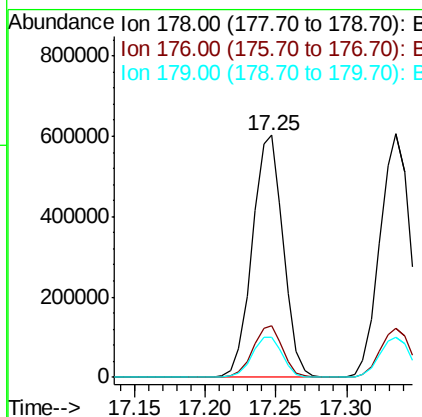
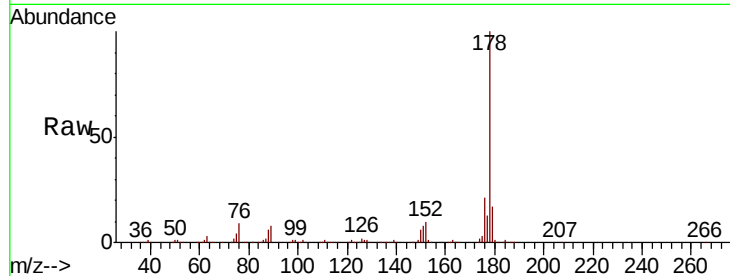
#71
Phenanthrene
Concen: 37.178 ng
RT: 17.25 min Scan# 2410
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.6	25.0
179	16.7	13.3	19.9

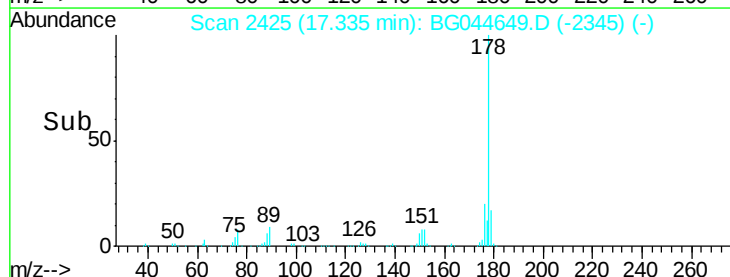
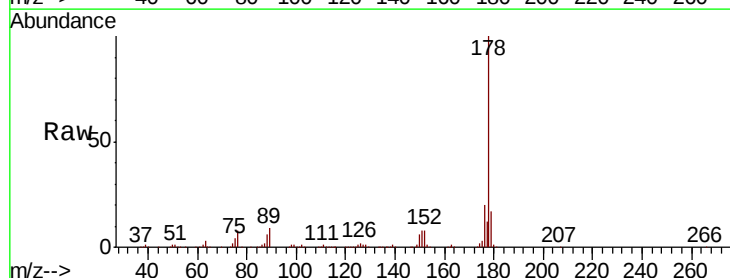
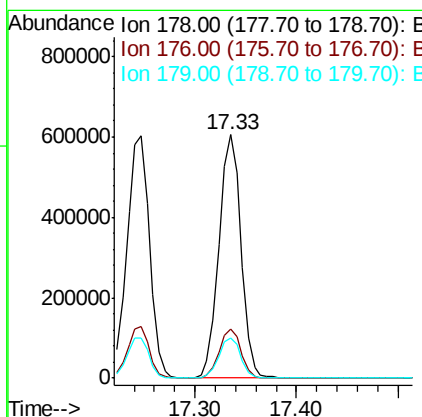
Manual Integrations
APPROVED

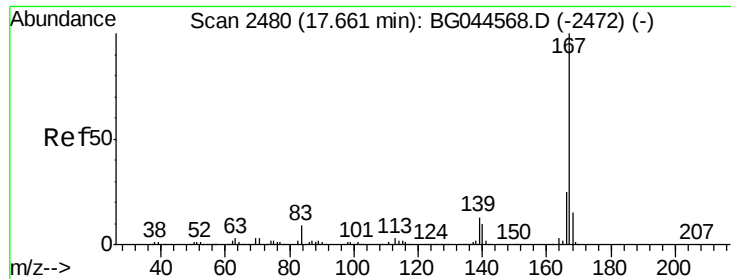
mohammad
3/3/2020 12:28:32 PM



#72
Anthracene
Concen: 37.359 ng
RT: 17.33 min Scan# 2425
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.9	23.9
179	16.7	13.1	19.7





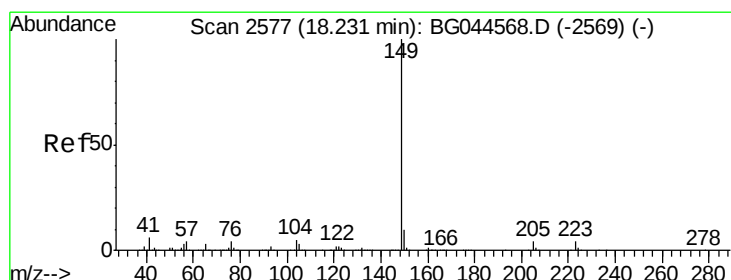
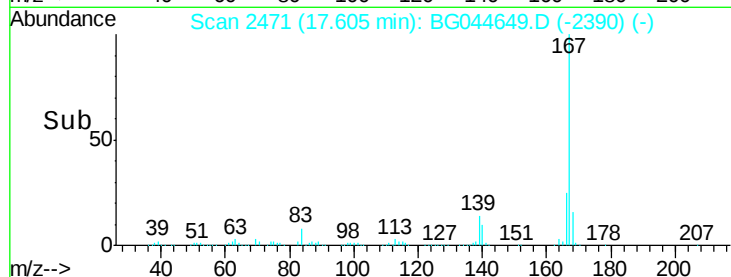
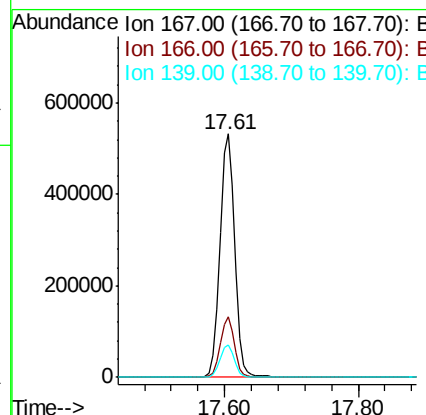
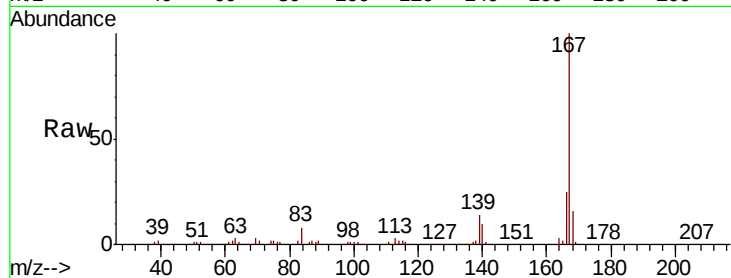
#73
 Carbazole
 Concen: 37.425 ng
 RT: 17.61 min Scan# 2471
 Delta R.T. -0.06 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.7	29.5
139	13.6	10.6	15.8

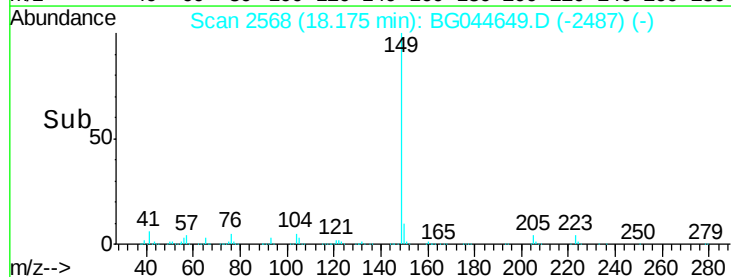
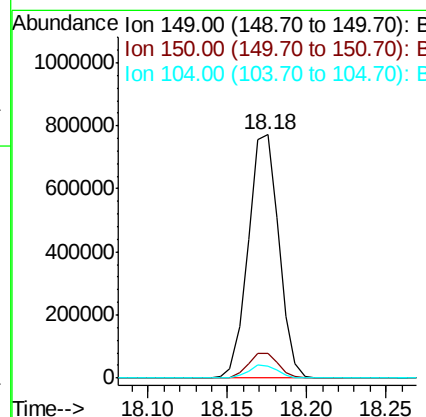
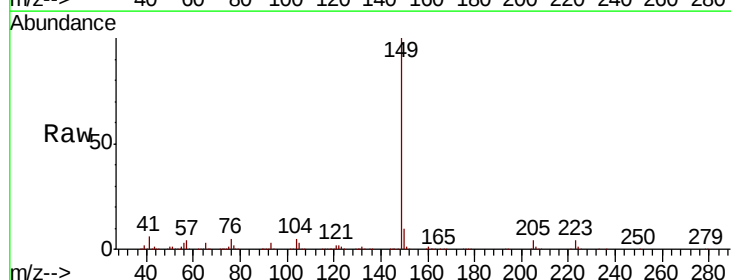
Manual Integrations
 APPROVED

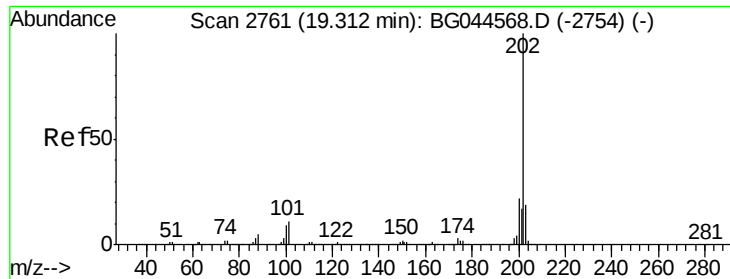
mohammad
 3/3/2020 12:28:32 PM



#74
 Di-n-butylphthalate
 Concen: 36.940 ng
 RT: 18.18 min Scan# 2568
 Delta R.T. -0.06 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.8
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 36.705 ng

RT: 19.26 min Scan# 2752

Delta R.T. -0.06 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Instrument :

BNA_G

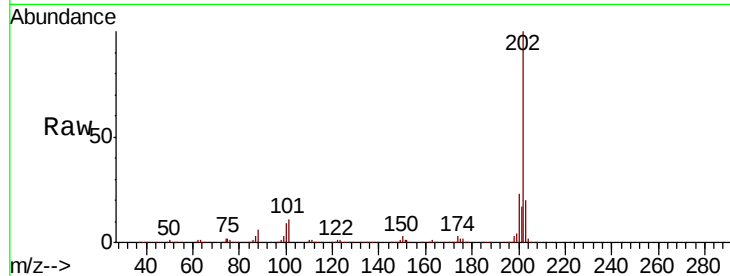
ClientSampleId :

SSTDCCC040

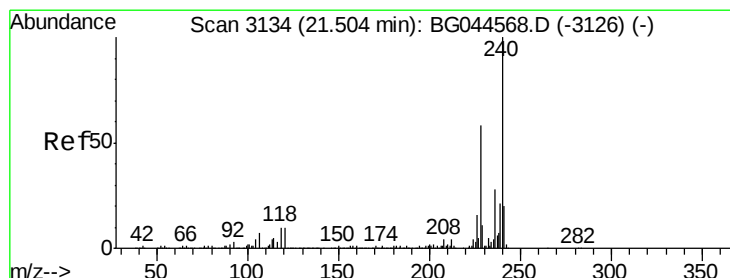
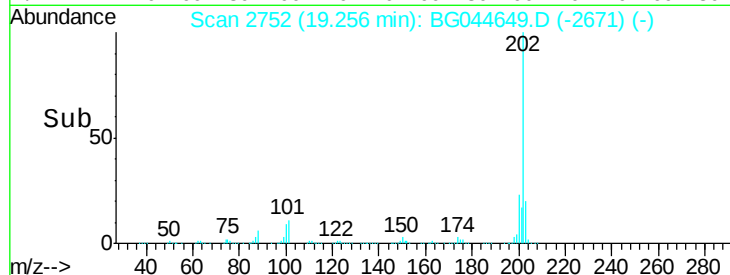
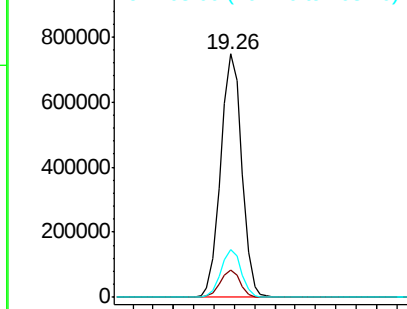
Tot Ion:	202	Resp:	1081201
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.0
203	19.8	0.0	39.2

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

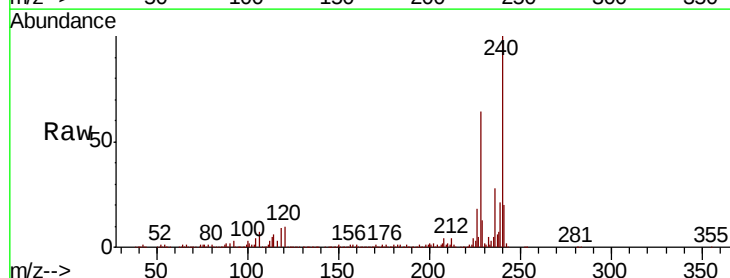
RT: 21.44 min Scan# 3123

Delta R.T. -0.07 min

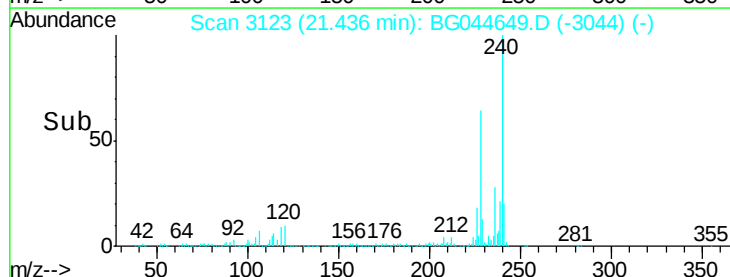
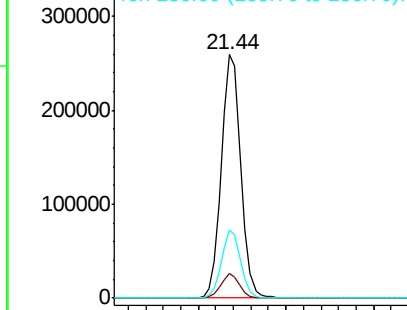
Lab File: BG044649.D

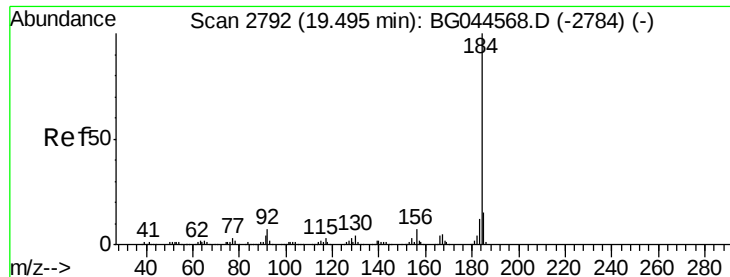
Acq: 3 Mar 2020 2:23

Tgt Ion:	240	Resp:	400004
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.3	12.5
236	28.1	22.3	33.5



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





#77

Benzidine

Concen: 37.312 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.06 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Instrument :

BNA_G

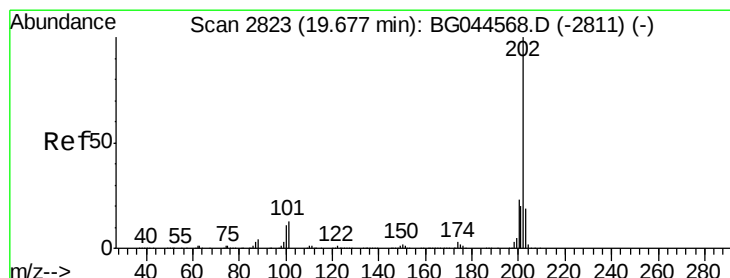
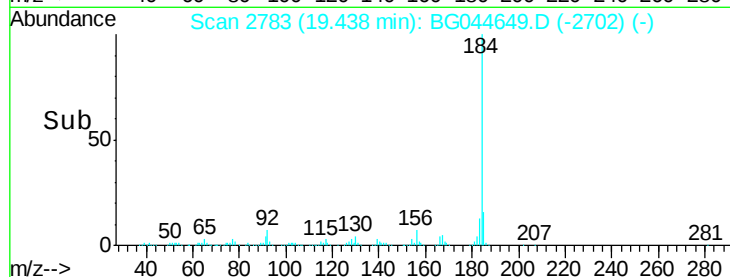
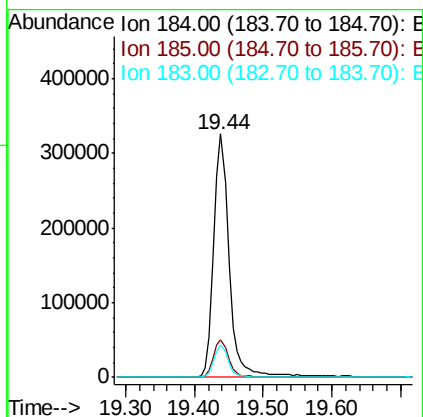
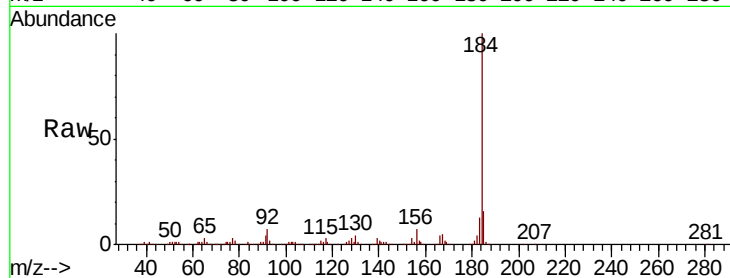
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	511262
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.2	18.4
183	13.1	9.9	14.9

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



#78

Pyrene

Concen: 37.621 ng

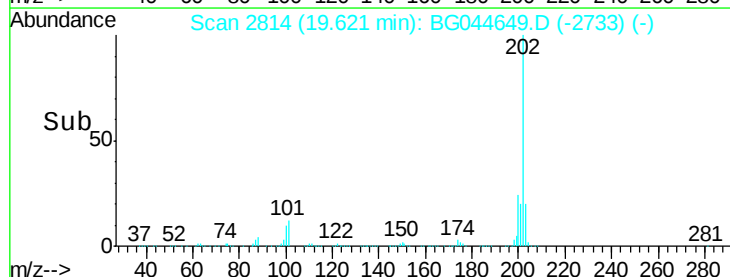
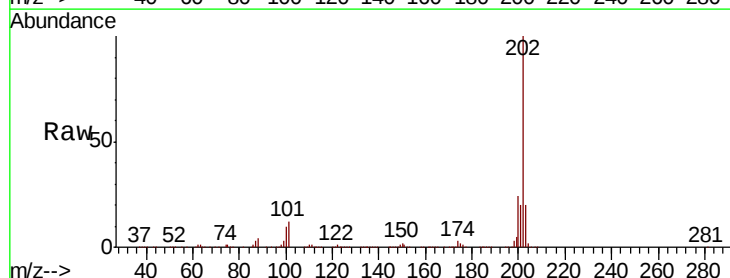
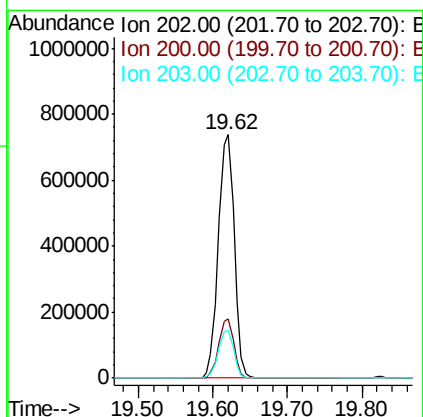
RT: 19.62 min Scan# 2814

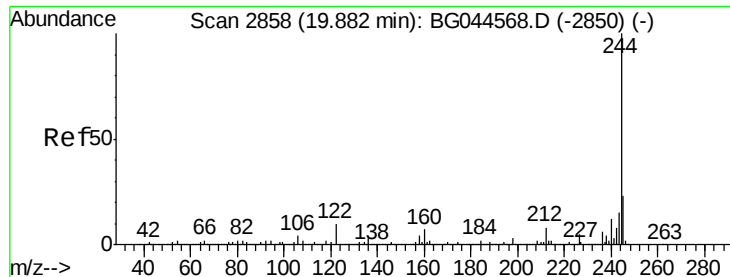
Delta R.T. -0.06 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Tgt Ion:	202	Resp:	1092377
Ion Ratio	Lower	Upper	
202	100		
200	24.2	18.6	28.0
203	19.9	15.3	22.9





#79

Terphenyl-d14

Concen: 74.205 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.06 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1567950

Ion Ratio Lower Upper

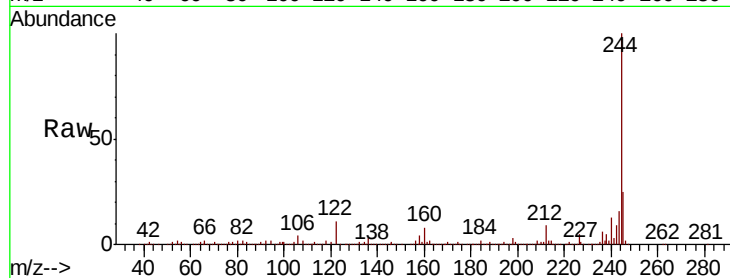
244 100

212 8.8 6.5 9.7

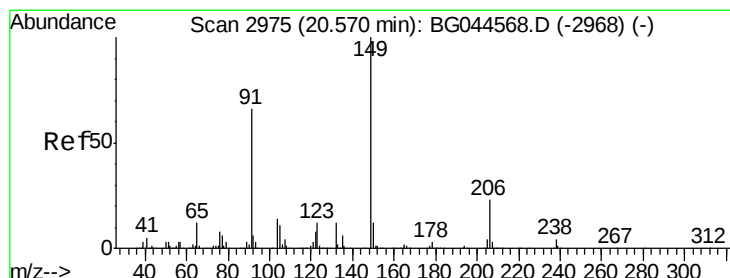
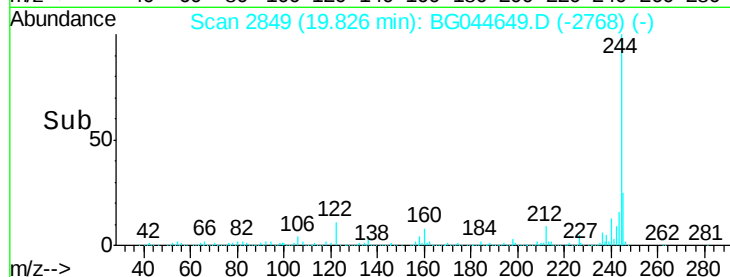
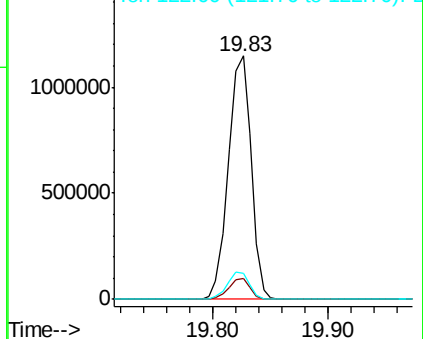
122 10.7 8.2 12.4

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 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: 37.054 ng

RT: 20.51 min Scan# 2966

Delta R.T. -0.06 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

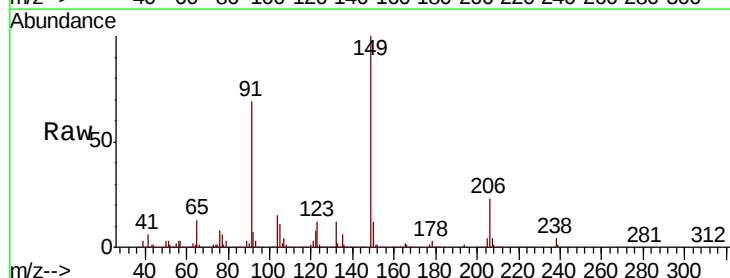
Tgt Ion:149 Resp: 470631

Ion Ratio Lower Upper

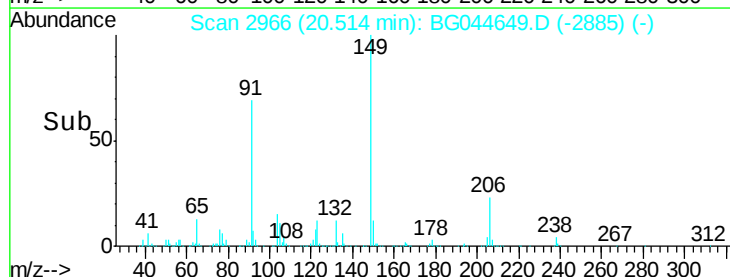
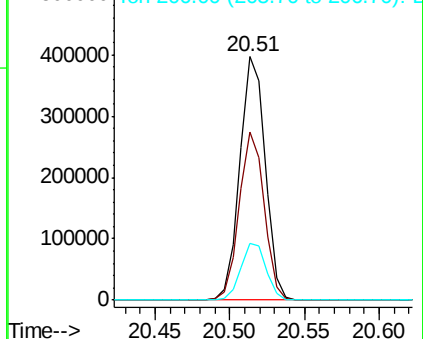
149 100

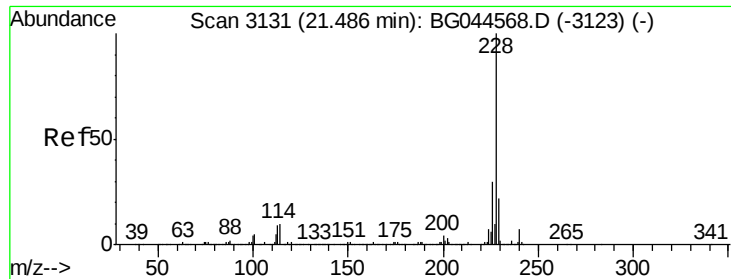
91 68.9 52.7 79.1

206 23.4 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





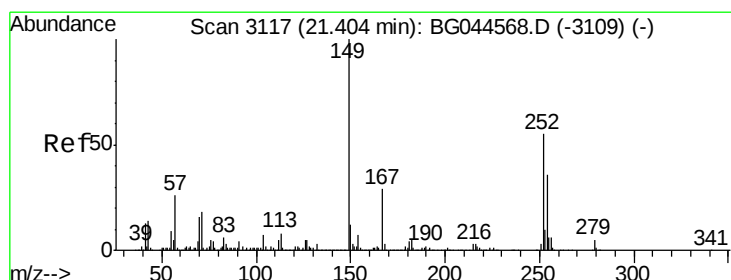
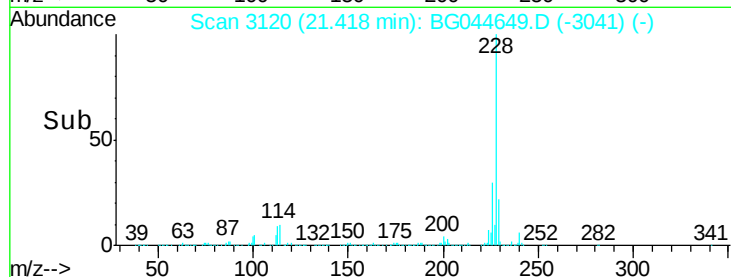
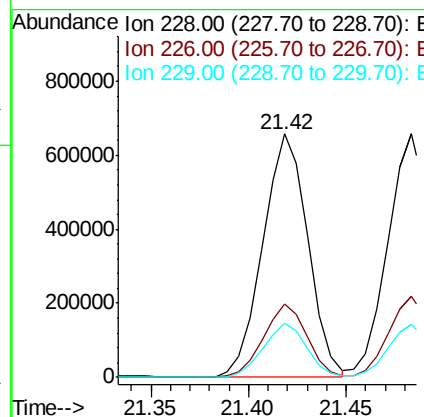
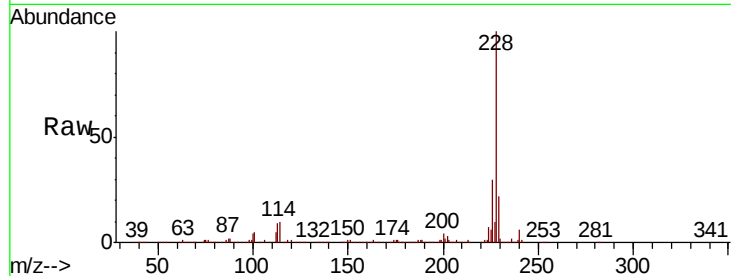
#81
Benzo(a)anthracene
Concen: 37.253 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.07 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	22.3	17.2	25.8

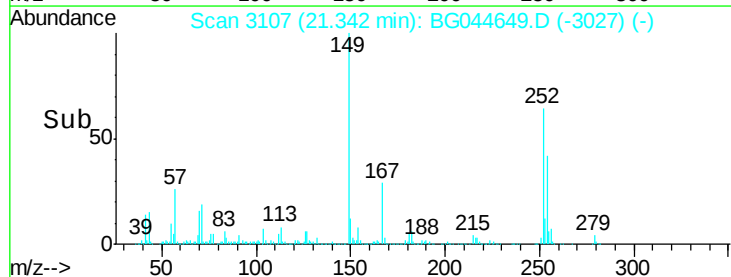
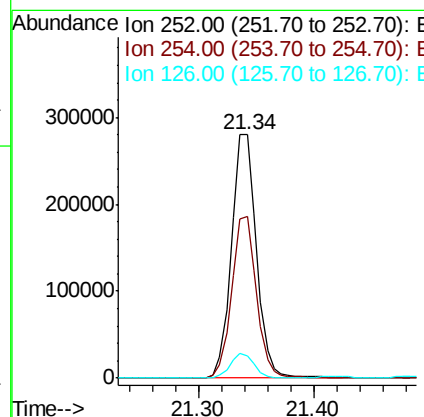
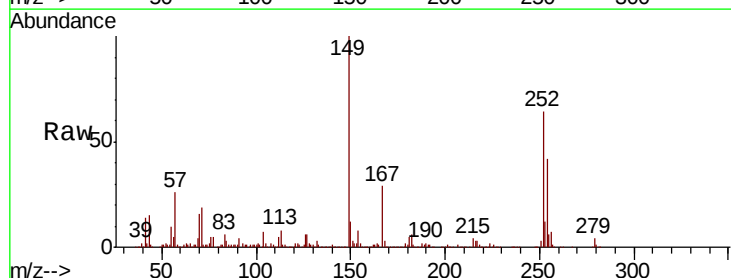
Manual Integrations
APPROVED

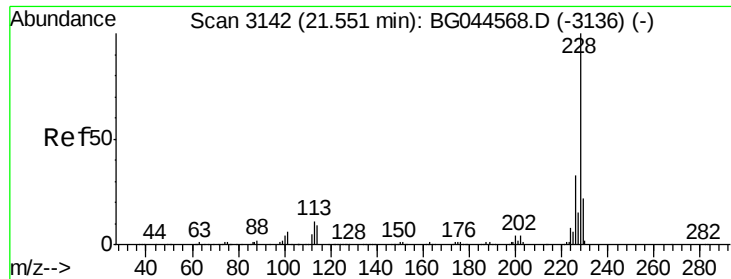
mohammad
3/3/2020 12:28:32 PM



#82
3,3'-Dichlorobenzidine
Concen: 37.813 ng
RT: 21.34 min Scan# 3107
Delta R.T. -0.06 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.6	51.5	77.3
126	9.2	7.8	11.6





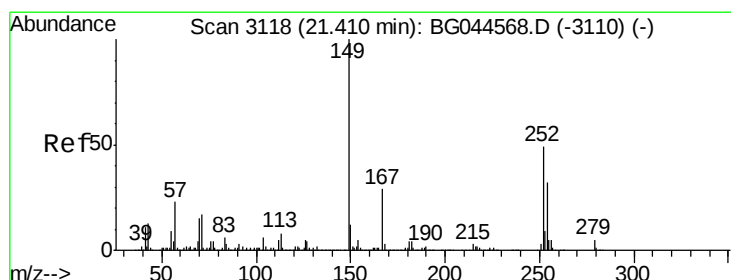
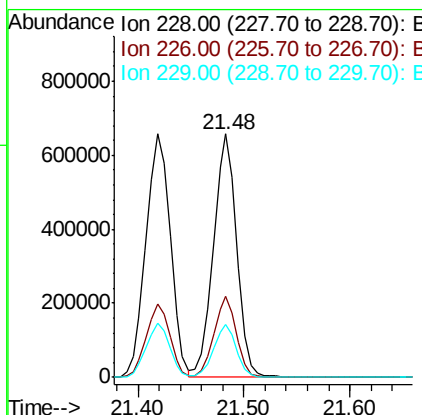
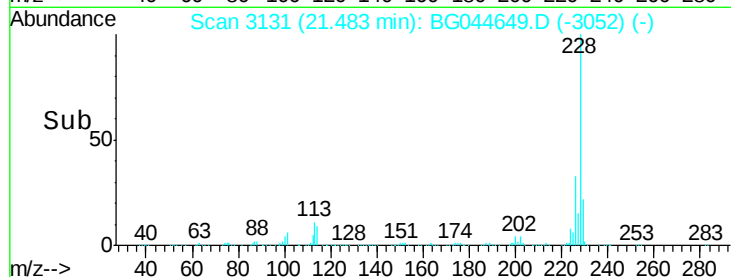
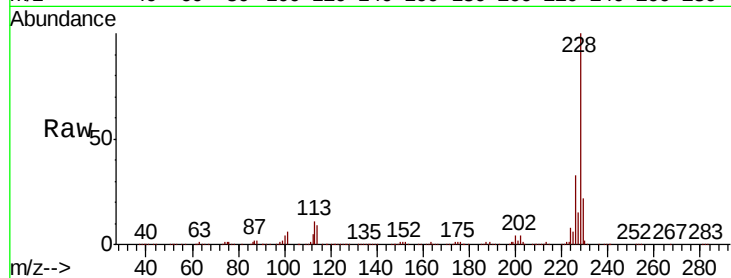
#83
 Chrvsene
 Concen: 37.221 ng
 RT: 21.48 min Scan# 3131
 Delta R.T. -0.07 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:228 Resp: 1011748
 Ion Ratio Lower Upper
 228 100
 226 33.4 26.1 39.1
 229 21.6 17.2 25.8

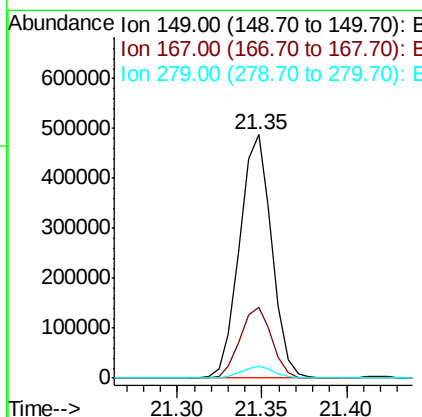
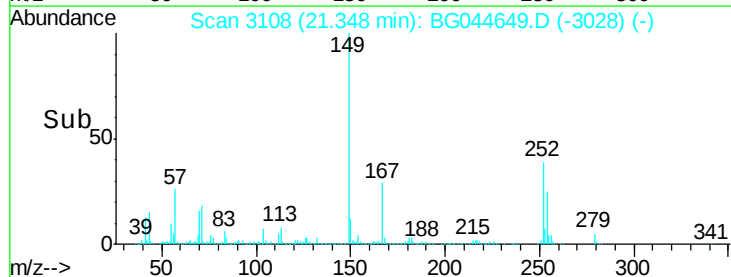
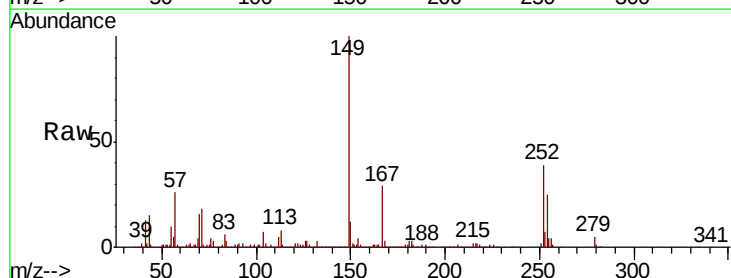
Manual Integrations
 APPROVED

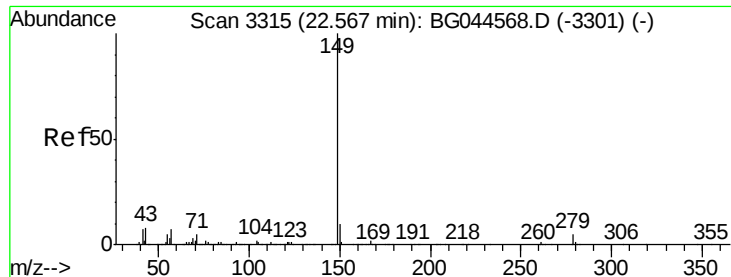
mohammad
 3/3/2020 12:28:32 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.896 ng
 RT: 21.35 min Scan# 3108
 Delta R.T. -0.06 min
 Lab File: BG044649.D
 Acq: 3 Mar 2020 2:23

Tgt Ion:149 Resp: 645703
 Ion Ratio Lower Upper
 149 100
 167 29.3 23.4 35.0
 279 4.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 37.070 ng

RT: 22.49 min Scan# 3302

Delta R.T. -0.08 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1141421

Ion Ratio Lower Upper

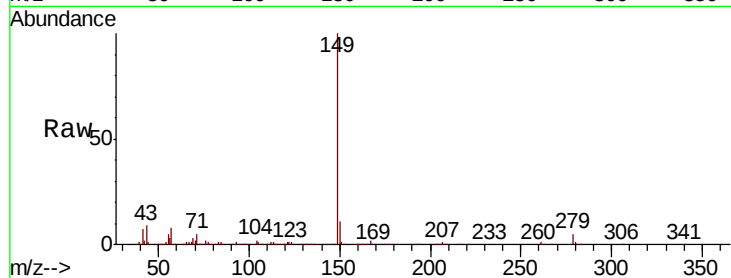
149 100

167 1.7 1.3 1.9

43 8.8 6.6 10.0

Manual Integrations
APPROVED

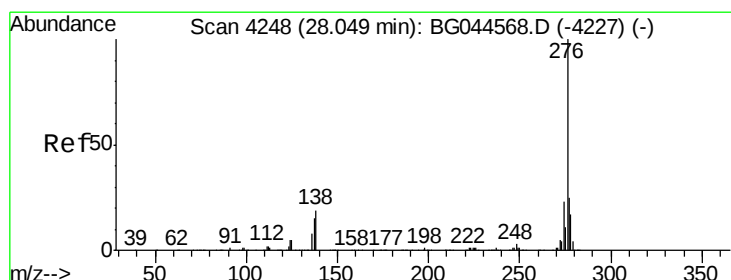
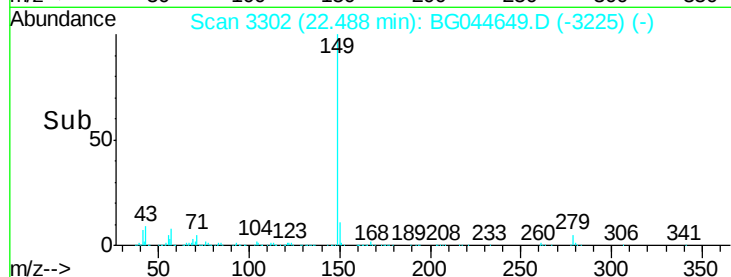
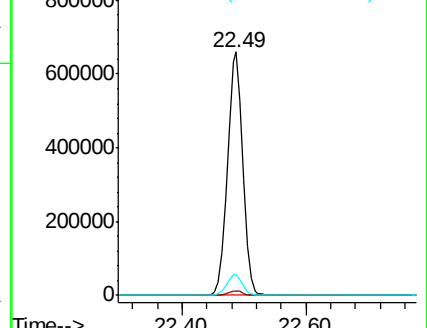
mohammad
3/3/2020 12:28:32 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.185 ng

RT: 27.87 min Scan# 4218

Delta R.T. -0.18 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

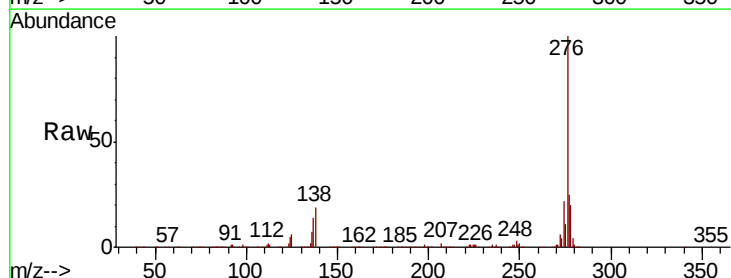
Tgt Ion:276 Resp: 1297149

Ion Ratio Lower Upper

276 100

138 22.5 18.2 27.4

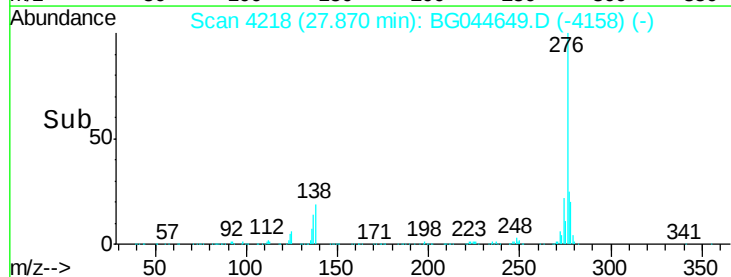
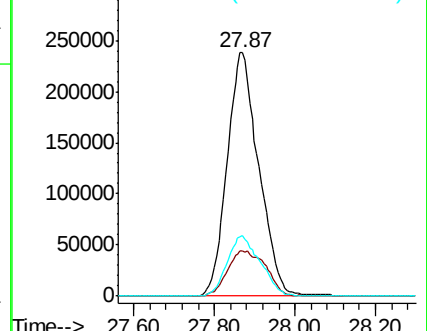
277 26.1 20.7 31.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.45 min Scan# 3636

Delta R.T. -0.12 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Instrument :

BNA_G

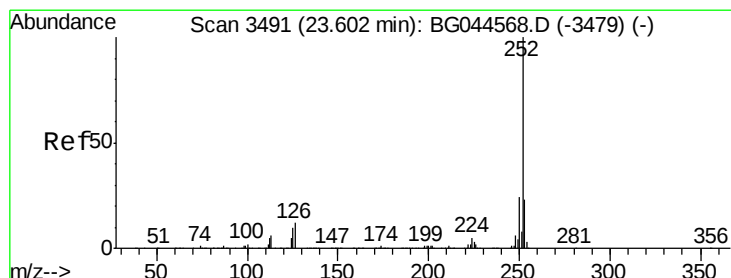
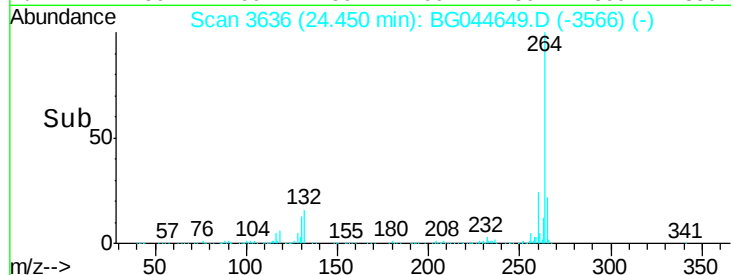
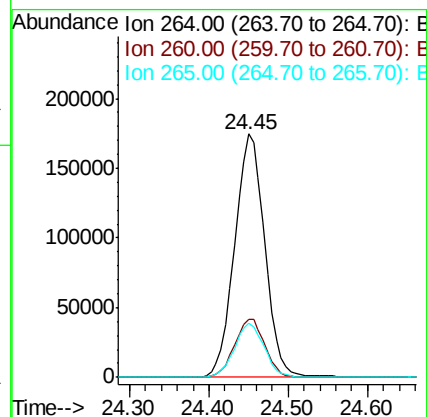
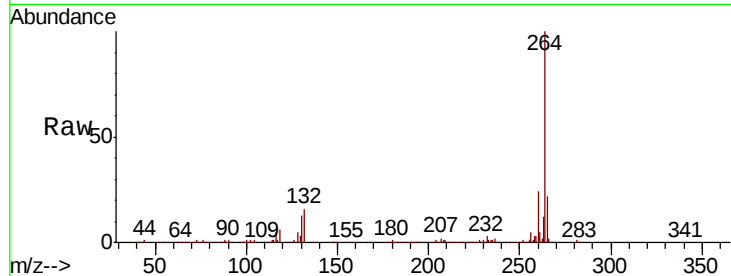
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	458150
Ion Ratio		Lower	Upper
264	100		
260	23.9	19.7	29.5
265	22.0	17.8	26.8

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



#88

Benzo(b)fluoranthene

Concen: 37.279 ng

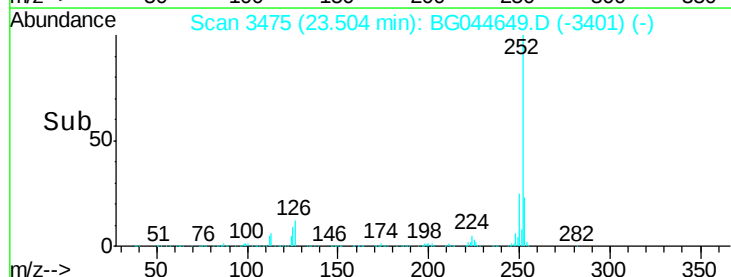
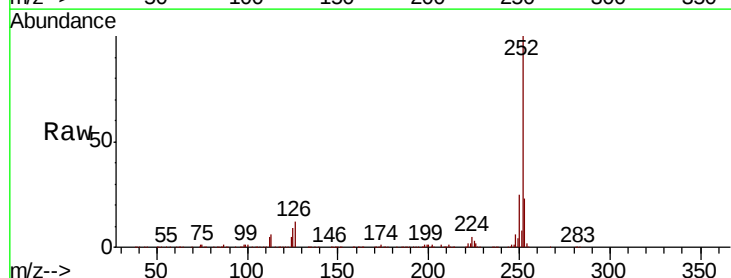
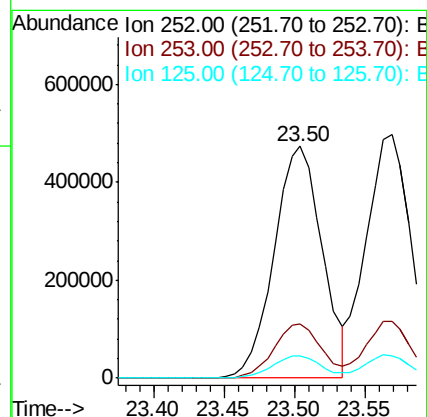
RT: 23.50 min Scan# 3475

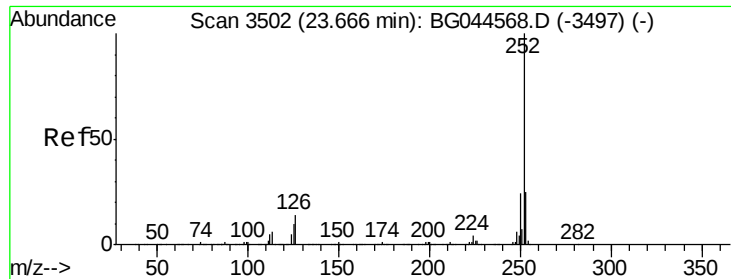
Delta R.T. -0.10 min

Lab File: BG044649.D

Acq: 3 Mar 2020 2:23

Tgt Ion:	252	Resp:	1122925
Ion Ratio		Lower	Upper
252	100		
253	23.2	18.4	27.6
125	9.5	7.9	11.9





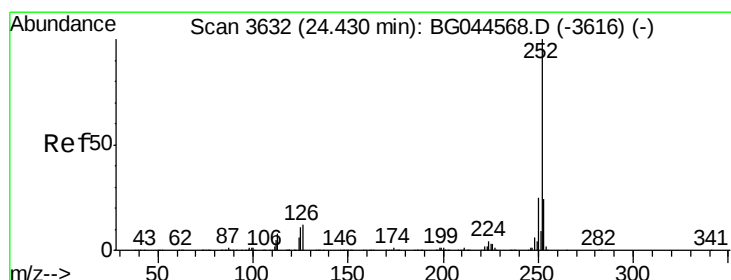
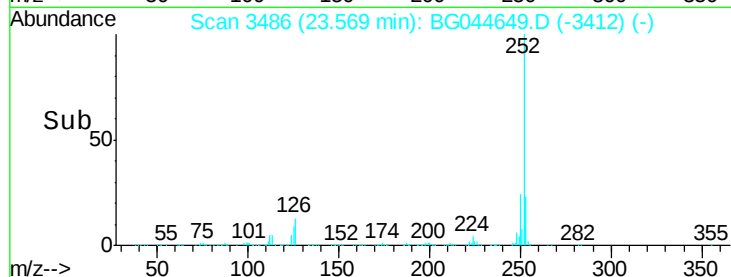
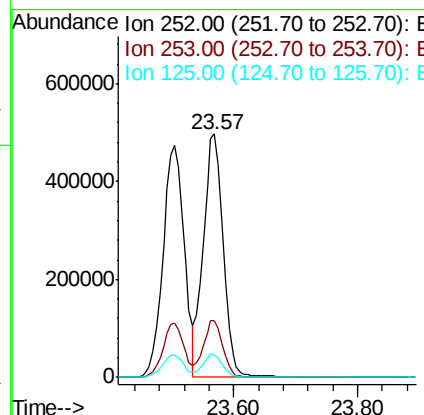
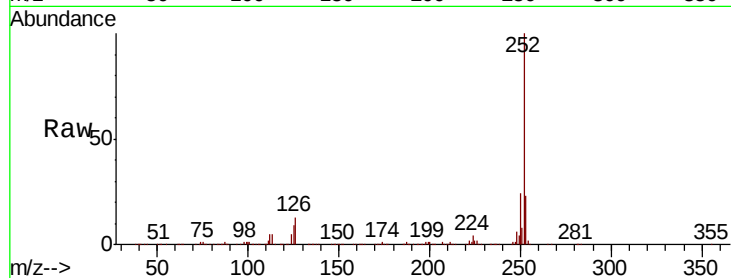
#89
Benzo(k)fluoranthene
Concen: 37.862 ng
RT: 23.57 min Scan# 3486
Delta R.T. -0.10 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1106604
Ion Ratio Lower Upper
252 100
253 23.1 19.0 28.6
125 9.2 7.8 11.8

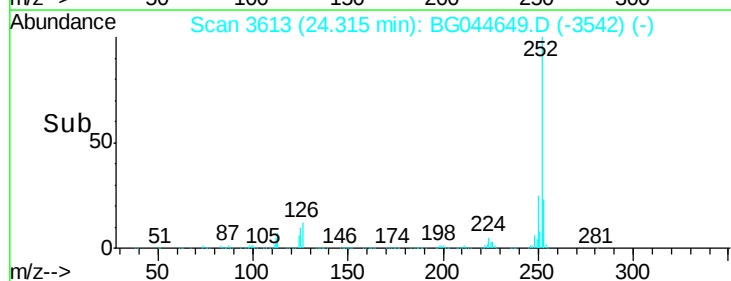
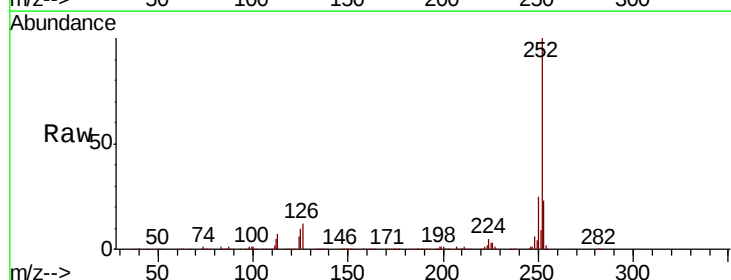
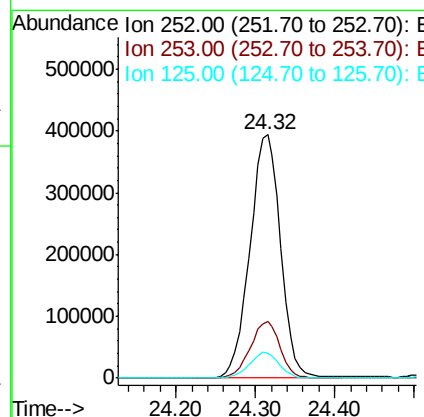
Manual Integrations
APPROVED

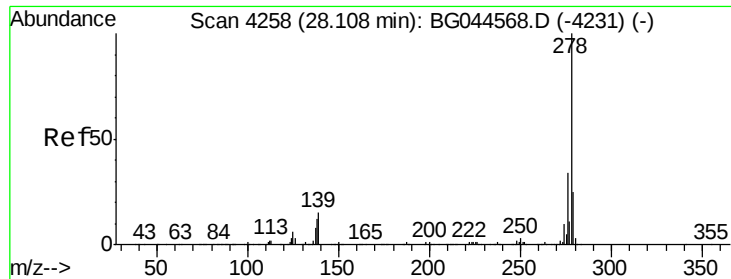
mohammad
3/3/2020 12:28:32 PM



#90
Benzo(a)pyrene
Concen: 37.423 ng
RT: 24.32 min Scan# 3613
Delta R.T. -0.11 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion:252 Resp: 1059132
Ion Ratio Lower Upper
252 100
253 23.0 19.0 28.4
125 10.2 8.5 12.7





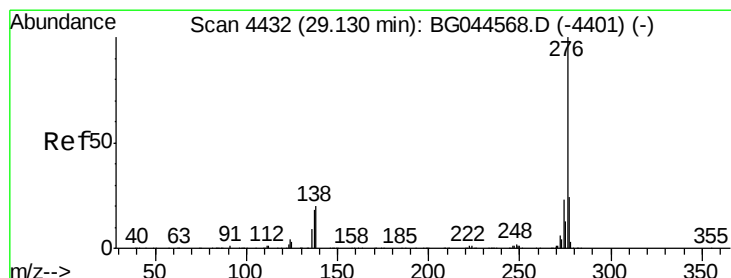
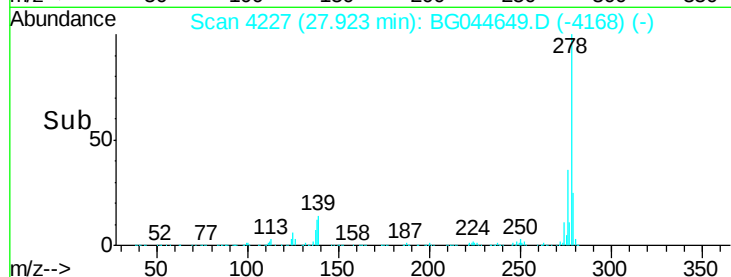
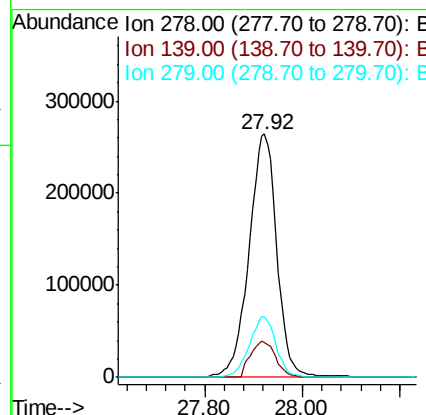
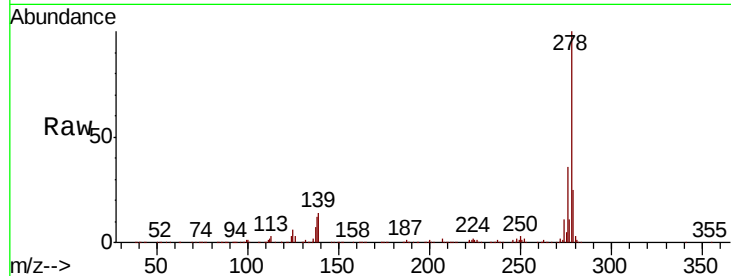
#91
Dibenzo(a,h)anthracene
Concen: 37.471 ng
RT: 27.92 min Scan# 4227
Delta R.T. -0.19 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.7	17.5
279	24.6	19.8	29.6

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:32 PM



#92
Benzo(g,h,i)perylene
Concen: 37.455 ng
RT: 28.93 min Scan# 4399
Delta R.T. -0.20 min
Lab File: BG044649.D
Acq: 3 Mar 2020 2:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.5	29.3
138	18.7	16.1	24.1

