

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
 Data File : BG026563.D
 Acq On : 5 Apr 2017 18:10
 Operator : SJ/MA
 Sample : I2537-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MSD

Manual Integrations
 APPROVED

mohammad
 4/6/2017 3:42:23 PM

Quant Time: Apr 06 01:19:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	165042	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	668901	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	404121	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	1028778	20.00	ng	0.00
75) Chrysene-d12	21.63	240	1162525	20.00	ng	0.00
86) Perylene-d12	24.80	264	1159601	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1258371	135.33	ng	0.00
7) Phenol-d6	7.21	99	1552437	124.36	ng	0.00
23) Nitrobenzene-d5	9.20	82	926038	83.24	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	837681	181.01	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2526849	87.69	ng	0.00
78) Terphenyl-d14	19.98	244	3702502	77.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	144706	34.67	ng	# 79
3) Pyridine	3.91	79	329908	28.86	ng	# 61
4) n-Nitrosodimethylamine	3.81	42	123056	39.39	ng	# 1
6) Aniline	7.37	93	205070	12.30	ng	# 84
8) 2-Chlorophenol	7.61	128	498142	47.58	ng	# 78
9) Benzaldehyde	7.18	77	194246	23.05	ng	# 64
10) Phenol	7.23	94	545178	40.92	ng	# 69
11) bis(2-Chloroethyl)ether	7.46	93	444729	40.71	ng	# 79
12) 1,3-Dichlorobenzene	7.93	146	535052	42.93	ng	# 85
13) 1,4-Dichlorobenzene	8.07	146	536218	42.53	ng	# 93
14) 1,2-Dichlorobenzene	8.40	146	519612	43.06	ng	# 90
15) Benzyl Alcohol	8.27	79	364712	44.56	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	8.57	45	417330	34.40	ng	78
17) 2-Methylphenol	8.48	107	416413	44.01	ng	# 81
18) Hexachloroethane	9.13	117	170557	41.37	ng	94
19) n-Nitroso-di-n-propylamine	8.84	70	319072	39.76	ng	# 69
20) 3+4-Methylphenols	8.81	107	575341	44.17	ng	85
22) Acetophenone	8.86	105	690180	44.87	ng	# 72
24) Nitrobenzene	9.24	77	464365	42.28	ng	# 69
25) Isophorone	9.76	82	918244	43.79	ng	# 88
26) 2-Nitrophenol	9.95	139	285840	50.01	ng	# 61
27) 2,4-Dimethylphenol	10.01	122	481390	51.31	ng	86
28) bis(2-Chloroethoxy)methane	10.24	93	597652	43.88	ng	# 98
29) 2,4-Dichlorophenol	10.49	162	518914	54.69	ng	91
30) 1,2,4-Trichlorobenzene	10.71	180	526166	49.37	ng	100
31) Naphthalene	10.89	128	1545703	45.70	ng	99
32) Benzoic acid	10.15	122	318572	44.13	ng	# 67
33) 4-Chloroaniline	11.01	127	32620	2.37	ng	# 77
34) Hexachlorobutadiene	11.18	225	300384	47.77	ng	97
35) Caprolactam	11.76	113	164947m	44.12	ng	
36) 4-Chloro-3-methylphenol	12.12	107	515585	50.80	ng	# 74
37) 2-Methylnaphthalene	12.49	142	1186695	47.90	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	572823	47.11	ng	97
40) Hexachlorocyclopentadiene	12.83	237	626670	97.91	ng	96

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
 Data File : BG026563.D
 Acq On : 5 Apr 2017 18:10
 Operator : SJ/MA
 Sample : I2537-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MSD

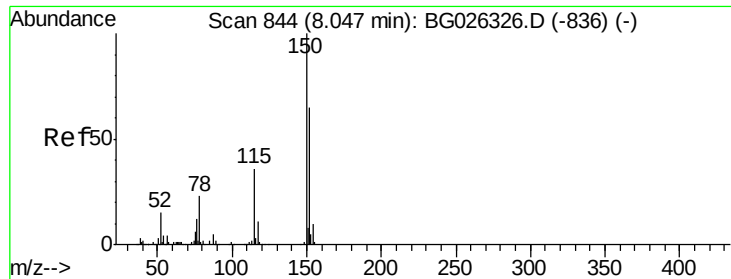
Manual Integrations
 APPROVED

mohammad
 4/6/2017 3:42:23 PM

Quant Time: Apr 06 01:19:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	433526	54.46	nq	95
43) 2,4,5-Trichlorophenol	13.17	196	457946	52.04	nq #	88
45) 1,1'-Biphenyl	13.49	154	1516624	45.32	nq	98
46) 2-Chloronaphthalene	13.53	162	1150588	47.07	nq	96
47) 2-Nitroaniline	13.73	65	304102	43.75	nq #	51
48) Acenaphthylene	14.37	152	1917571	45.00	nq	100
49) Dimethylphthalate	14.10	163	1548036	50.75	nq	98
50) 2,6-Dinitrotoluene	14.22	165	380607	53.46	nq #	57
51) Acenaphthene	14.71	154	1228205	46.81	nq	100
52) 3-Nitroaniline	14.55	138	40469	5.16	nq #	60
53) 2,4-Dinitrophenol	14.76	184	346584	83.92	nq #	71
54) Dibenzofuran	15.04	168	1876643	50.80	nq #	89
55) 4-Nitrophenol	14.86	139	625775	97.49	nq #	38
56) 2,4-Dinitrotoluene	15.01	165	545318	54.46	nq #	67
57) Fluorene	15.69	166	1574709	47.90	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	471166	61.39	nq #	92
59) Diethylphthalate	15.45	149	1554180	49.85	nq	97
60) 4-Chlorophenyl-phenylether	15.68	204	784399	50.35	nq	90
61) 4-Nitroaniline	15.71	138	359114	43.31	nq #	49
62) Azobenzene	15.97	77	1220400	48.14	nq	76
64) 4,6-Dinitro-2-methylphenol	15.77	198	307472	47.40	nq	83
65) n-Nitrosodiphenylamine	15.89	169	1417380	46.94	nq	99
66) 4-Bromophenyl-phenylether	16.56	248	551531	52.09	nq	94
67) Hexachlorobenzene	16.69	284	580620	51.40	nq	90
68) Atrazine	16.83	200	457091	39.99	nq	96
69) Pentachlorophenol	17.03	266	733477	99.87	nq	95
70) Phenanthrene	17.42	178	2533689	45.86	nq	98
71) Anthracene	17.51	178	2613792	46.37	nq	96
72) Carbazole	17.78	167	2464362	42.46	nq	96
73) Di-n-butylphthalate	18.33	149	2756654	46.23	nq #	96
74) Fluoranthene	19.42	202	2979705	45.87	nq	97
76) Benzidine	19.61	184	140444	3.50	nq	96
77) Pyrene	19.78	202	3015303	44.79	nq	95
79) Butylbenzylphthalate	20.66	149	1315172	48.83	nq #	82
80) Benzo(a)anthracene	21.61	228	2982915	45.60	nq	98
81) 3,3'-Dichlorobenzidine	21.52	252	302903	11.31	nq	97
82) Chrysene	21.67	228	2763074	44.21	nq	97
83) Bis(2-ethylhexyl)phthalate	21.51	149	1849131	45.46	nq	96
84) Di-n-octyl phthalate	22.69	149	3101221	44.67	nq #	81
85) Indeno(1,2,3-cd)pyrene	28.43	276	3851131	49.90	nq #	88
87) Benzo(b)fluoranthene	23.80	252	3187837	46.63	nq #	95
88) Benzo(k)fluoranthene	23.86	252	3164878	47.74	nq #	96
89) Benzo(a)pyrene	24.65	252	3114975	47.51	nq #	96
90) Dibenzo(a,h)anthracene	28.49	278	3231120	48.76	nq #	91
91) Benzo(g,h,i)perylene	29.56	276	3158951	47.31	nq #	87

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



#1

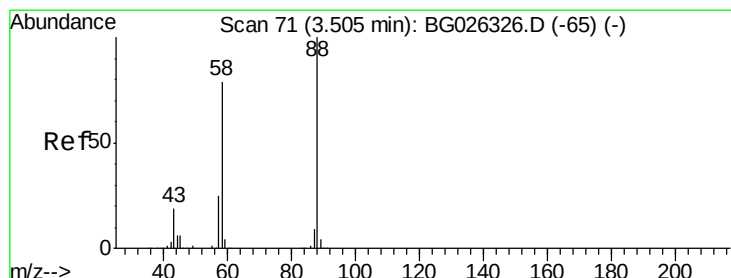
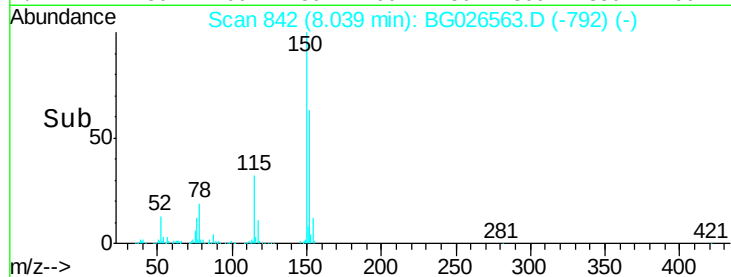
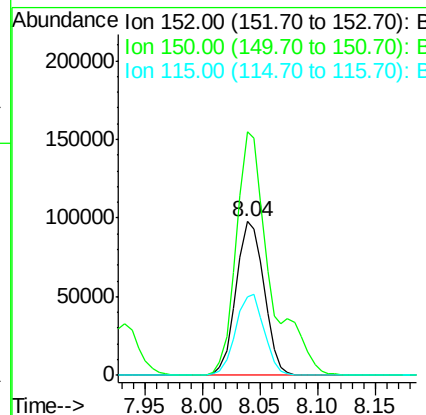
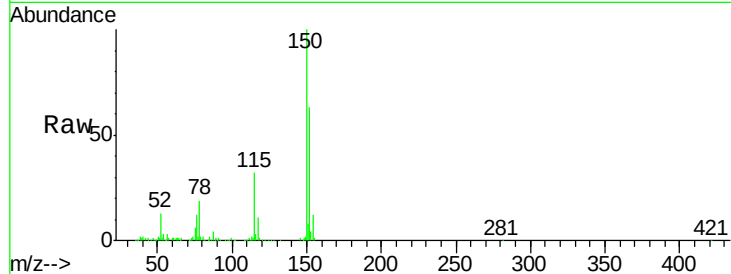
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	114.0	171.0
115	51.2	48.1	72.1

Manual Integrations
APPROVED

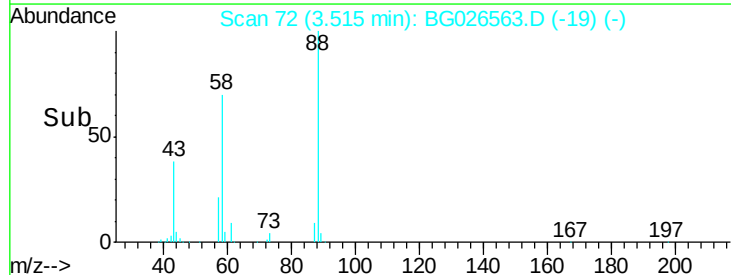
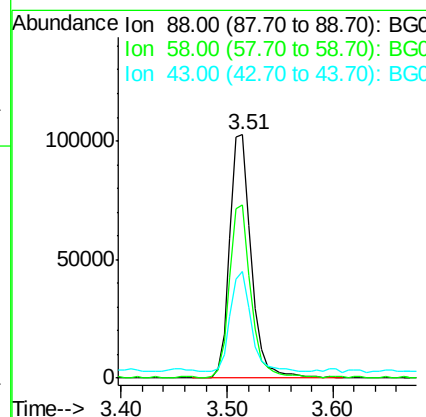
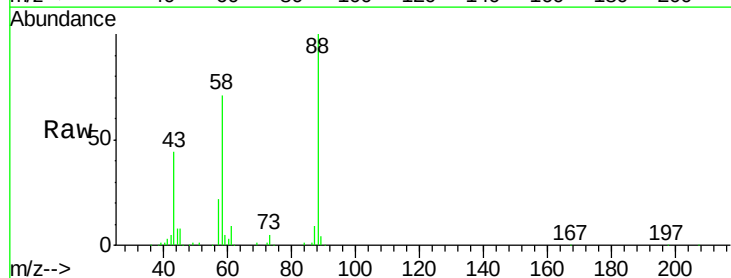
mohammad
4/6/2017 3:42:23 PM

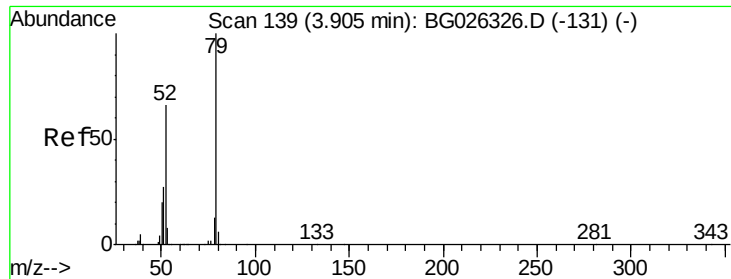


#2

1,4-Dioxane
Concen: 34.67 ng
RT: 3.51 min Scan# 72
Delta R.T. 0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	79.4	119.2#
43	40.8	33.8	50.6





#3

Pvridine

Concen: 28.86 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

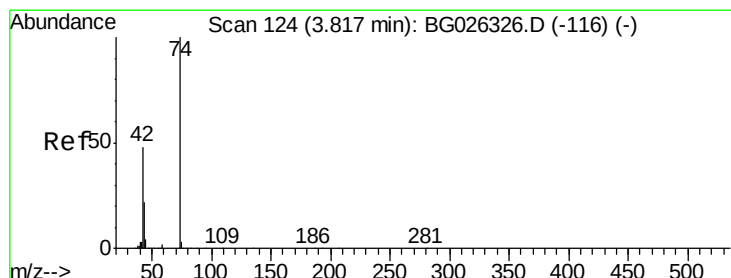
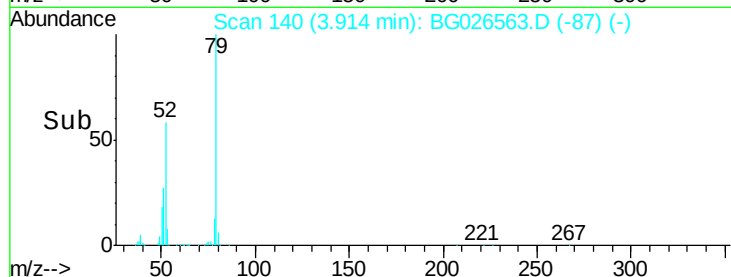
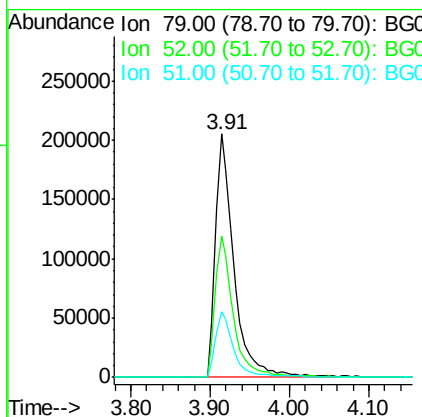
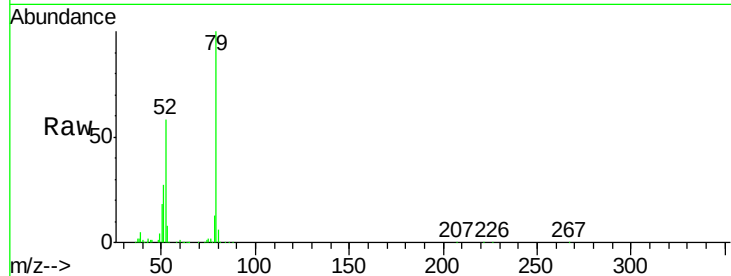
ClientSampled :

B1-(0-5)MSD

Tot Ion:	79	Resp:	329908
Ion	Ratio	Lower	Upper
79	100		
52	58.3	77.8	116.6#
51	26.8	43.2	64.8#

Manual Integrations
APPROVED

mohammad
4/6/2017 3:42:23 PM



#4

n-Nitrosodimethylamine

Concen: 39.39 ng

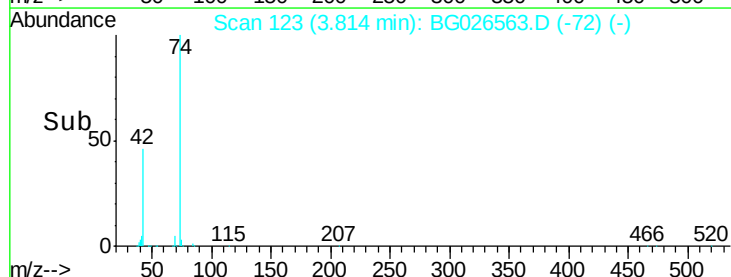
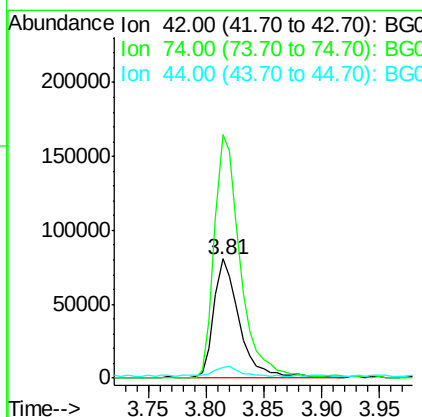
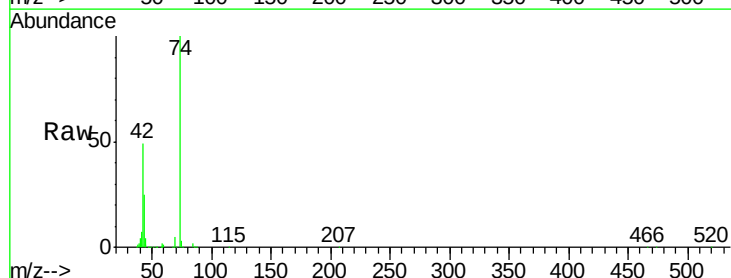
RT: 3.81 min Scan# 123

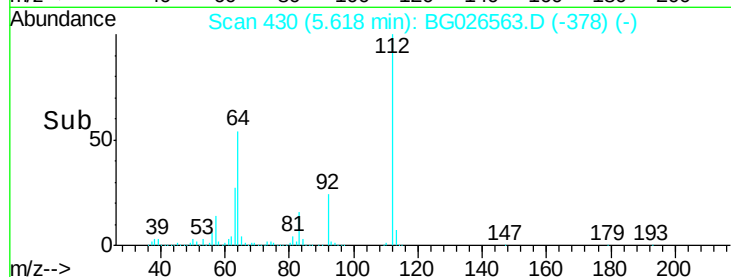
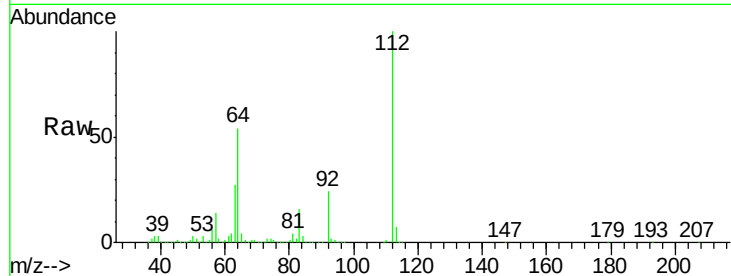
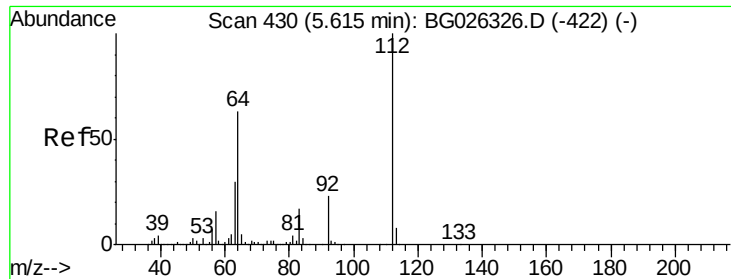
Delta R.T. -0.00 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Tgt Ion:	42	Resp:	123056
Ion	Ratio	Lower	Upper
42	100		
74	204.7	76.7	115.1#
44	8.8	6.1	9.1





#5

2-Fluorophenol

Concen: 135.33 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Tot Ion:	112	Resp:	1258371
Ion Ratio	Lower	Upper	
112	100		
64	54.2	61.8	92.6#
63	27.3	37.2	55.8#

Instrument :

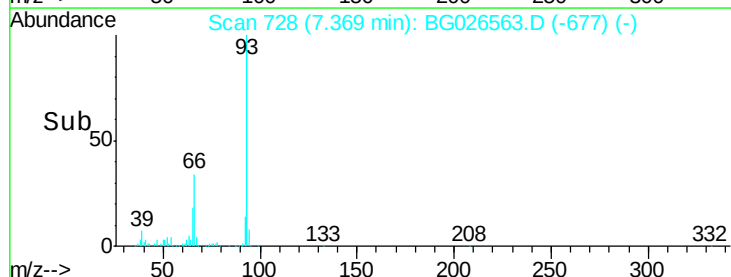
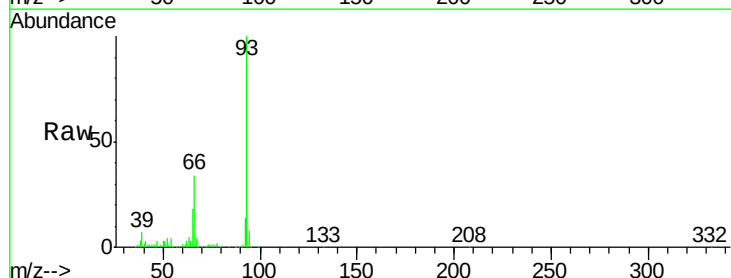
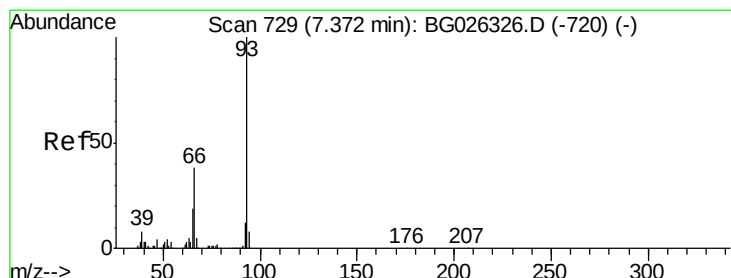
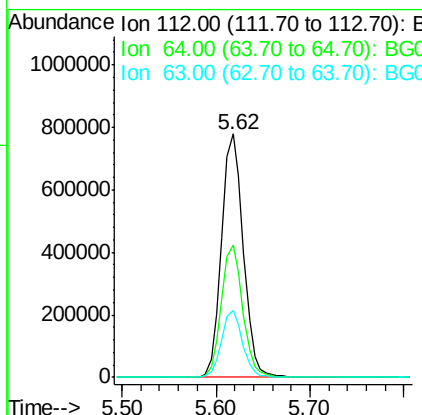
BNA_G

ClientSampled :

B1-(0-5)MSD

Manual Integrations
APPROVED

mohammad
4/6/2017 3:42:23 PM



#6

Aniline

Concen: 12.30 ng

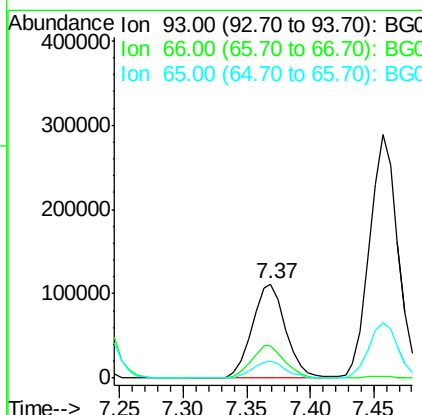
RT: 7.37 min Scan# 728

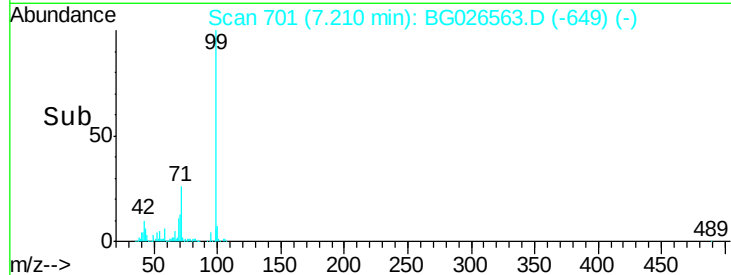
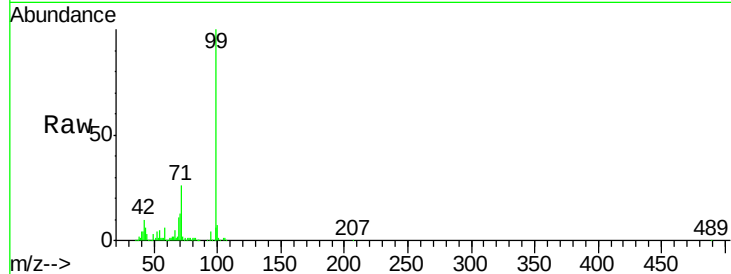
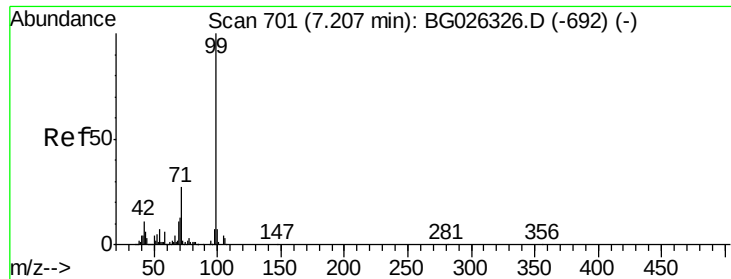
Delta R.T. -0.00 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Tgt Ion:	93	Resp:	205070
Ion Ratio	Lower	Upper	
93	100		
66	33.8	35.4	53.2#
65	18.4	21.2	31.8#





#7

Phenol-d6

Concen: 124.36 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Tot Ion: 99 Resp: 1552437

Ion Ratio Lower Upper

99 100

42 10.4 20.5 30.7#

71 25.7 37.6 56.4#

Instrument :

BNA_G

ClientSampleId :

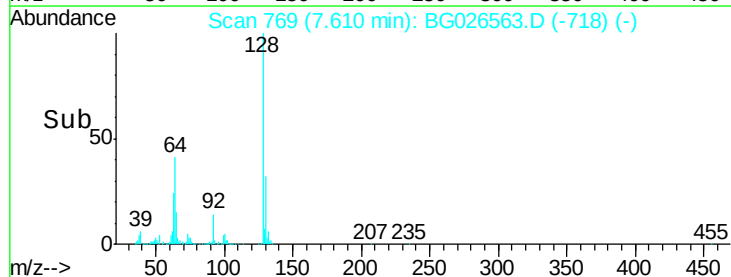
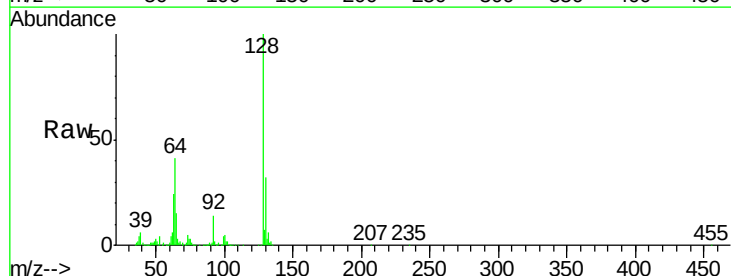
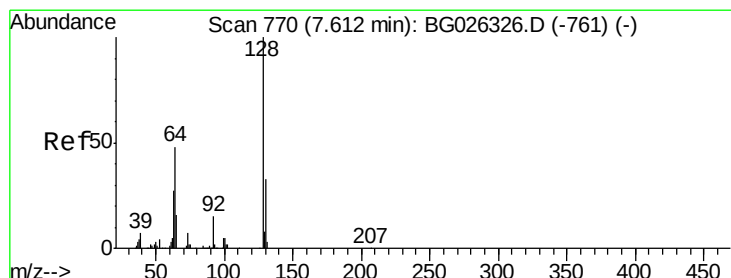
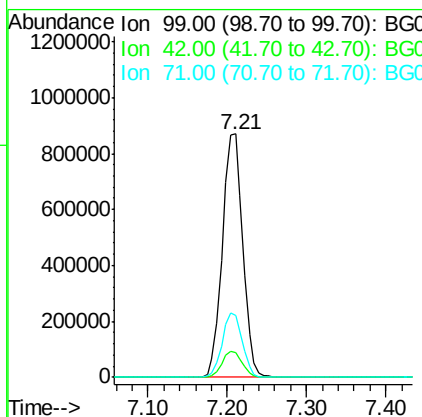
B1-(0-5)MSD

Manual Integrations

APPROVED

mohammad

4/6/2017 3:42:23 PM



#8

2-Chlorophenol

Concen: 47.58 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

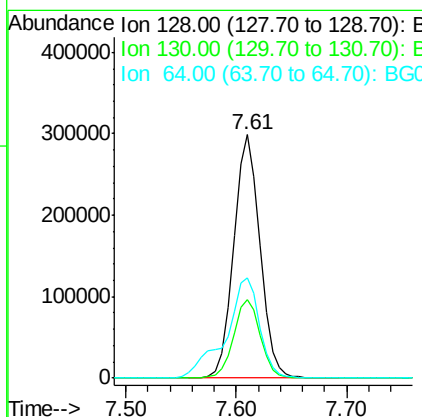
Tgt Ion:128 Resp: 498142

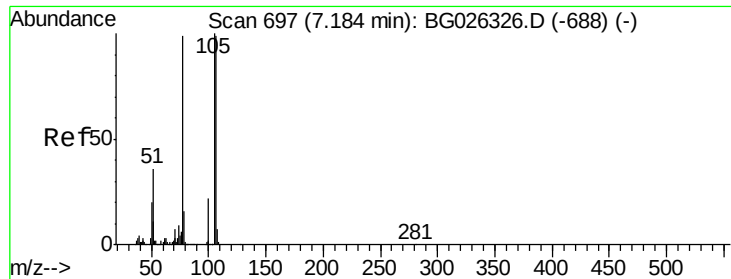
Ion Ratio Lower Upper

128 100

130 32.2 11.4 51.4

64 41.0 46.6 86.6#





#9

Benzaldehyde

Concen: 23.05 ng

RT: 7.18 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

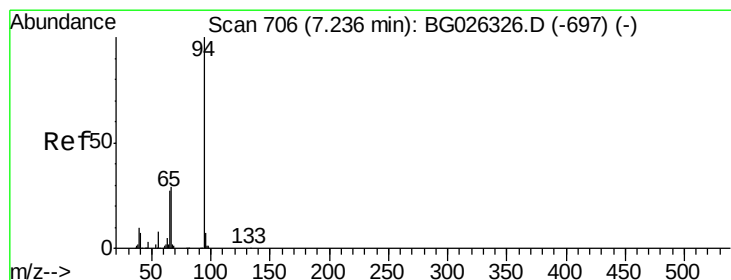
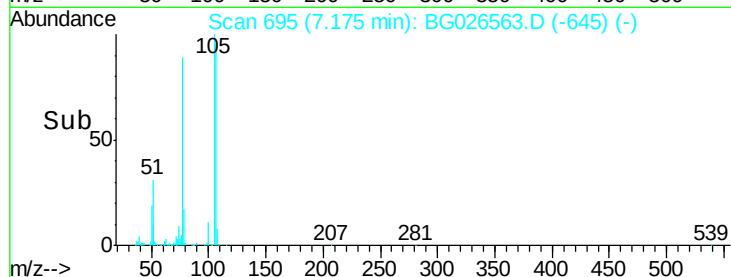
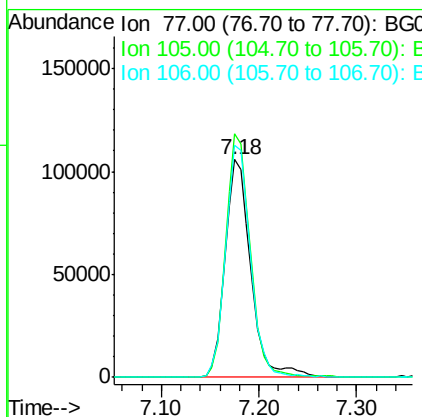
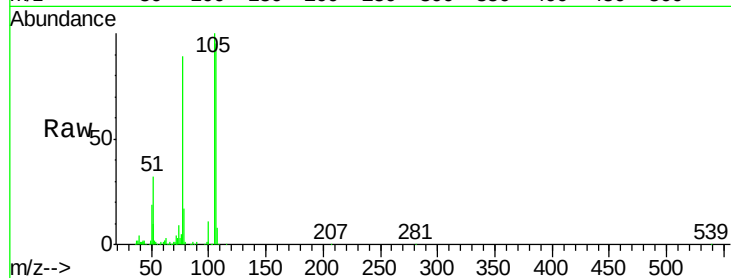
ClientSampleId :

B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	111.8	60.9	100.9#
106	106.3	55.1	95.1#

Manual Integrations
APPROVED

mohammad
4/6/2017 3:42:23 PM



#10

Phenol

Concen: 40.92 ng

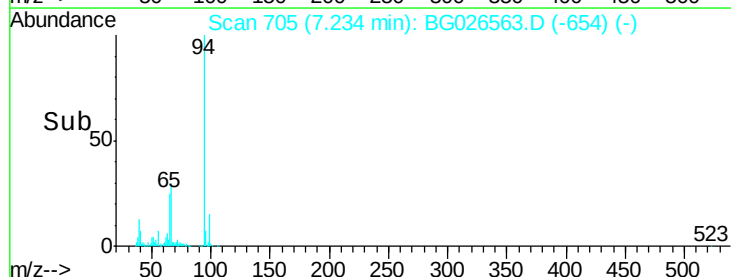
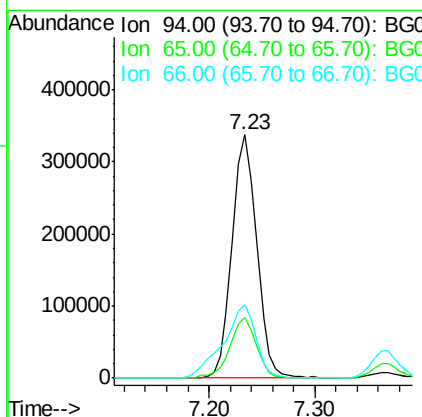
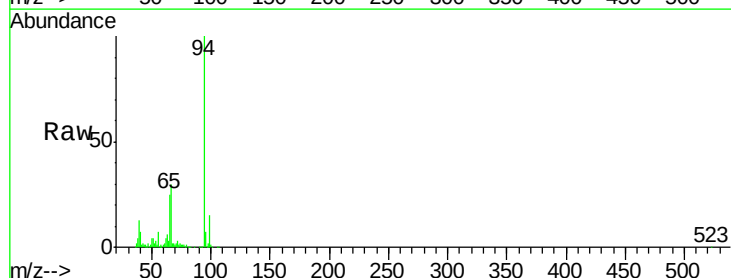
RT: 7.23 min Scan# 705

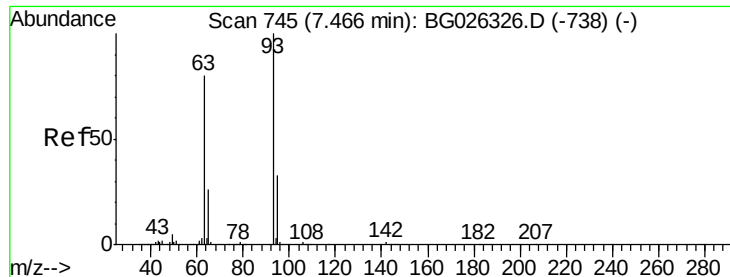
Delta R.T. -0.00 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.1	20.6	60.6
66	30.0	35.5	75.5#





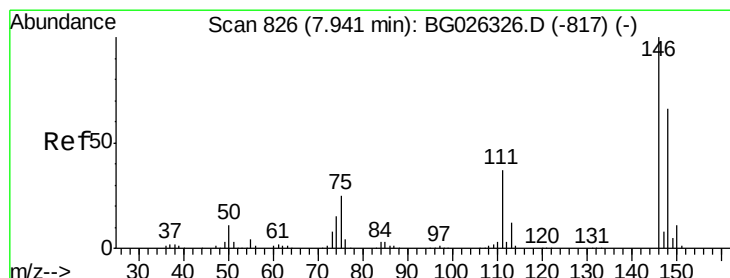
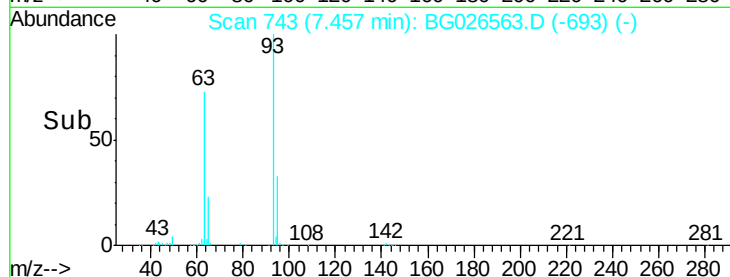
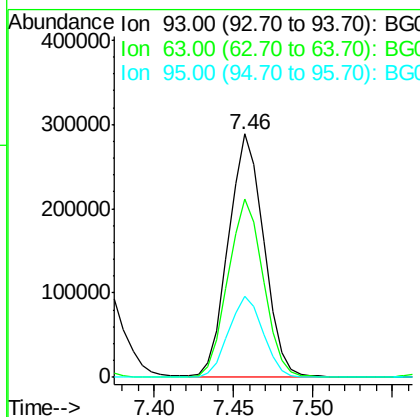
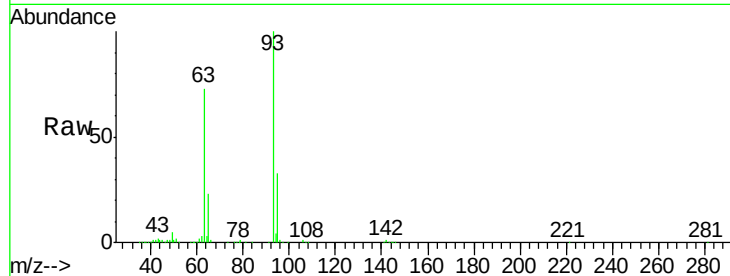
#11
bis(2-Chloroethyl)ether
Concen: 40.71 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.0	78.5	118.5#
95	33.3	9.8	49.8

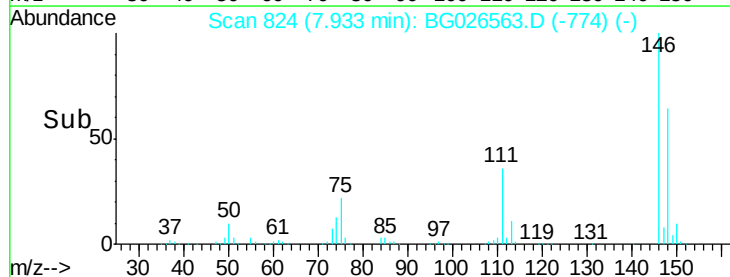
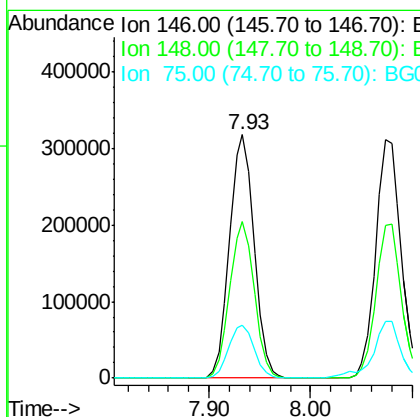
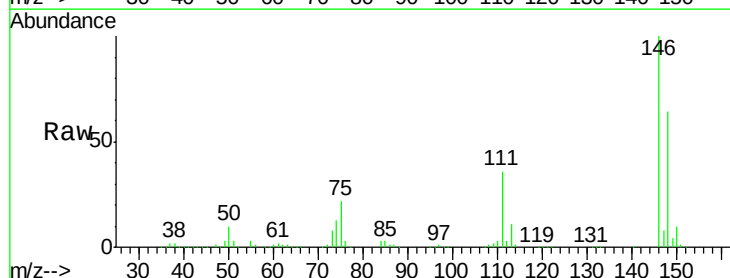
Manual Integrations
APPROVED

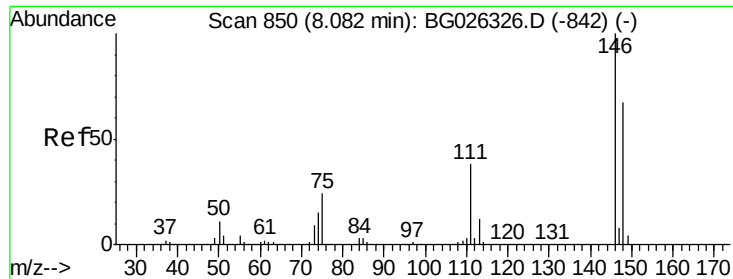
mohammad
4/6/2017 3:42:23 PM



#12
1,3-Dichlorobenzene
Concen: 42.93 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	49.2	73.8
75	21.7	33.4	50.2#





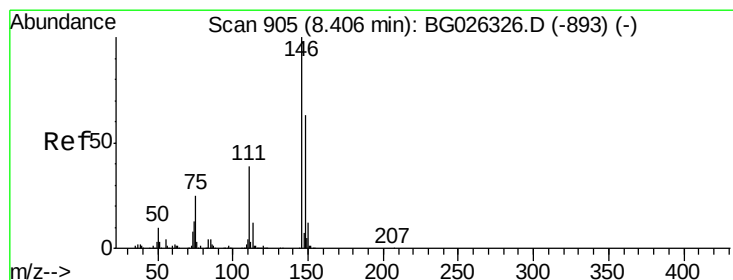
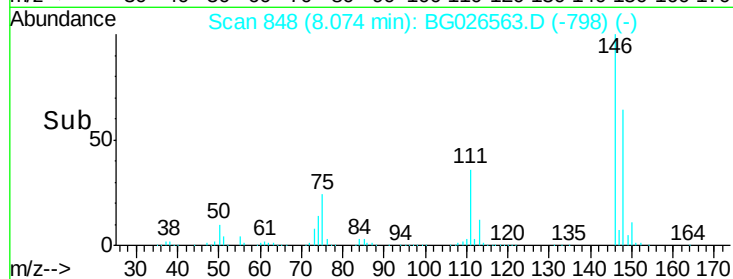
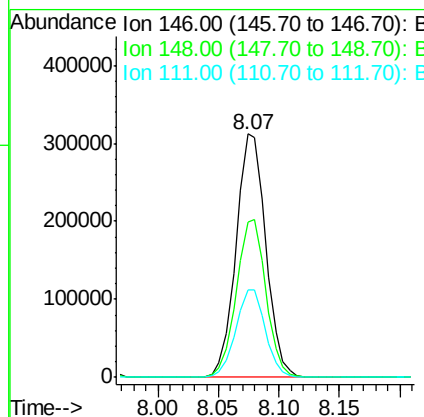
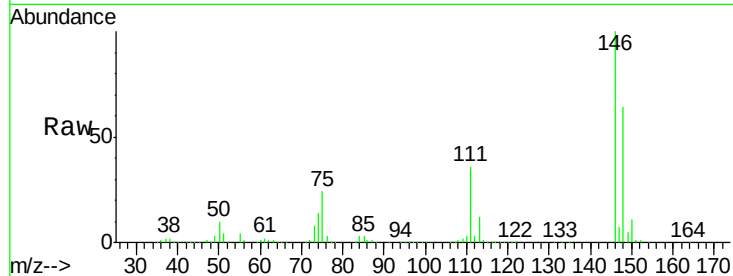
#13
 1,4-Dichlorobenzene
 Concen: 42.53 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	36.2	37.0	55.6

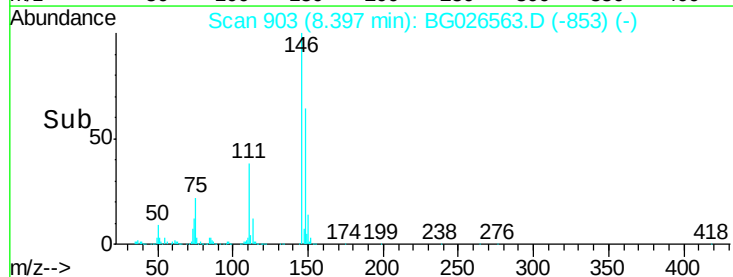
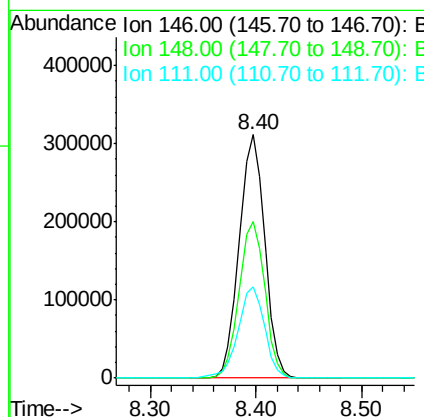
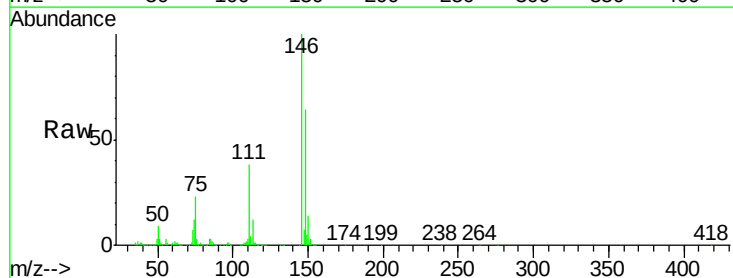
Manual Integrations
 APPROVED

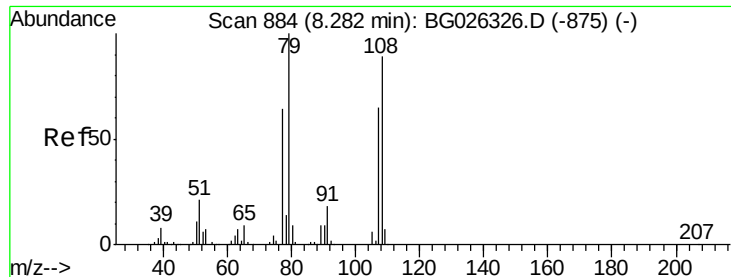
mohammad
 4/6/2017 3:42:23 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.06 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	54.6	81.8
111	37.5	39.7	59.5





#15

Benzyl Alcohol

Concen: 44.56 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

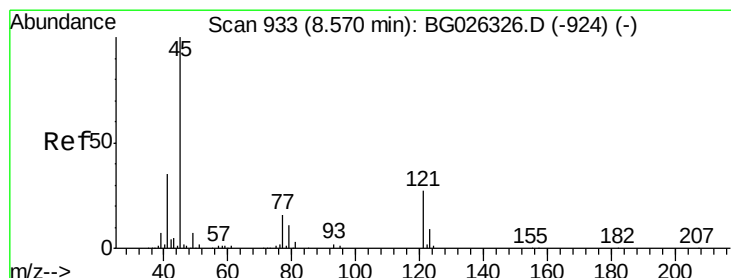
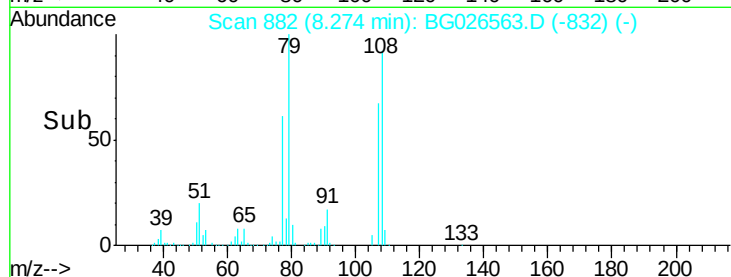
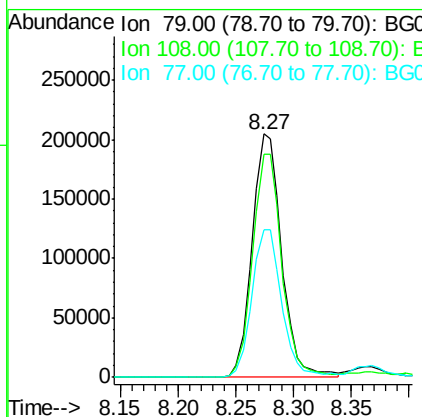
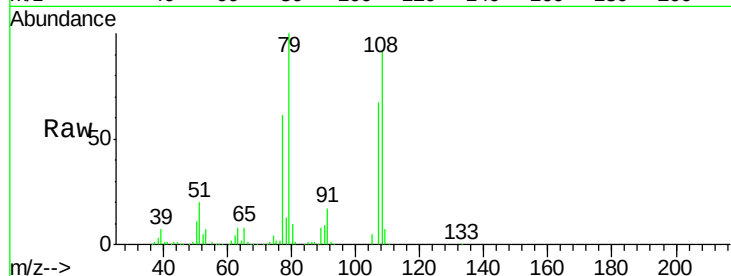
ClientSampleId :

B1-(0-5)MSD

Tot Ion:	79	Resp:	364712
Ion Ratio	Lower	Upper	
79	100		
108	91.7	45.5	68.3#
77	60.6	54.3	81.5

Manual Integrations
APPROVED

mohammad
4/6/2017 3:42:23 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.40 ng

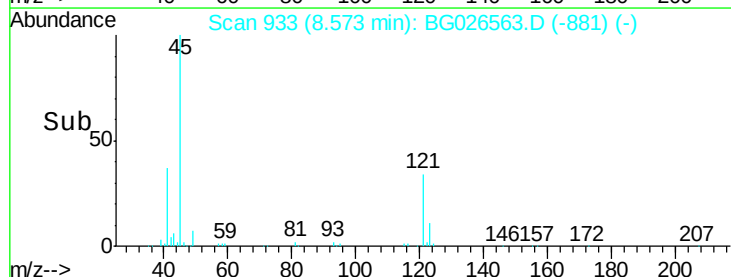
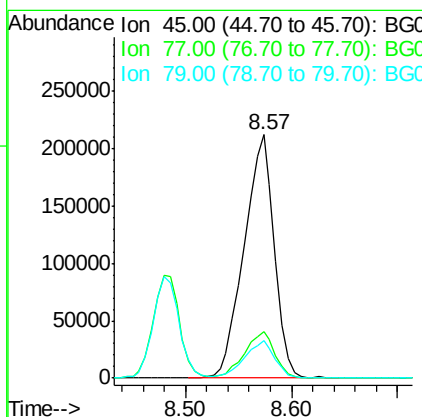
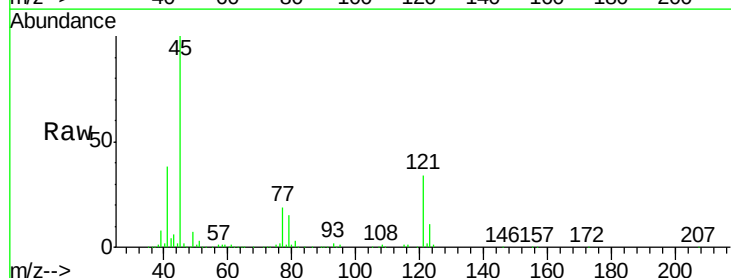
RT: 8.57 min Scan# 933

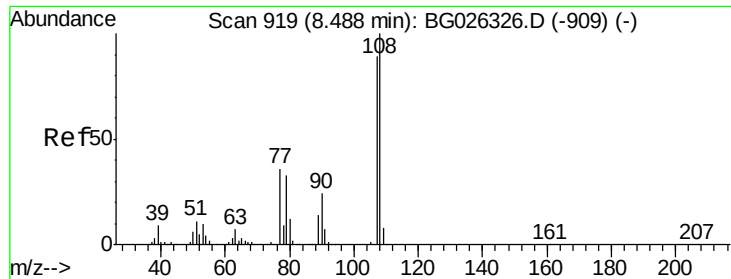
Delta R.T. 0.00 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Tgt Ion:	45	Resp:	417330
Ion Ratio	Lower	Upper	
45	100		
77	19.3	0.0	30.6
79	15.5	0.0	28.5





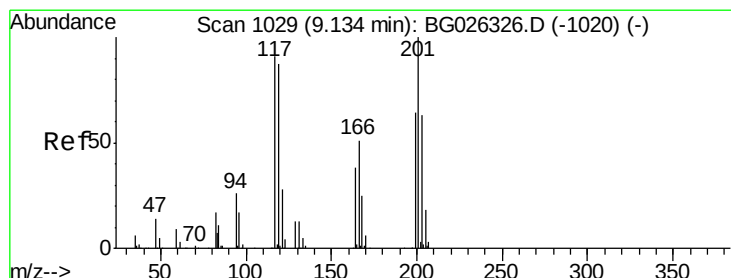
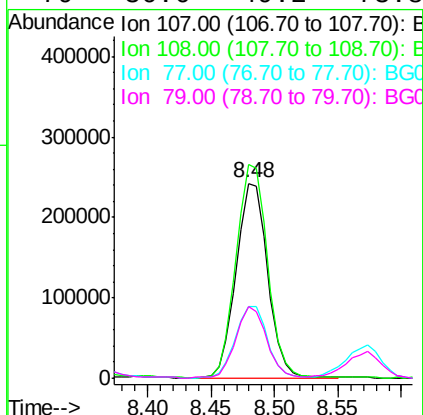
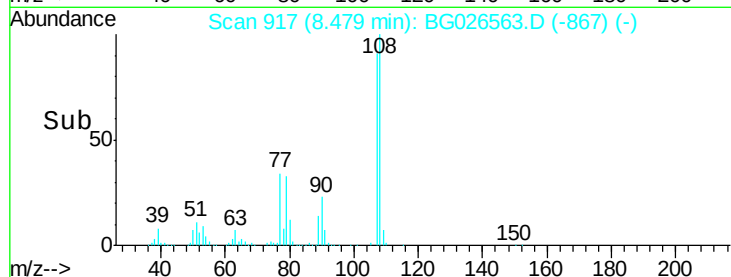
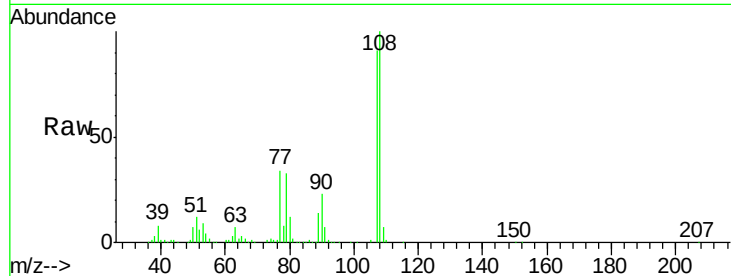
#17
2-Methylphenol
Concen: 44.01 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	85.6	128.4	
77	36.8	51.4	77.2#	
79	36.6	49.2	73.8#	

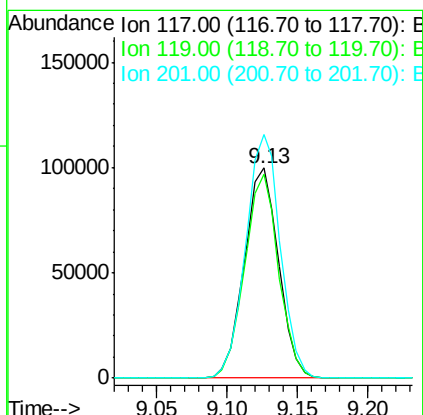
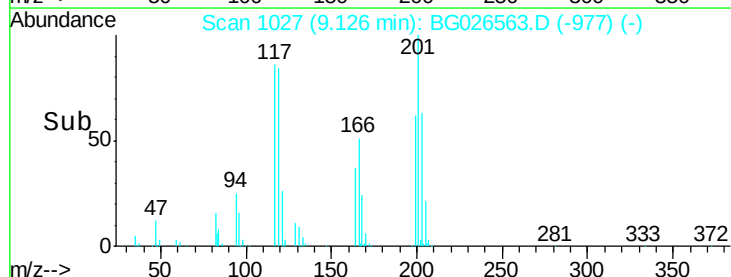
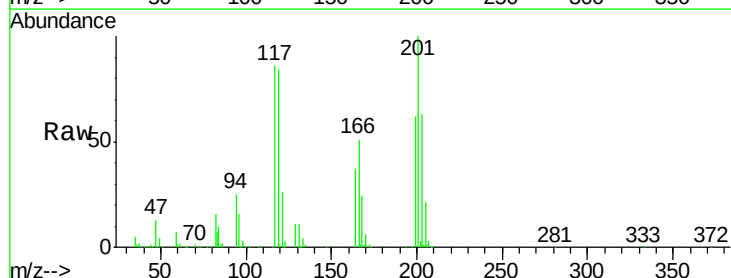
Manual Integrations
APPROVED

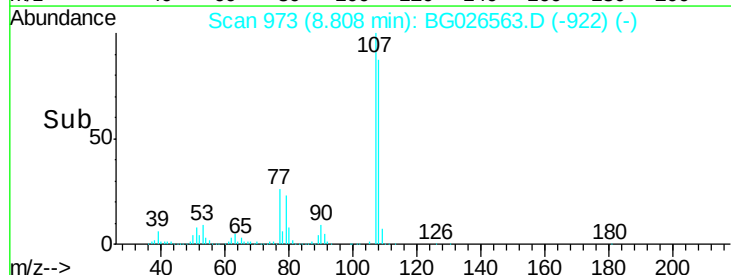
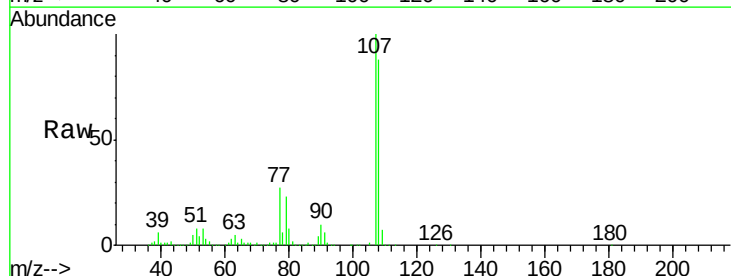
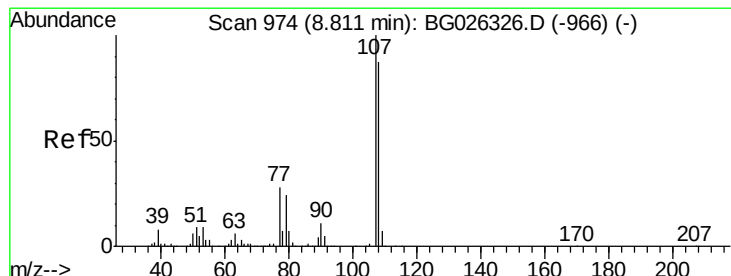
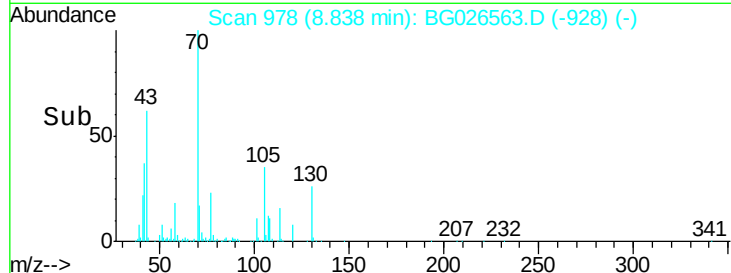
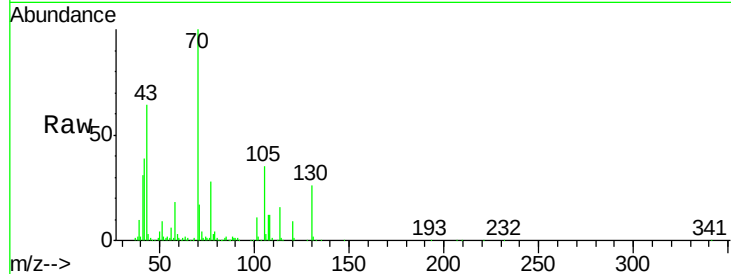
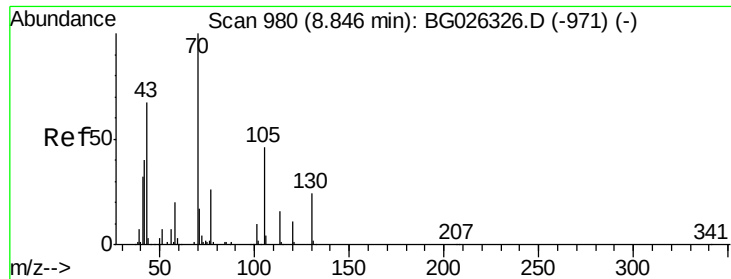
mohammad
4/6/2017 3:42:23 PM



#18
Hexachloroethane
Concen: 41.37 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	69.8	104.6	
201	115.8	95.4	143.0	





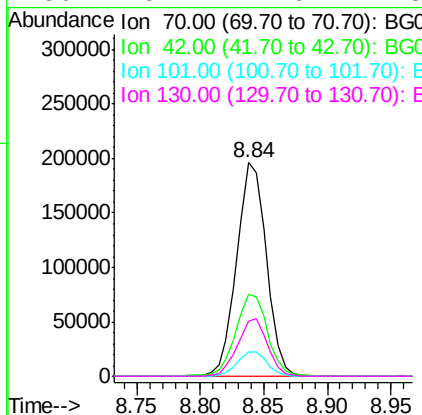
#19
n-Nitroso-di-n-propylamine
Concen: 39.76 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	38.6	56.1	84.1#		
101	11.3	7.5	11.3		
130	26.1	14.6	21.8#		

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

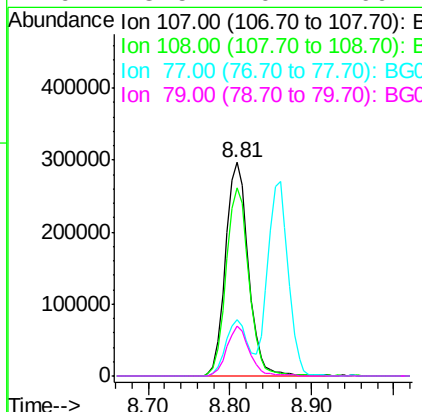
Manual Integrations
APPROVED

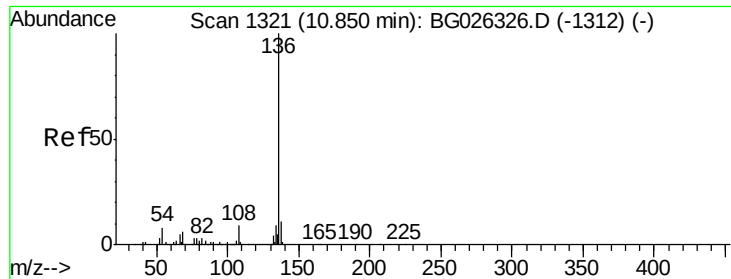
mohammad
4/6/2017 3:42:23 PM



#20
3+4-Methylphenols
Concen: 44.17 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.1	70.8	110.8		
77	26.5	25.8	65.8		
79	23.5	20.1	60.1		





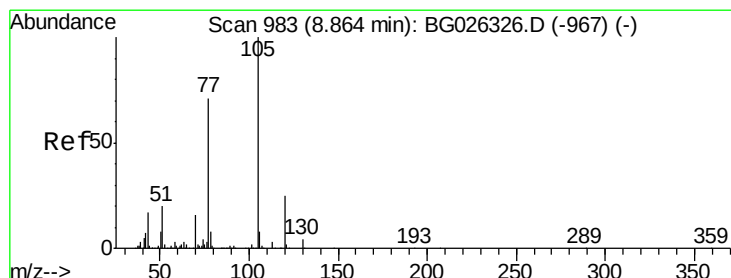
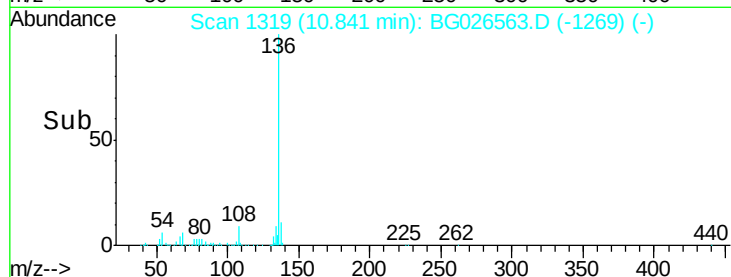
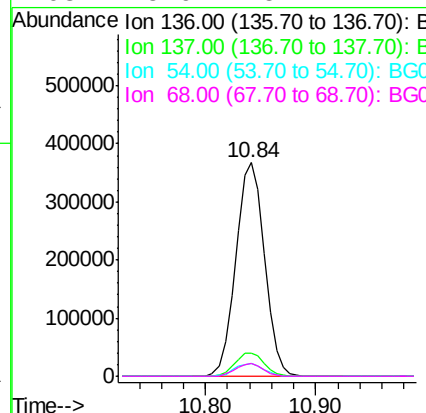
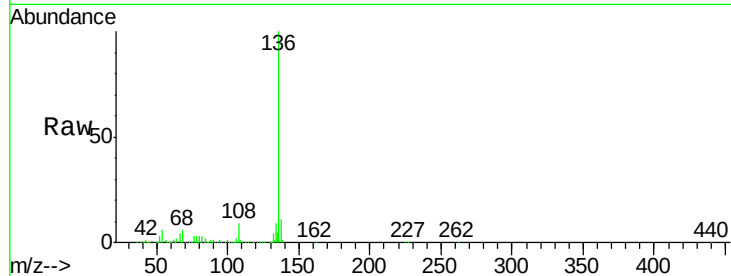
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	668901		
137	10.9		8.9	13.3
54	6.1		9.3	13.9#
68	5.9		5.1	7.7

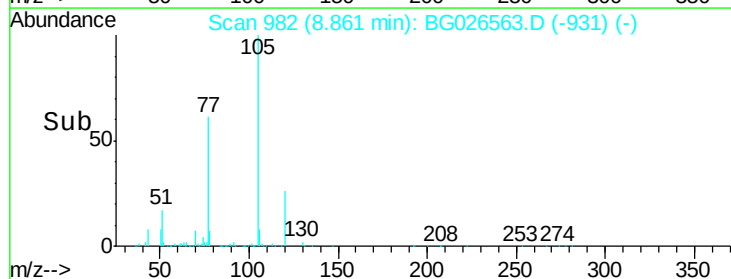
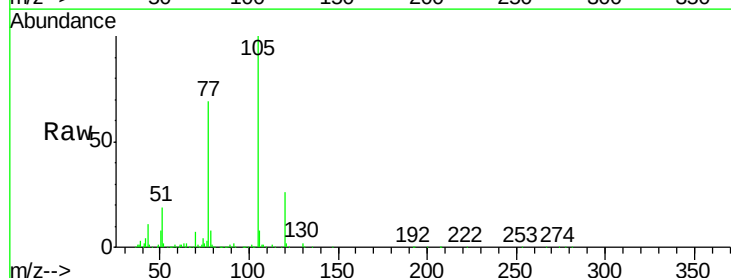
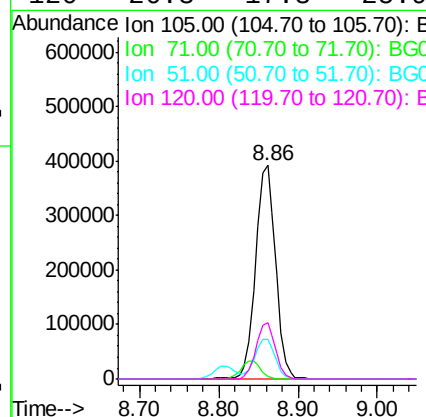
Manual Integrations
APPROVED

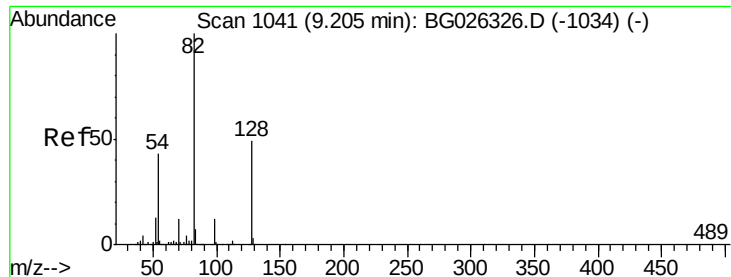
mohammad
4/6/2017 3:42:23 PM



#22
Acetophenone
Concen: 44.87 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	690180		
71	1.4		0.9	1.3#
51	18.5		34.0	51.0#
120	26.3		17.3	25.9#





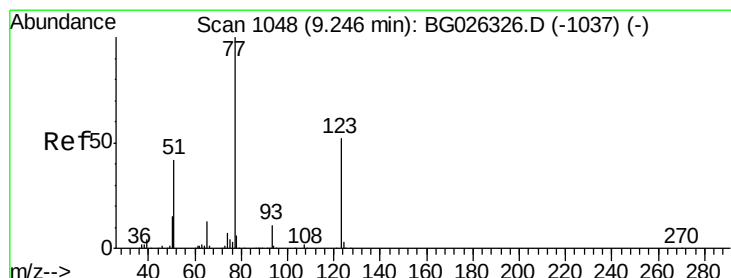
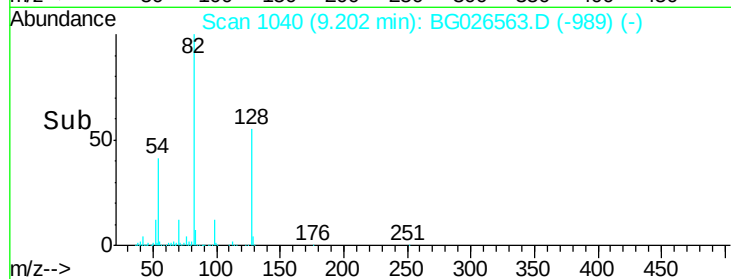
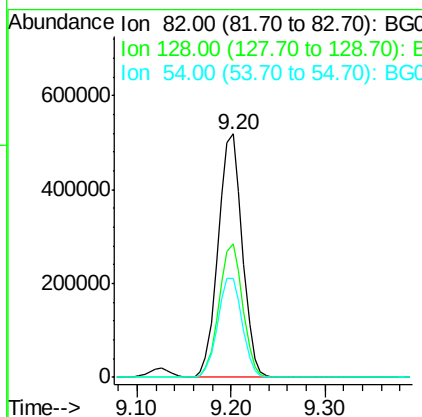
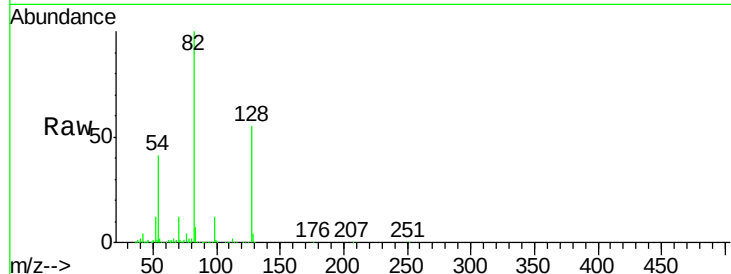
#23
 Nitrobenzene-d5
 Concen: 83.24 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	54.7	26.4	39.6#
54	40.8	49.4	74.2#

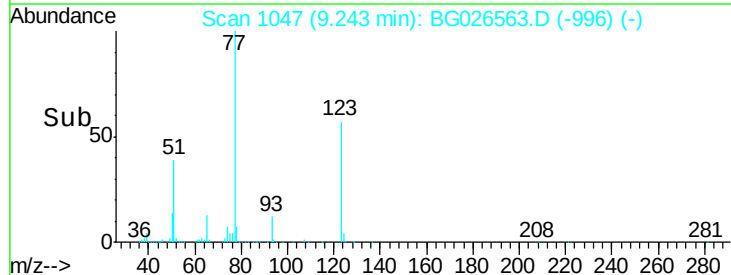
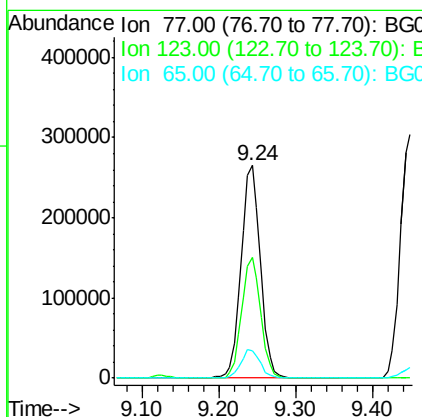
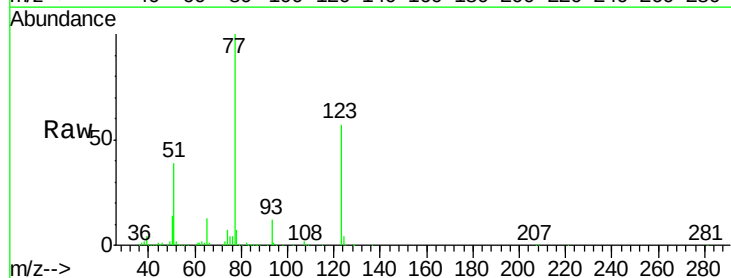
Manual Integrations
 APPROVED

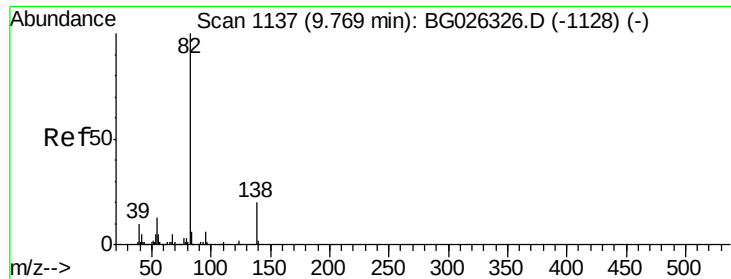
mohammad
 4/6/2017 3:42:23 PM



#24
 Nitrobenzene
 Concen: 42.28 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.9	26.1	39.1#
65	12.9	12.4	18.6





#25

Isophorone

Concen: 43.79 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

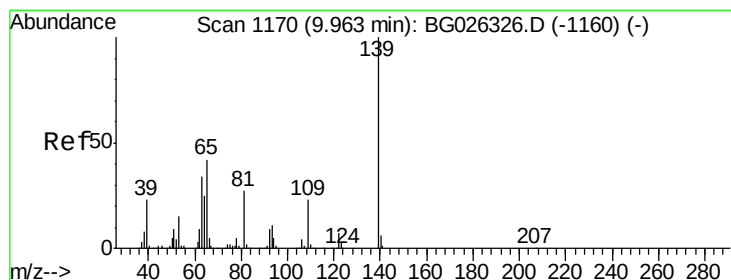
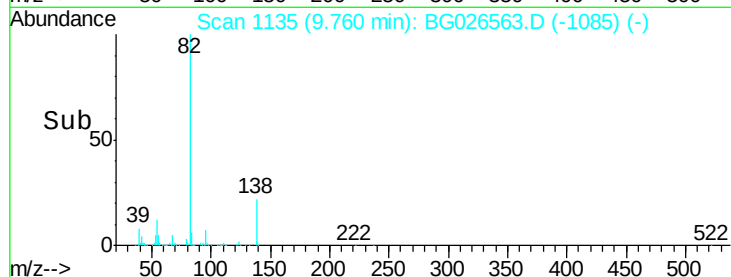
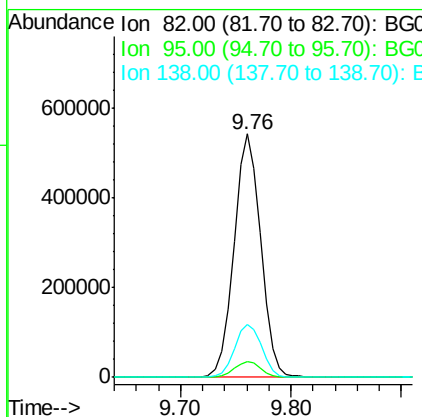
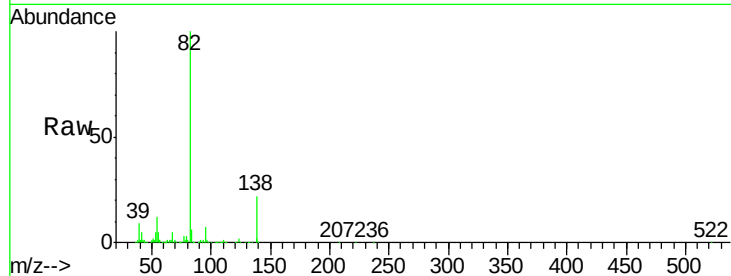
ClientSampleId :

B1-(0-5)MSD

Tot Ion	82	Resp	918244
Ion Ratio	Lower	Upper	
82	100		
95	6.5	7.5	11.3#
138	21.7	12.3	18.5#

Manual Integrations
APPROVED

mohammad
4/6/2017 3:42:23 PM



#26

2-Nitrophenol

Concen: 50.01 ng

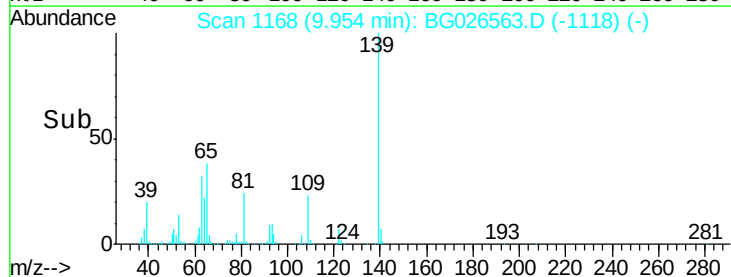
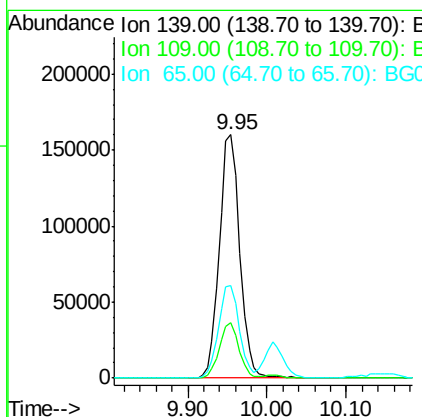
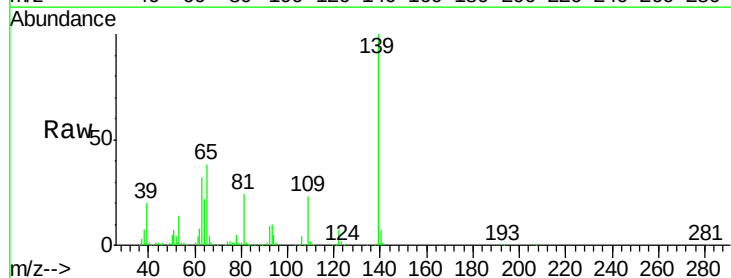
RT: 9.95 min Scan# 1168

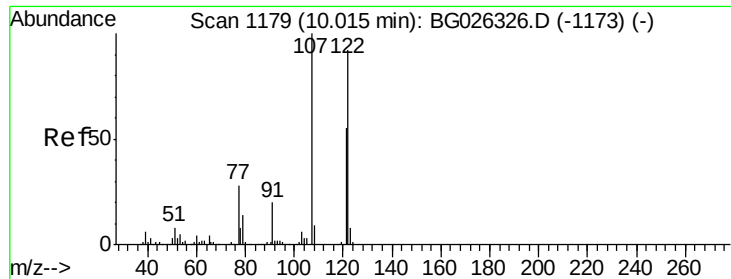
Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Tgt Ion	139	Resp	285840
Ion Ratio	Lower	Upper	
139	100		
109	22.6	38.6	58.0#
65	38.1	57.1	85.7#





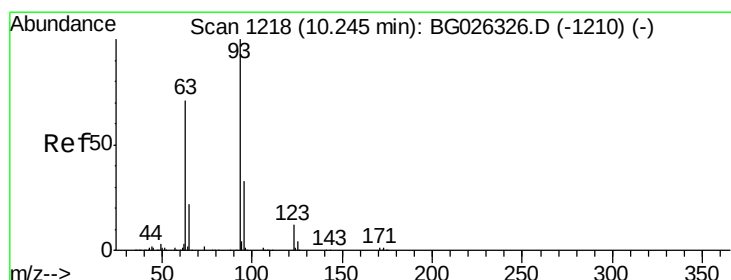
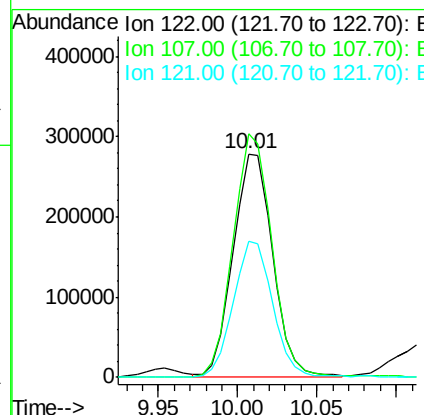
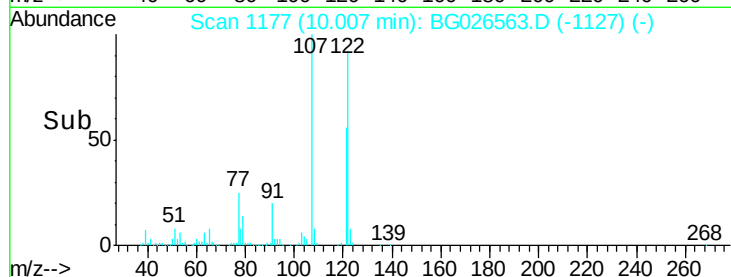
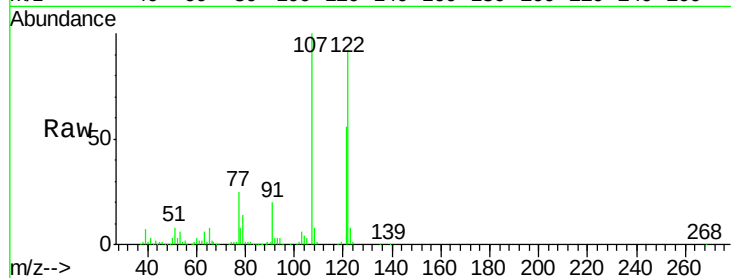
#27
2,4-Dimethylphenol
Concen: 51.31 ng
RT: 10.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.1	104.2	156.4
121	60.8	46.0	69.0

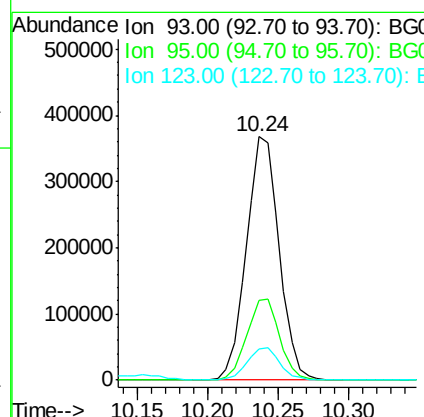
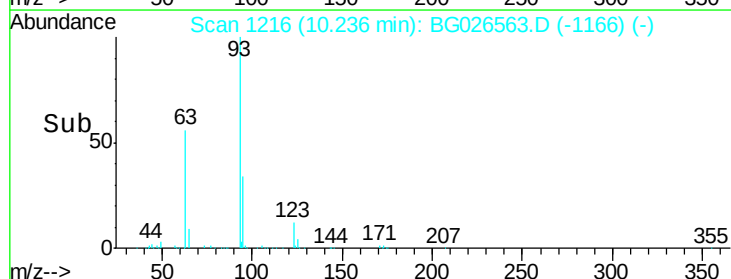
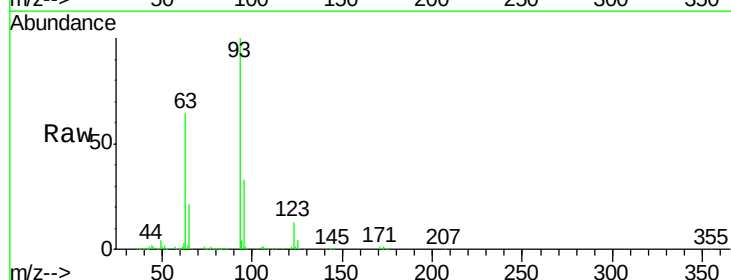
Manual Integrations
APPROVED

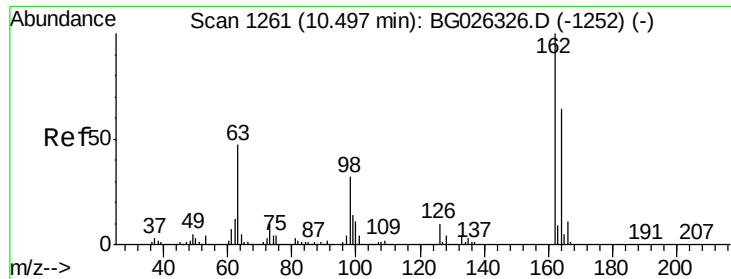
mohammad
4/6/2017 3:42:23 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.88 ng
RT: 10.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.7	38.5
123	12.8	8.3	12.5#





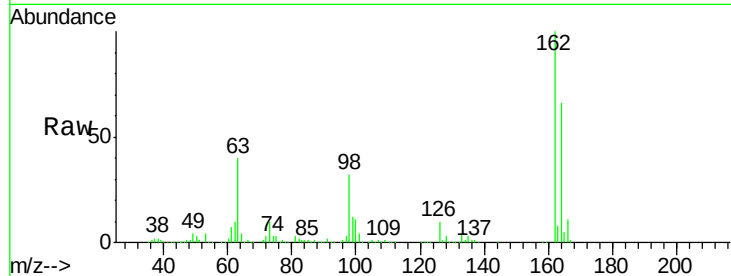
#29
2,4-Dichlorophenol
Concen: 54.69 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

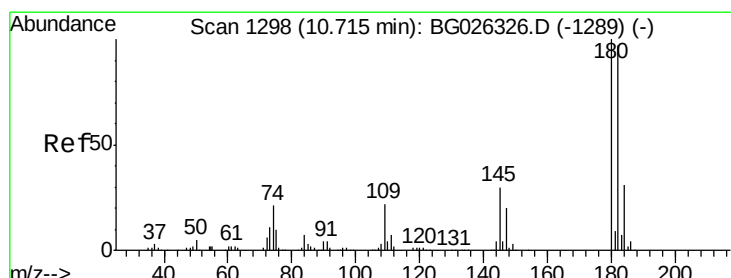
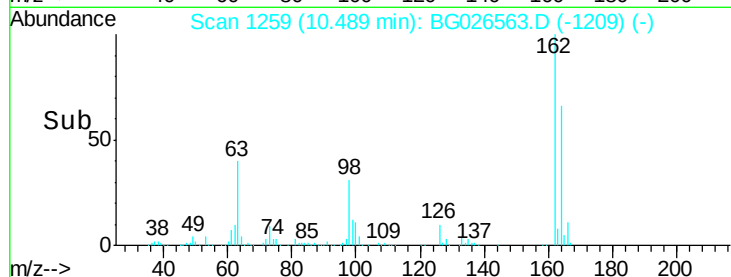
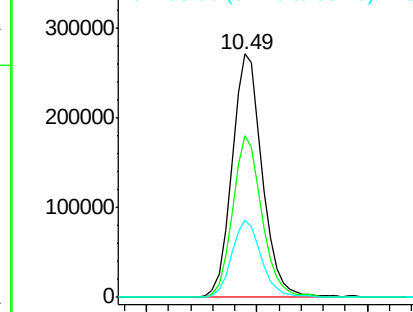
Tot Ion	Ratio	Resp	Lower	Upper
162	100	518914		
164	66.5	42.4	82.4	
98	31.5	20.3	60.3	

Manual Integrations
APPROVED

mohammad
4/6/2017 3:42:23 PM

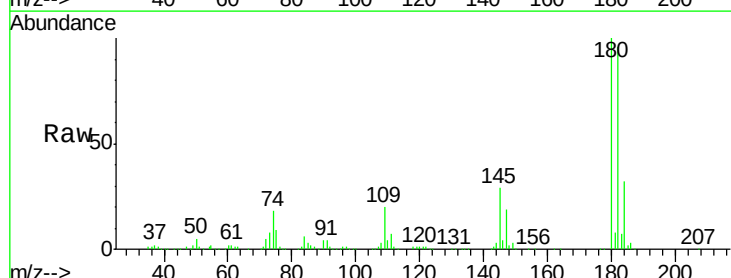


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

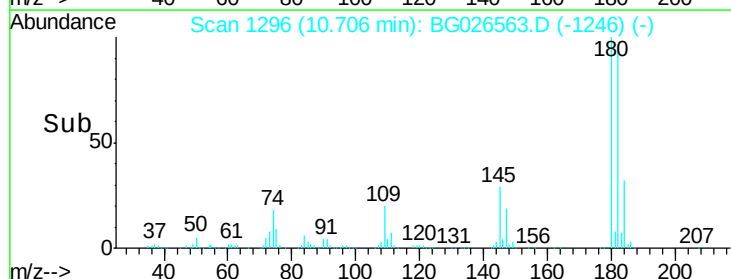
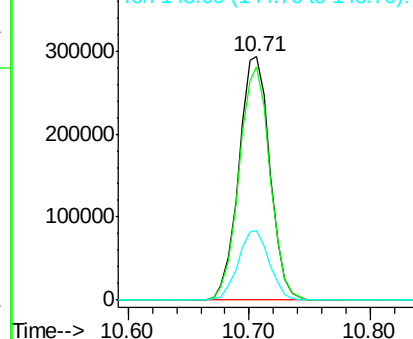


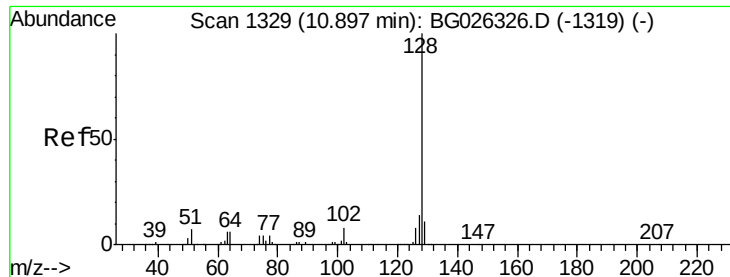
#30
1,2,4-Trichlorobenzene
Concen: 49.37 ng
RT: 10.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	526166		
182	96.1	77.0	115.4	
145	28.6	23.4	35.0	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





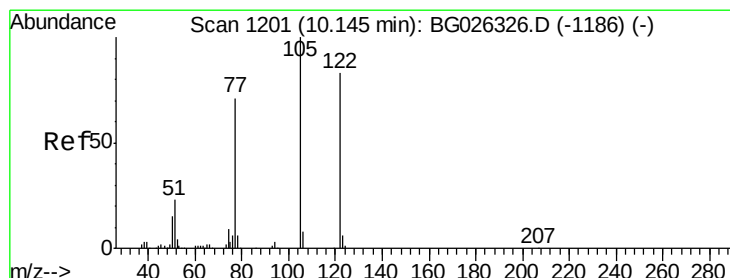
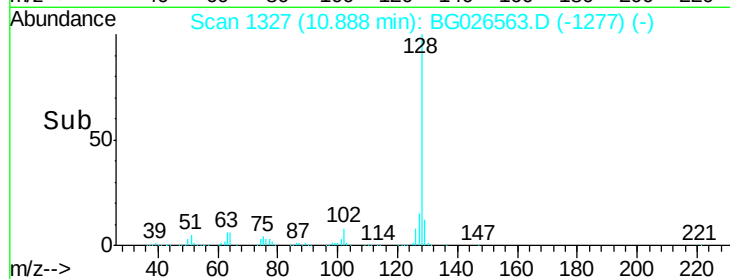
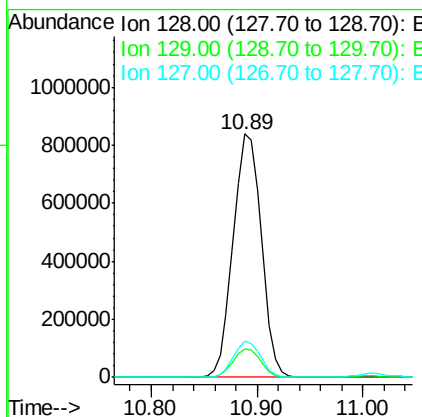
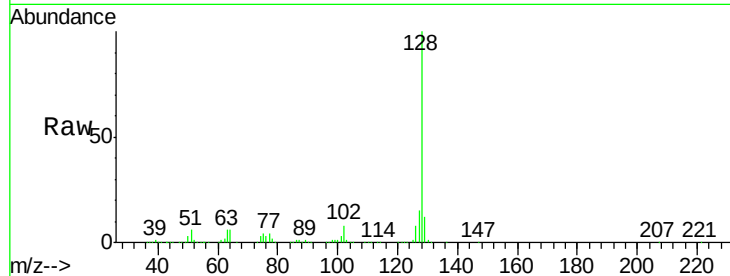
#31
Naphthalene
Concen: 45.70 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	14.7	11.4	17.0

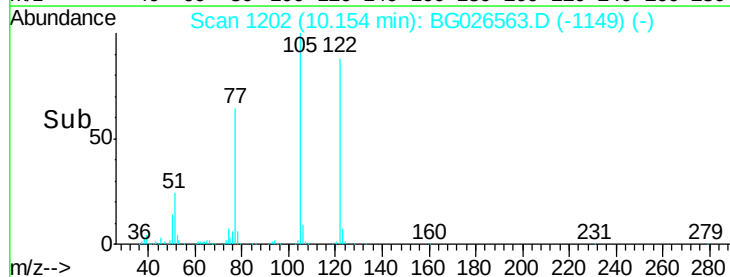
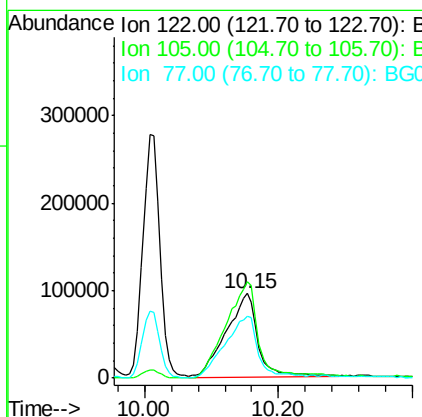
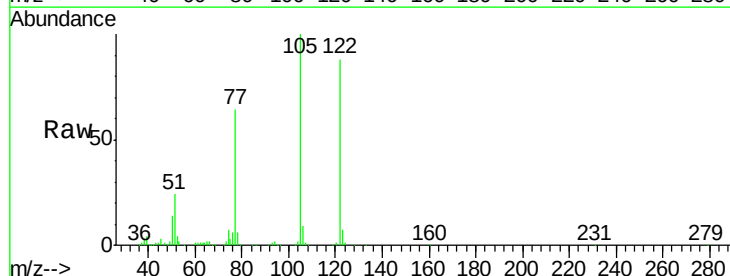
Manual Integrations
APPROVED

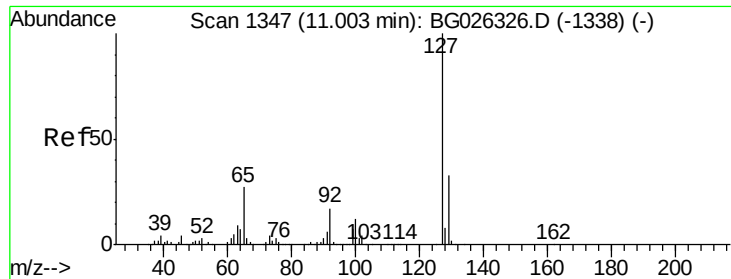
mohammad
4/6/2017 3:42:23 PM



#32
Benzoic acid
Concen: 44.13 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.5	120.1	160.1#
77	73.0	104.6	144.6#





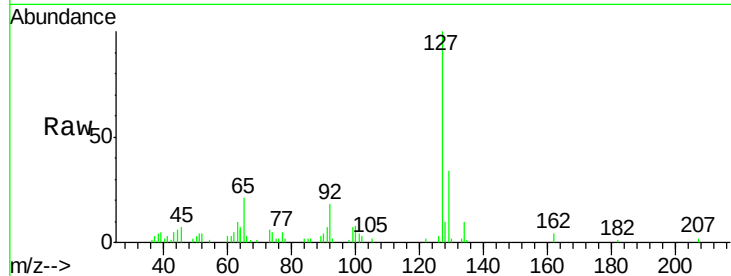
#33
4-Chloroaniline
Concen: 2.37 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

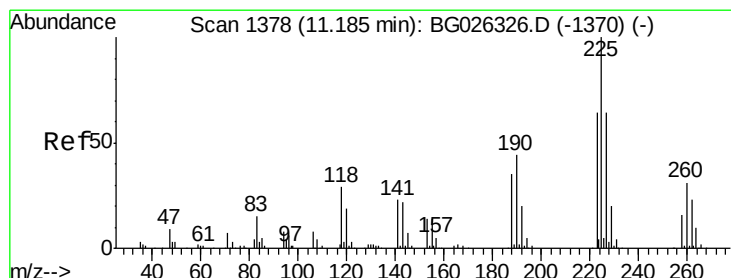
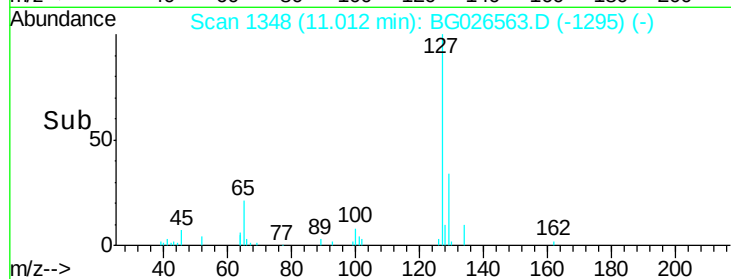
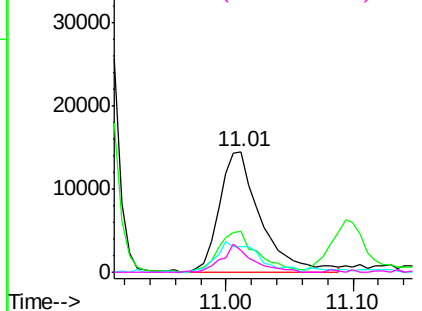
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.3	23.6	35.4
65	21.4	37.7	56.5
92	18.0	17.6	26.4

Manual Integrations
APPROVED

mohammad
4/6/2017 3:42:23 PM



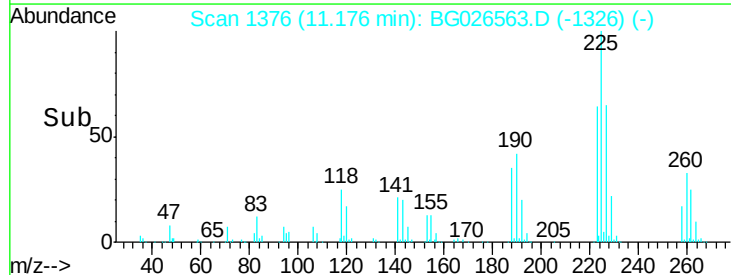
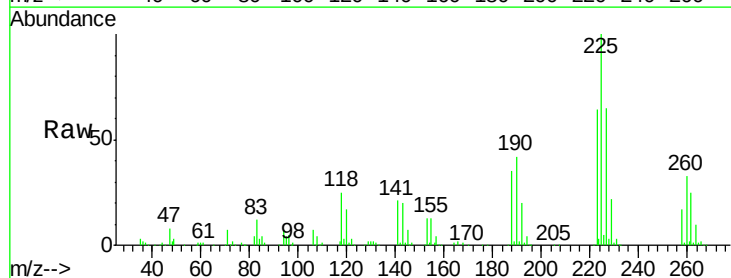
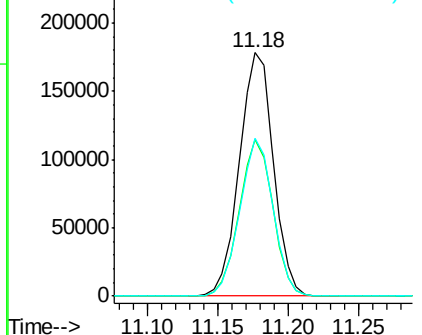
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

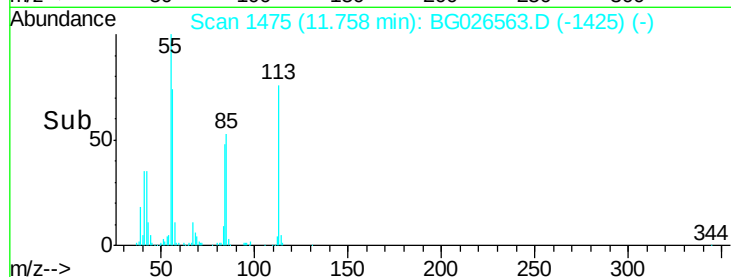
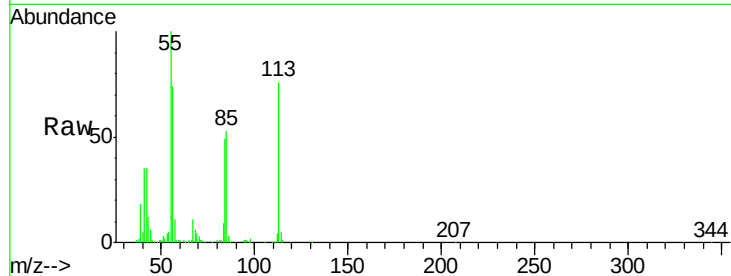
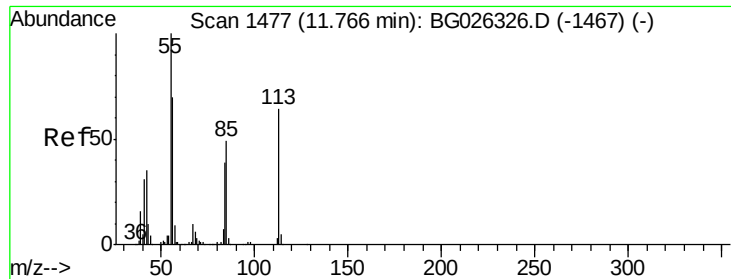


#34
Hexachlorobutadiene
Concen: 47.77 ng
RT: 11.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.7	76.1
227	65.0	49.0	73.6

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





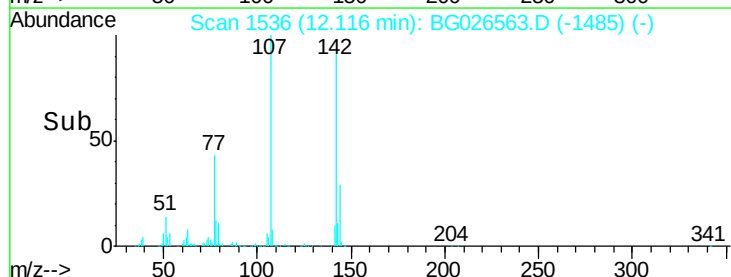
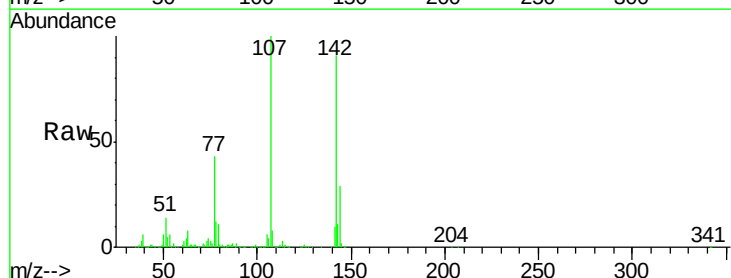
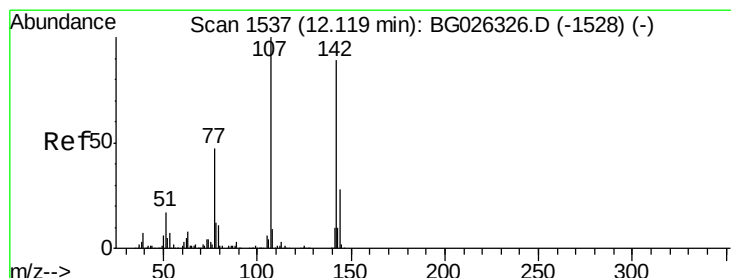
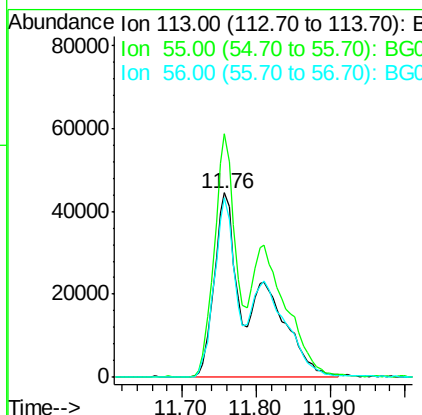
#35
Caprolactam
Concen: 44.12 ng/ml
RT: 11.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tot Ion	Ratio	Lower	Upper
113	100		
55	132.0	198.6	238.6#
56	97.4	140.4	180.4#

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

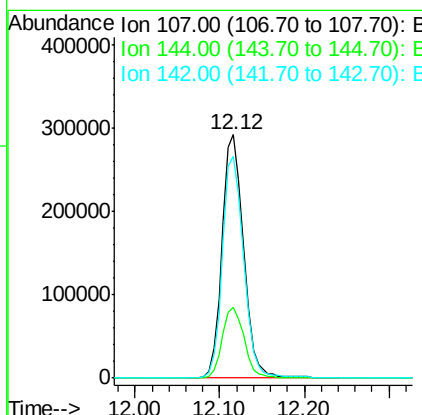
Manual Integrations
APPROVED

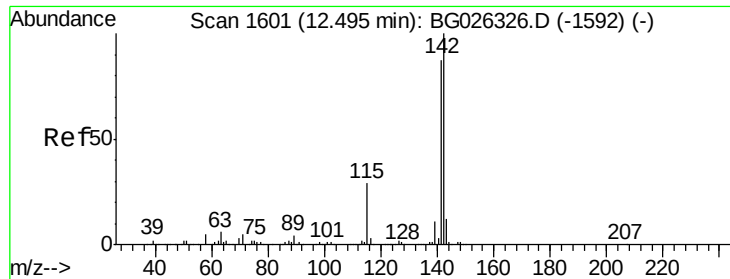
mohammad
4/6/2017 3:42:23 PM



#36
4-Chloro-3-methylphenol
Concen: 50.80 ng
RT: 12.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.3	17.4	26.0#
142	91.2	54.1	81.1#





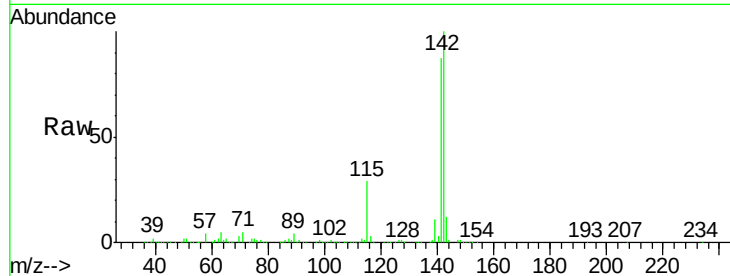
#37
2-Methylnaphthalene
Concen: 47.90 ng
RT: 12.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

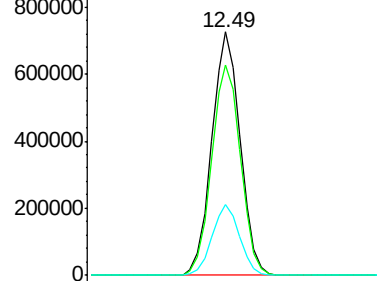
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.4	105.6
115	29.2	35.5	53.3

Manual Integrations
APPROVED

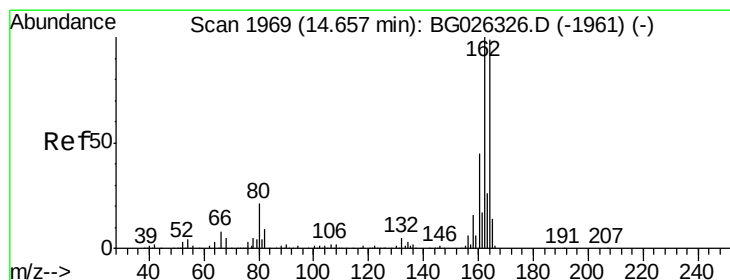
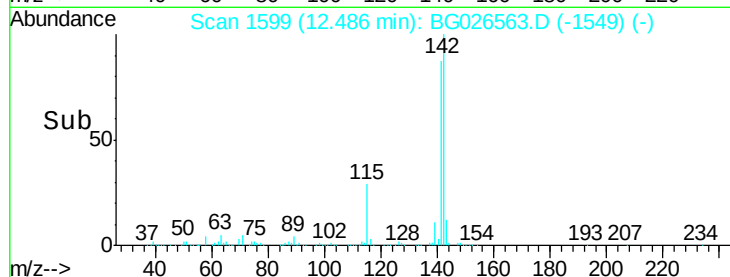
mohammad
4/6/2017 3:42:23 PM



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



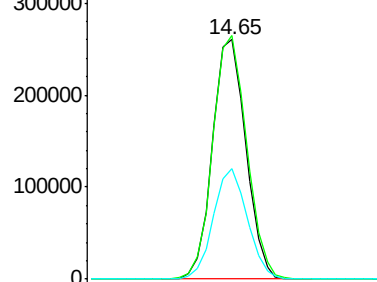
Time-->



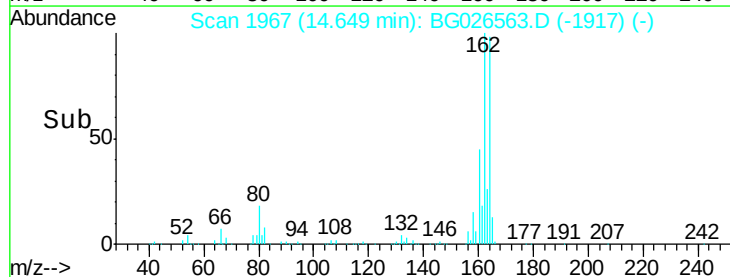
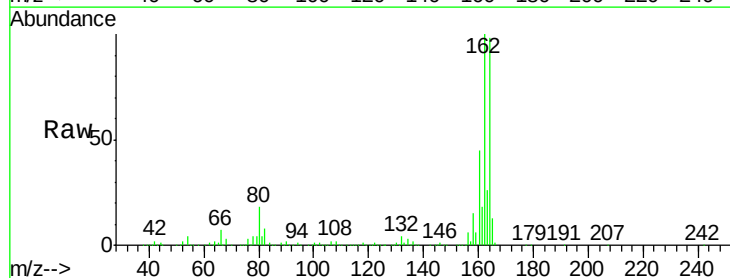
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

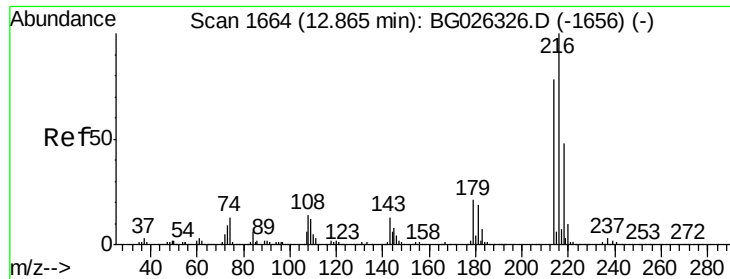
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	85.1	127.7
160	46.1	34.7	52.1

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





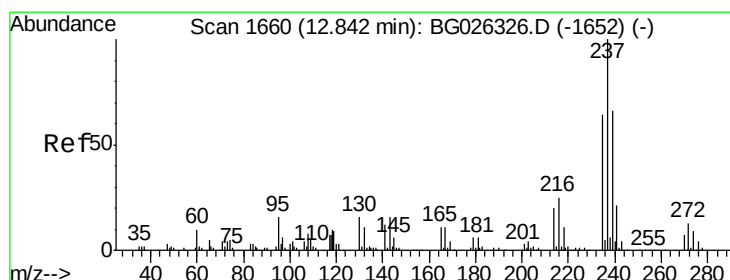
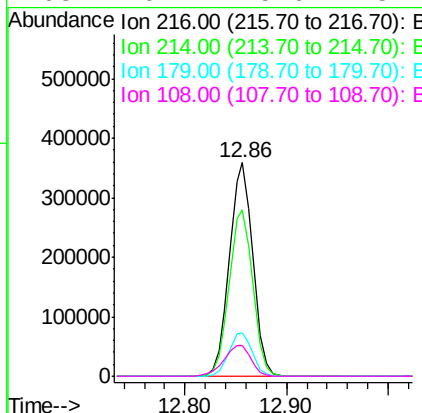
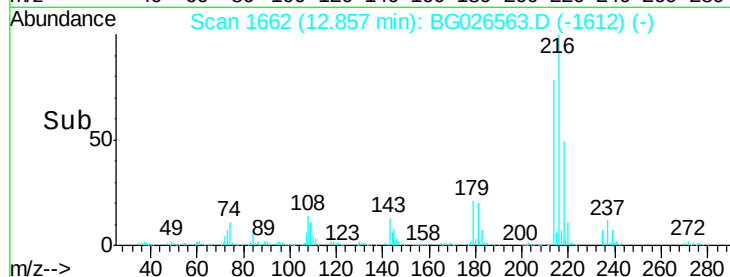
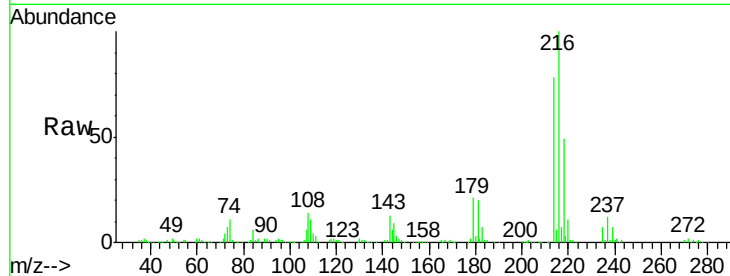
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.11 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.4	96.6
179	20.3	17.4	26.0
108	16.7	15.6	23.4

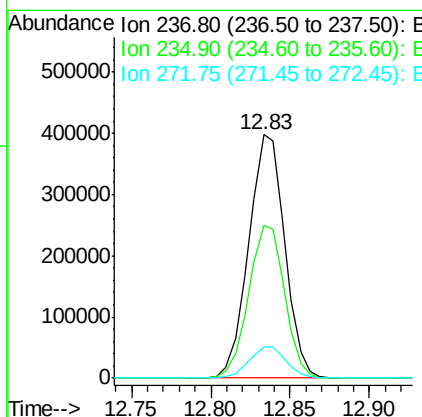
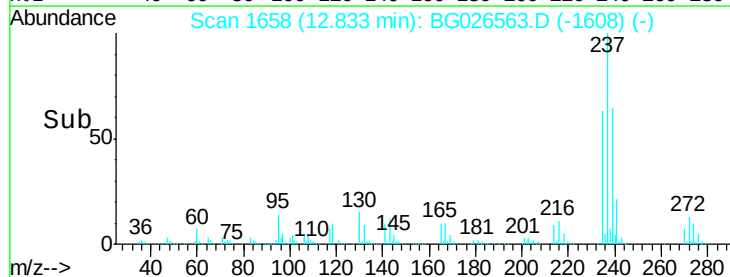
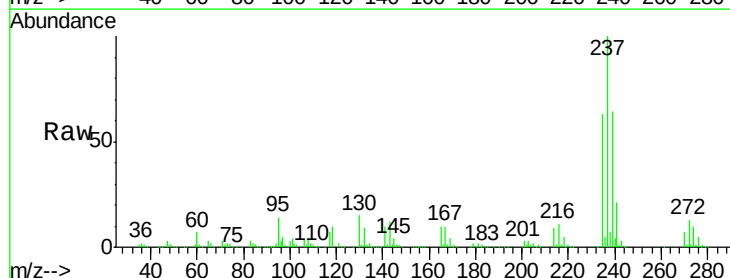
Manual Integrations
 APPROVED

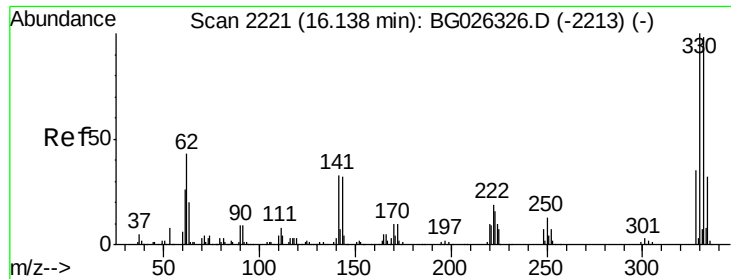
mohammad
 4/6/2017 3:42:23 PM



#40
 Hexachlorocyclopentadiene
 Concen: 97.91 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.5	39.4	79.4
272	13.0	0.0	32.0





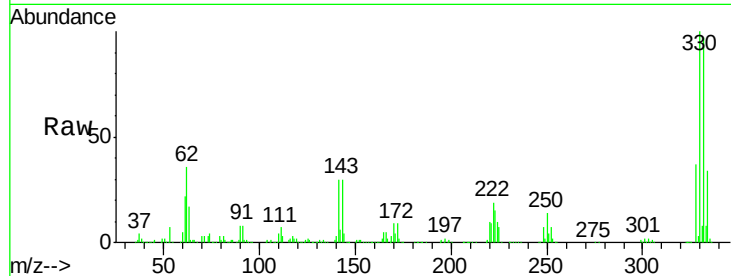
#41
 2,4,6-Tribromophenol
 Concen: 181.01 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MSD

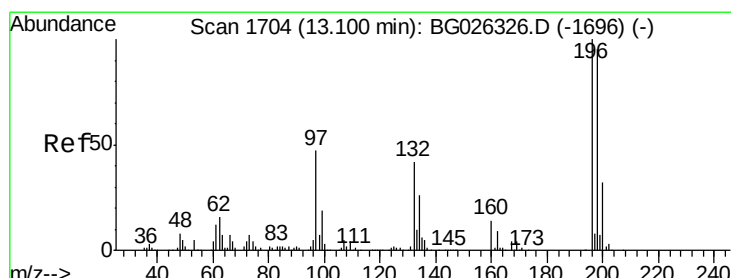
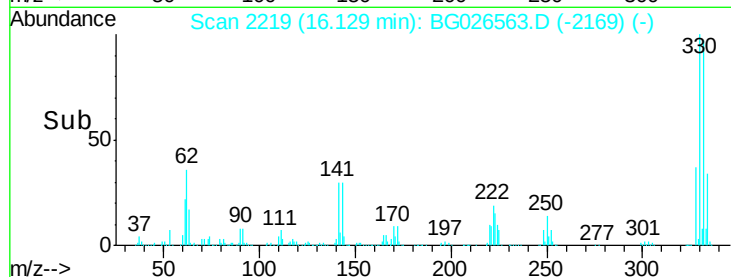
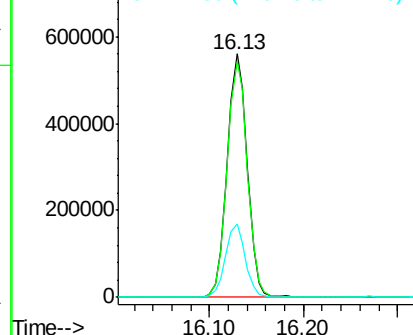
Tot Ion	Ratio	Resp	Lower	Upper
330	100	837681		
332	98.0	77.3	115.9	
141	29.7	32.1	48.1#	

Manual Integrations
 APPROVED

mohammad
 4/6/2017 3:42:23 PM

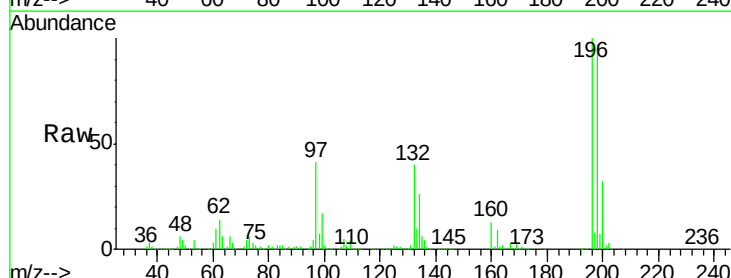


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

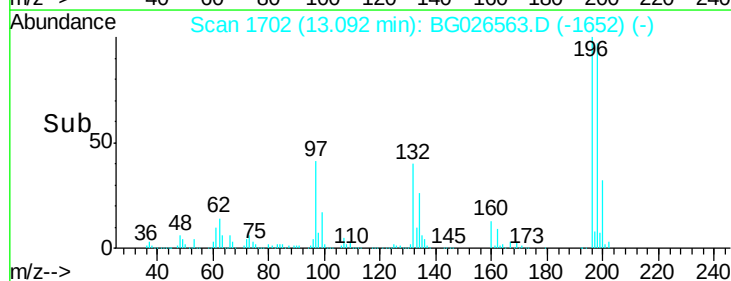
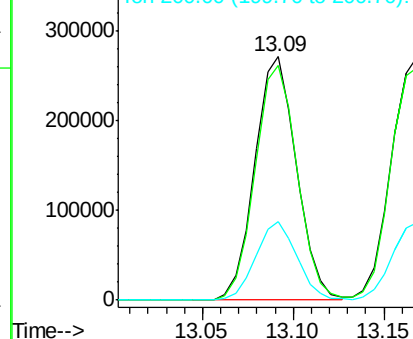


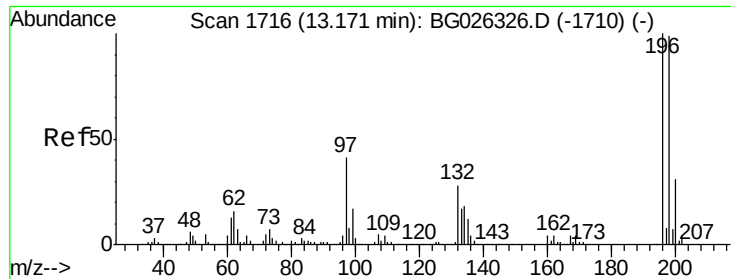
#42
 2,4,6-Trichlorophenol
 Concen: 54.46 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	433526		
198	96.6	81.4	122.2	
200	32.1	27.0	40.6	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





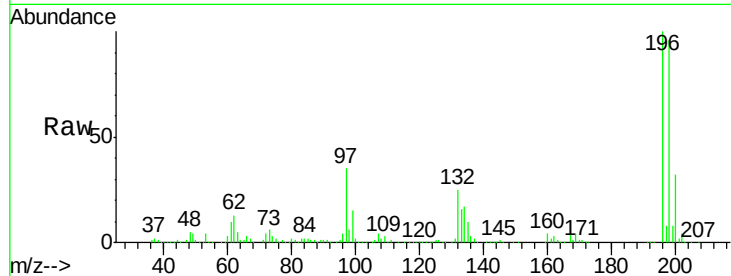
#43
 2,4,5-Trichlorophenol
 Concen: 52.04 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	457946		
198	95.9	79.9	119.9	
97	35.2	45.4	68.0	
132	25.0	20.7	31.1	

Manual Integrations
 APPROVED

mohammad
 4/6/2017 3:42:23 PM



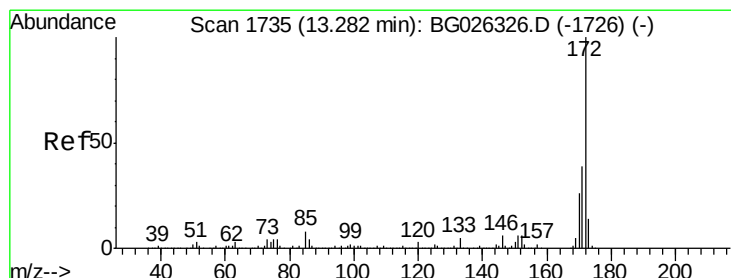
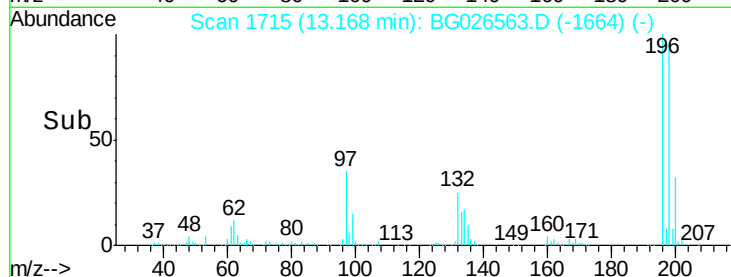
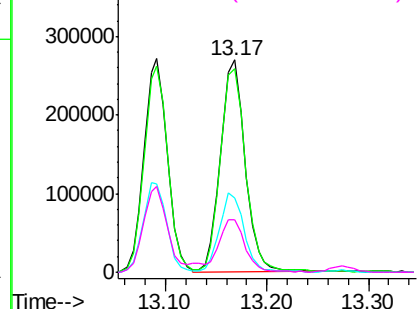
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

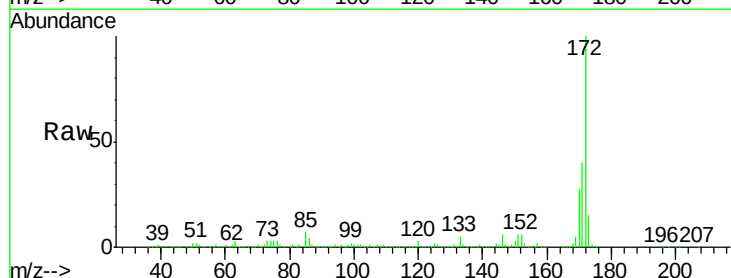
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.69 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2526849		
171	40.3	32.2	48.2	
170	27.2	21.8	32.6	

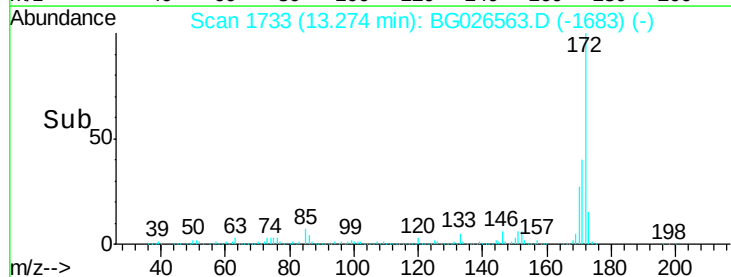
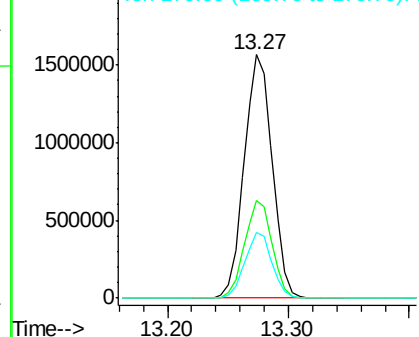


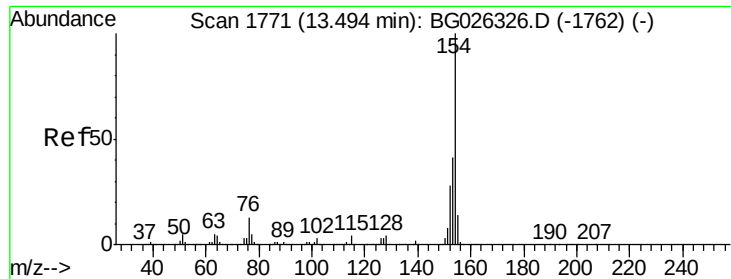
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





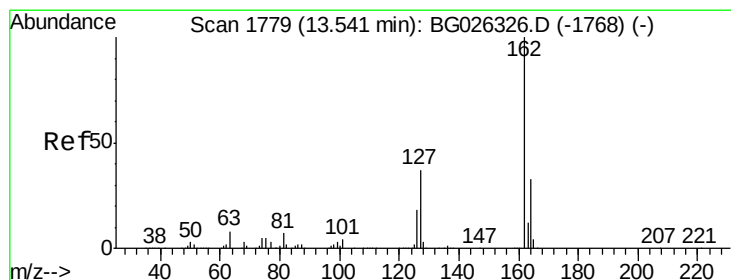
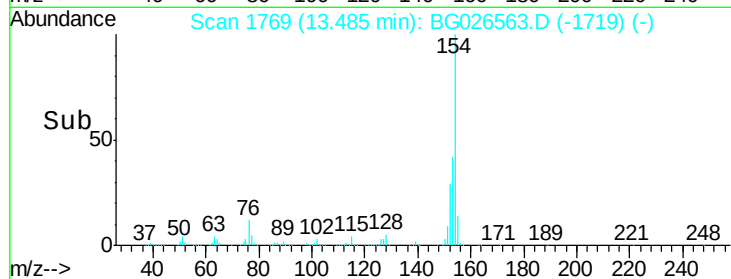
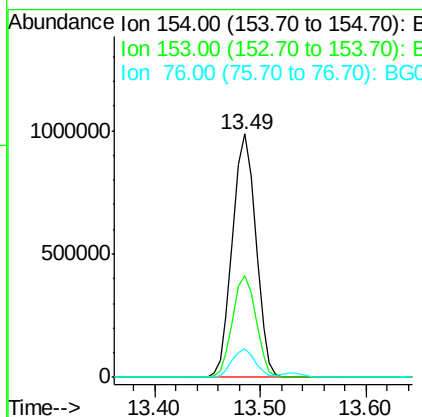
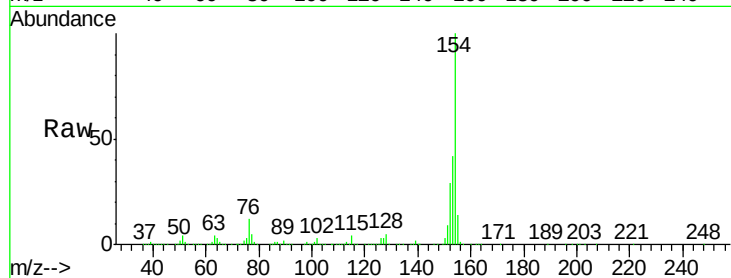
#45
 1,1'-Biphenyl
 Concen: 45.32 ng
 RT: 13.49 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	23.0	63.0
76	11.6	0.0	33.5

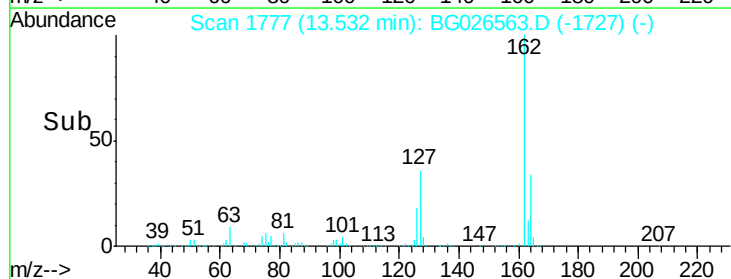
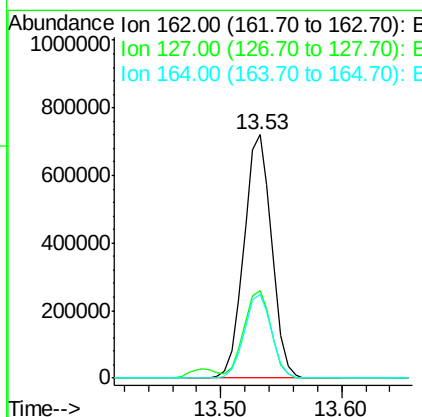
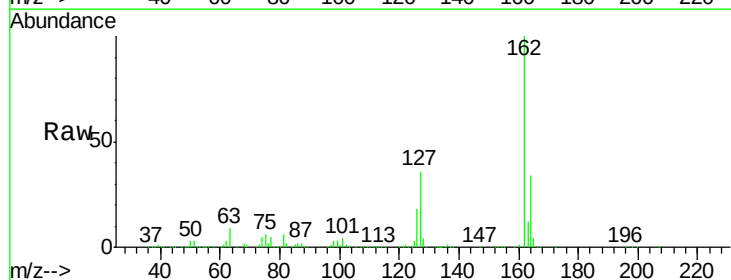
Manual Integrations
 APPROVED

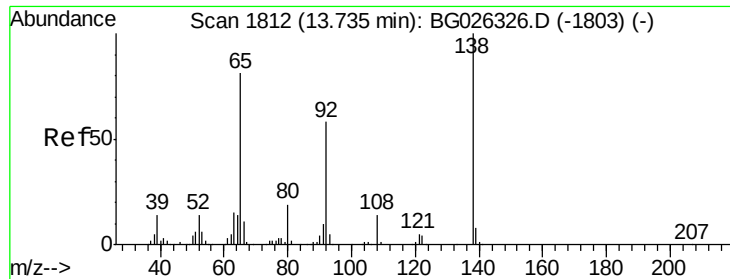
mohammad
 4/6/2017 3:42:23 PM



#46
 2-Chloronaphthalene
 Concen: 47.07 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.0	32.2	48.4
164	34.2	27.3	40.9





#47

2-Nitroaniline

Concen: 43.75 ng

RT: 13.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

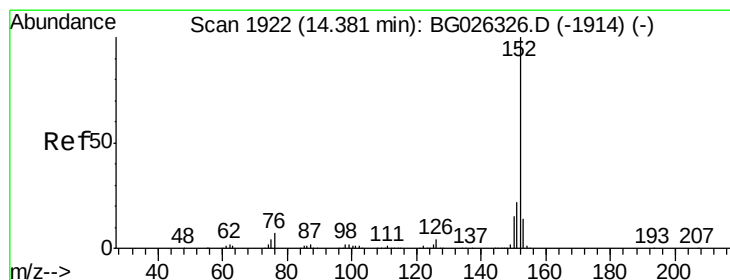
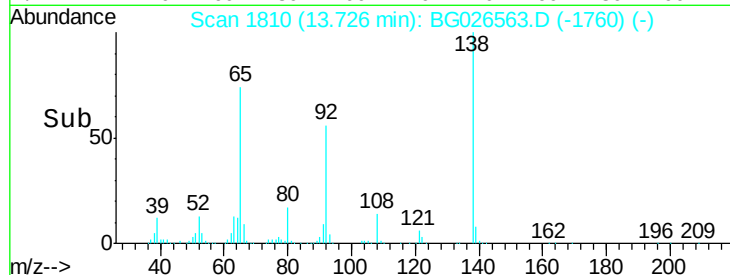
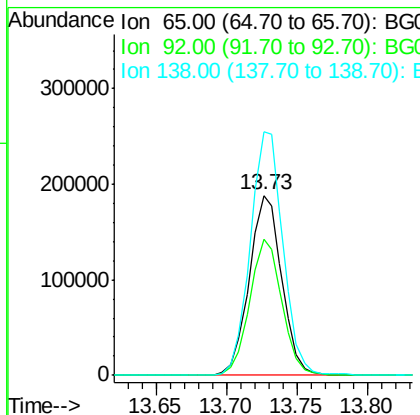
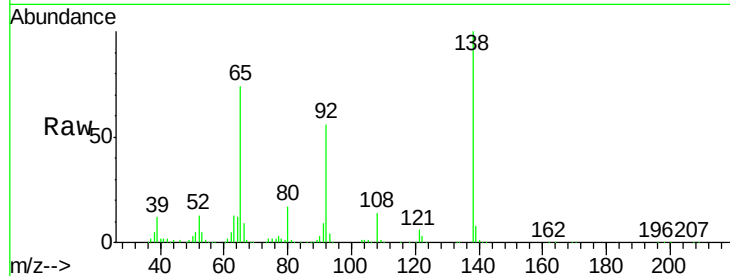
ClientSampleId :

B1-(0-5)MSD

Tot Ion	65	92	138
Ratio	100	76.0	135.5
Lower		49.0	58.6
Upper		73.4#	87.8#

Manual Integrations
APPROVED

mohammad
4/6/2017 3:42:23 PM



#48

Acenaphthylene

Concen: 45.00 ng

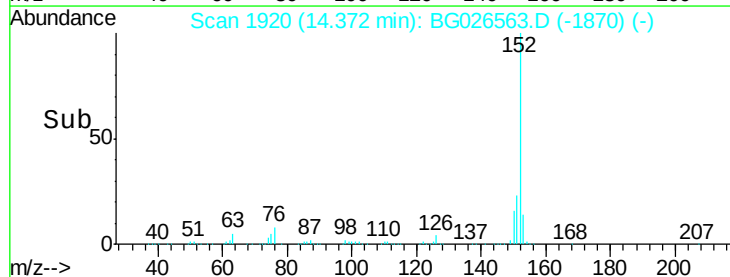
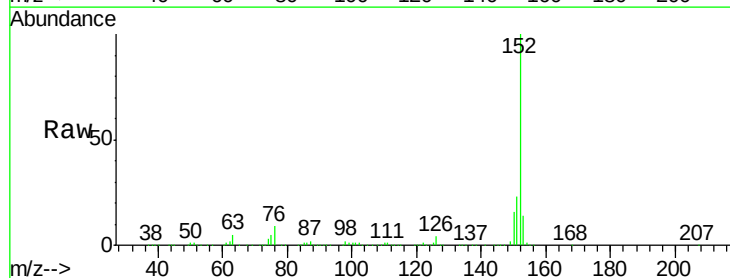
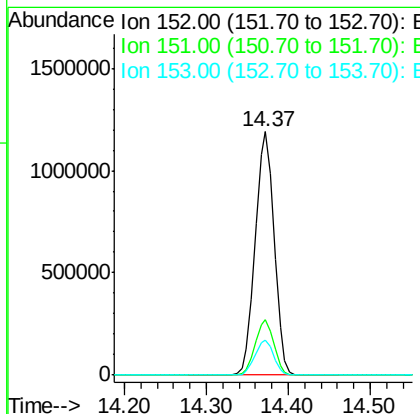
RT: 14.37 min Scan# 1920

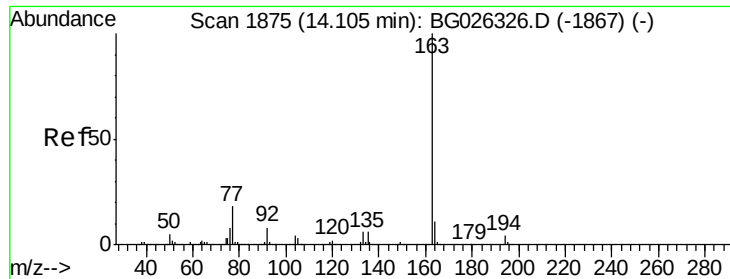
Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Tgt Ion	152	151	153
Ratio	100	22.6	14.4
Lower		18.2	11.3
Upper		27.2	16.9





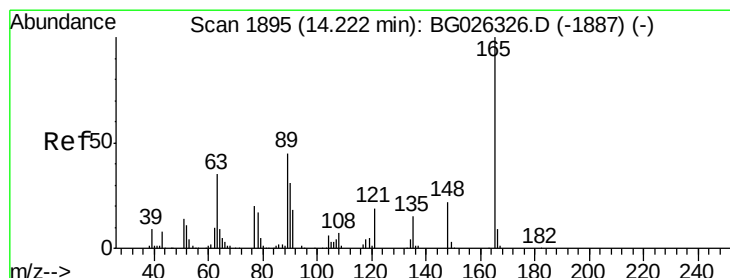
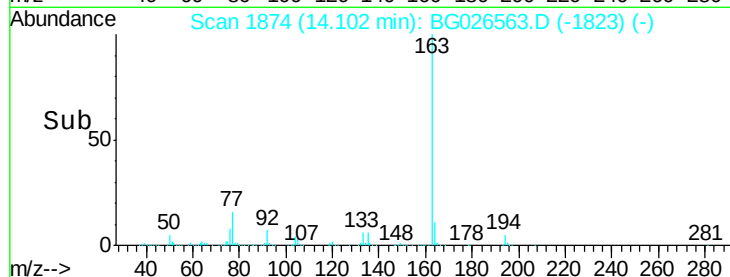
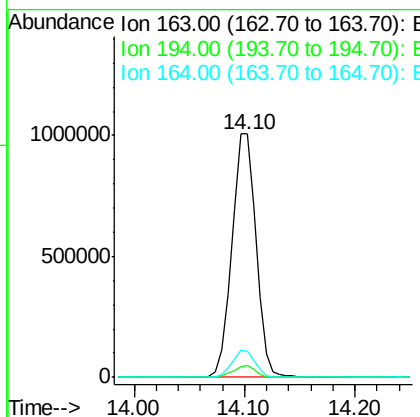
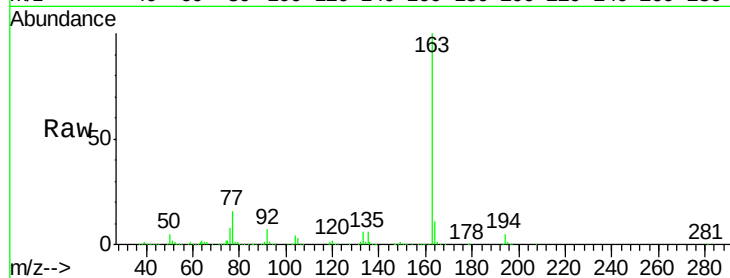
#49
Dimethylphthalate
Concen: 50.75 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.6
164	10.5	9.3	13.9

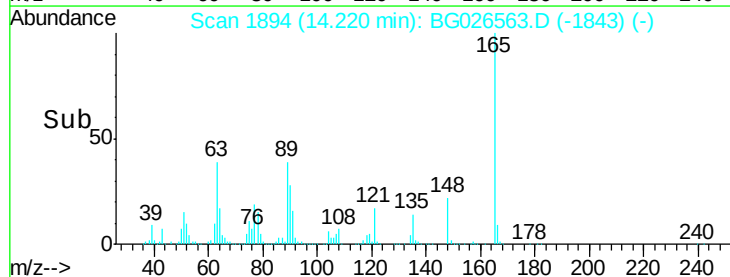
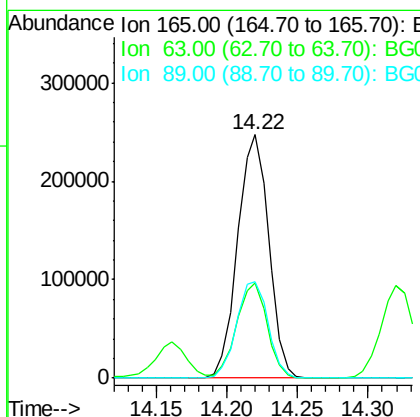
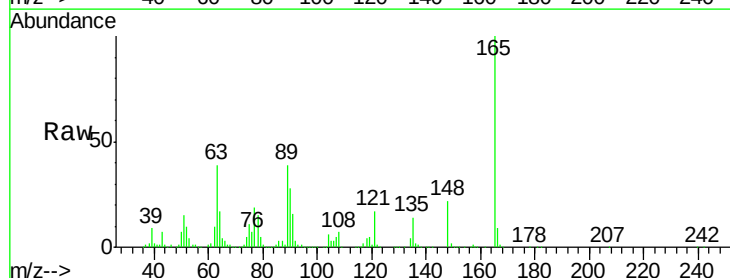
Manual Integrations
APPROVED

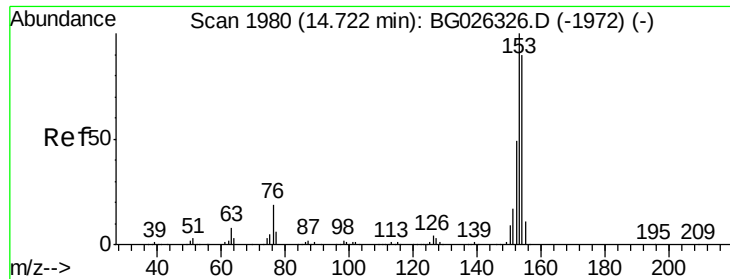
mohammad
4/6/2017 3:42:23 PM



#50
2,6-Dinitrotoluene
Concen: 53.46 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.1	63.9	95.9#
89	39.5	58.6	88.0#





#51

Acenaphthene

Concen: 46.81 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

B1-(0-5)MSD

Tot Ion:154 Resp: 1228205

Ion Ratio Lower Upper

154 100

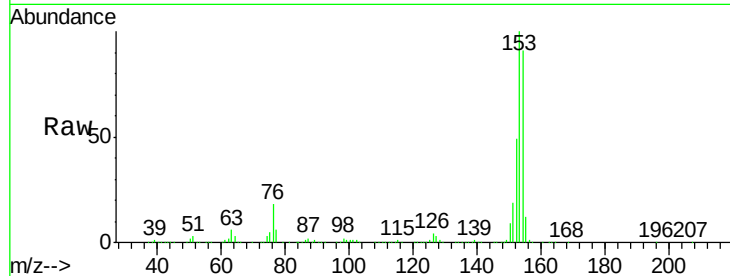
153 109.4 87.8 131.6

152 53.3 42.2 63.4

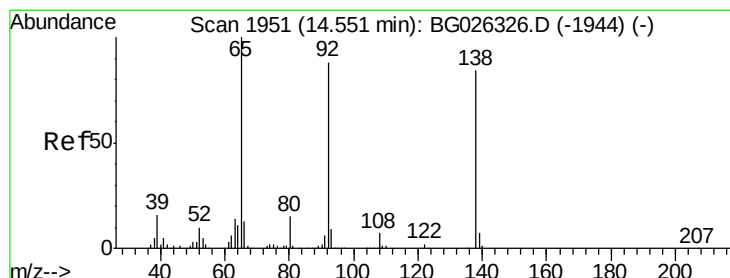
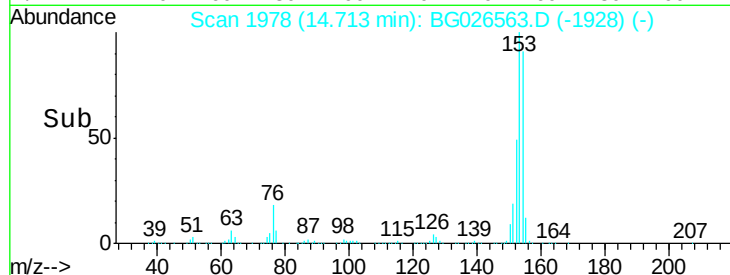
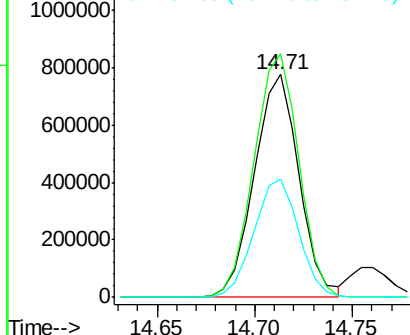
Manual Integrations
APPROVED

mohammad

4/6/2017 3:42:23 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 5.16 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

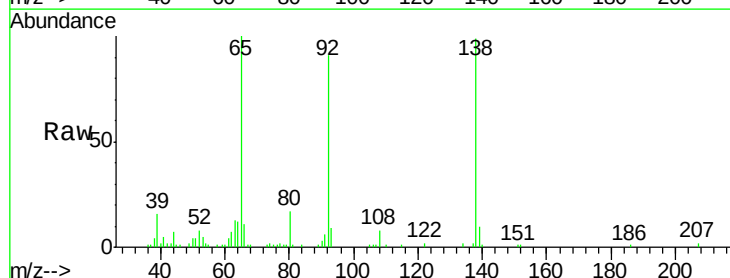
Tgt Ion:138 Resp: 40469

Ion Ratio Lower Upper

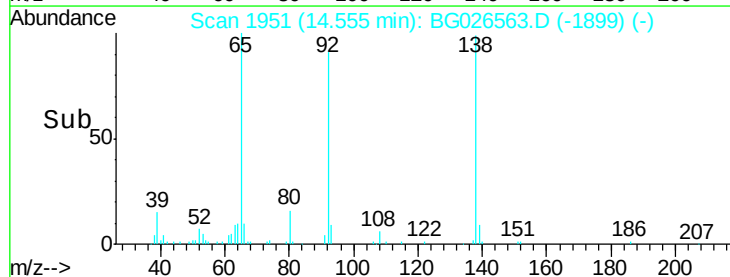
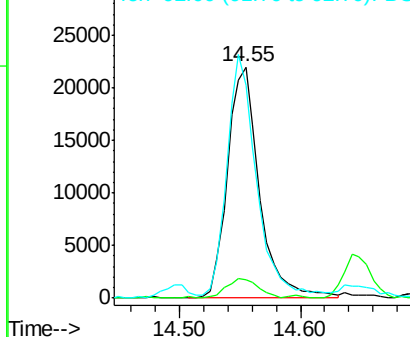
138 100

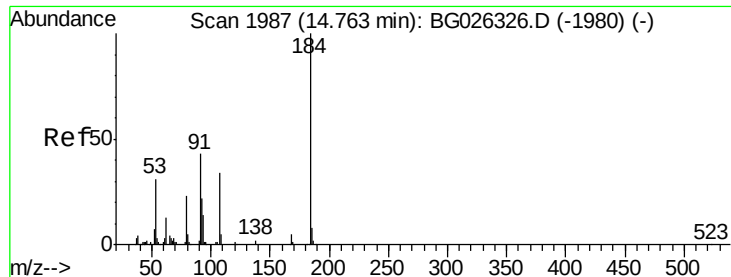
108 8.1 10.9 16.3#

92 92.0 115.3 172.9#



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): BG





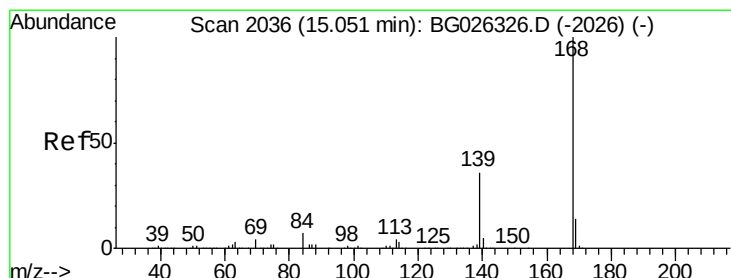
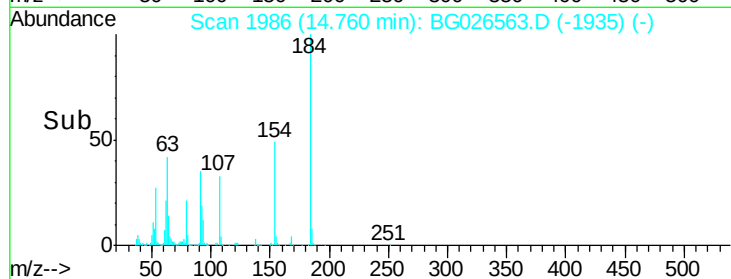
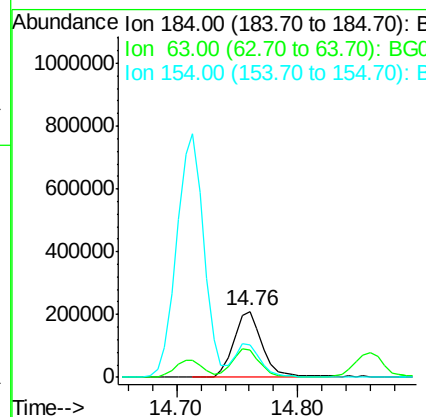
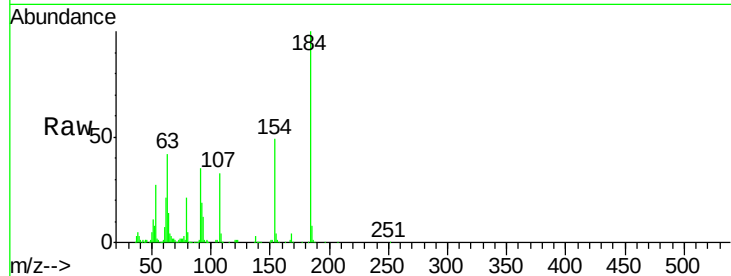
#53
2,4-Dinitrophenol
Concen: 83.92 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	41.9	52.7	79.1#
154	48.6	57.3	85.9#

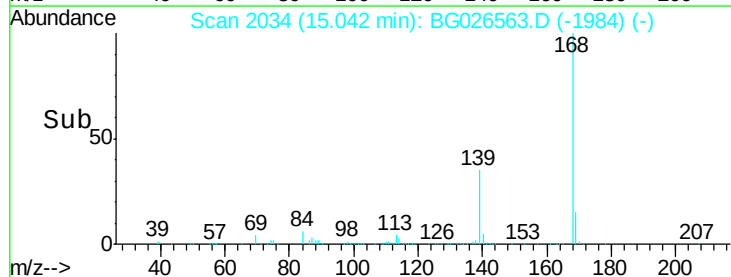
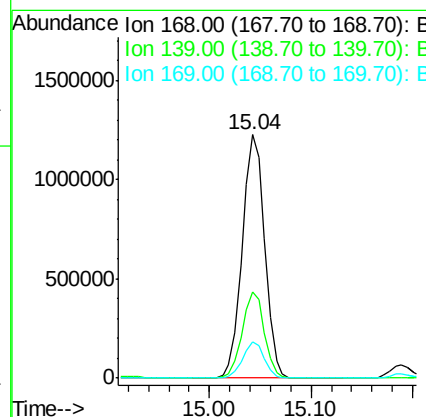
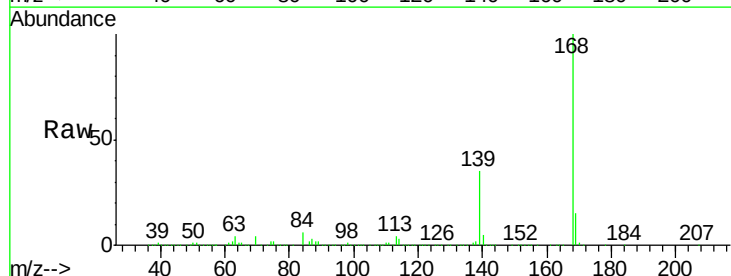
Manual Integrations
APPROVED

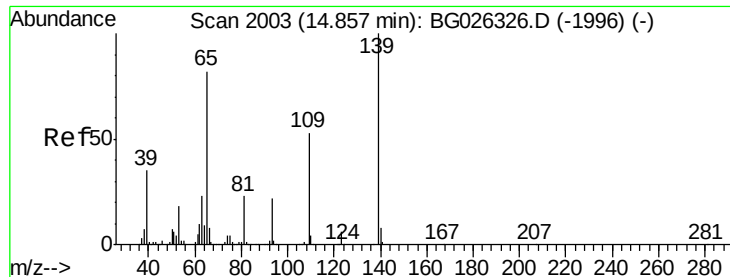
mohammad
4/6/2017 3:42:23 PM



#54
Dibenzofuran
Concen: 50.80 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.2	35.3	52.9#
169	15.1	11.5	17.3





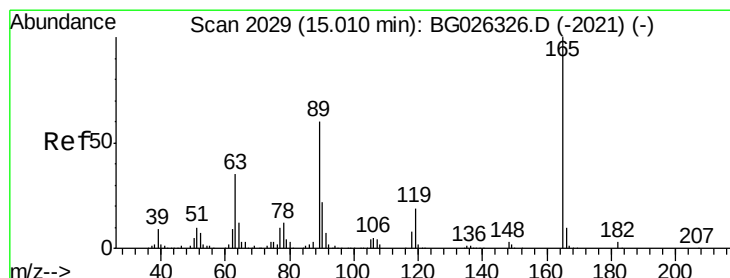
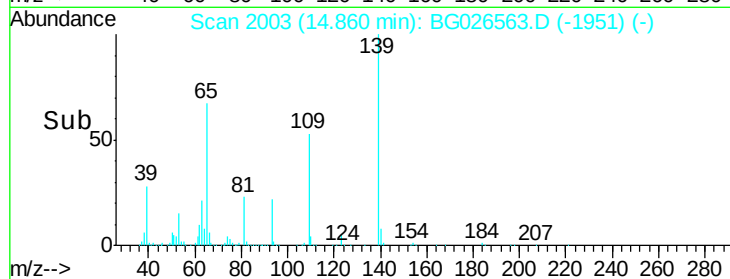
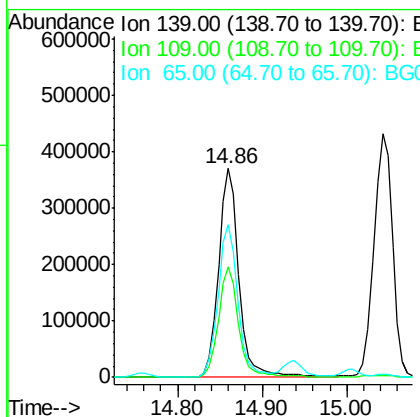
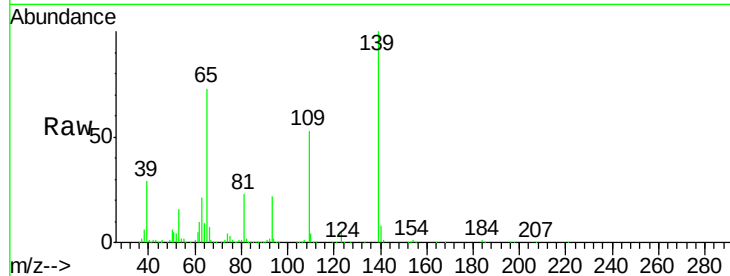
#55
4-Nitrophenol
Concen: 97.49 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	53.0	101.2	141.2#
65	73.1	135.3	175.3#

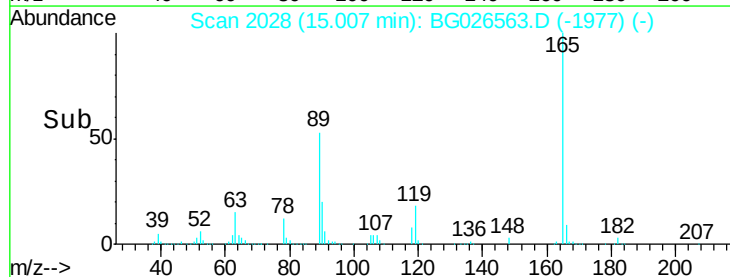
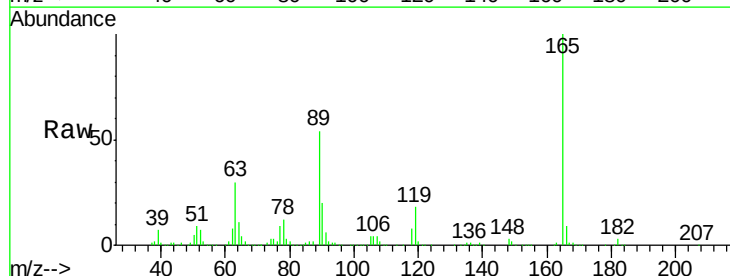
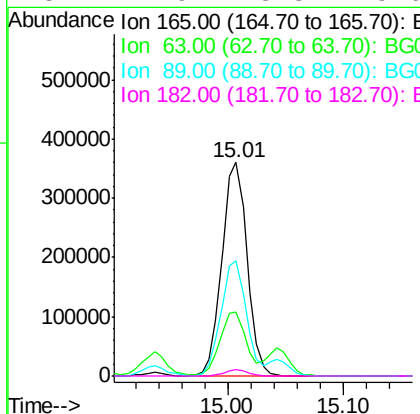
Manual Integrations
APPROVED

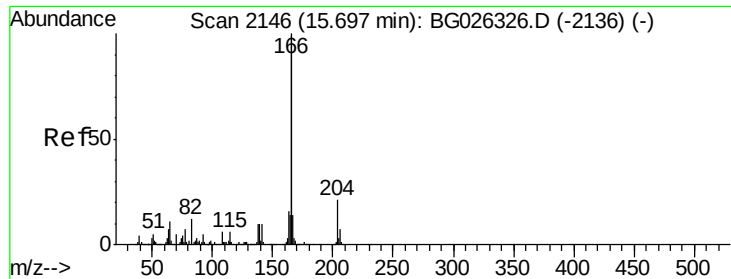
mohammad
4/6/2017 3:42:23 PM



#56
2,4-Dinitrotoluene
Concen: 54.46 ng
RT: 15.01 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	29.9	44.0	66.0#
89	54.0	67.3	100.9#
182	2.9	3.8	5.6#





#57

Fluorene

Concen: 47.90 ng

RT: 15.69 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

B1-(0-5)MSD

Tot Ion:166 Resp: 1574709

Ion Ratio Lower Upper

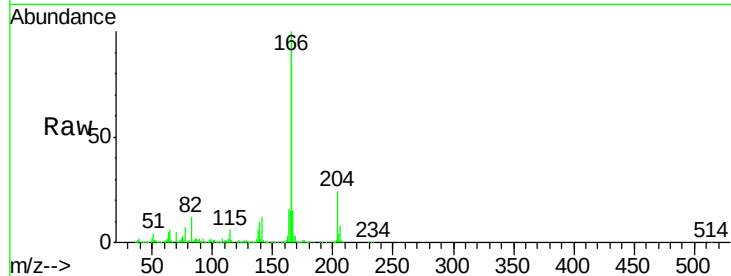
166 100

165 99.1 78.6 117.8

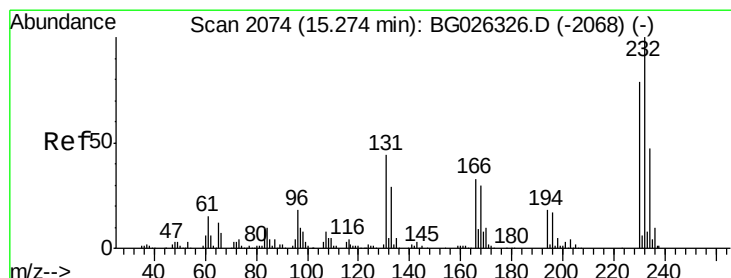
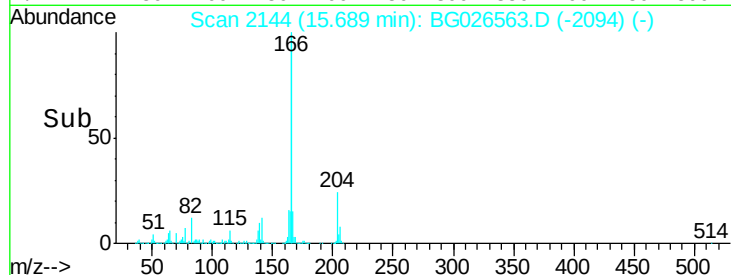
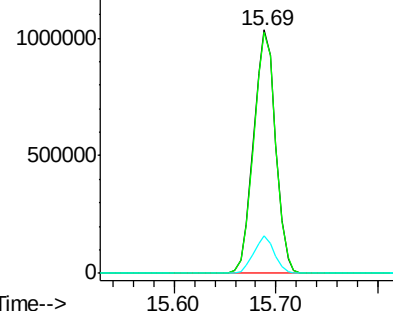
167 15.3 11.6 17.4

Manual Integrations
APPROVED

mohammad
4/6/2017 3:42:23 PM



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.39 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Tgt Ion:232 Resp: 471166

Ion Ratio Lower Upper

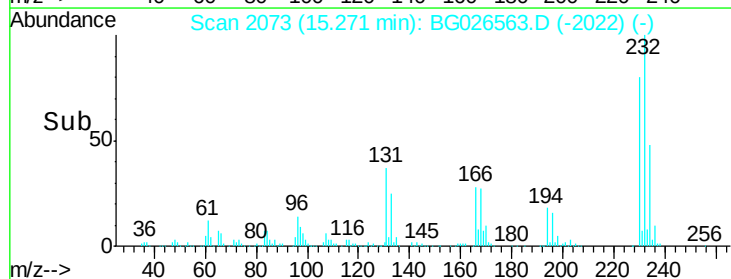
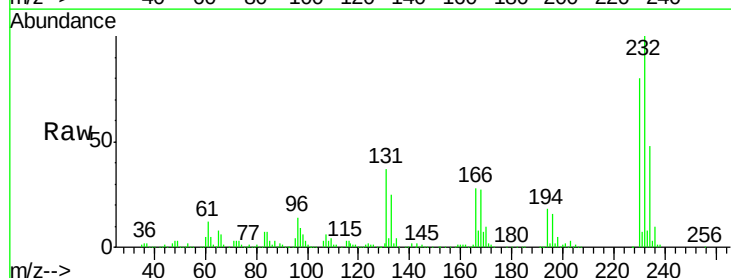
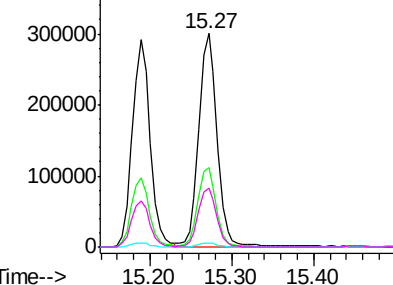
232 100

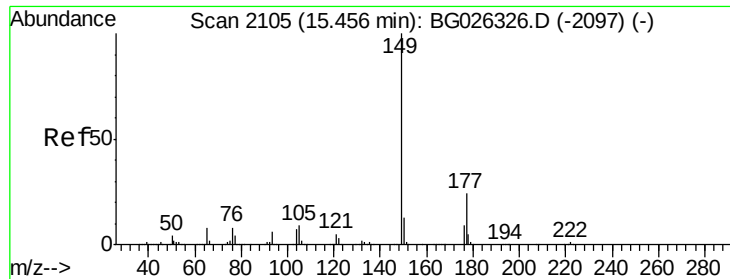
131 37.4 34.9 52.3

130 2.0 2.3 3.5#

166 27.6 24.2 36.4

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





#59

Diethylphthalate

Concen: 49.85 ng

RT: 15.45 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

B1-(0-5)MSD

Tot Ion:149 Resp: 1554180

Ion Ratio Lower Upper

149 100

177 26.7 20.1 30.1

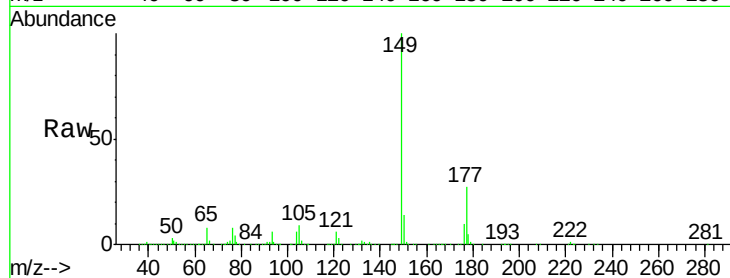
150 13.8 10.2 15.2

Manual Integrations

APPROVED

mohammad

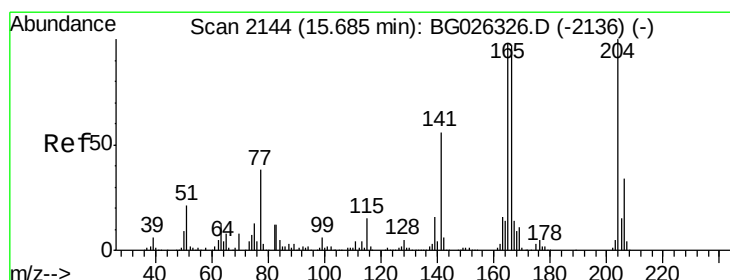
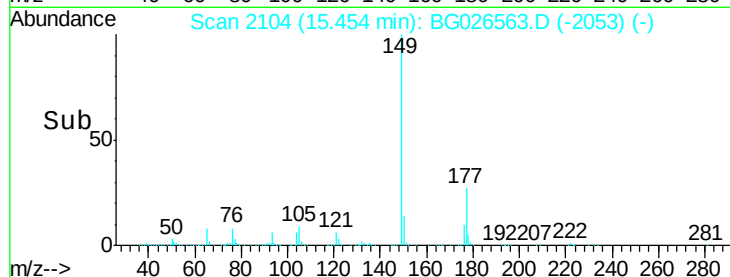
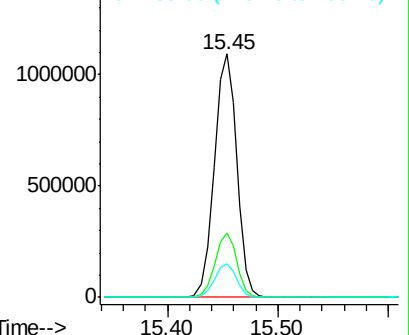
4/6/2017 3:42:23 PM



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



#60

4-Chlorophenyl-phenylether

Concen: 50.35 ng

RT: 15.68 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

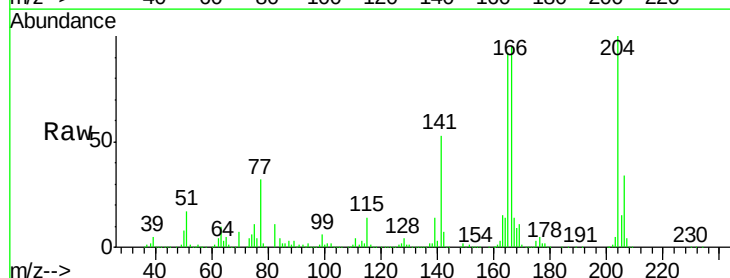
Tgt Ion:204 Resp: 784399

Ion Ratio Lower Upper

204 100

206 34.2 30.1 45.1

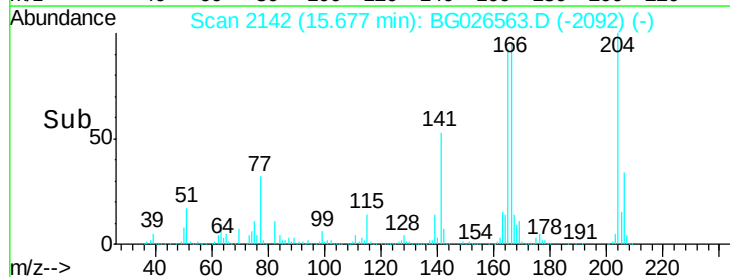
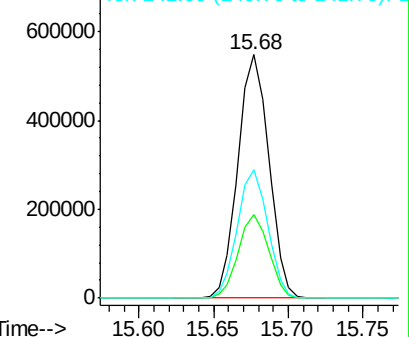
141 52.9 50.6 76.0

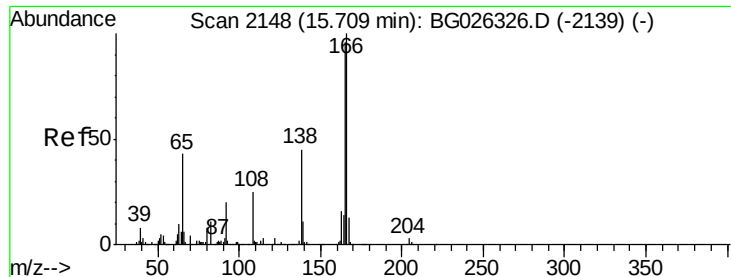


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.31 ng

RT: 15.71 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

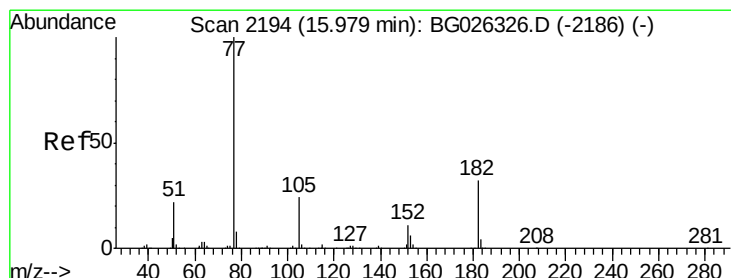
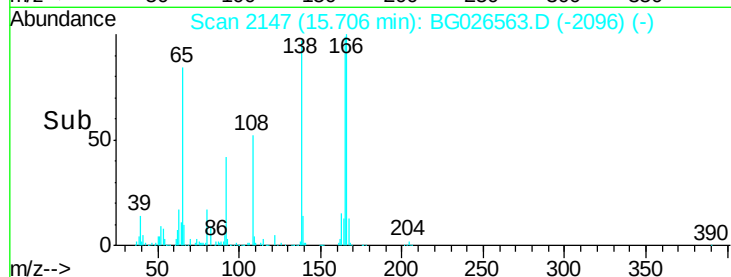
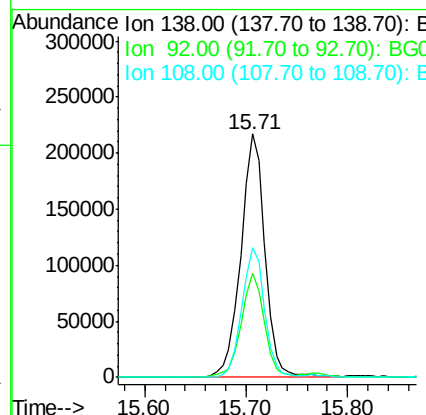
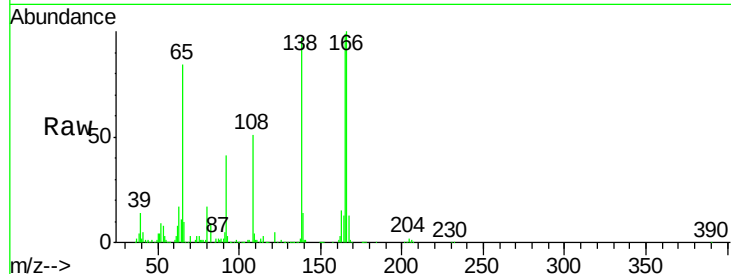
ClientSampleId :

B1-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	359114		
92	42.7	44.2	84.2#	
108	53.0	104.8	144.8#	

Manual Integrations
APPROVED

mohammad
4/6/2017 3:42:23 PM



#62

Azobenzene

Concen: 48.14 ng

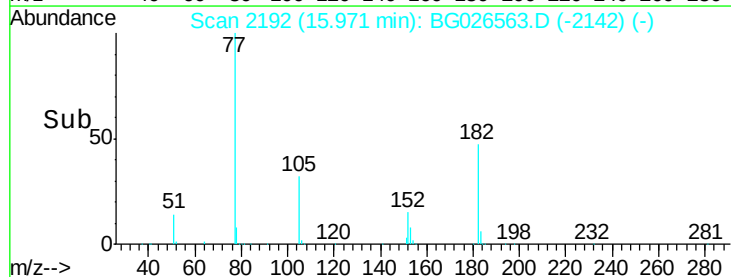
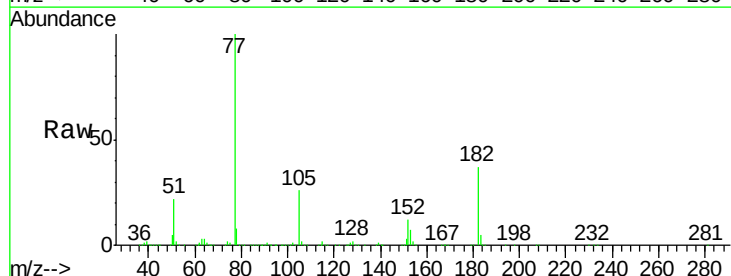
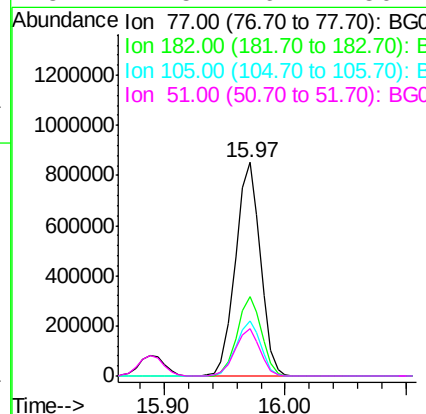
RT: 15.97 min Scan# 2192

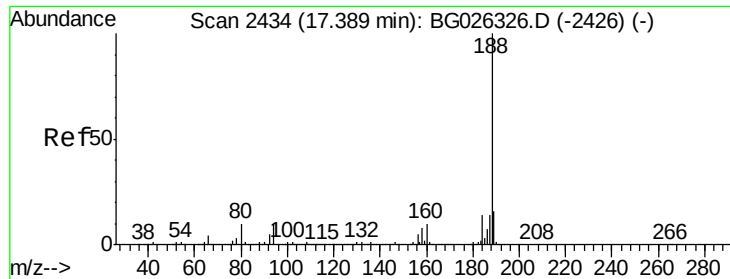
Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1220400		
182	37.3	4.7	44.7	
105	25.7	0.0	36.3	
51	22.5	16.4	56.4	





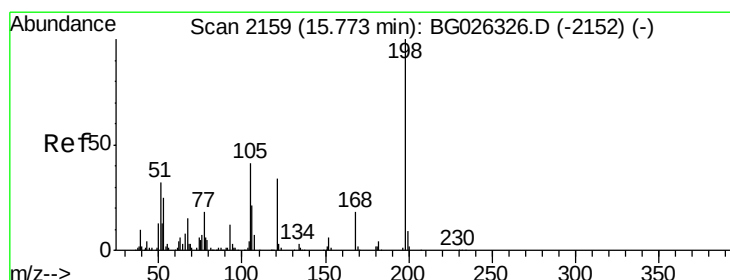
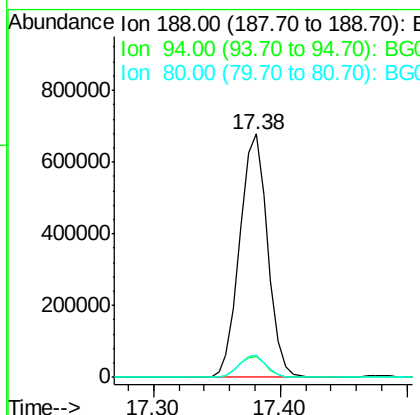
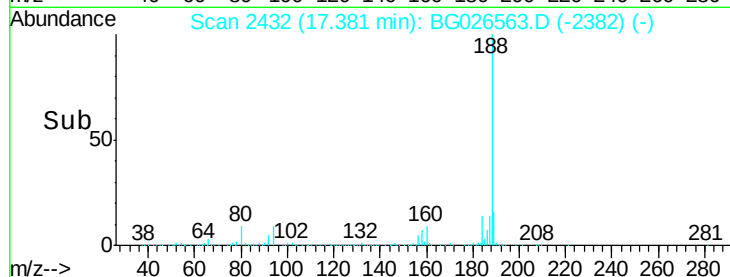
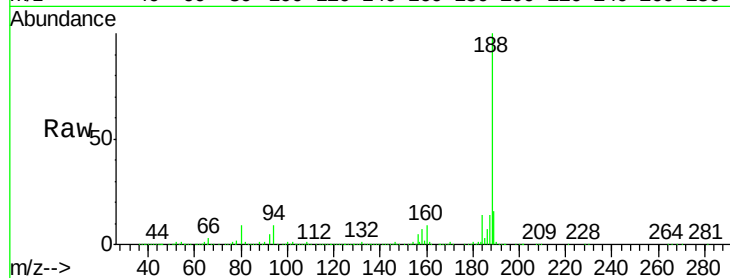
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

Tot Ion:188 Resp: 1028778
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.8#
80 9.1 7.5 11.3

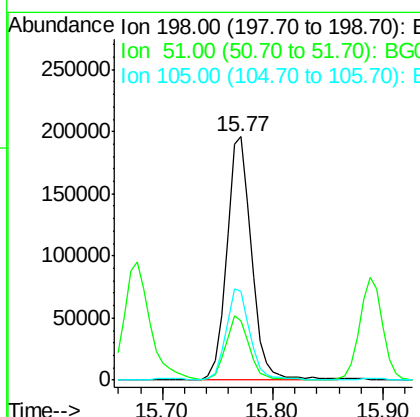
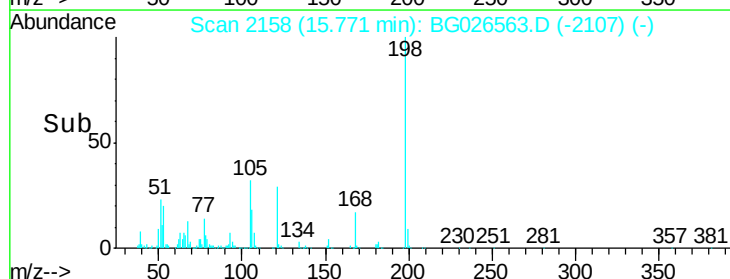
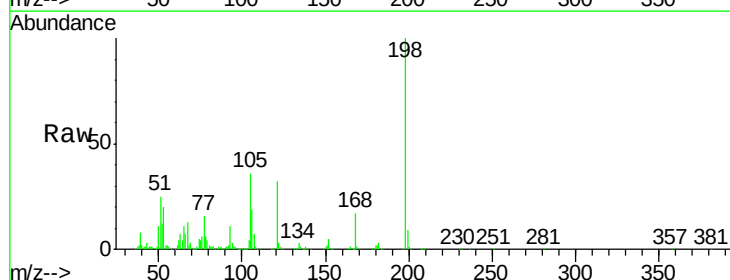
Manual Integrations
APPROVED

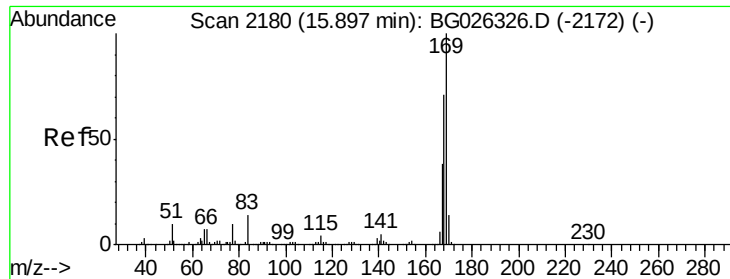
mohammad
4/6/2017 3:42:23 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 47.40 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion:198 Resp: 307472
Ion Ratio Lower Upper
198 100
51 24.5 22.6 62.6
105 36.5 14.4 54.4





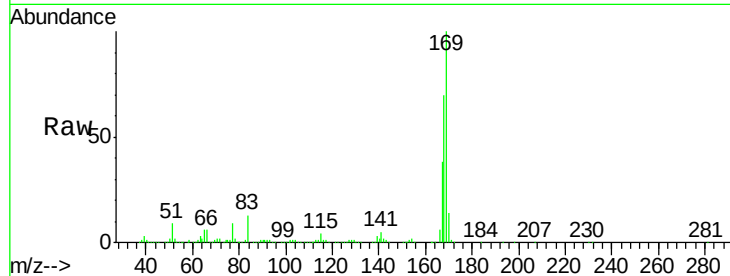
#65
n-Nitrosodiphenylamine
Concen: 46.94 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

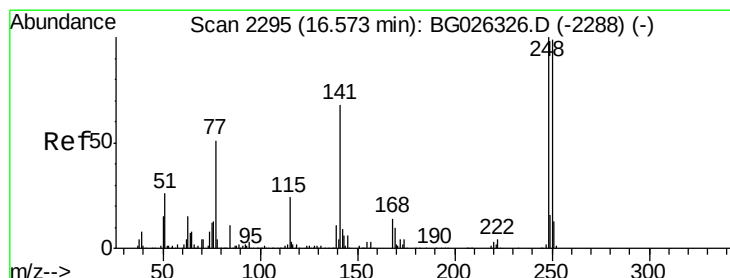
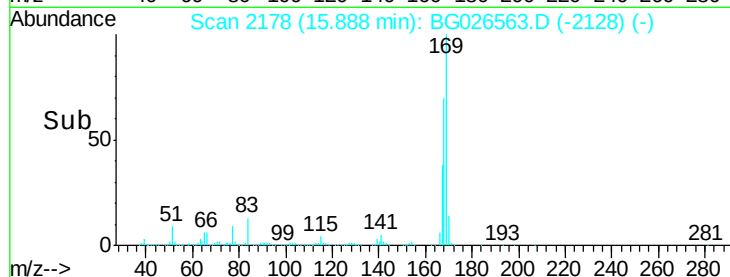
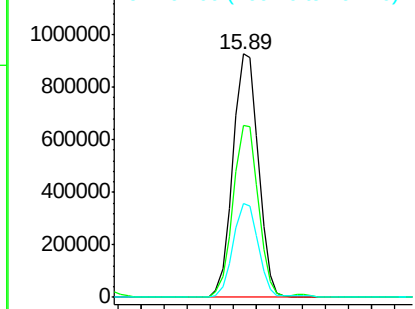
Tot Ion:169 Resp: 1417380
Ion Ratio Lower Upper
169 100
168 70.5 55.7 83.5
167 38.5 29.8 44.6

Manual Integrations
APPROVED

mohammad
4/6/2017 3:42:23 PM

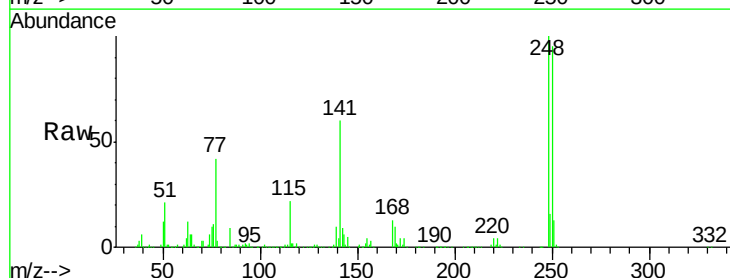


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

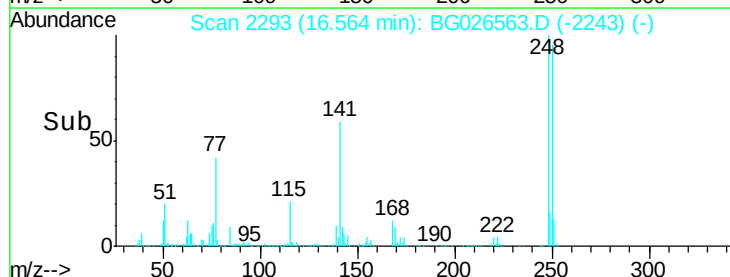
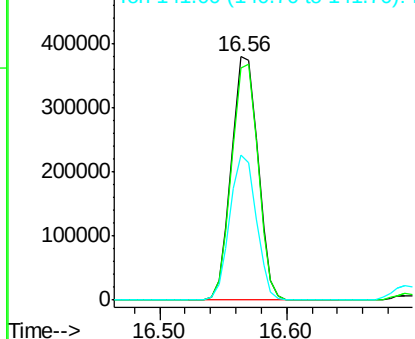


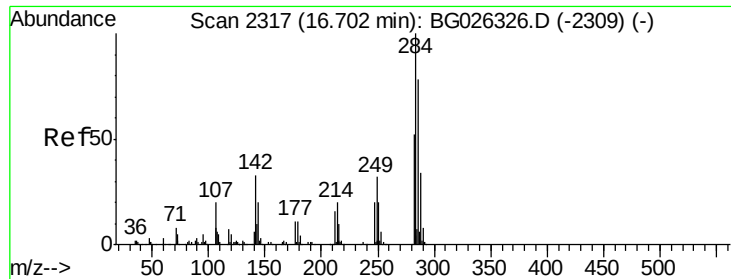
#66
4-Bromophenyl-phenylether
Concen: 52.09 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion:248 Resp: 551531
Ion Ratio Lower Upper
248 100
250 95.3 75.0 112.6
141 59.6 55.2 82.8



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





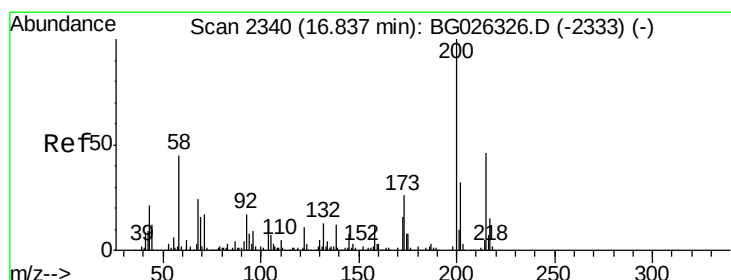
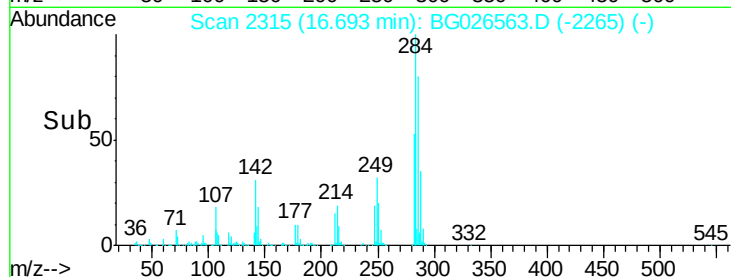
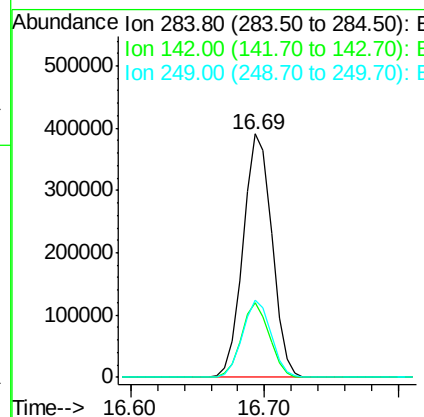
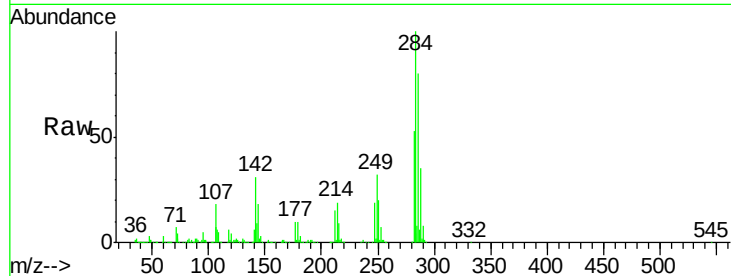
#67
Hexachlorobenzene
Concen: 51.40 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.6	29.9	44.9	
249	31.8	29.2	43.8	

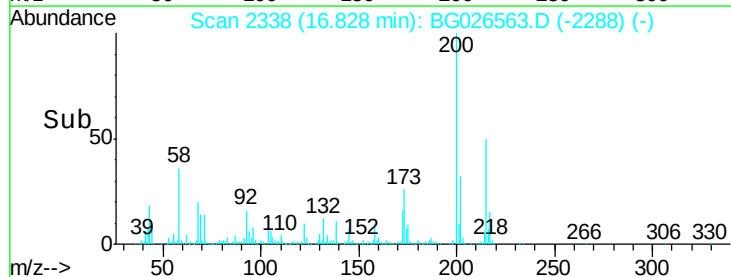
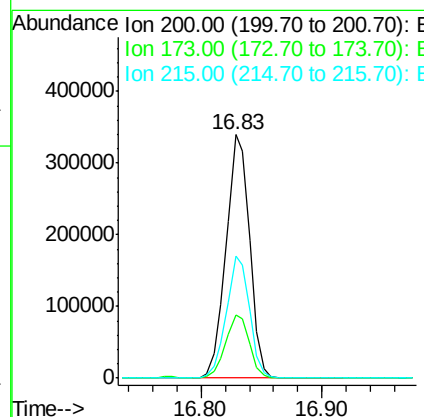
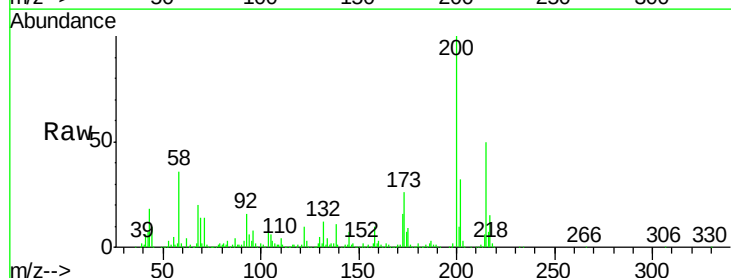
Manual Integrations
APPROVED

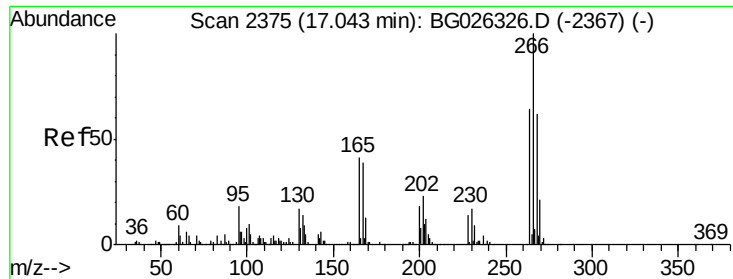
mohammad
4/6/2017 3:42:23 PM



#68
Atrazine
Concen: 39.99 ng
RT: 16.83 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.7	3.0	43.0	
215	50.3	28.4	68.4	





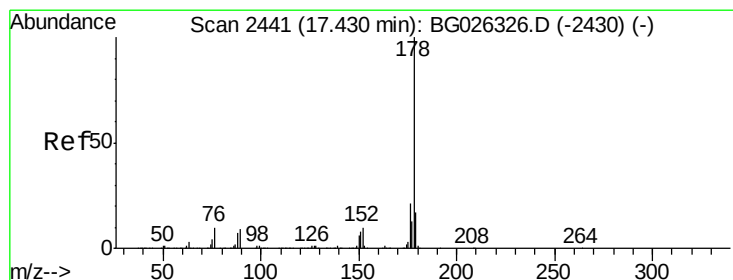
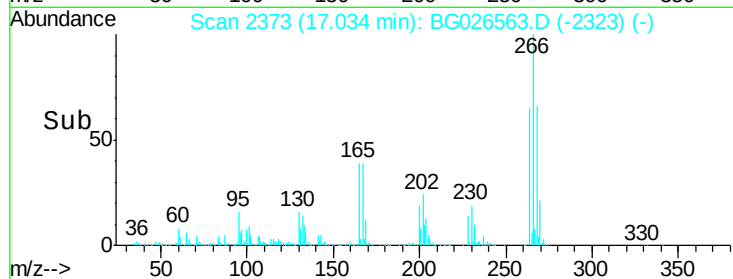
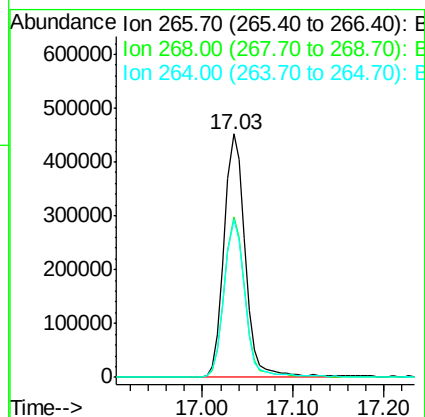
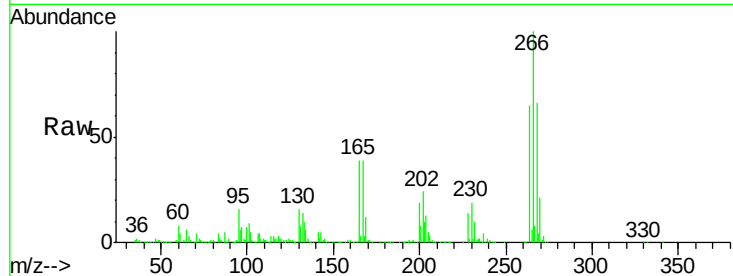
#69
 Pentachlorophenol
 Concen: 99.87 ng
 RT: 17.03 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	48.6	72.8
264	65.1	50.1	75.1

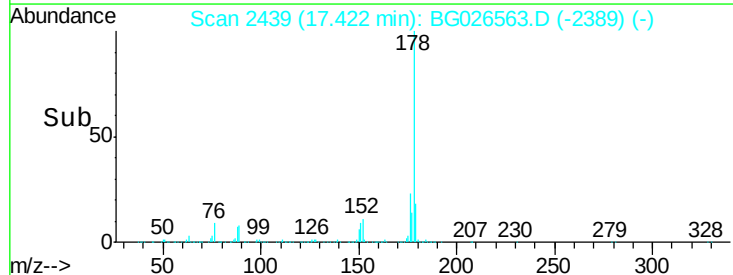
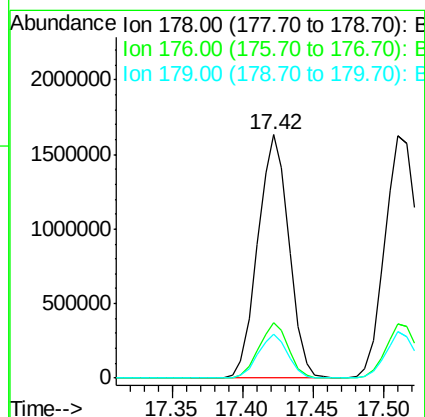
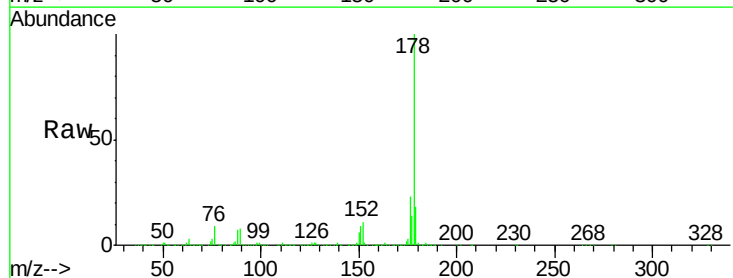
Manual Integrations
 APPROVED

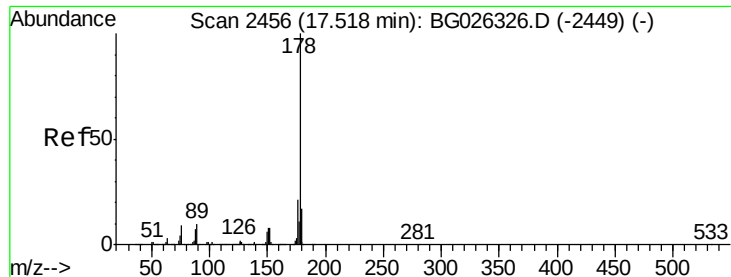
mohammad
 4/6/2017 3:42:23 PM



#70
 Phenanthrene
 Concen: 45.86 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.0	17.7	26.5
179	18.0	15.0	22.6





#71

Anthracene

Concen: 46.37 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

B1-(0-5)MSD

Tot Ion:178 Resp: 2613792

Ion Ratio Lower Upper

178 100

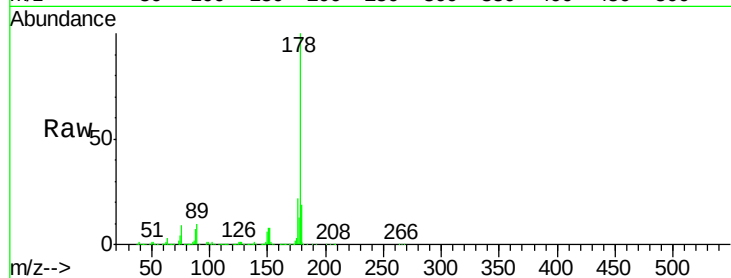
176 22.2 16.4 24.6

179 19.0 13.8 20.8

Manual Integrations
APPROVED

mohammad

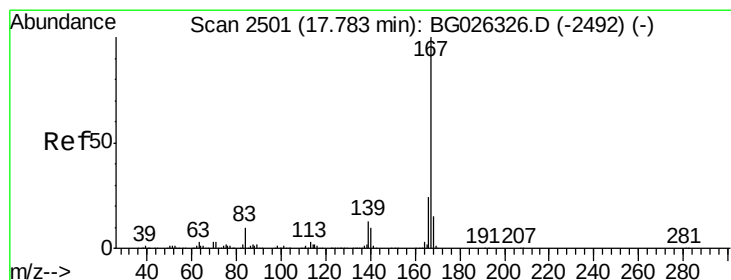
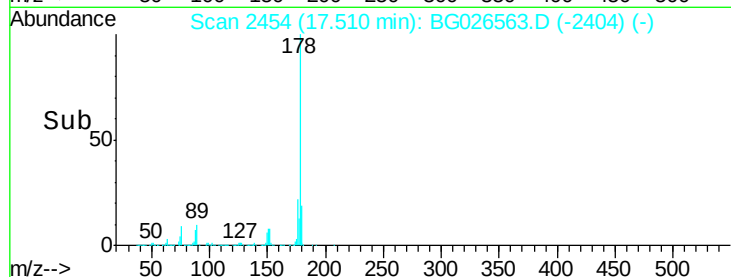
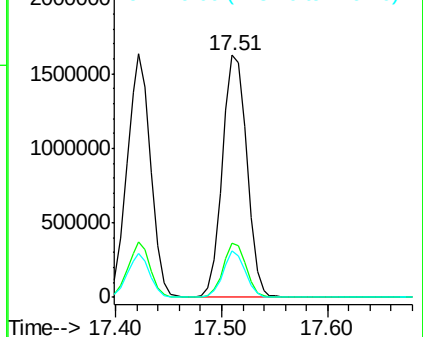
4/6/2017 3:42:23 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.46 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

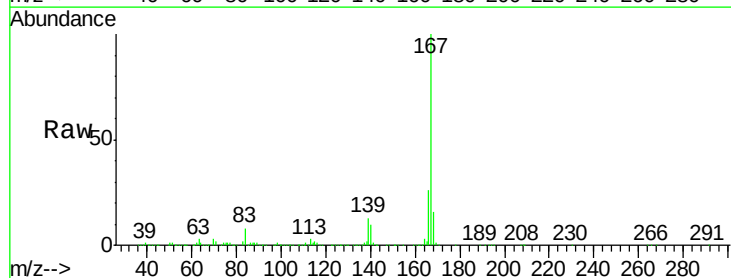
Tgt Ion:167 Resp: 2464362

Ion Ratio Lower Upper

167 100

166 26.0 20.2 30.2

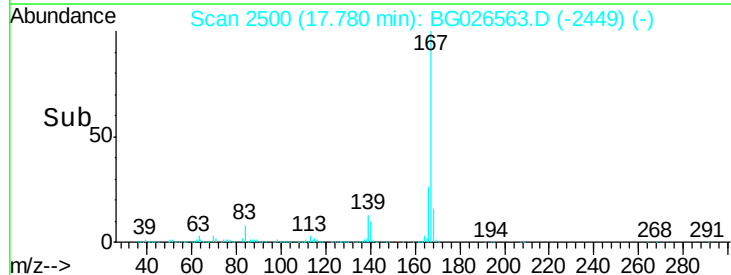
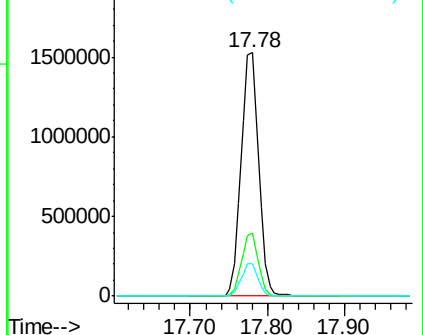
139 13.2 12.8 19.2

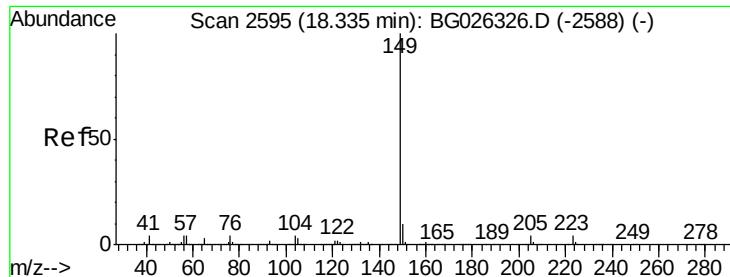


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.23 ng

RT: 18.33 min Scan# 2593

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

B1-(0-5)MSD

Tot Ion:149 Resp: 2756654

Ion Ratio Lower Upper

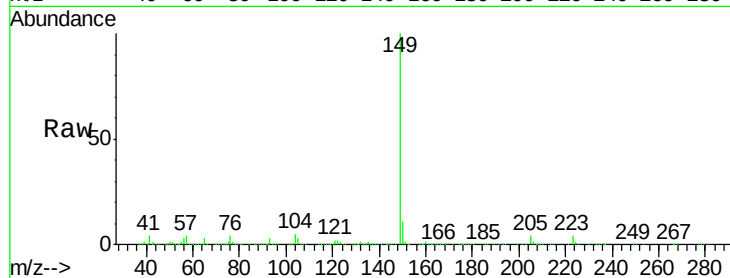
149 100

150 11.4 9.1 13.7

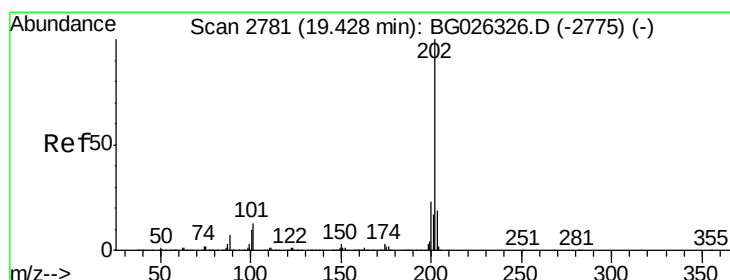
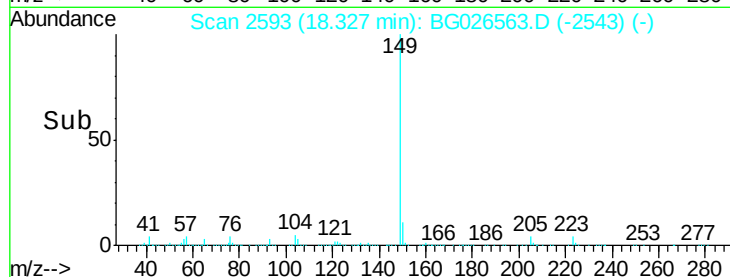
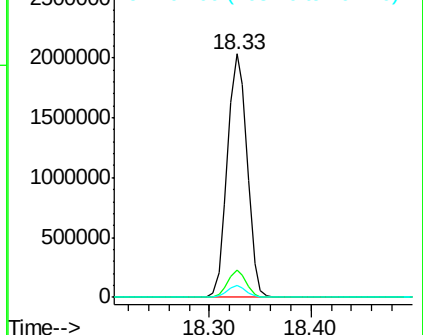
104 4.8 6.7 10.1#

Manual Integrations
APPROVED

mohammad
4/6/2017 3:42:23 PM



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



#74

Fluoranthene

Concen: 45.87 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

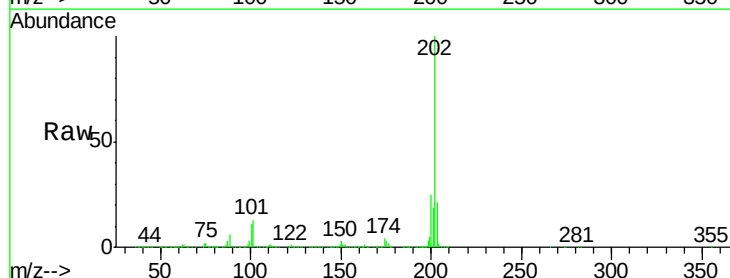
Tgt Ion:202 Resp: 2979705

Ion Ratio Lower Upper

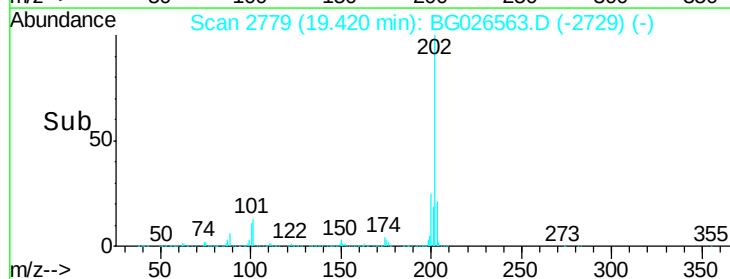
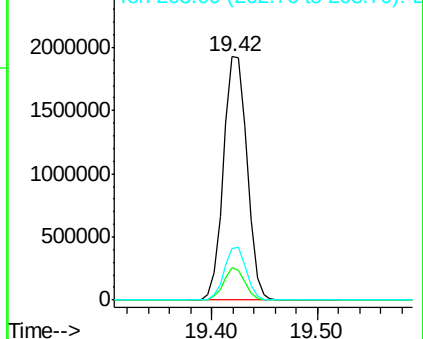
202 100

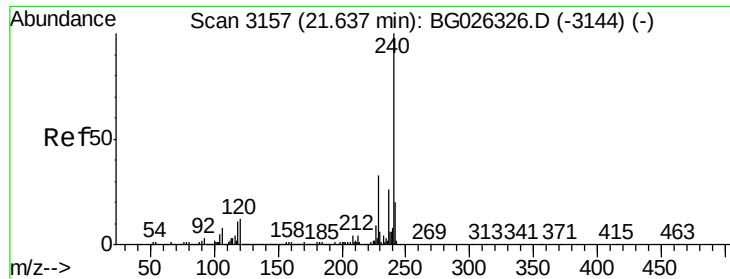
101 13.2 0.0 30.1

203 21.2 1.3 41.3



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





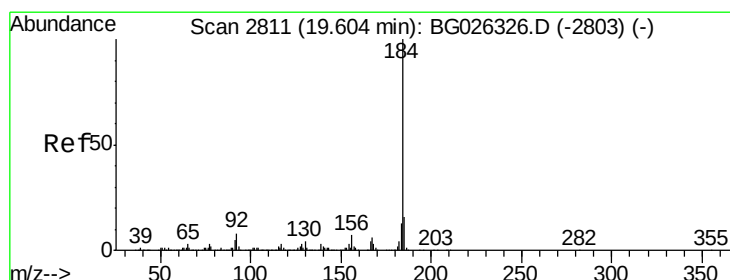
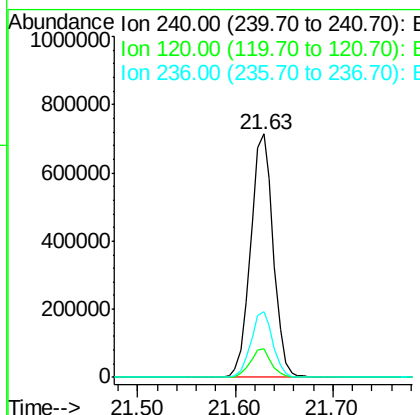
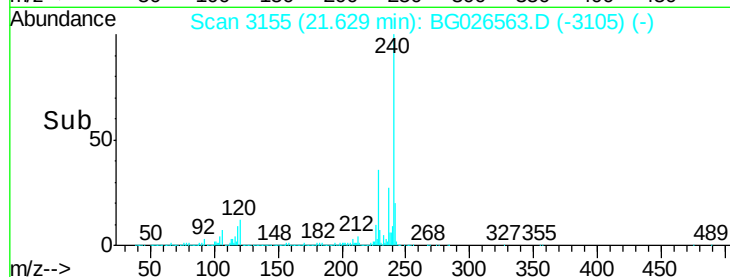
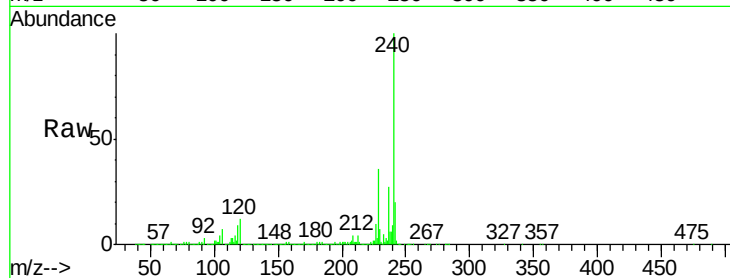
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MSD

Tot Ion:240 Resp: 1162525
 Ion Ratio Lower Upper
 240 100
 120 11.7 5.7 8.5#
 236 26.8 22.2 33.4

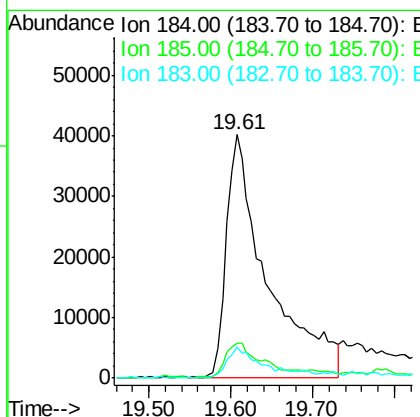
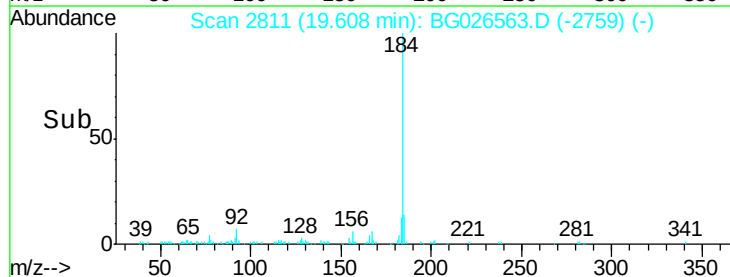
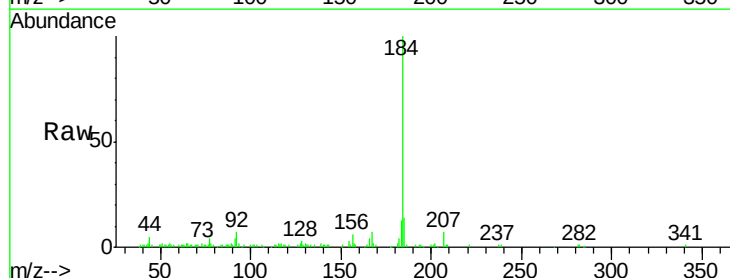
Manual Integrations
 APPROVED

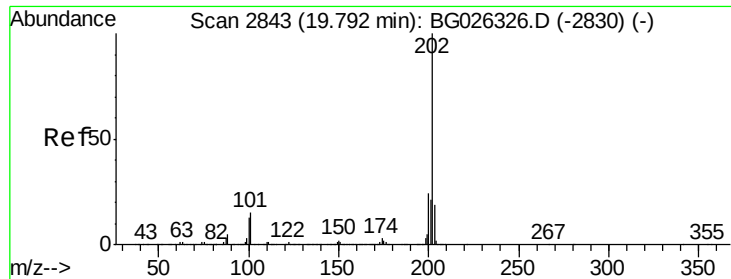
mohammad
 4/6/2017 3:42:23 PM



#76
 Benzidine
 Concen: 3.50 ng
 RT: 19.61 min Scan# 2811
 Delta R.T. 0.00 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Tgt Ion:184 Resp: 140444
 Ion Ratio Lower Upper
 184 100
 185 14.3 13.0 19.6
 183 12.8 11.0 16.6





#77

Pvrene

Concen: 44.79 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

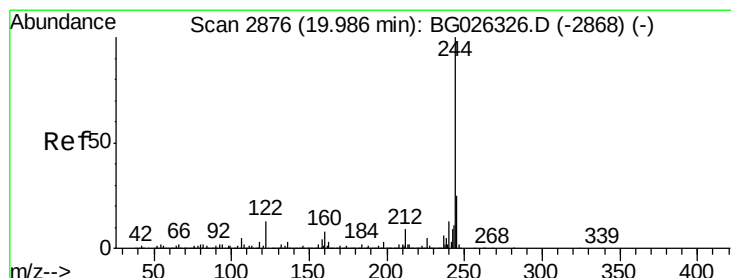
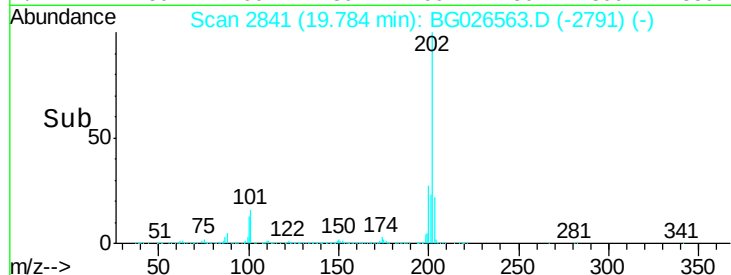
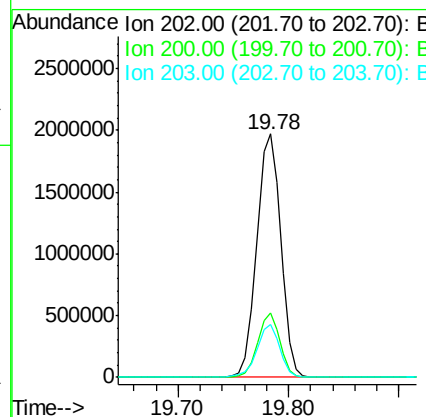
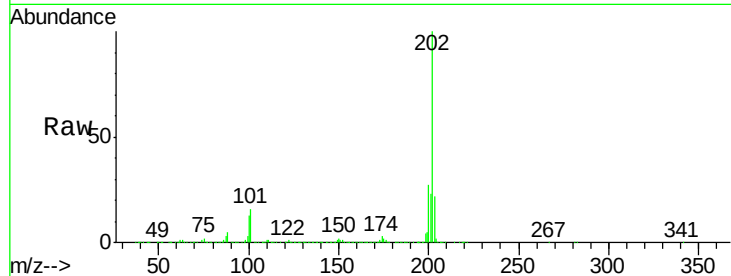
ClientSampleId :

B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	26.7	19.6	29.4
203	22.0	15.8	23.8

Manual Integrations
APPROVED

mohammad
4/6/2017 3:42:23 PM



#78

Terphenyl-d14

Concen: 77.35 ng

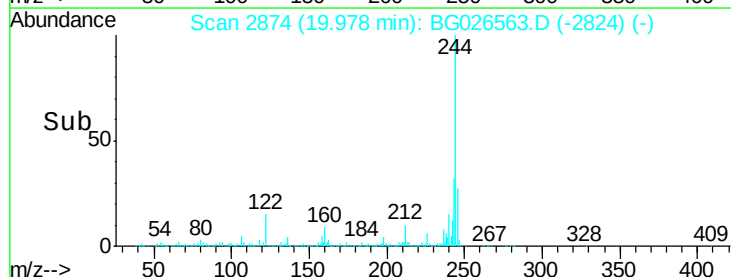
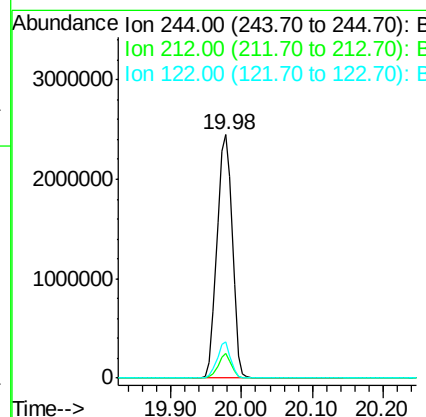
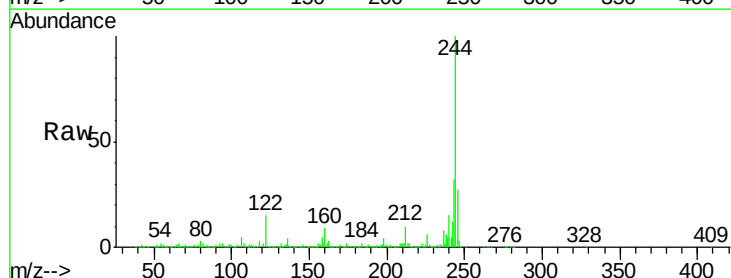
RT: 19.98 min Scan# 2874

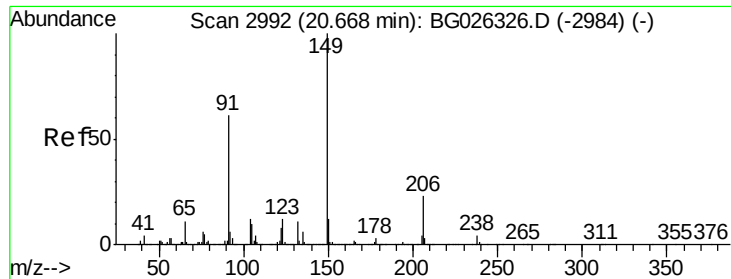
Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.0	15.0
122	14.9	8.6	12.8





#79

Butylbenzylphthalate

Concen: 48.83 ng

RT: 20.66 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

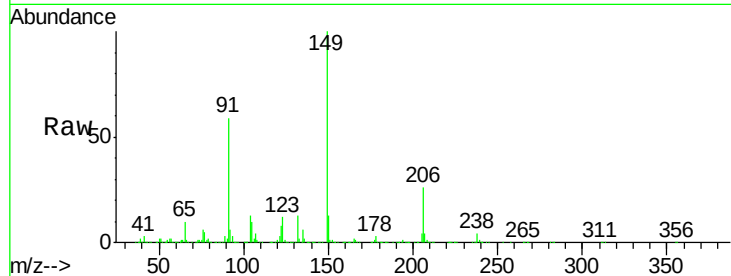
ClientSampleId :

B1-(0-5)MSD

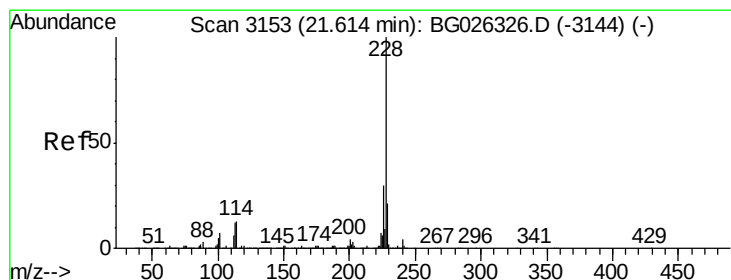
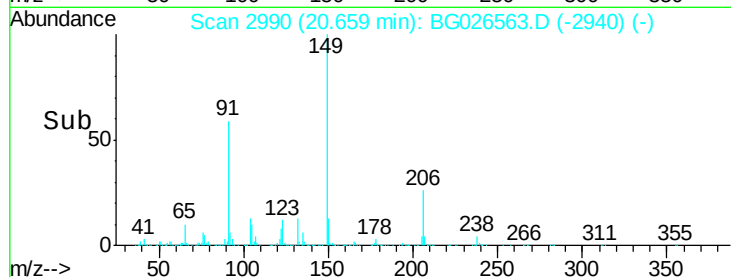
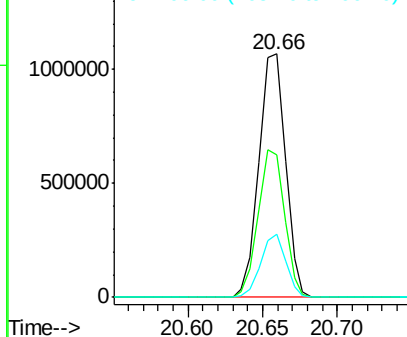
Tot Ion:	149	Resp:	1315172
Ion Ratio	Lower	Upper	
149	100		
91	58.7	63.5	95.3#
206	25.9	21.0	31.6

Manual Integrations
APPROVED

mohammad
4/6/2017 3:42:23 PM



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



#80

Benzo(a)anthracene

Concen: 45.60 ng

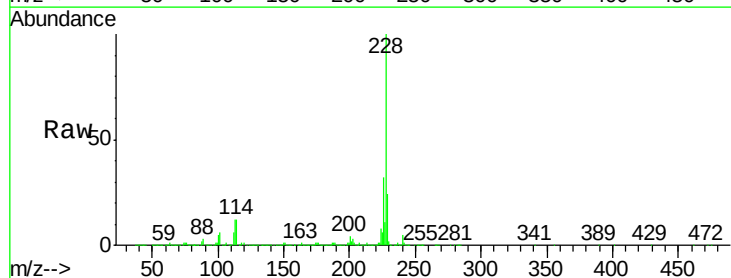
RT: 21.61 min Scan# 3151

Delta R.T. -0.01 min

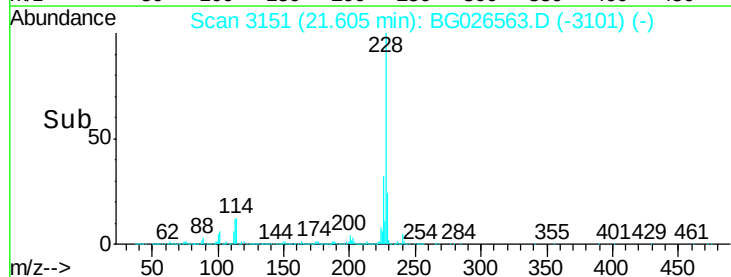
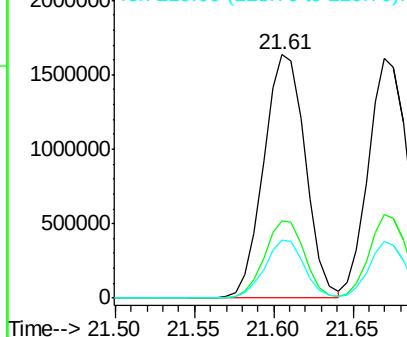
Lab File: BG026563.D

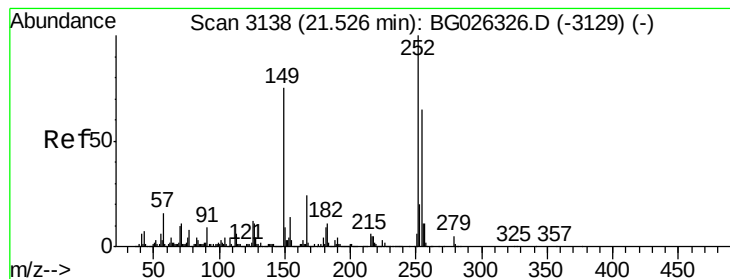
Acq: 5 Apr 2017 18:10

Tgt Ion:	228	Resp:	2982915
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.9	37.3
229	24.0	18.2	27.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





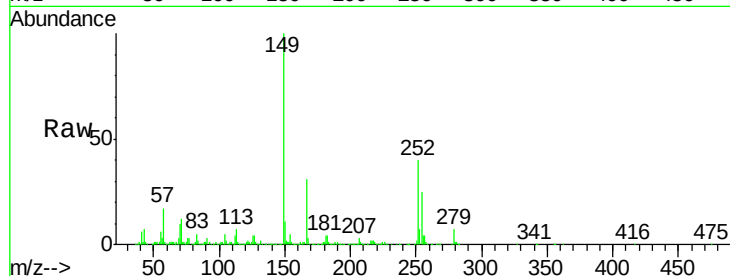
#81
 3,3'-Dichlorobenzidine
 Concen: 11.31 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	53.1	79.7
126	10.0	7.0	10.4

Manual Integrations
 APPROVED

mohammad
 4/6/2017 3:42:23 PM

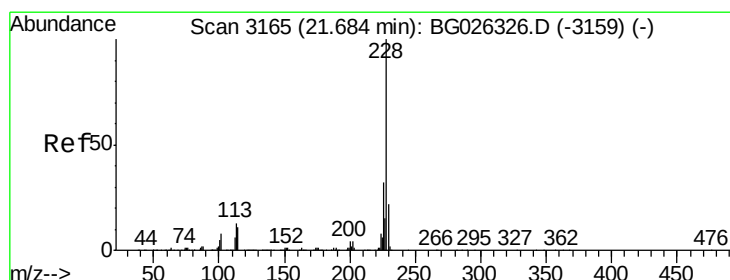
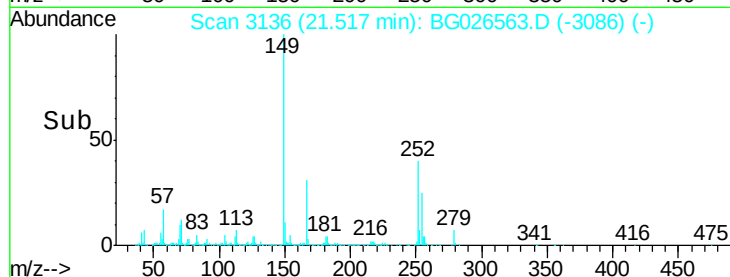
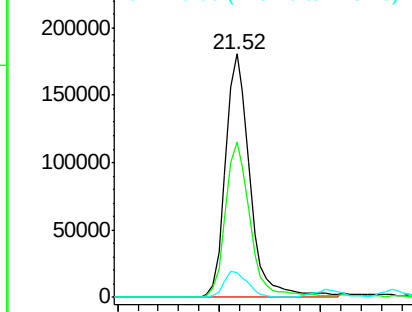


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 44.21 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

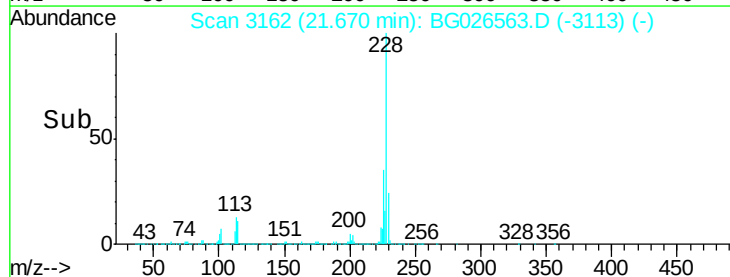
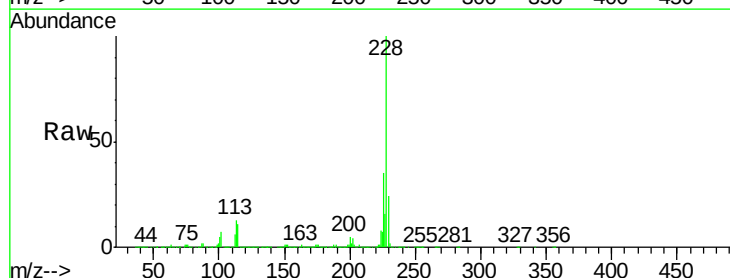
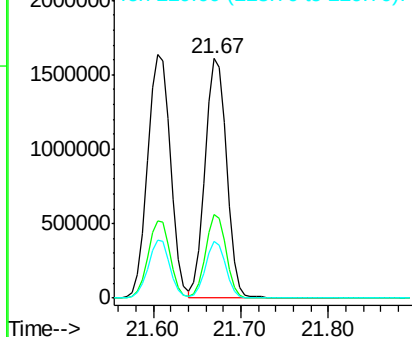
Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.1	27.0	40.4
229	23.7	17.8	26.6

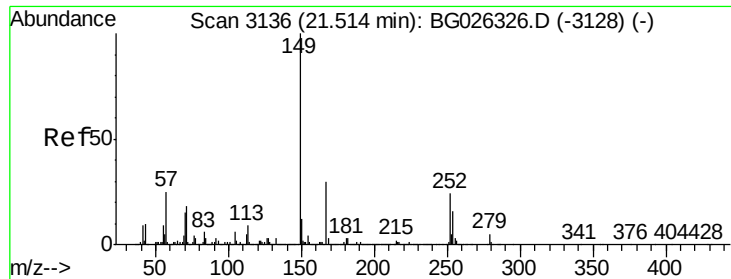
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.46 ng

RT: 21.51 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

B1-(0-5)MSD

Tot Ion:149 Resp: 1849131

Ion Ratio Lower Upper

149 100

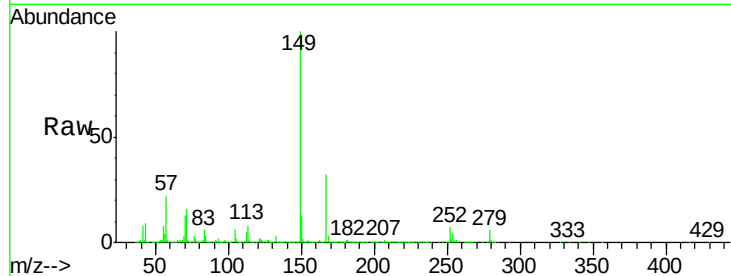
167 32.1 23.7 35.5

279 5.7 4.6 6.8

Manual Integrations
APPROVED

mohammad

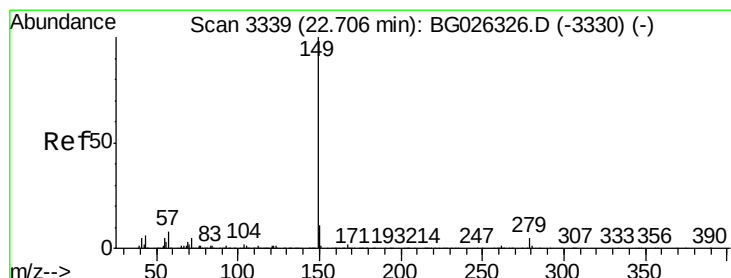
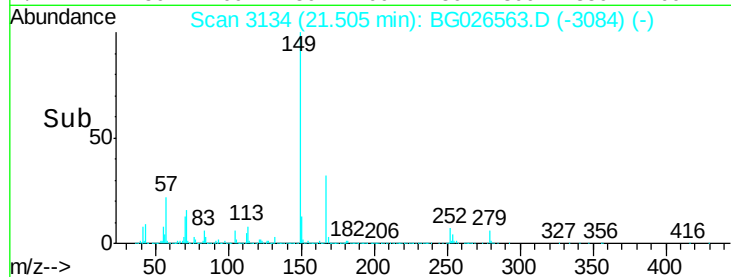
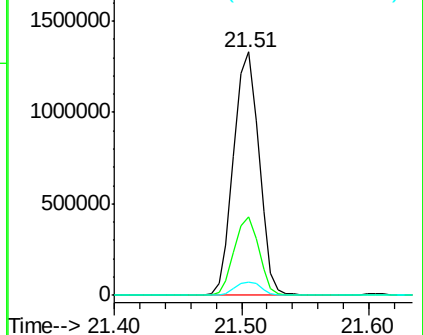
4/6/2017 3:42:23 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.67 ng

RT: 22.69 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

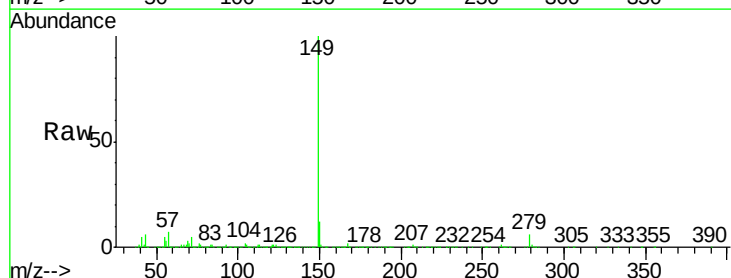
Tgt Ion:149 Resp: 3101221

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

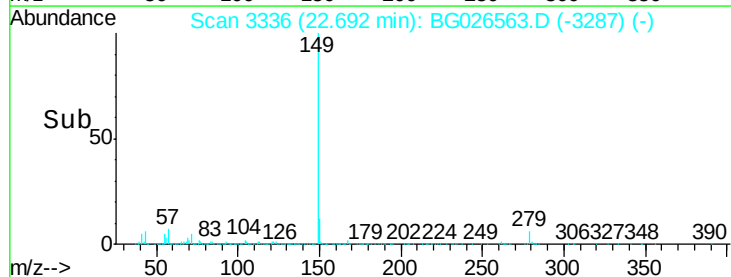
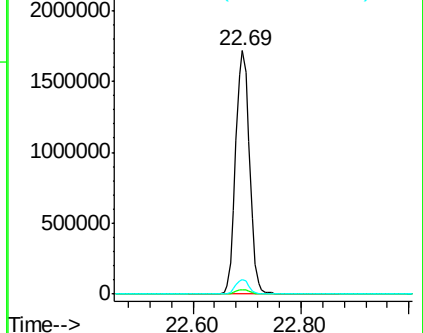
43 5.8 11.8 17.6#

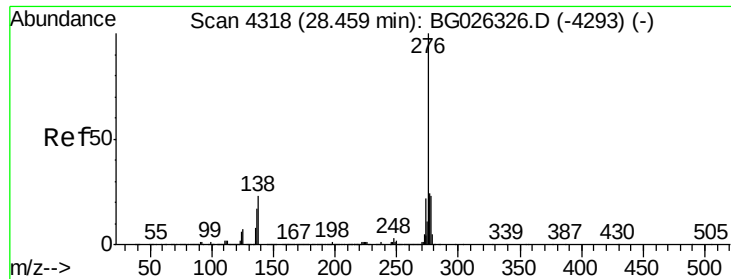


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





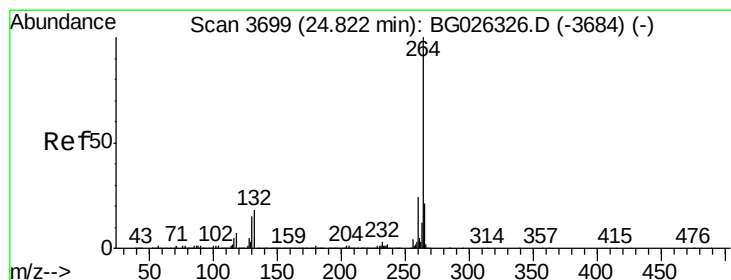
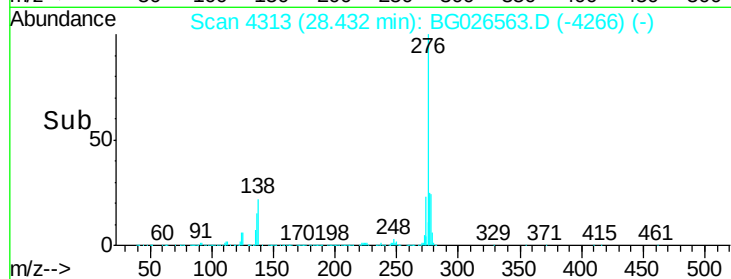
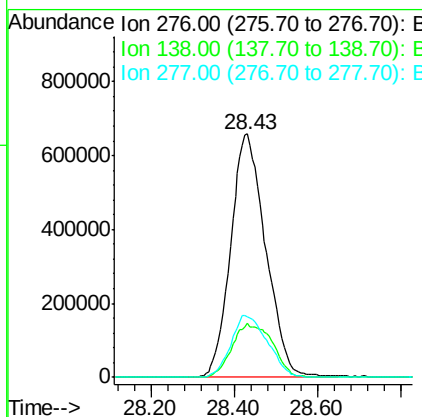
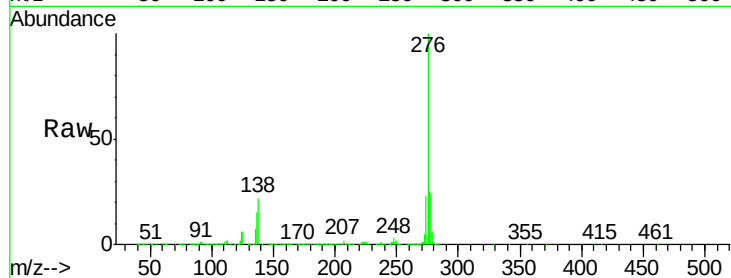
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.90 ng
 RT: 28.43 min Scan# 4313
 Delta R.T. -0.03 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MSD

Tot Ion:276 Resp: 3851131
 Ion Ratio Lower Upper
 276 100
 138 25.6 4.7 7.1#
 277 26.7 20.6 31.0

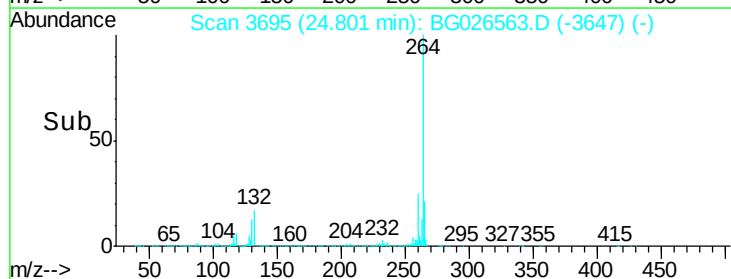
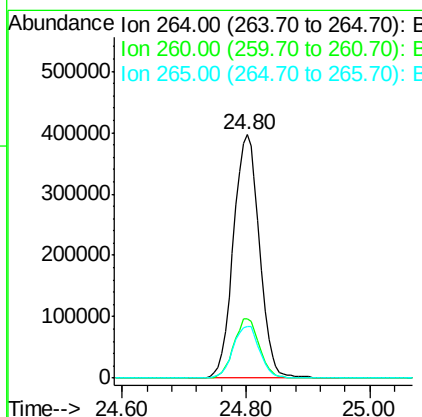
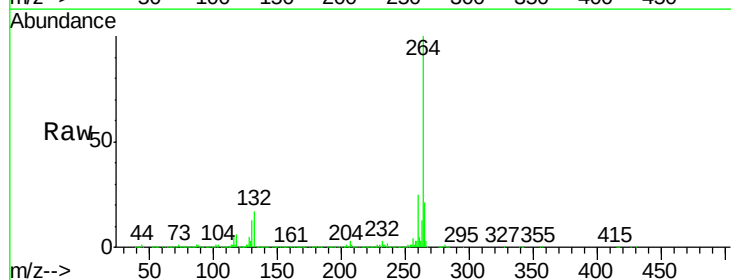
Manual Integrations
 APPROVED

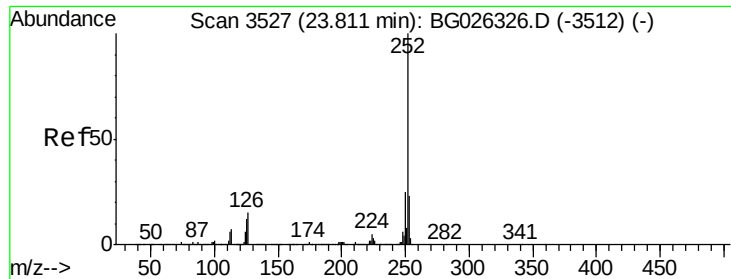
mohammad
 4/6/2017 3:42:23 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.80 min Scan# 3695
 Delta R.T. -0.02 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Tgt Ion:264 Resp: 1159601
 Ion Ratio Lower Upper
 264 100
 260 24.5 21.8 32.8
 265 21.4 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 46.63 ng

RT: 23.80 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Instrument :

BNA_G

ClientSampleId :

B1-(0-5)MSD

Tot Ion:252 Resp: 3187837

Ion Ratio Lower Upper

252 100

253 24.5 18.7 28.1

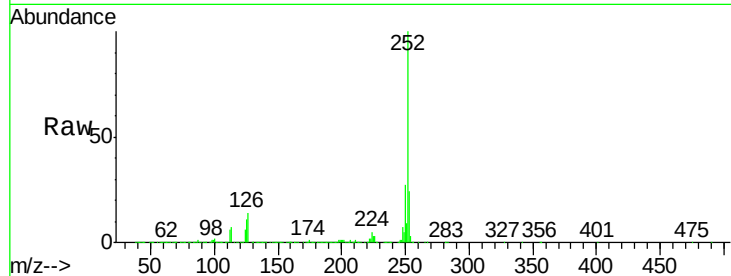
125 11.2 5.3 7.9#

Manual Integrations

APPROVED

mohammad

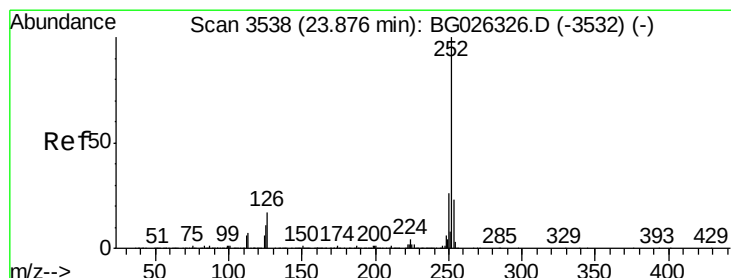
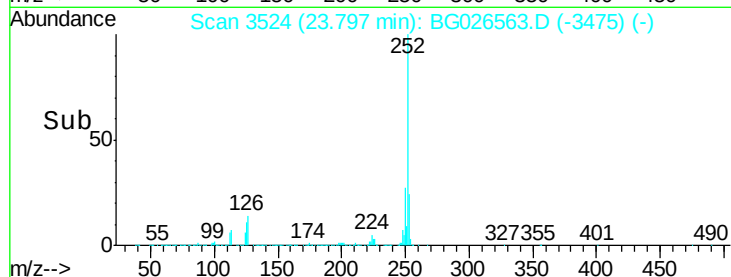
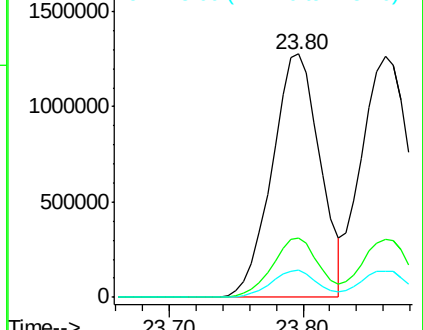
4/6/2017 3:42:23 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.74 ng

RT: 23.86 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG026563.D

Acq: 5 Apr 2017 18:10

Tgt Ion:252 Resp: 3164878

Ion Ratio Lower Upper

252 100

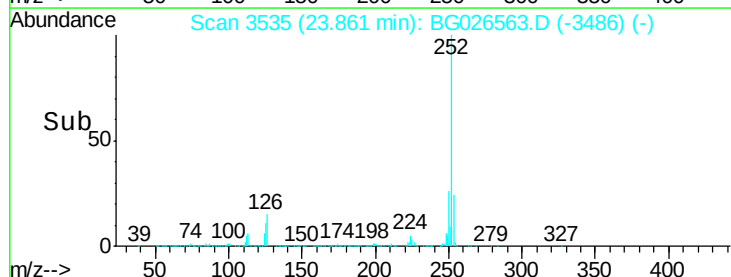
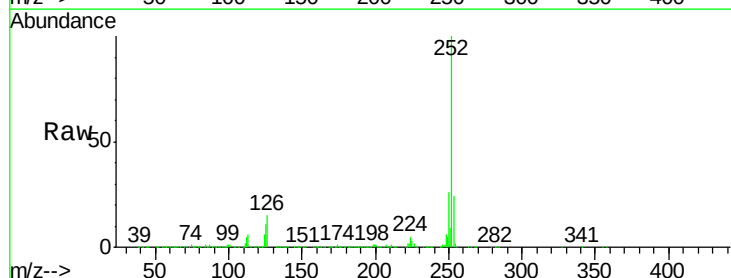
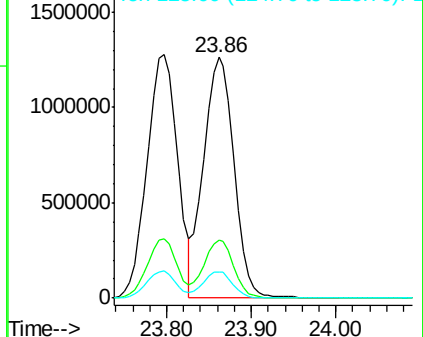
253 24.1 20.2 30.2

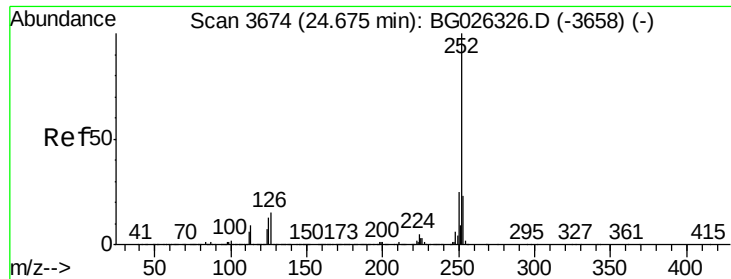
125 11.0 5.1 7.7#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





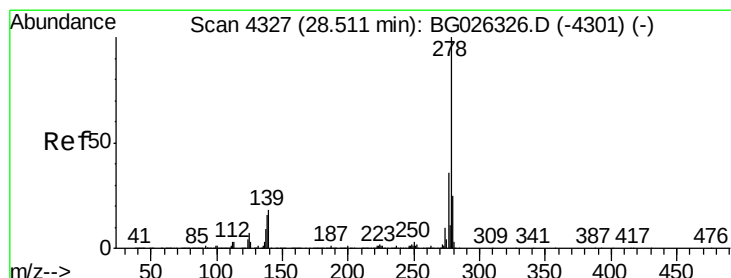
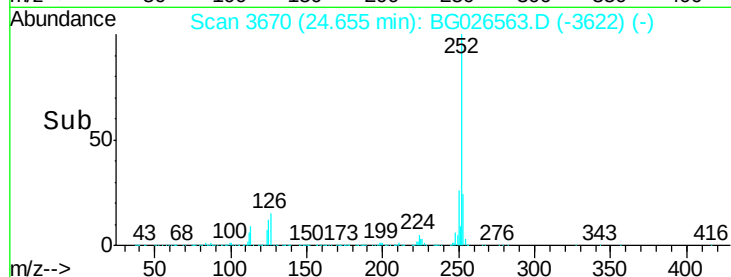
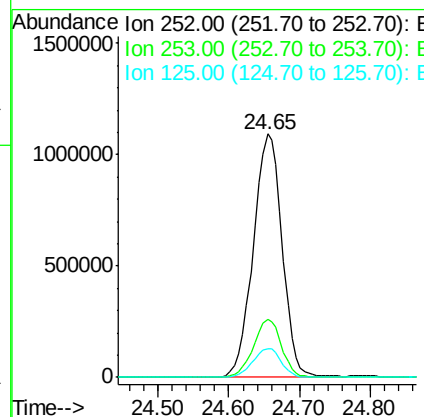
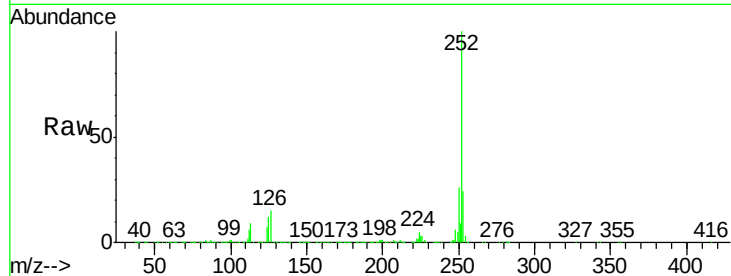
#89
Benzo(a)pyrene
Concen: 47.51 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	11.8	5.4	8.0

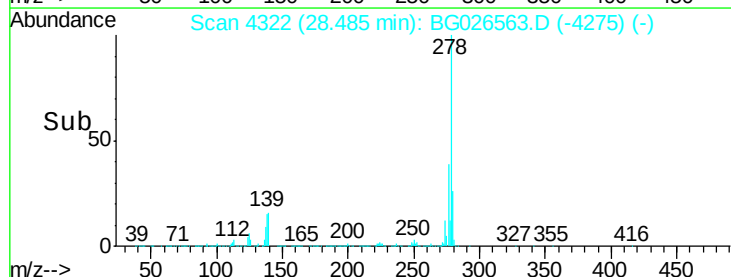
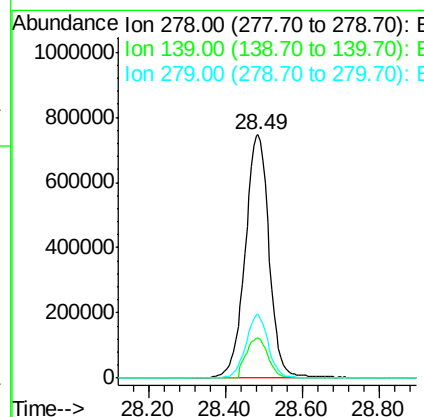
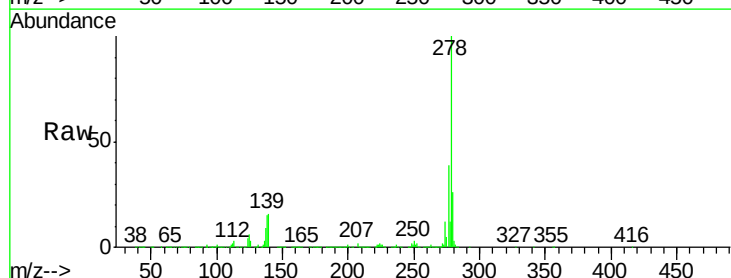
Manual Integrations
APPROVED

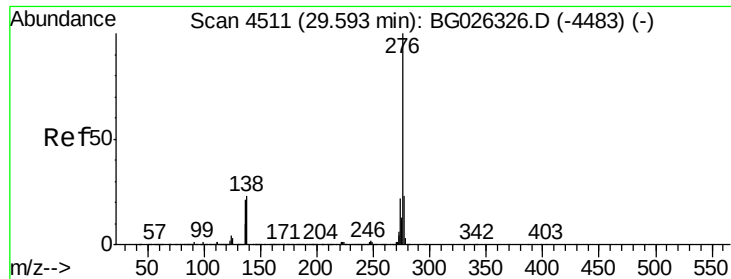
mohammad
4/6/2017 3:42:23 PM



#90
Dibenzo(a,h)anthracene
Concen: 48.76 ng
RT: 28.49 min Scan# 4322
Delta R.T. -0.03 min
Lab File: BG026563.D
Acq: 5 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	7.7	11.5
279	26.4	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 47.31 ng
 RT: 29.56 min Scan# 4505
 Delta R.T. -0.03 min
 Lab File: BG026563.D
 Acq: 5 Apr 2017 18:10

Instrument :
 BNA_G
 ClientSampleId :
 B1-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	27.8
138	22.5	8.1	12.1

Manual Integrations
 APPROVED

mohammad
 4/6/2017 3:42:23 PM

