

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
 Data File : BG026402.D
 Acq On : 23 Mar 2017 14:38
 Operator : SJ/MA
 Sample : PB97769BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97769BS

Manual Integrations
 APPROVED

mohammad
 3/24/2017 12:17:43 PM

Quant Time: Mar 24 01:21:50 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	142345	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	587089	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	354011	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	843452	20.00	ng	0.00
75) Chrysene-d12	21.63	240	976519	20.00	ng	0.00
86) Perylene-d12	24.80	264	990253	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1011564	126.13	ng	0.00
7) Phenol-d6	7.21	99	1318176	122.43	ng	0.00
23) Nitrobenzene-d5	9.20	82	677948	69.43	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	584265	144.12	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1983213	78.56	ng	0.00
78) Terphenyl-d14	19.98	244	2869109	71.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	103288	28.69	ng	# 68
3) Pyridine	3.90	79	279309	28.33	ng	# 59
4) n-Nitrosodimethylamine	3.81	42	84023	31.18	ng	# 1
6) Aniline	7.37	93	286162	19.90	ng	# 83
8) 2-Chlorophenol	7.61	128	366442	40.58	ng	# 81
9) Benzaldehyde	7.18	77	92523	12.73	ng	# 58
10) Phenol	7.23	94	451227	39.27	ng	# 69
11) bis(2-Chloroethyl)ether	7.46	93	323054	34.29	ng	# 80
12) 1,3-Dichlorobenzene	7.93	146	399707	37.18	ng	# 85
13) 1,4-Dichlorobenzene	8.08	146	406099	37.34	ng	# 93
14) 1,2-Dichlorobenzene	8.40	146	384172	36.91	ng	# 91
15) Benzyl Alcohol	8.28	79	258322	36.59	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	8.57	45	302087	28.87	ng	# 78
17) 2-Methylphenol	8.48	107	311119	38.13	ng	# 79
18) Hexachloroethane	9.13	117	125009	35.15	ng	# 94
19) n-Nitroso-di-n-propylamine	8.84	70	233439	33.73	ng	# 69
20) 3+4-Methylphenols	8.80	107	437061	38.90	ng	# 84
22) Acetophenone	8.86	105	498003	36.89	ng	# 72
24) Nitrobenzene	9.24	77	337765	35.04	ng	# 70
25) Isophorone	9.76	82	669587	36.39	ng	# 87
26) 2-Nitrophenol	9.95	139	204403	40.75	ng	# 62
27) 2,4-Dimethylphenol	10.01	122	361169	43.86	ng	# 84
28) bis(2-Chloroethoxy)methane	10.24	93	447732	37.45	ng	# 96
29) 2,4-Dichlorophenol	10.49	162	381110	45.77	ng	# 93
30) 1,2,4-Trichlorobenzene	10.71	180	384099	41.06	ng	# 98
31) Naphthalene	10.89	128	1099146	37.03	ng	# 100
32) Benzoic acid	10.14	122	246809	38.95	ng	# 69
33) 4-Chloroaniline	11.00	127	70113	5.81	ng	# 80
34) Hexachlorobutadiene	11.18	225	219047	39.69	ng	# 98
35) Caprolactam	11.75	113	137113m	41.79	ng	#
36) 4-Chloro-3-methylphenol	12.11	107	379551	42.61	ng	# 75
37) 2-Methylnaphthalene	12.49	142	865945	39.83	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	418541	39.29	ng	# 96
40) Hexachlorocyclopentadiene	12.84	237	489230	87.26	ng	# 96

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
 Data File : BG026402.D
 Acq On : 23 Mar 2017 14:38
 Operator : SJ/MA
 Sample : PB97769BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97769BS

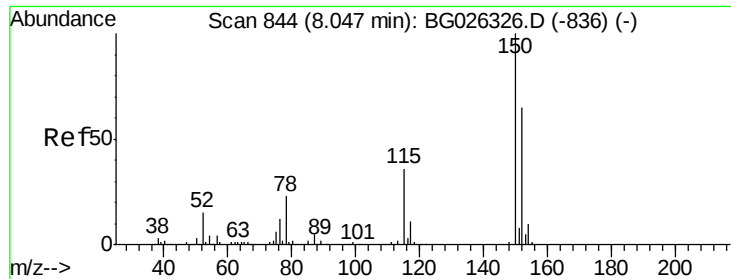
Manual Integrations
 APPROVED

mohammad
 3/24/2017 12:17:43 PM

Quant Time: Mar 24 01:21:50 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	311575	44.68	nq	96
43) 2,4,5-Trichlorophenol	13.16	196	333436	43.25	nq	# 90
45) 1,1'-Biphenyl	13.49	154	1127158	38.45	nq	97
46) 2-Chloronaphthalene	13.53	162	847302	39.57	nq	96
47) 2-Nitroaniline	13.73	65	218009	35.80	nq	# 49
48) Acenaphthylene	14.37	152	1412237	37.83	nq	99
49) Dimethylphthalate	14.10	163	1118679	41.87	nq	99
50) 2,6-Dinitrotoluene	14.22	165	260790	41.82	nq	# 56
51) Acenaphthene	14.72	154	881346	38.34	nq	98
52) 3-Nitroaniline	14.55	138	109475	15.94	nq	# 66
53) 2,4-Dinitrophenol	14.76	184	316137	87.39	nq	# 74
54) Dibenzofuran	15.04	168	1374756	42.48	nq	# 88
55) 4-Nitrophenol	14.86	139	478762	85.14	nq	# 38
56) 2,4-Dinitrotoluene	15.00	165	374438	42.69	nq	# 69
57) Fluorene	15.69	166	1134591	39.39	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	317723	47.26	nq	# 95
59) Diethylphthalate	15.46	149	1118564	40.96	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	563783	41.31	nq	88
61) 4-Nitroaniline	15.71	138	290319	39.97	nq	# 50
62) Azobenzene	15.97	77	893711	40.25	nq	77
64) 4,6-Dinitro-2-methylphenol	15.77	198	233334	43.88	nq	84
65) n-Nitrosodiphenylamine	15.89	169	1016741	41.07	nq	98
66) 4-Bromophenyl-phenylether	16.57	248	376988	43.42	nq	93
67) Hexachlorobenzene	16.70	284	396248	42.79	nq	# 90
68) Atrazine	16.83	200	373348	39.84	nq	98
69) Pentachlorophenol	17.04	266	501065	83.22	nq	97
70) Phenanthrene	17.42	178	1799991	39.74	nq	98
71) Anthracene	17.51	178	1856406	40.17	nq	99
72) Carbazole	17.78	167	1781677	37.45	nq	96
73) Di-n-butylphthalate	18.33	149	1989120	40.69	nq	# 93
74) Fluoranthene	19.43	202	2162489	40.60	nq	96
76) Benzidine	19.60	184	781196	23.20	nq	98
77) Pyrene	19.79	202	2202336	38.95	nq	100
79) Butylbenzylphthalate	20.66	149	940769	41.58	nq	# 83
80) Benzo(a)anthracene	21.61	228	2177135	39.62	nq	100
81) 3,3'-Dichlorobenzidine	21.52	252	538585	23.94	nq	97
82) Chrysene	21.67	228	1986788	37.84	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1360706	39.82	nq	97
84) Di-n-octyl phthalate	22.69	149	2325296	39.87	nq	# 80
85) Indeno(1,2,3-cd)pyrene	28.43	276	2771769	42.76	nq	# 88
87) Benzo(b)fluoranthene	23.80	252	2300909	39.42	nq	# 96
88) Benzo(k)fluoranthene	23.86	252	2254835	39.83	nq	# 95
89) Benzo(a)pyrene	24.66	252	2258495	40.34	nq	# 96
90) Dibenzo(a,h)anthracene	28.48	278	2312196	40.86	nq	# 94
91) Benzo(g,h,i)perylene	29.57	276	2304831	40.43	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Instrument :

BNA_G

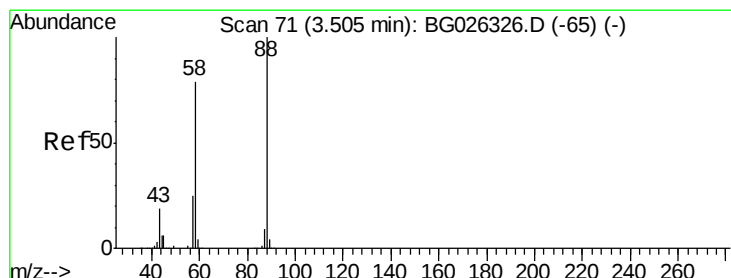
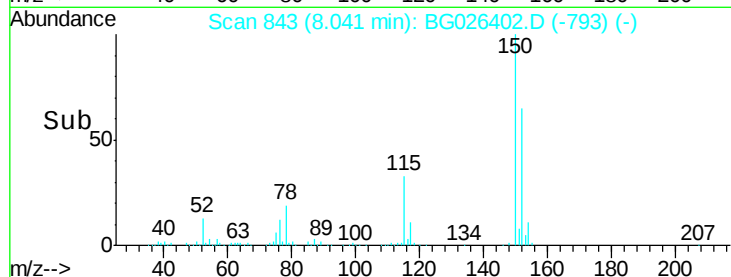
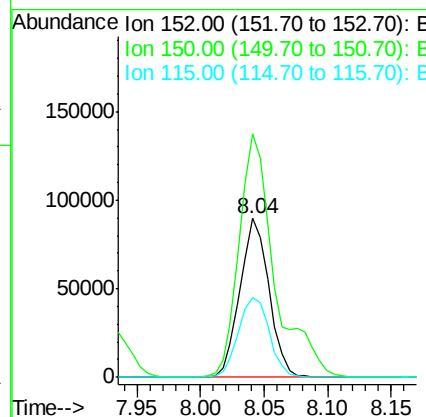
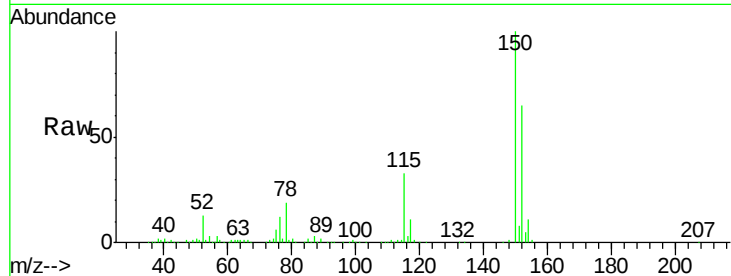
ClientSampleId :

PB97769BS

Tot Ion:	152	Resp:	142345
Ion	Ratio	Lower	Upper
152	100		
150	153.5	114.0	171.0
115	50.6	48.1	72.1

Manual Integrations
APPROVED

mohammad
3/24/2017 12:17:43 PM



#2

1,4-Dioxane

Concen: 28.69 ng

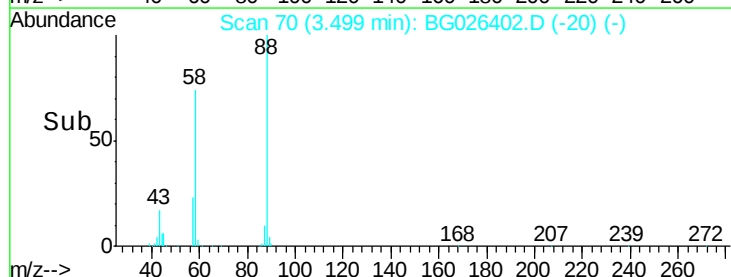
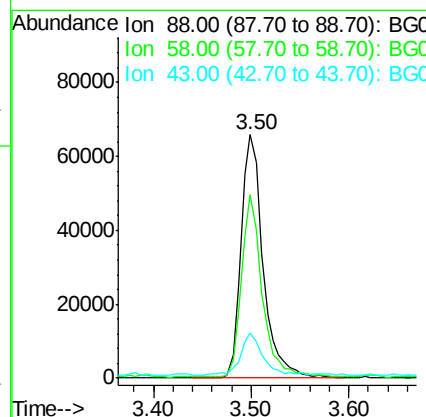
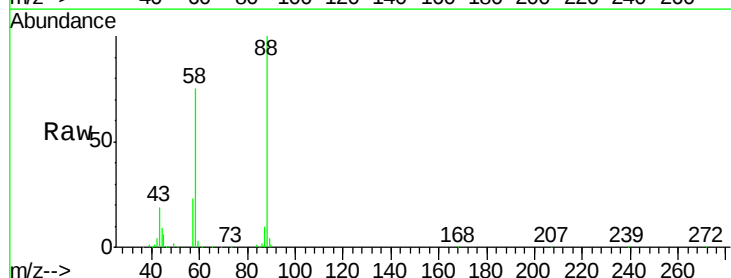
RT: 3.50 min Scan# 70

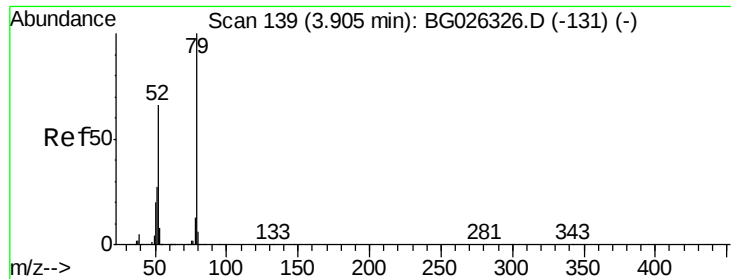
Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Tgt Ion:	88	Resp:	103288
Ion	Ratio	Lower	Upper
88	100		
58	69.9	79.4	119.2#
43	17.3	33.8	50.6#





#3

Pvridine

Concen: 28.33 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Instrument :

BNA_G

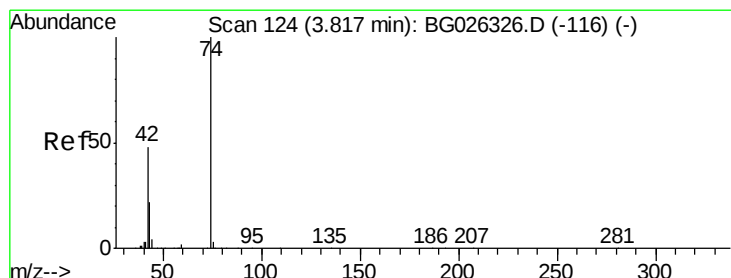
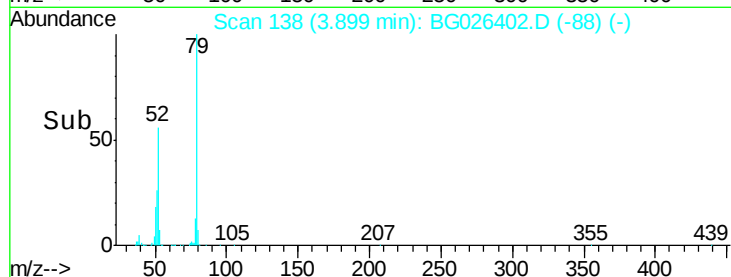
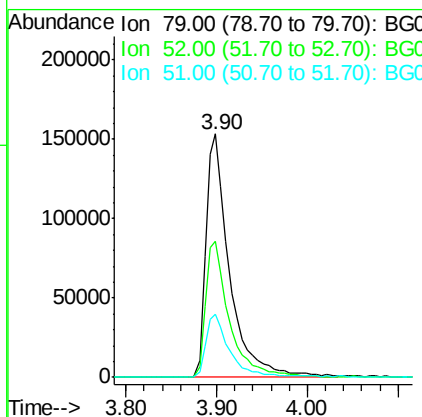
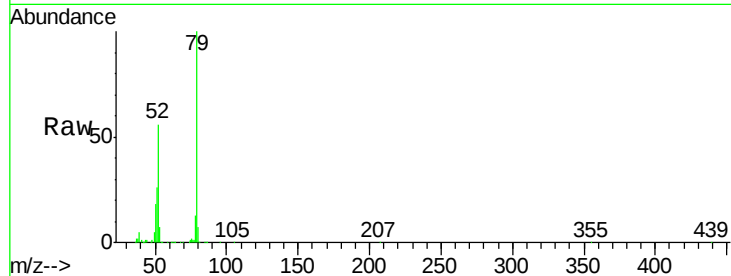
ClientSampleId :

PB97769BS

Tot Ion:	79	Resp:	279309
Ion	Ratio	Lower	Upper
79	100		
52	55.8	77.8	116.6#
51	25.8	43.2	64.8#

Manual Integrations
APPROVED

mohammad
3/24/2017 12:17:43 PM



#4

n-Nitrosodimethylamine

Concen: 31.18 ng

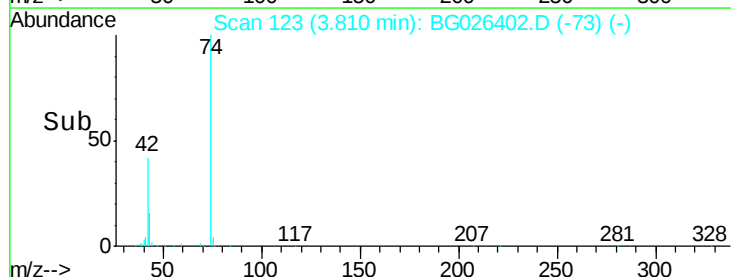
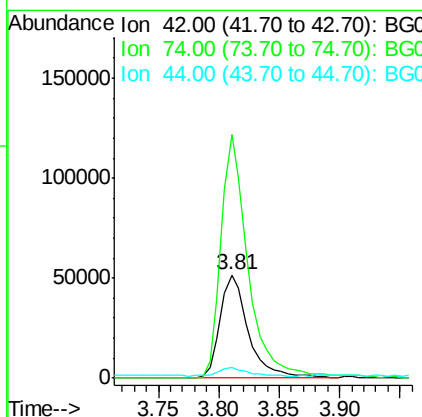
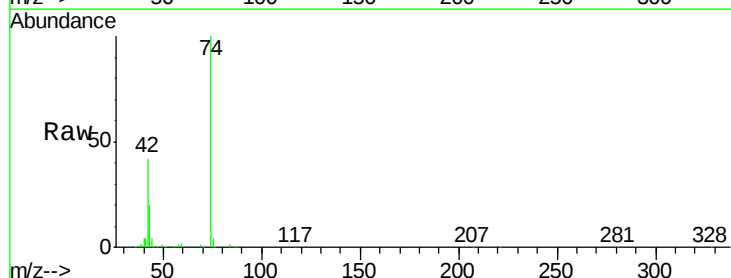
RT: 3.81 min Scan# 123

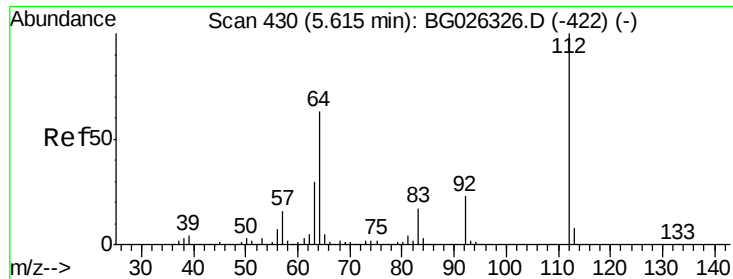
Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Tgt Ion:	42	Resp:	84023
Ion	Ratio	Lower	Upper
42	100		
74	235.3	76.7	115.1#
44	10.5	6.1	9.1#





#5

2-Fluorophenol

Concen: 126.13 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Instrument :

BNA_G

ClientSampleId :

PB97769BS

Tot Ion:112 Resp: 1011564

Ion Ratio Lower Upper

112 100

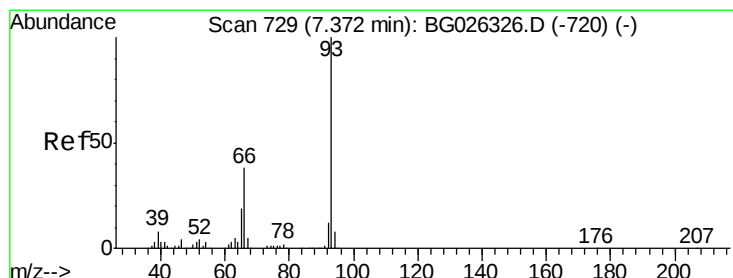
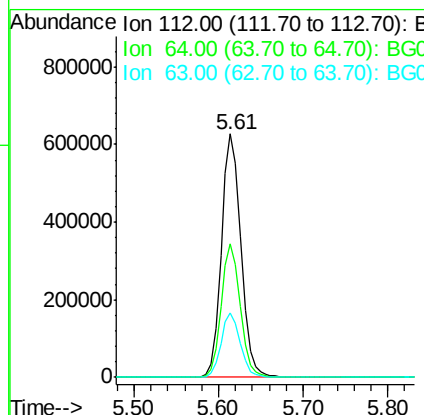
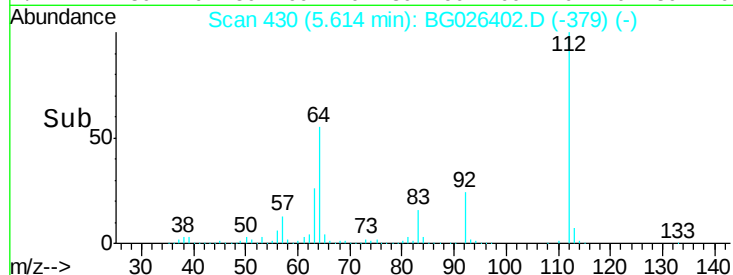
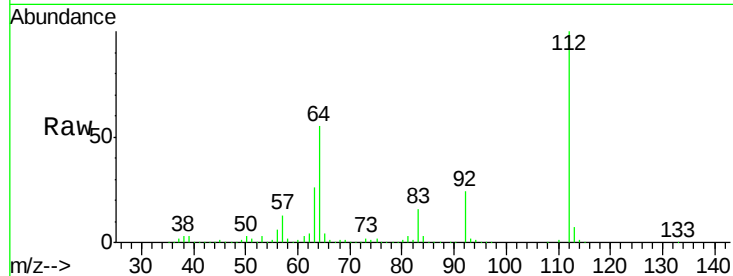
64 54.6 61.8 92.6#

63 26.3 37.2 55.8#

Manual Integrations
APPROVED

mohammad

3/24/2017 12:17:43 PM



#6

Aniline

Concen: 19.90 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

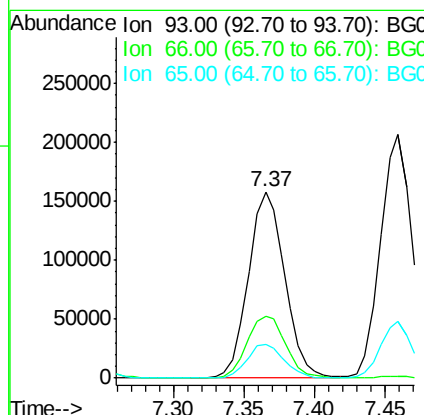
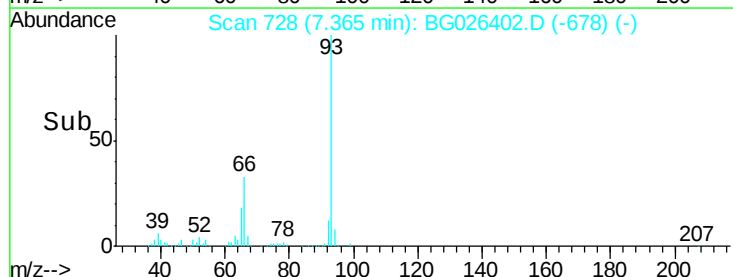
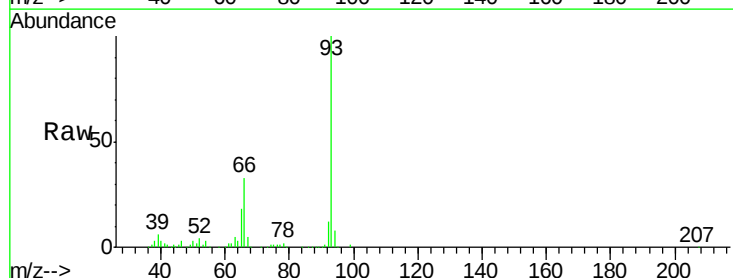
Tgt Ion: 93 Resp: 286162

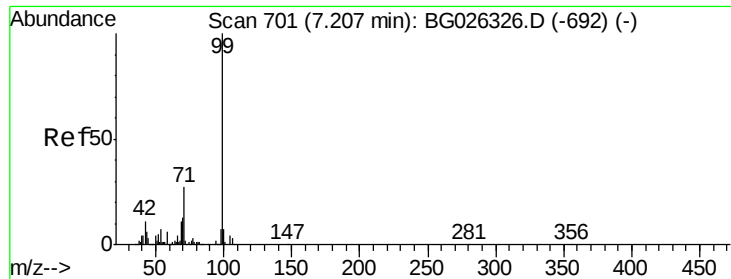
Ion Ratio Lower Upper

93 100

66 33.2 35.4 53.2#

65 18.0 21.2 31.8#





#7

Phenol-d6

Concen: 122.43 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Instrument :

BNA_G

ClientSampleId :

PB97769BS

Tot Ion: 99 Resp: 1318176

Ion Ratio Lower Upper

99 100

42 10.3 20.5 30.7#

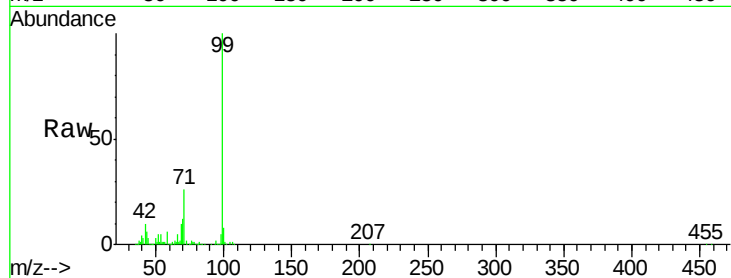
71 25.5 37.6 56.4#

Manual Integrations

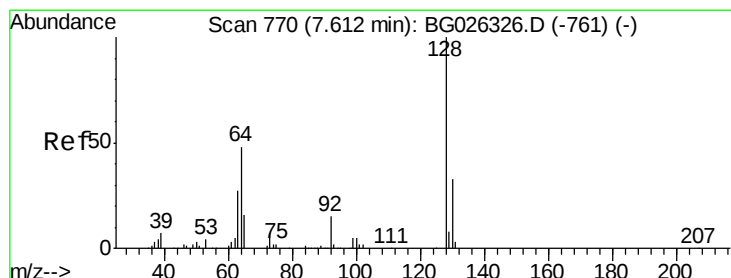
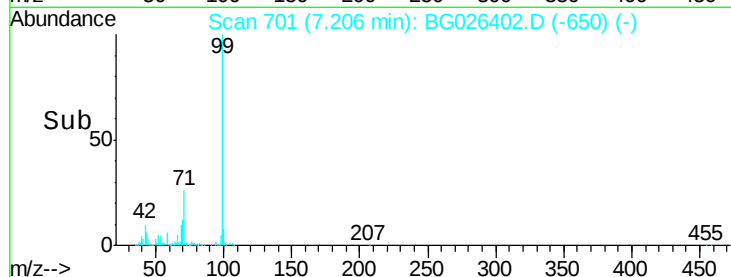
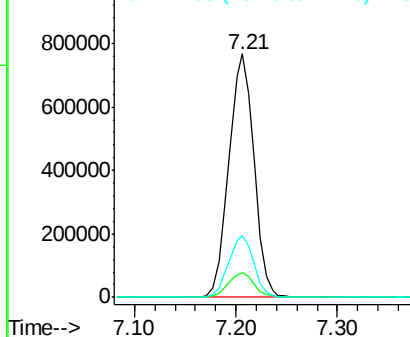
APPROVED

mohammad

3/24/2017 12:17:43 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.58 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

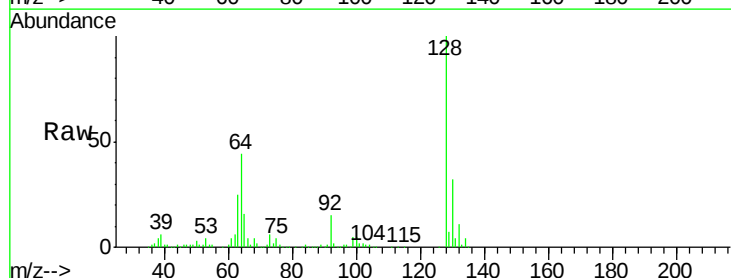
Tgt Ion: 128 Resp: 366442

Ion Ratio Lower Upper

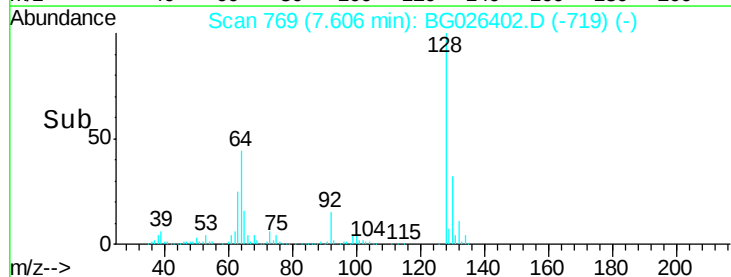
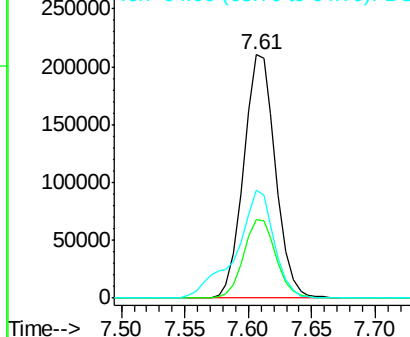
128 100

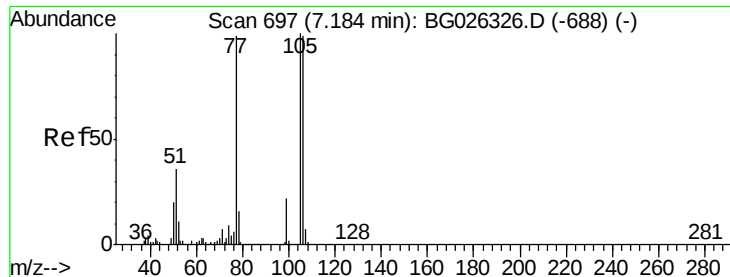
130 32.1 11.4 51.4

64 44.5 46.6 86.6#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 12.73 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Instrument :

BNA_G

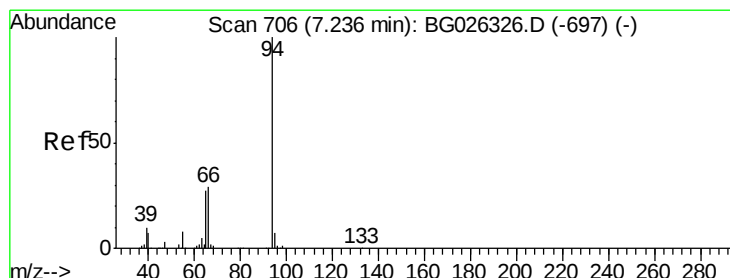
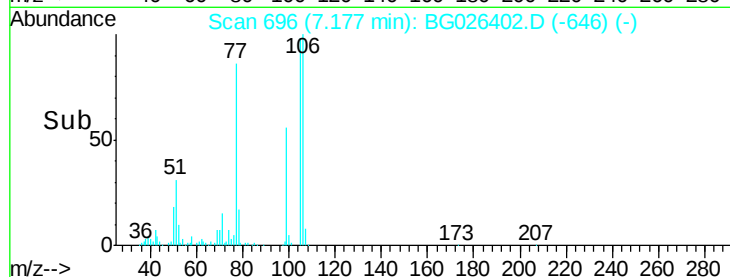
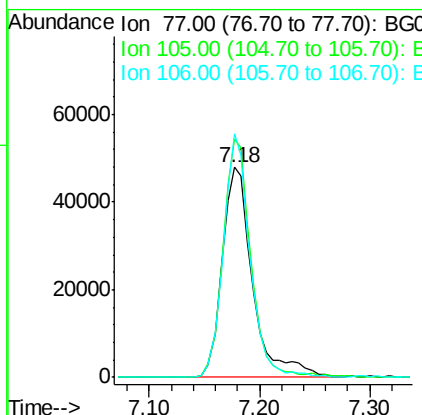
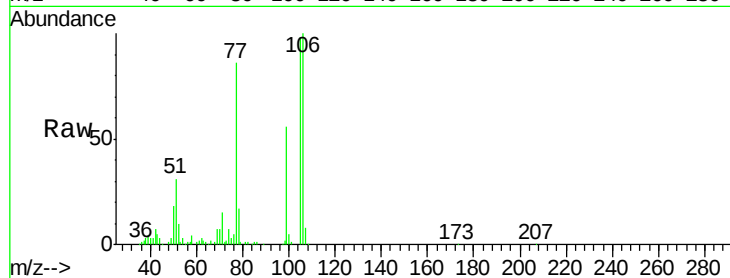
ClientSampleId :

PB97769BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	113.8	60.9	100.9#		
106	115.9	55.1	95.1#		

Manual Integrations
APPROVED

mohammad
3/24/2017 12:17:43 PM



#10

Phenol

Concen: 39.27 ng

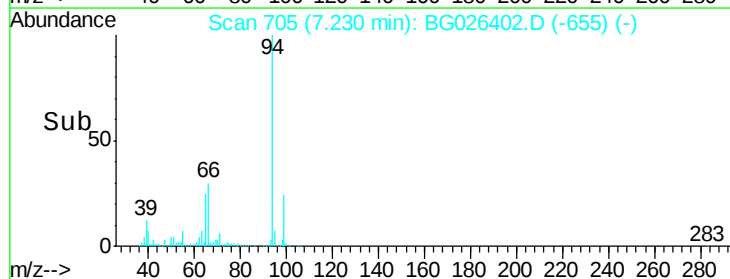
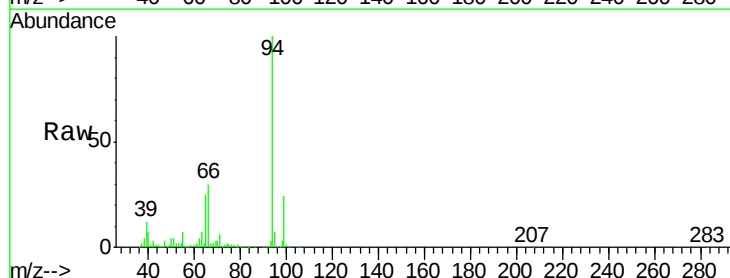
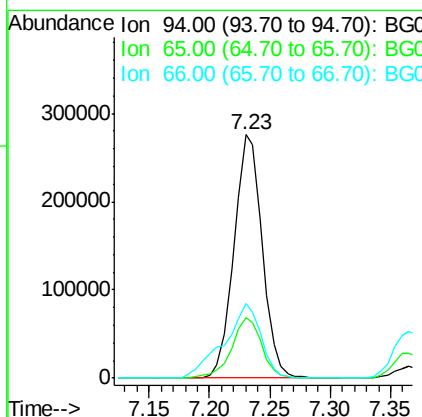
RT: 7.23 min Scan# 705

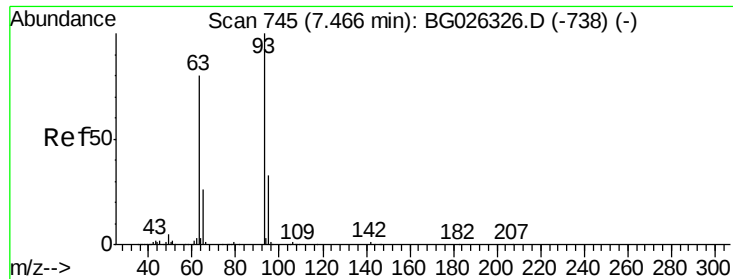
Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	24.9	20.6	60.6		
66	30.4	35.5	75.5#		





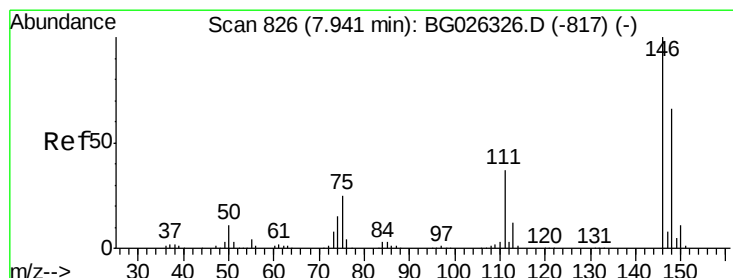
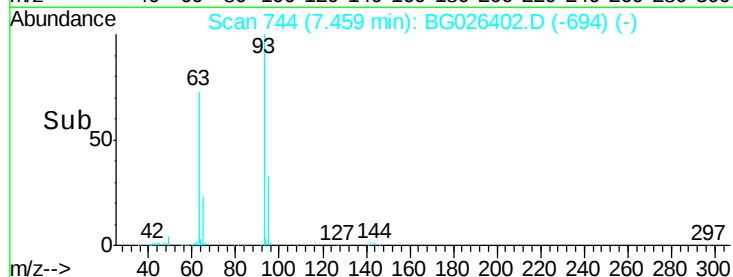
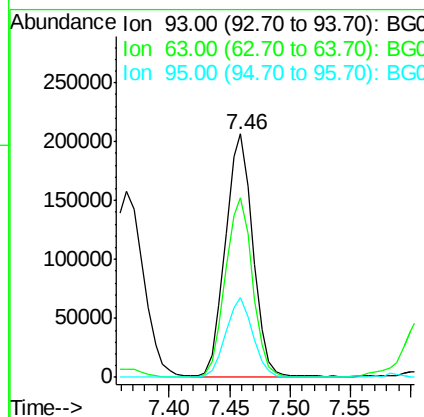
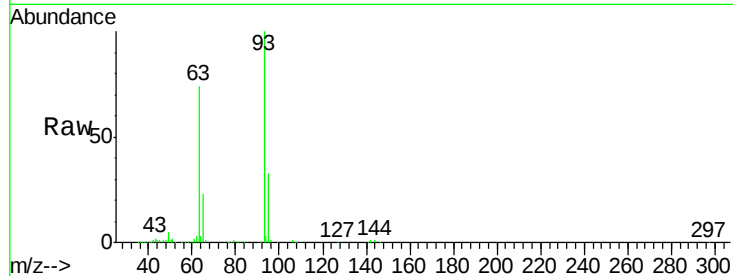
#11
bis(2-Chloroethyl)ether
Concen: 34.29 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	78.5	118.5#
95	32.5	9.8	49.8

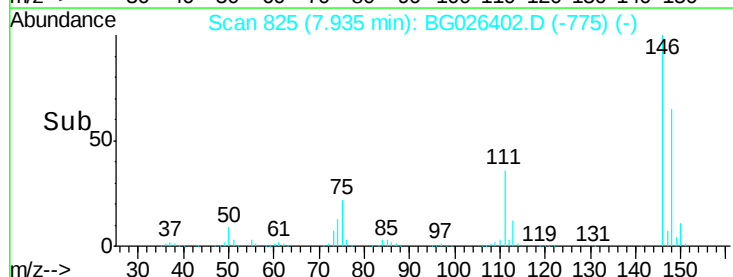
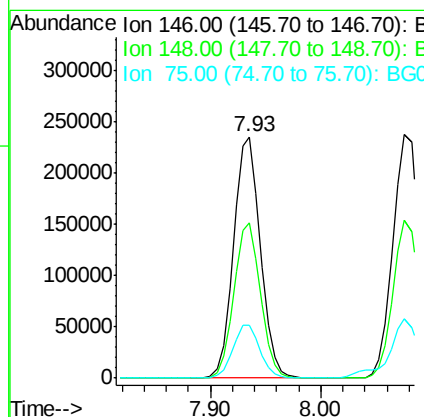
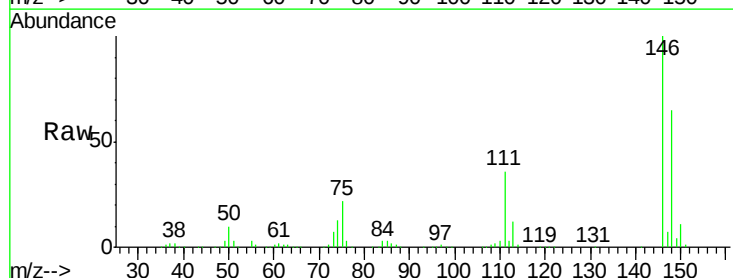
Manual Integrations
APPROVED

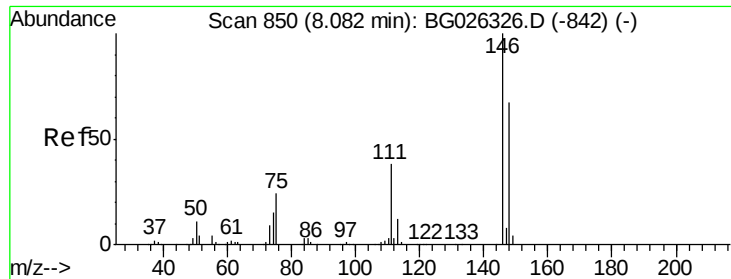
mohammad
3/24/2017 12:17:43 PM



#12
1,3-Dichlorobenzene
Concen: 37.18 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.2	73.8
75	21.7	33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 37.34 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Instrument :

BNA_G

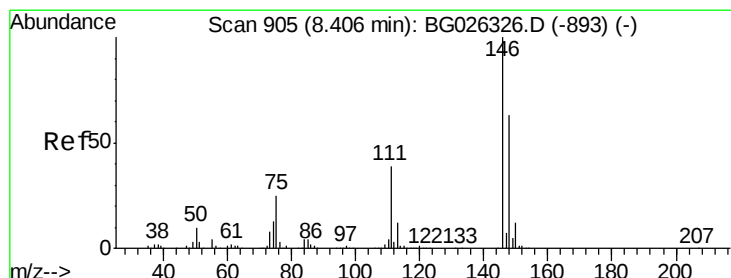
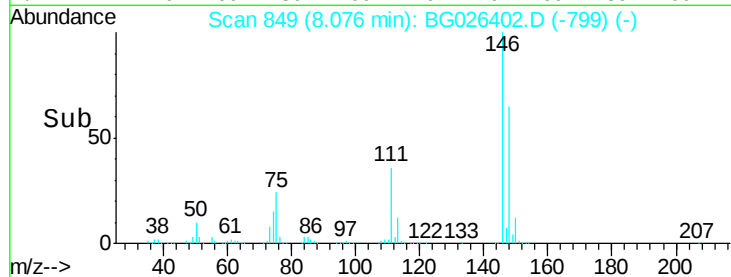
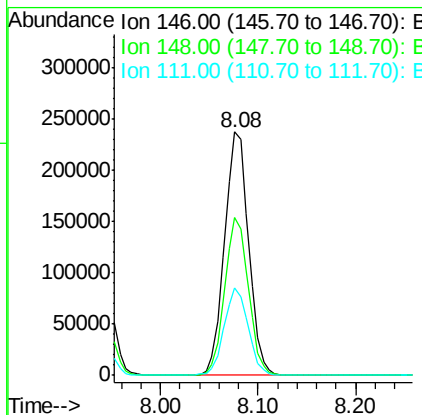
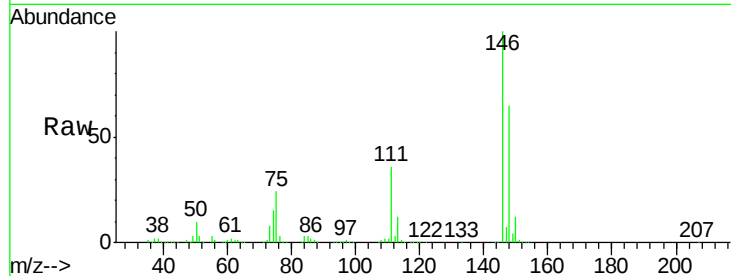
ClientSampleId :

PB97769BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
111	35.8	37.0	55.6

Manual Integrations
APPROVED

mohammad
3/24/2017 12:17:43 PM



#14

1,2-Dichlorobenzene

Concen: 36.91 ng

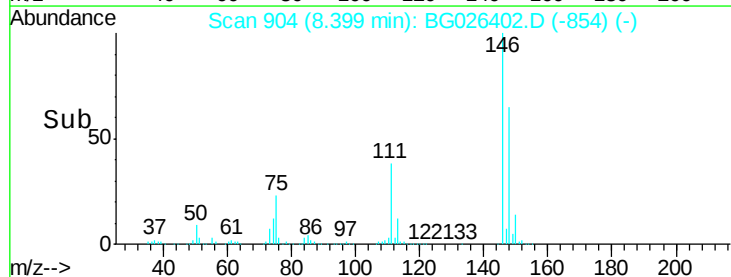
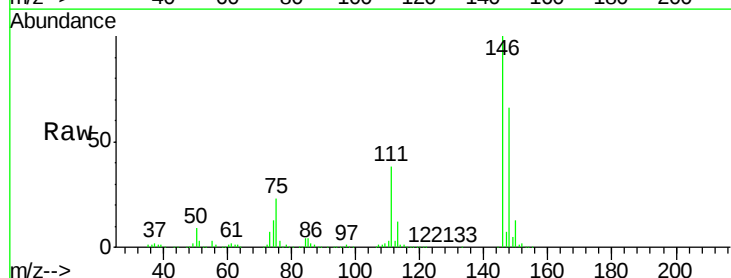
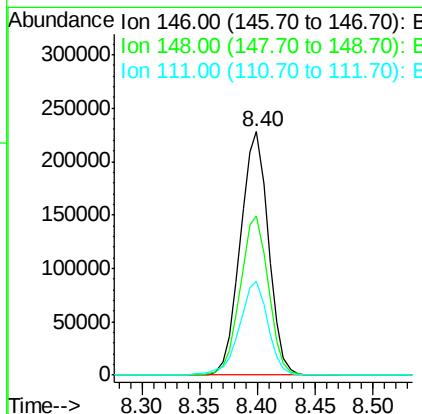
RT: 8.40 min Scan# 904

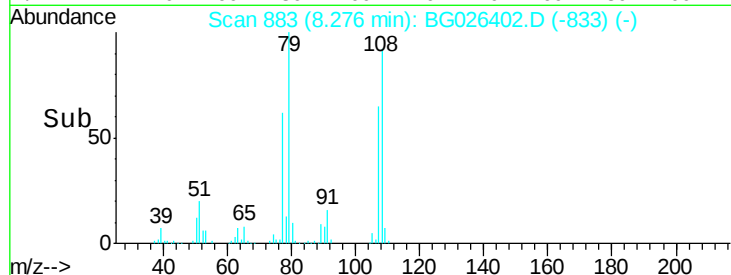
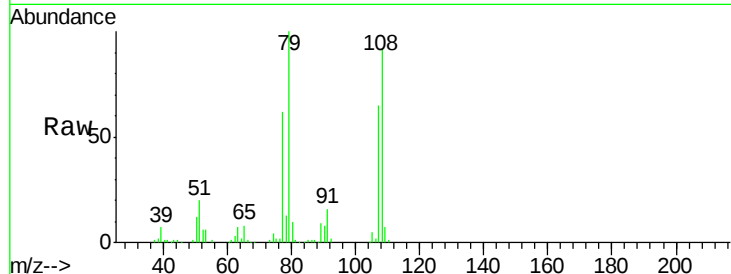
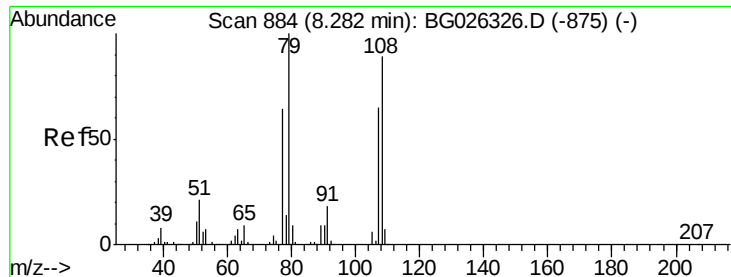
Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	54.6	81.8
111	38.3	39.7	59.5





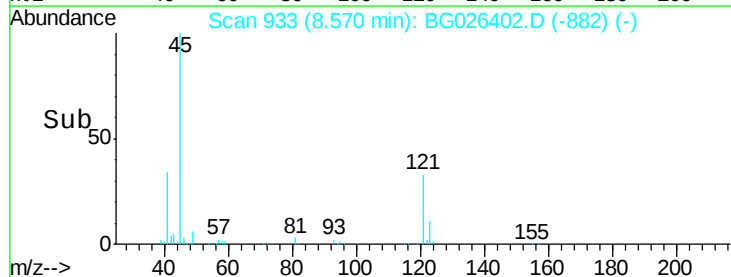
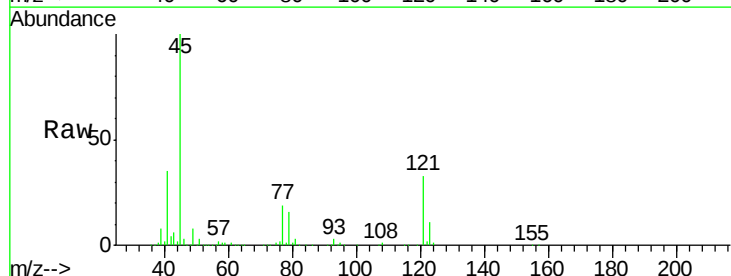
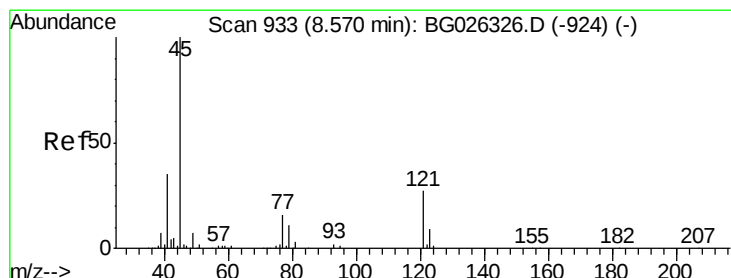
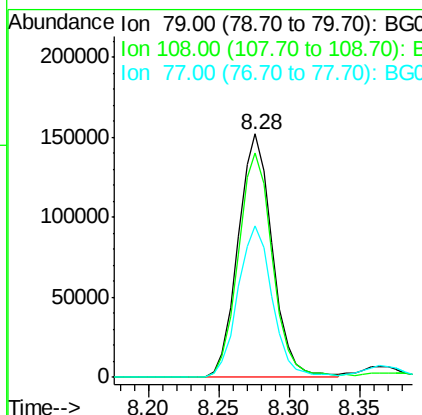
#15
Benzyl Alcohol
Concen: 36.59 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	92.2	45.5	68.3	
77	62.0	54.3	81.5	

Instrument :
BNA_G
ClientSampleId :
PB97769BS

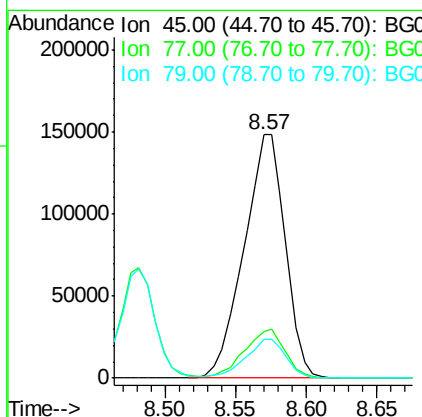
Manual Integrations
APPROVED

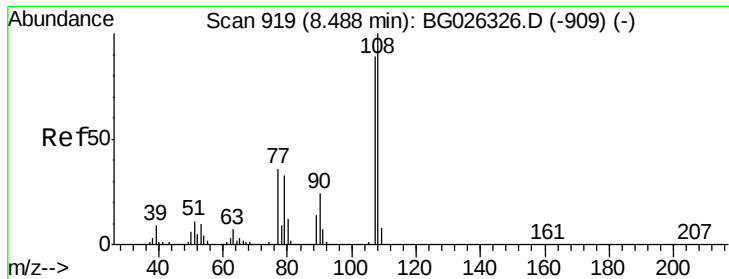
mohammad
3/24/2017 12:17:43 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.87 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	19.3	0.0	30.6	
79	16.2	0.0	28.5	





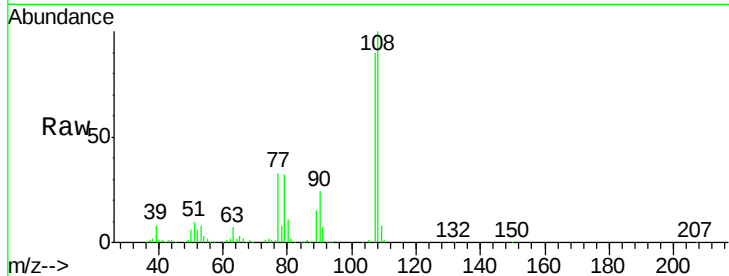
#17
2-Methylphenol
Concen: 38.13 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	85.6	128.4	
77	36.4	51.4	77.2#	
79	35.9	49.2	73.8#	

Manual Integrations
APPROVED

mohammad
3/24/2017 12:17:43 PM



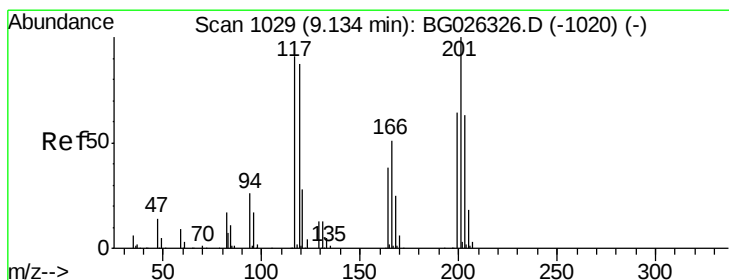
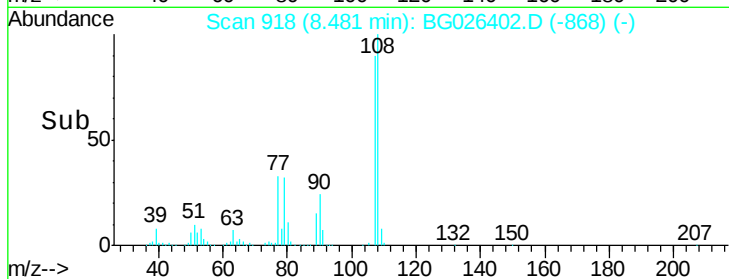
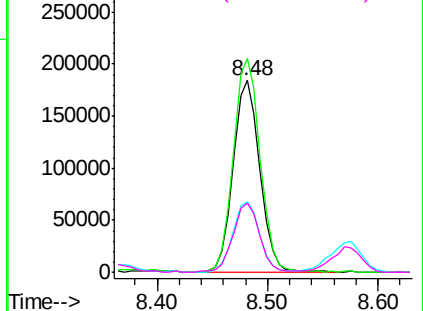
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

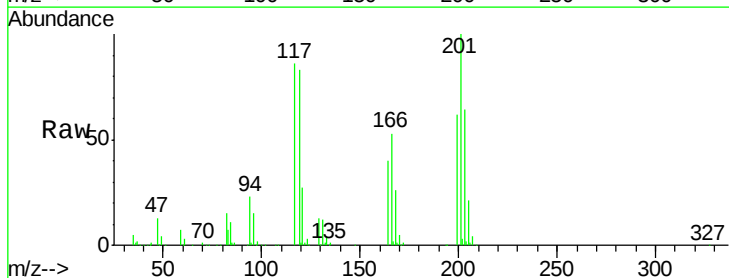
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.15 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	69.8	104.6	
201	116.0	95.4	143.0	

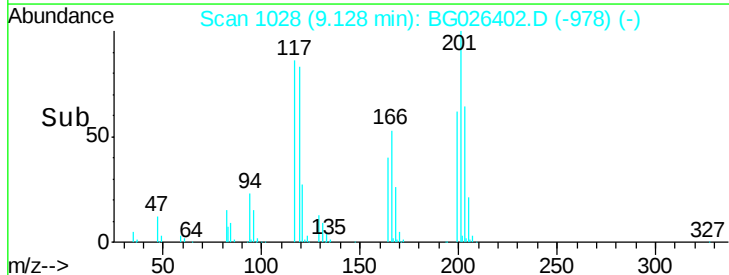
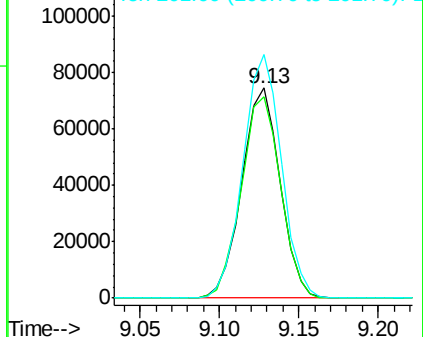


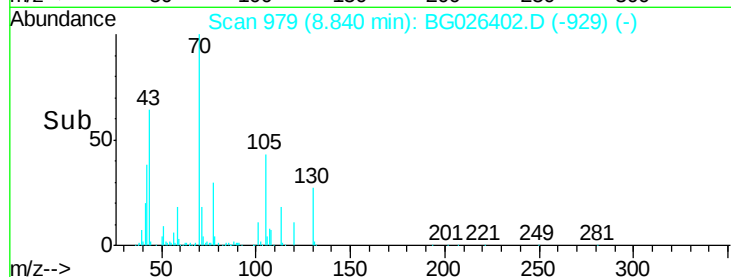
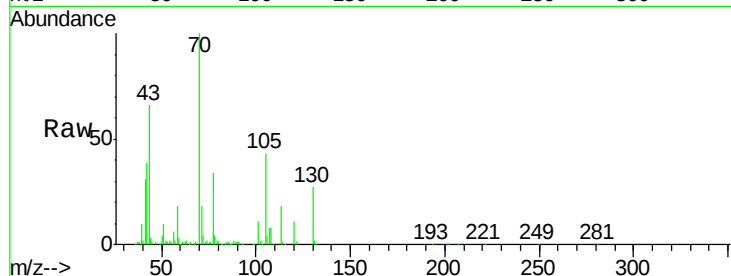
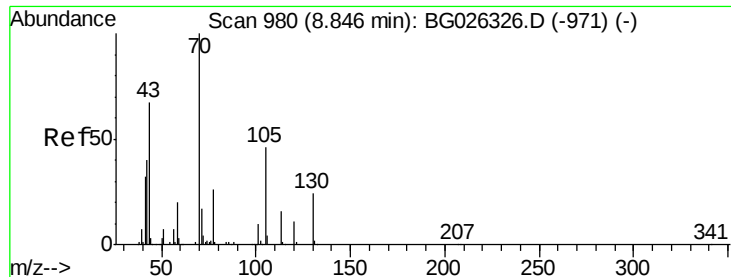
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





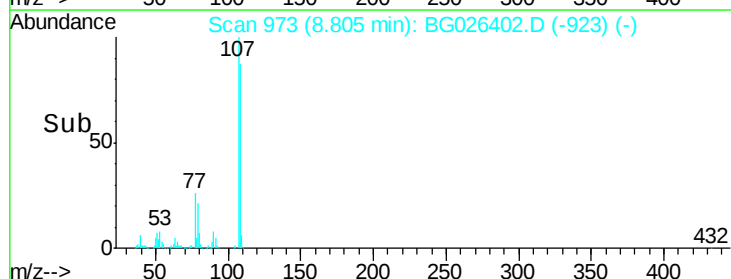
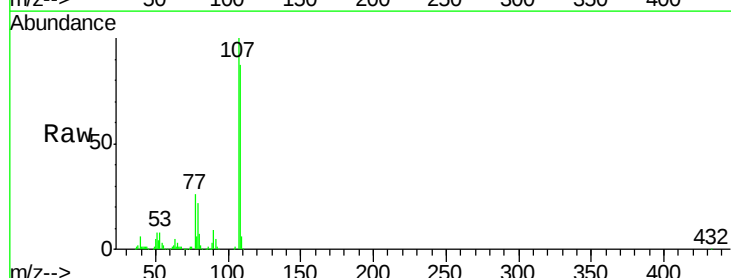
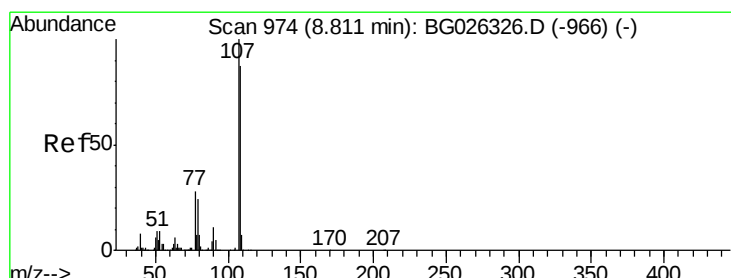
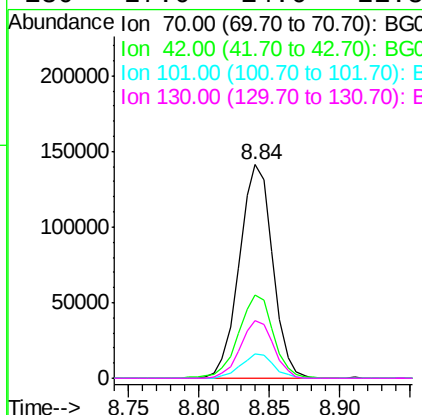
#19
n-Nitroso-di-n-propylamine
Concen: 33.73 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	39.0	56.1	84.1#	
101	11.5	7.5	11.3#	
130	27.0	14.6	21.8#	

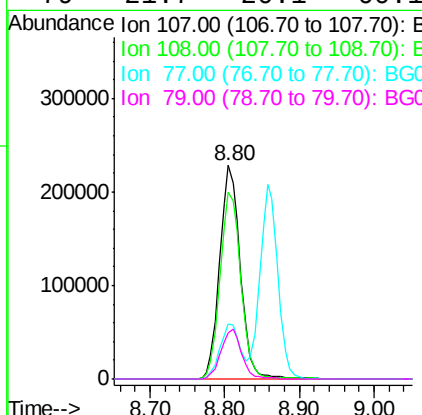
Manual Integrations
APPROVED

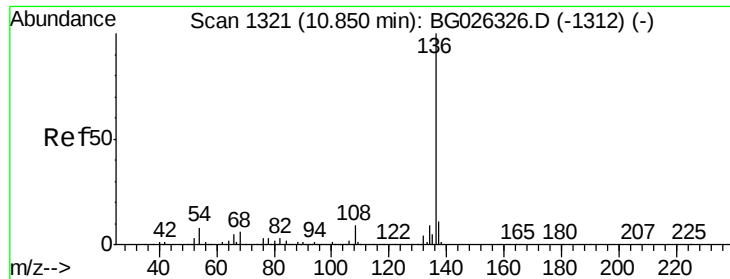
mohammad
3/24/2017 12:17:43 PM



#20
3+4-Methylphenols
Concen: 38.90 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	70.8	110.8	
77	26.1	25.8	65.8	
79	21.7	20.1	60.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Instrument :

BNA_G

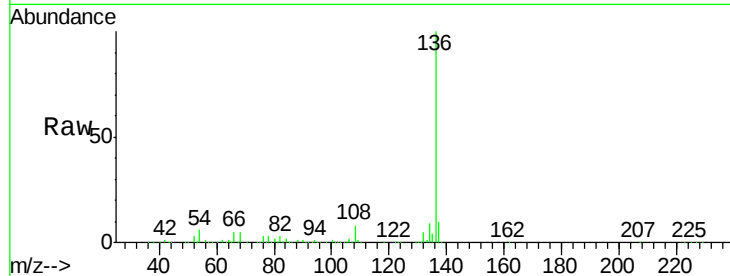
ClientSampleId :

PB97769BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	587089		
137	10.4		8.9	13.3
54	6.1		9.3	13.9
68	5.2		5.1	7.7

Manual Integrations
APPROVED

mohammad
3/24/2017 12:17:43 PM



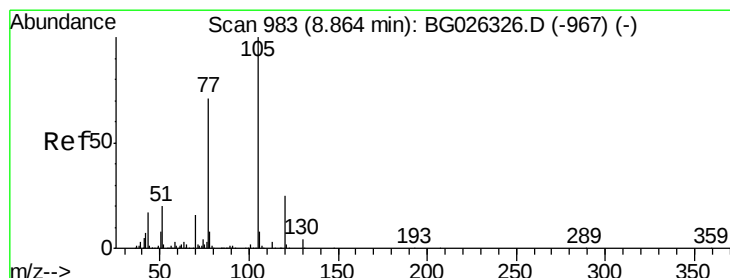
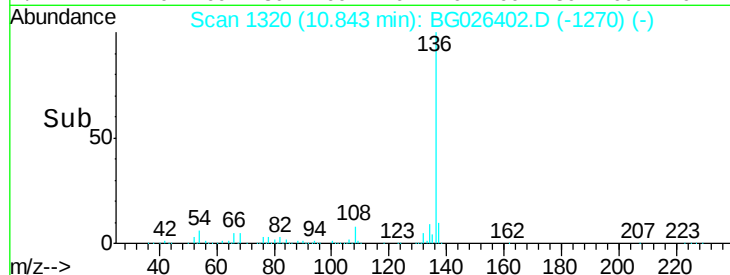
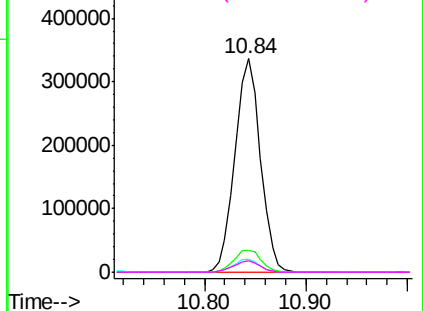
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 36.89 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	498003		
71	2.2		0.9	1.3
51	18.3		34.0	51.0
120	25.7		17.3	25.9

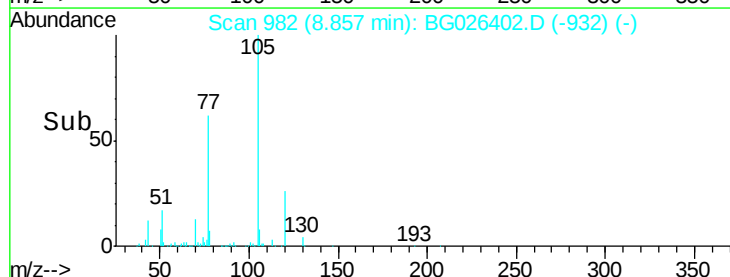
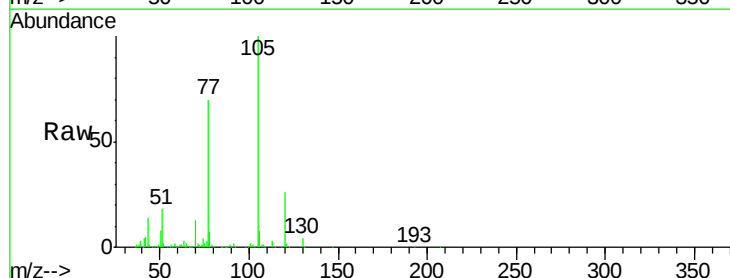
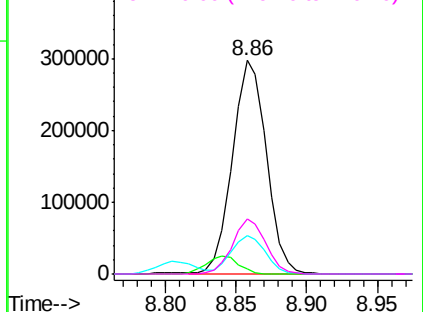
Abundance

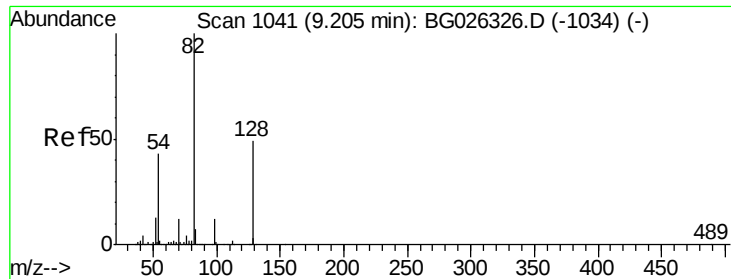
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





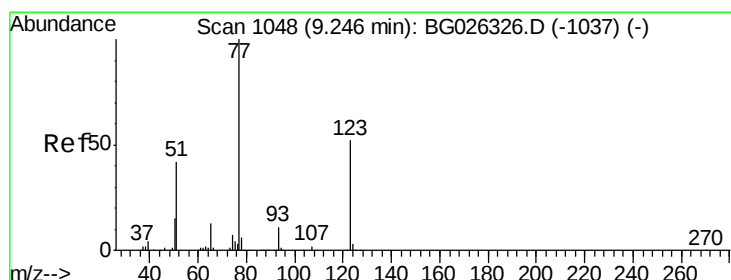
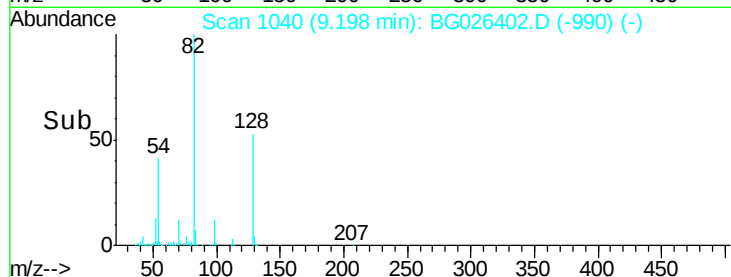
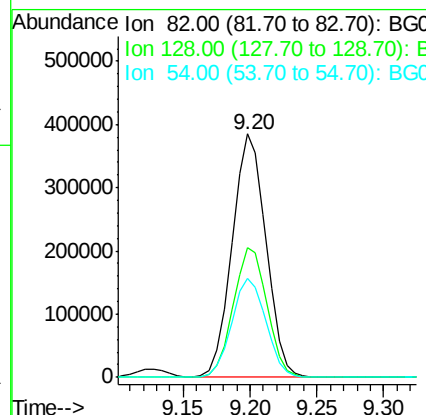
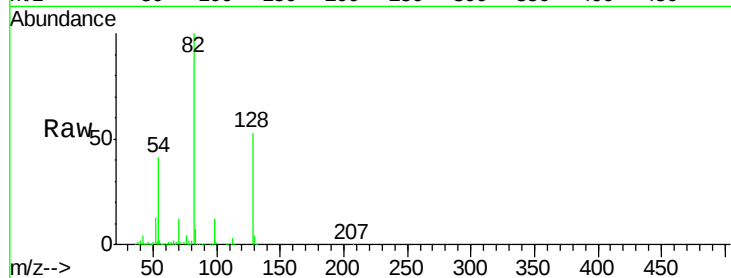
#23
 Nitrobenzene-d5
 Concen: 69.43 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Instrument :
 BNA_G
 ClientSampleID :
 PB97769BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.2	26.4	39.6#
54	40.6	49.4	74.2#

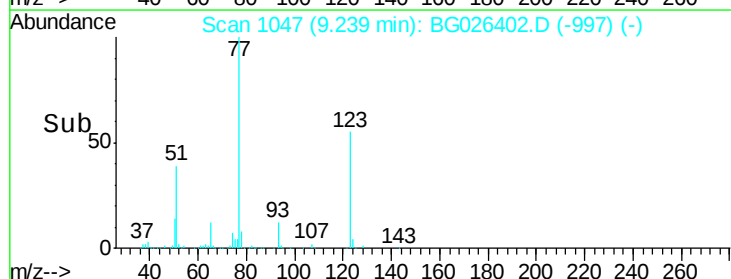
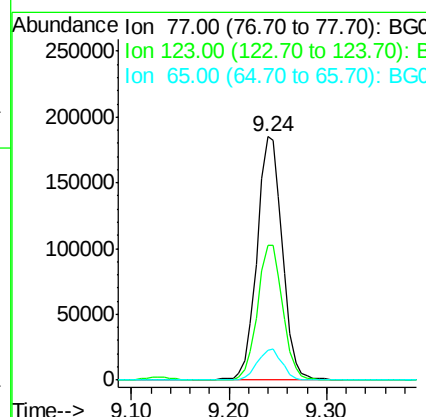
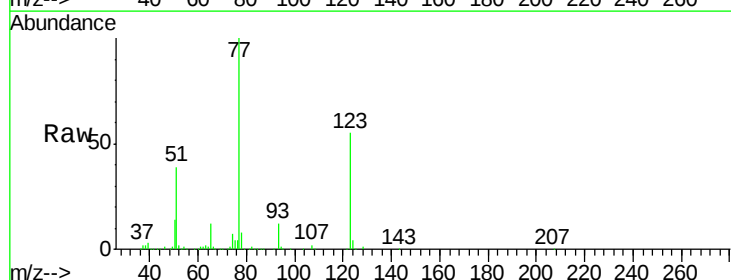
Manual Integrations
 APPROVED

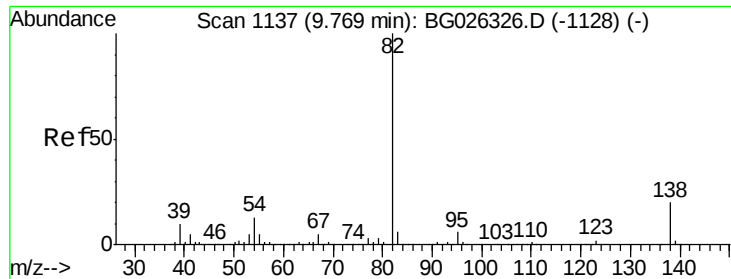
mohammad
 3/24/2017 12:17:43 PM



#24
 Nitrobenzene
 Concen: 35.04 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.3	26.1	39.1#
65	12.0	12.4	18.6#





#25

Isophorone

Concen: 36.39 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Instrument :

BNA_G

ClientSampleId :

PB97769BS

Tot Ion: 82 Resp: 669587
Ion Ratio Lower Upper

82 100

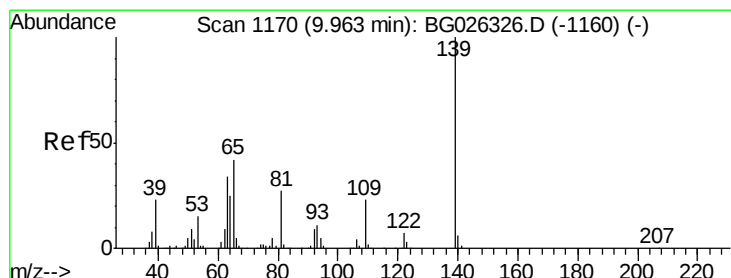
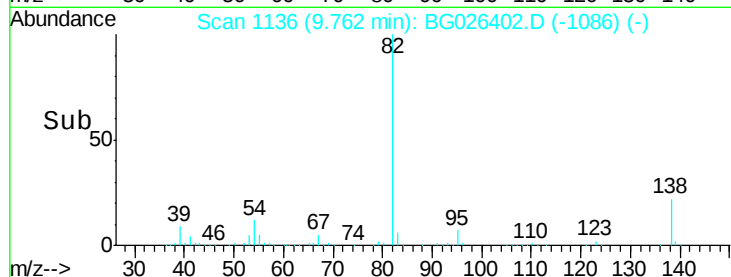
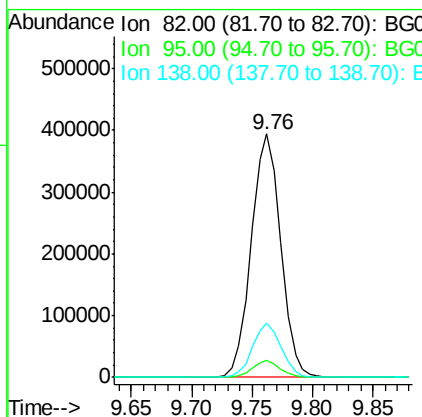
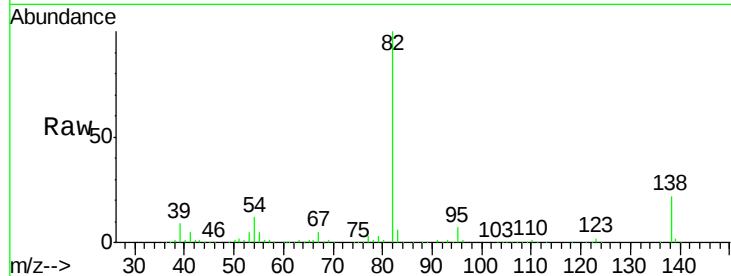
95 6.8 7.5 11.3#

138 22.2 12.3 18.5#

Manual Integrations
APPROVED

mohammad

3/24/2017 12:17:43 PM



#26

2-Nitrophenol

Concen: 40.75 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG026402.D

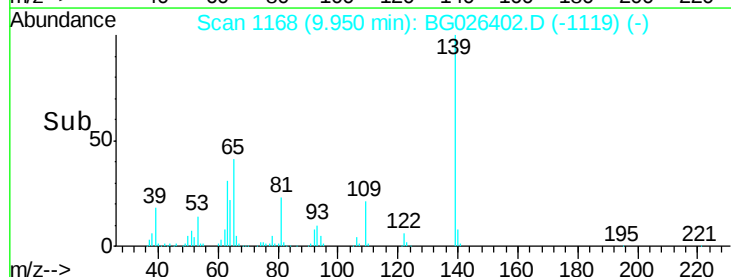
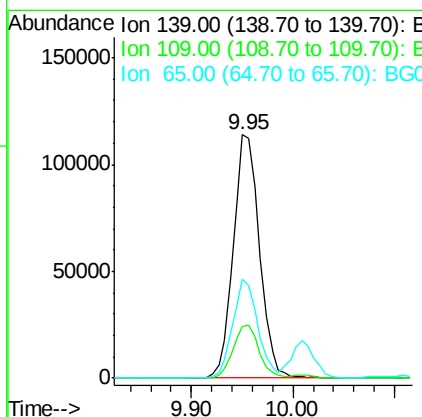
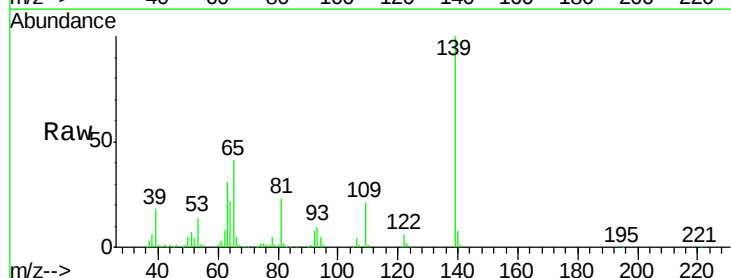
Acq: 23 Mar 2017 14:38

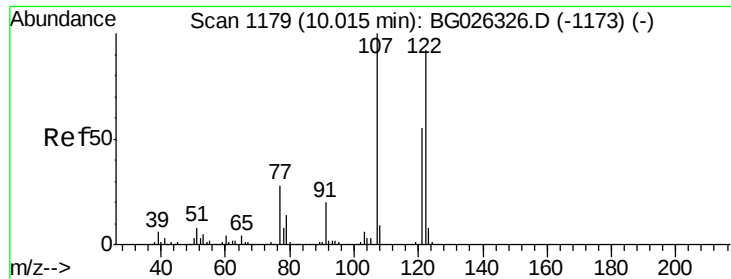
Tgt Ion: 139 Resp: 204403
Ion Ratio Lower Upper

139 100

109 21.4 38.6 58.0#

65 40.7 57.1 85.7#





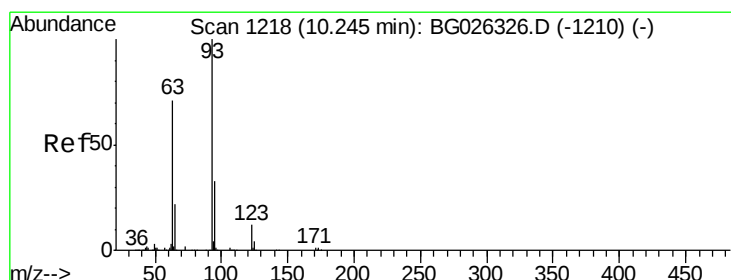
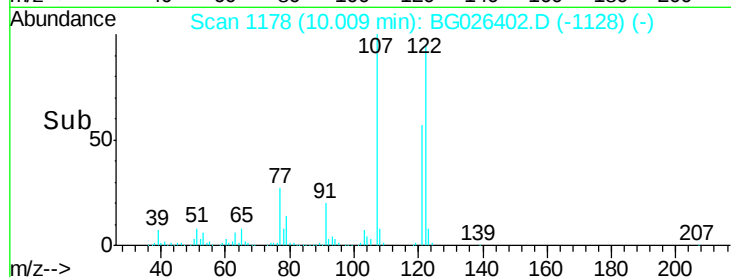
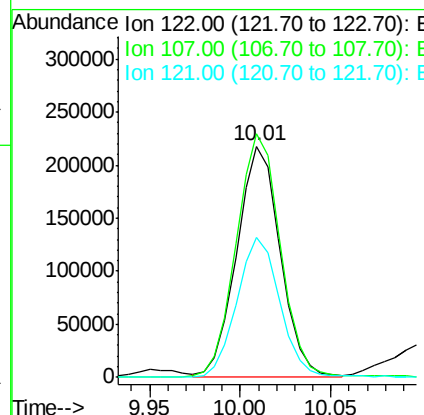
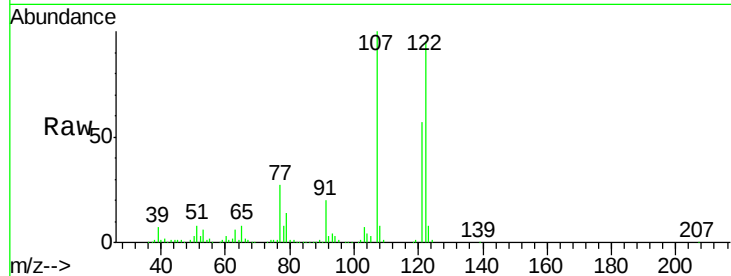
#27
2,4-Dimethylphenol
Concen: 43.86 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	105.3	104.2	156.4		
121	60.4	46.0	69.0		

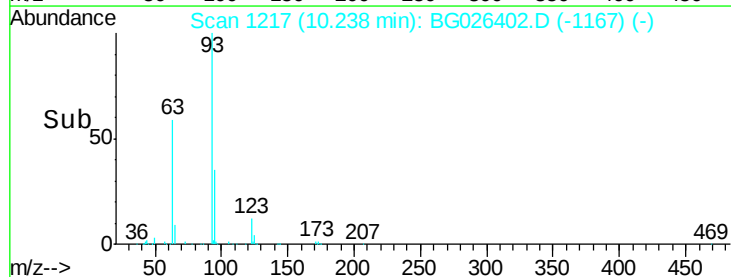
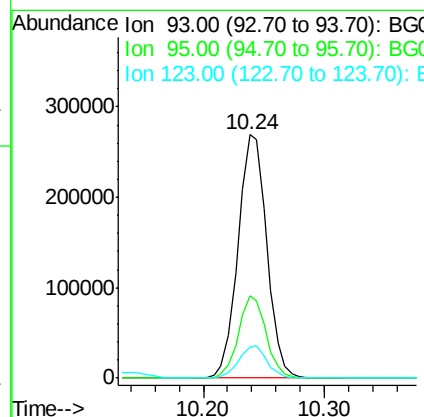
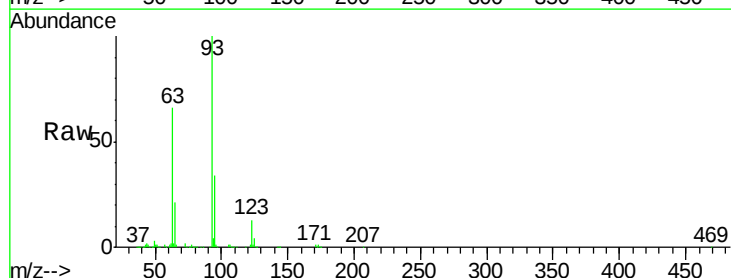
Manual Integrations
APPROVED

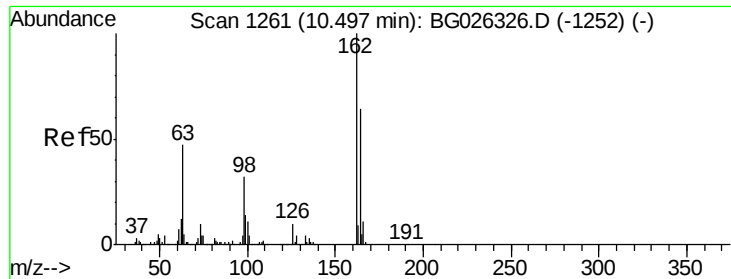
mohammad
3/24/2017 12:17:43 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.45 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.8	25.7	38.5		
123	12.9	8.3	12.5#		





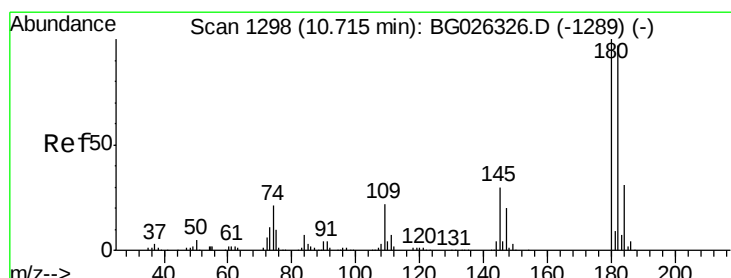
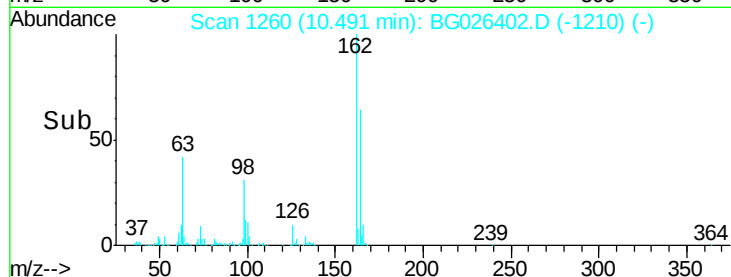
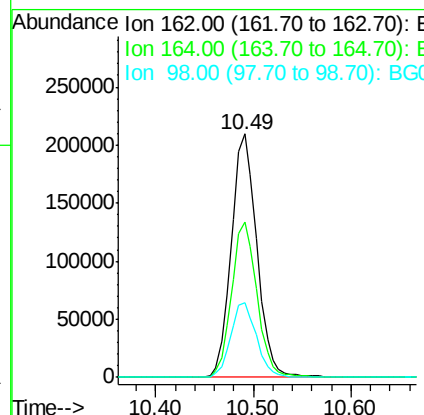
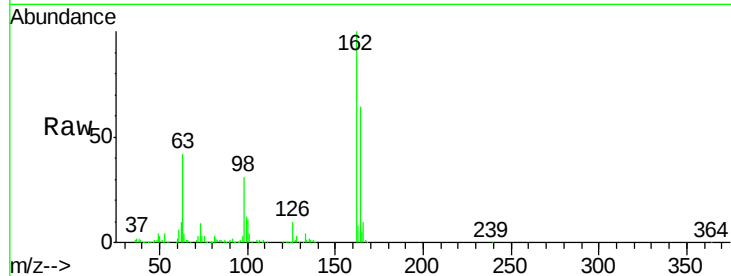
#29
 2,4-Dichlorophenol
 Concen: 45.77 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Instrument :
 BNA_G
 ClientSampleID :
 PB97769BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	381110		
164	64.0	42.4	82.4	
98	30.6	20.3	60.3	

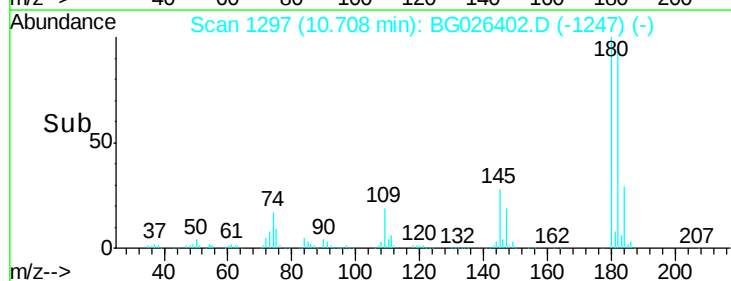
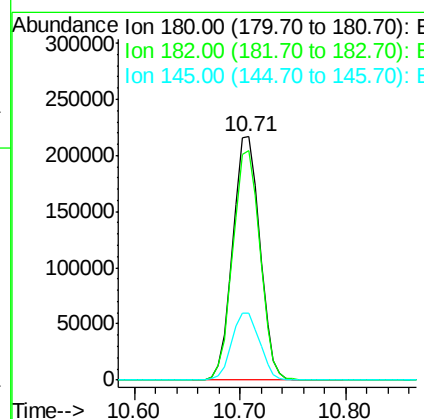
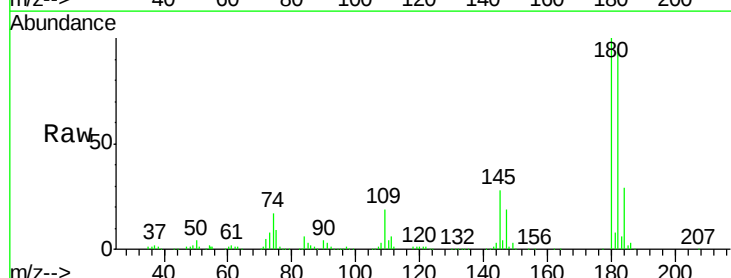
Manual Integrations
 APPROVED

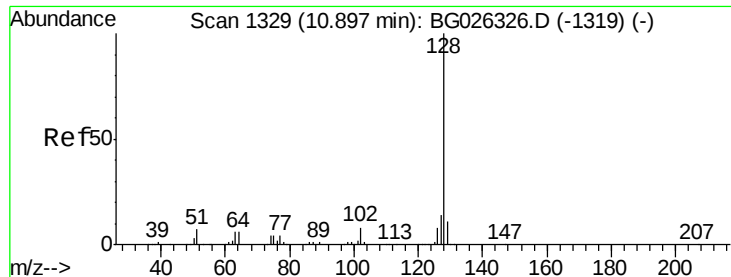
mohammad
 3/24/2017 12:17:43 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.06 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	384099		
182	94.5	77.0	115.4	
145	27.6	23.4	35.0	





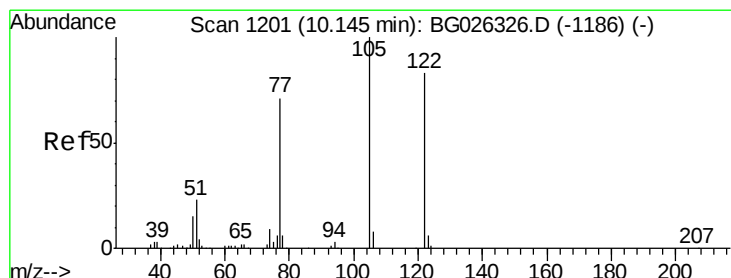
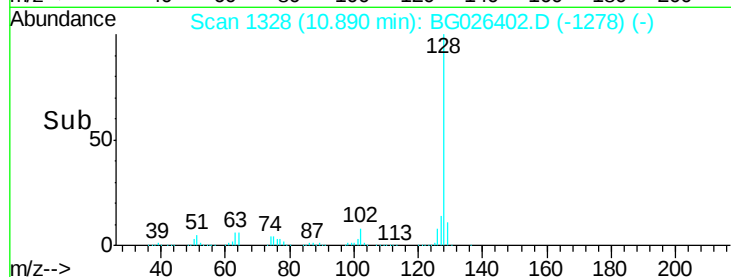
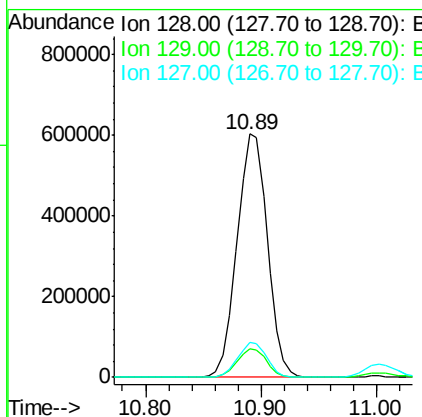
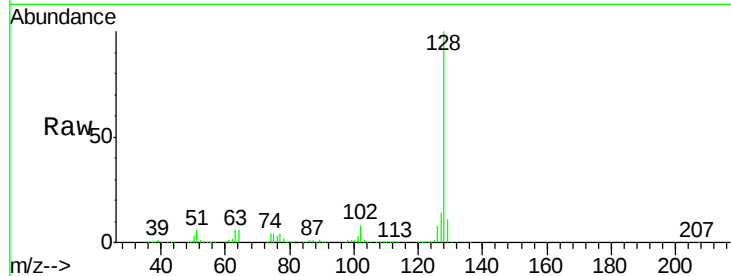
#31
Naphthalene
Concen: 37.03 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.4	11.4	17.0

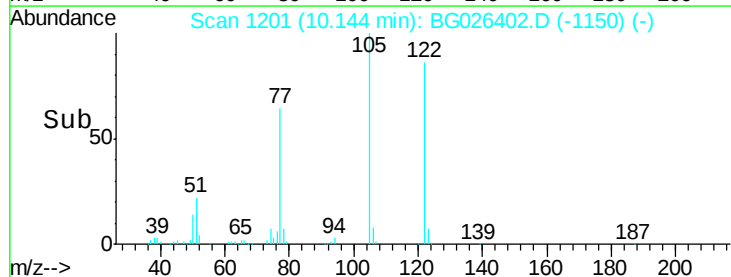
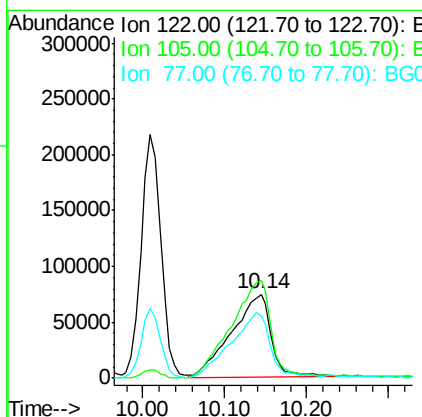
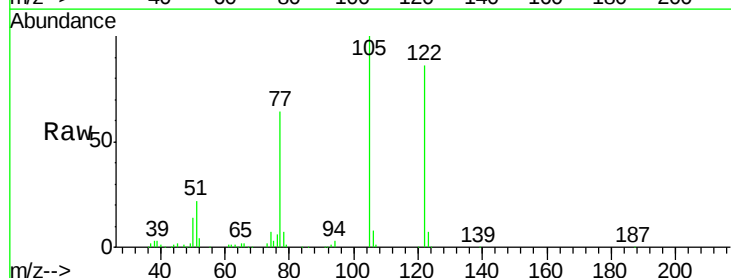
Manual Integrations
APPROVED

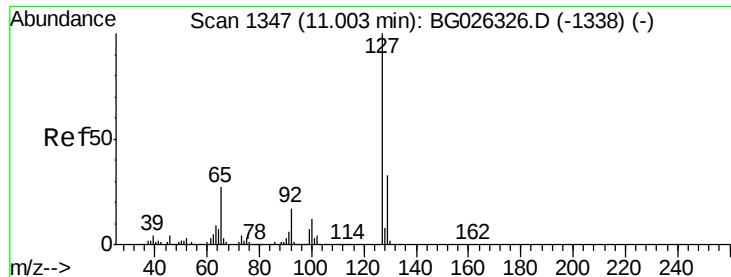
mohammad
3/24/2017 12:17:43 PM



#32
Benzoic acid
Concen: 38.95 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.4	120.1	160.1#
77	74.5	104.6	144.6#





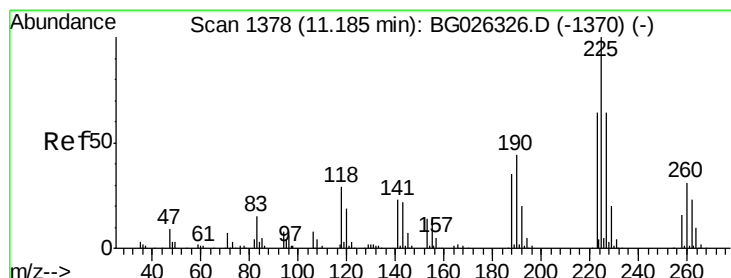
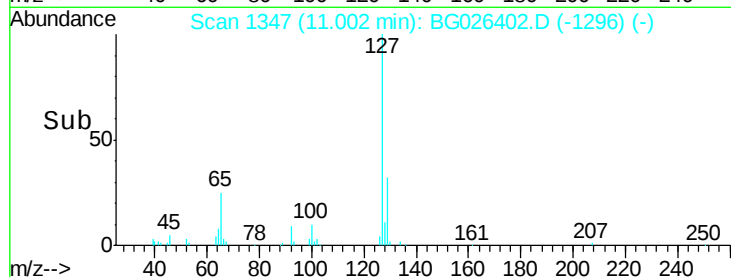
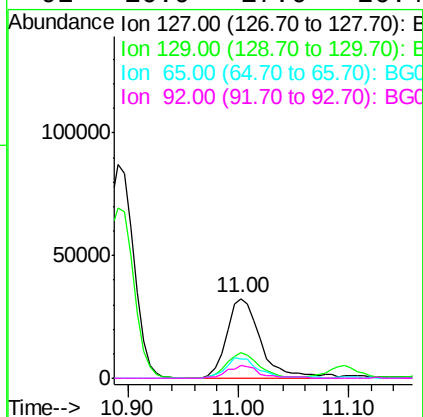
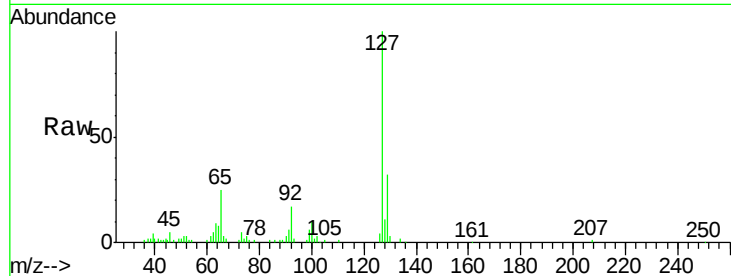
#33
4-Chloroaniline
Concen: 5.81 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	23.6	35.4
65	24.7	37.7	56.5#
92	16.9	17.6	26.4#

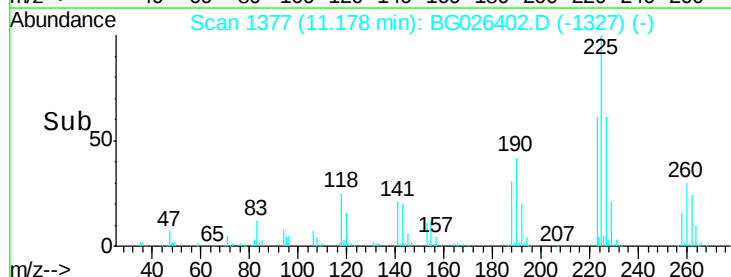
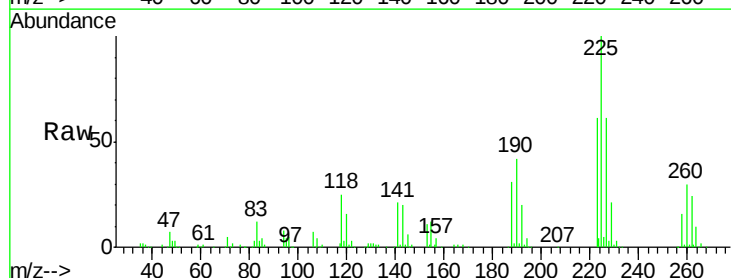
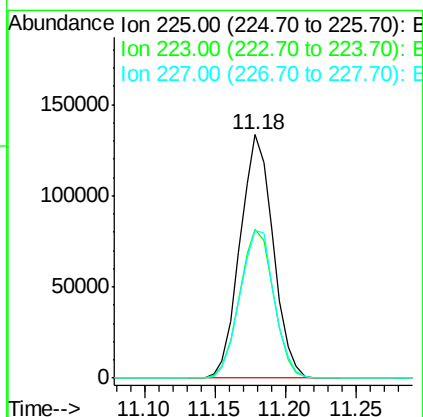
Manual Integrations
APPROVED

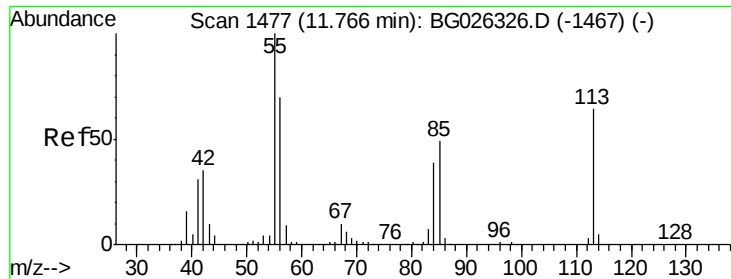
mohammad
3/24/2017 12:17:43 PM



#34
Hexachlorobutadiene
Concen: 39.69 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.7	76.1
227	60.6	49.0	73.6





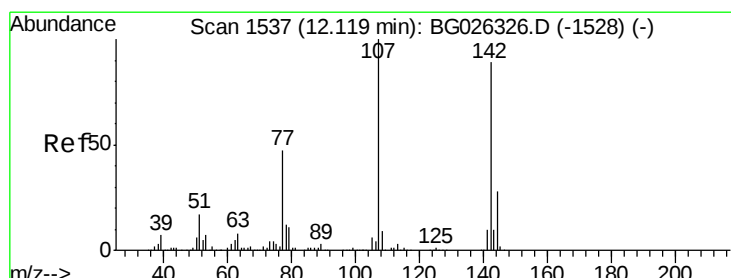
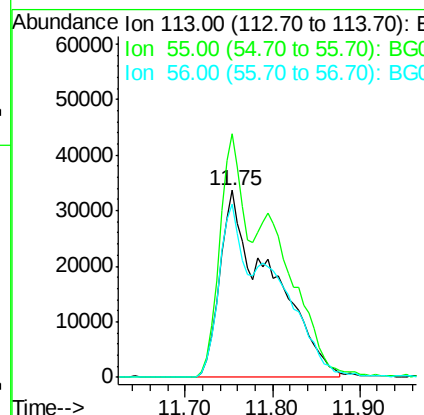
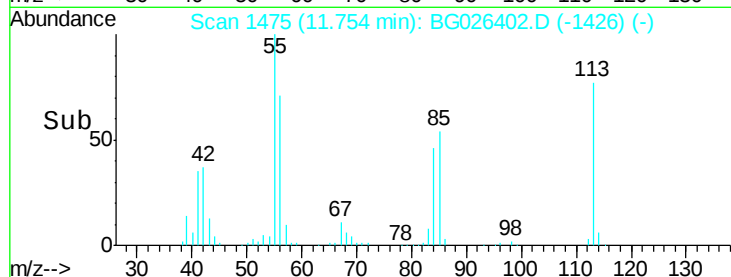
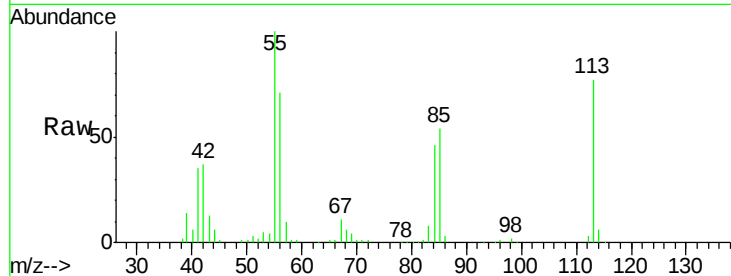
#35
Caprolactam
Concen: 41.79 ng/ml
RT: 11.75 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	130.1	198.6	238.6#
56	92.9	140.4	180.4#

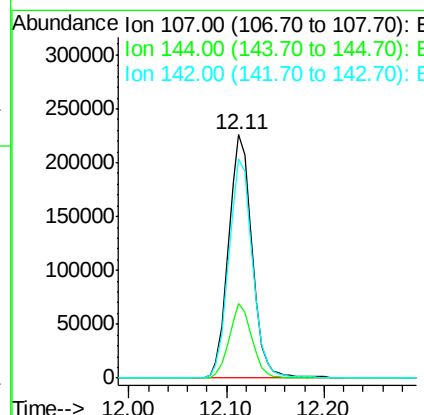
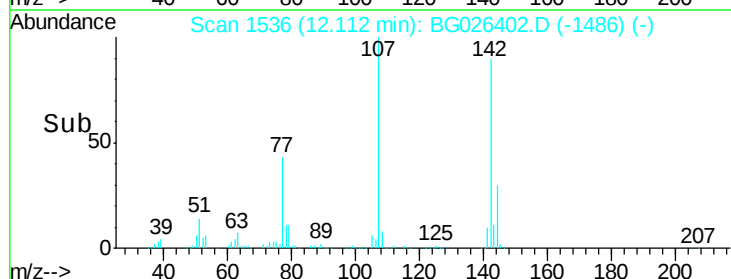
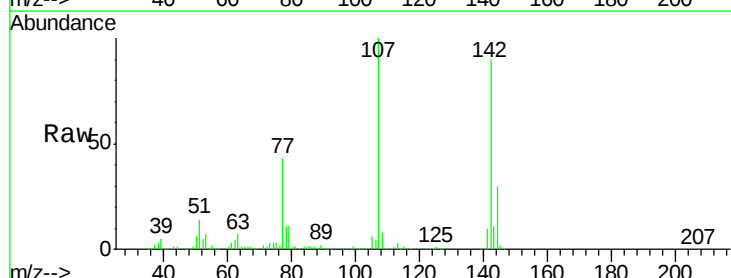
Manual Integrations
APPROVED

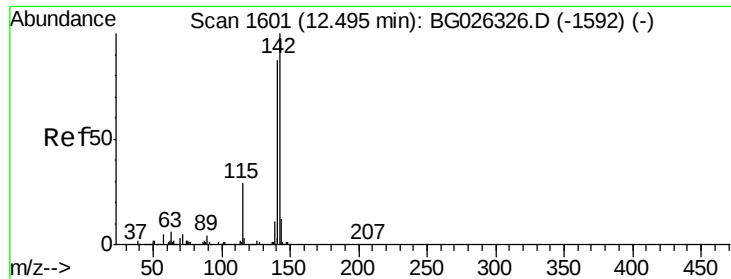
mohammad
3/24/2017 12:17:43 PM



#36
4-Chloro-3-methylphenol
Concen: 42.61 ng/ml
RT: 12.11 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	30.5	17.4	26.0#
142	89.8	54.1	81.1#





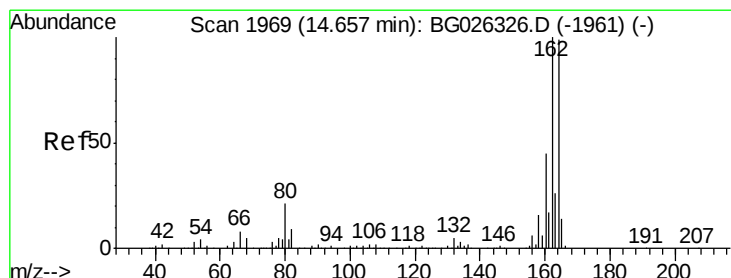
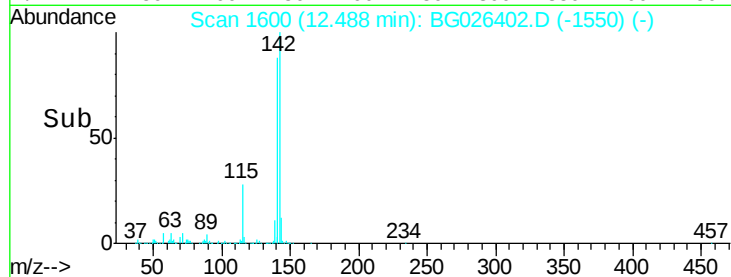
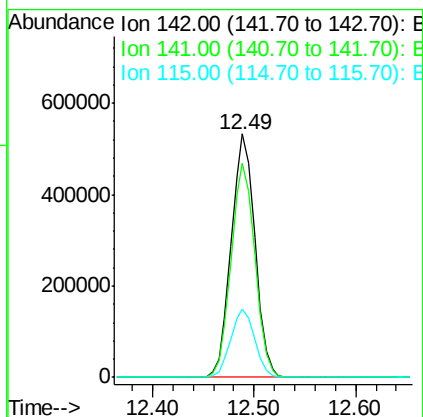
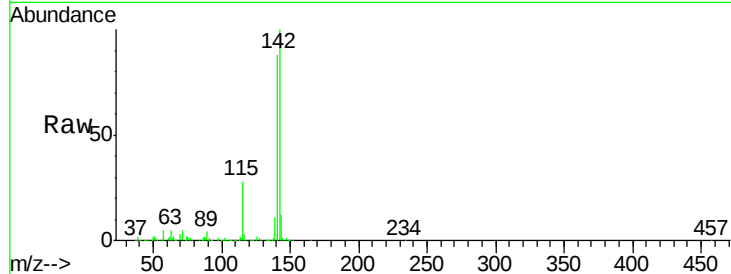
#37
2-Methylnaphthalene
Concen: 39.83 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	27.8	35.5	53.3

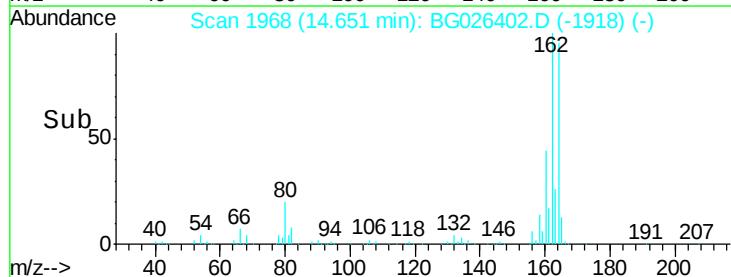
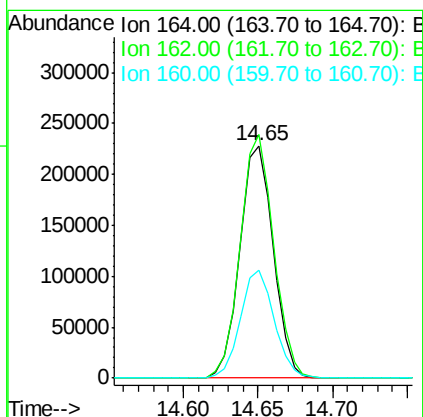
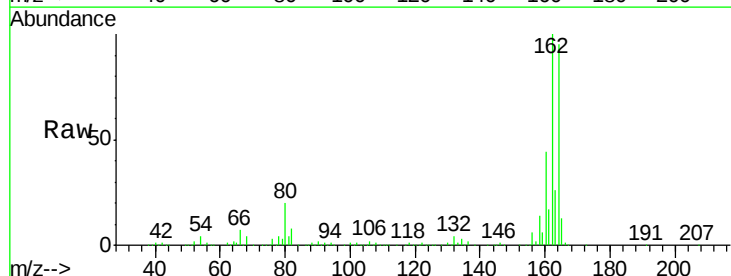
Manual Integrations
APPROVED

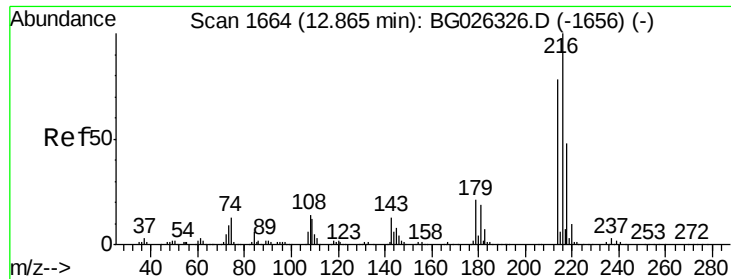
mohammad
3/24/2017 12:17:43 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.1	127.7
160	46.4	34.7	52.1





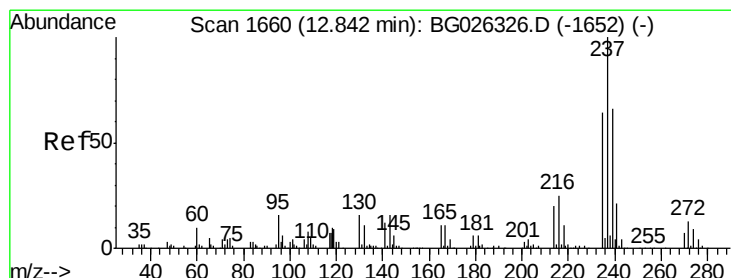
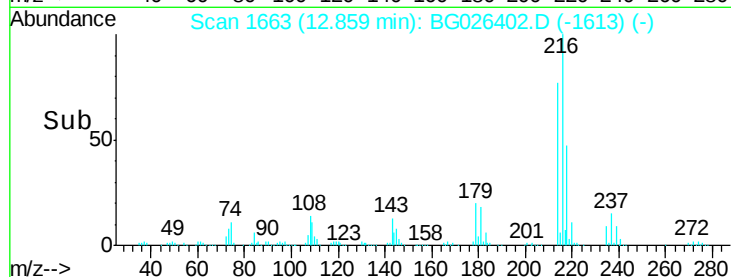
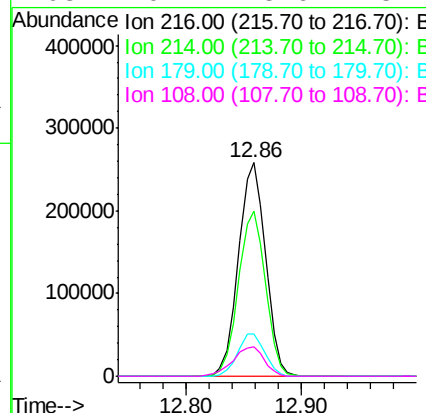
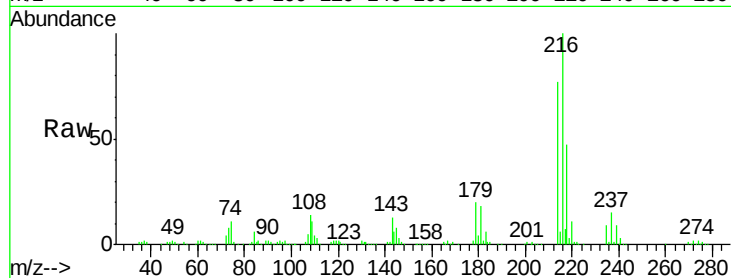
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.29 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB97769BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.3	64.4	96.6	
179	20.0	17.4	26.0	
108	16.2	15.6	23.4	

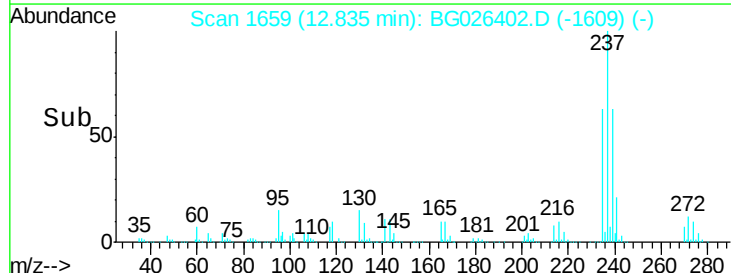
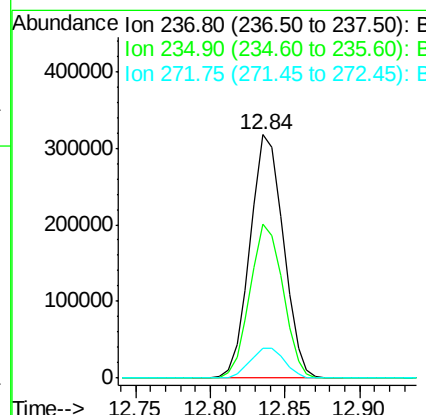
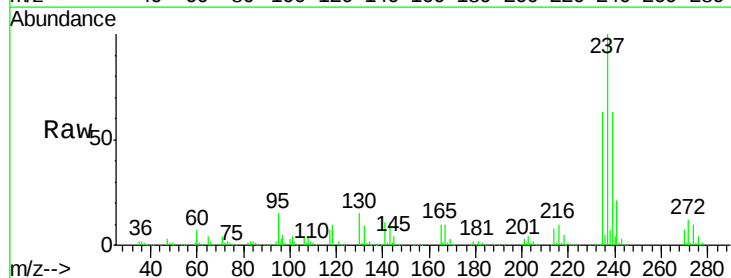
Manual Integrations
 APPROVED

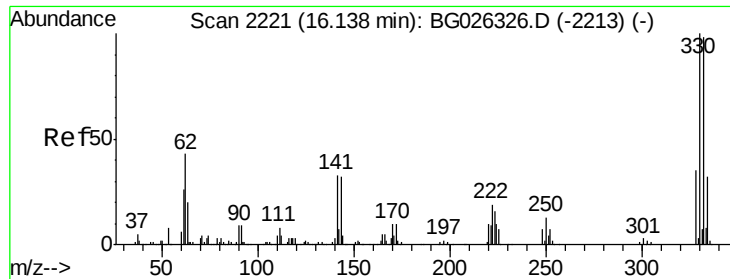
mohammad
 3/24/2017 12:17:43 PM



#40
 Hexachlorocyclopentadiene
 Concen: 87.26 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.0	39.4	79.4	
272	12.5	0.0	32.0	





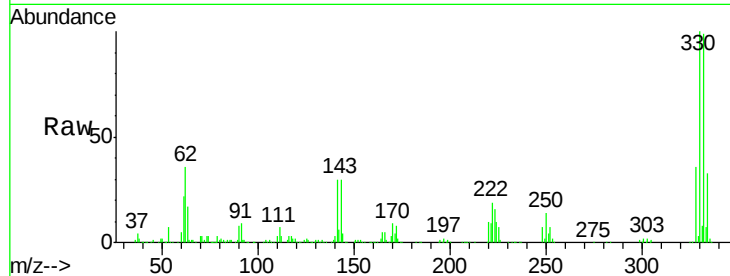
#41
 2,4,6-Tribromophenol
 Concen: 144.12 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB97769BS

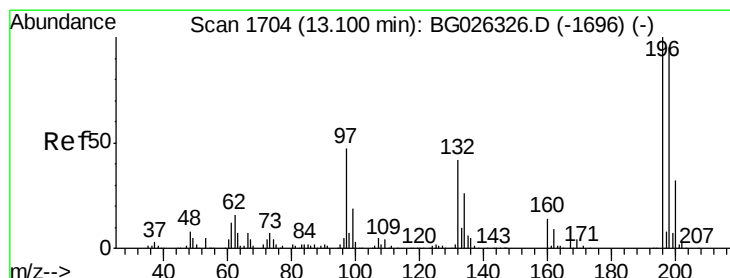
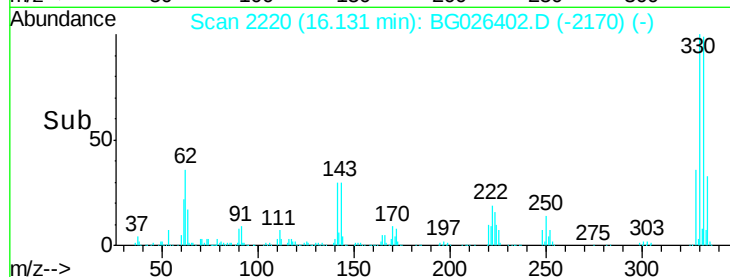
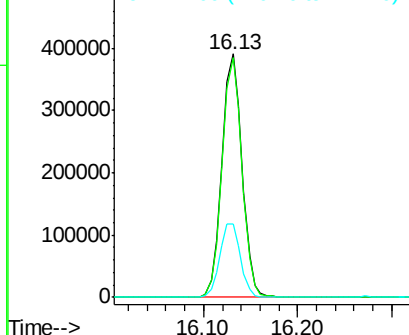
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	77.3	115.9	
141	31.1	32.1	48.1#	

Manual Integrations
 APPROVED

mohammad
 3/24/2017 12:17:43 PM



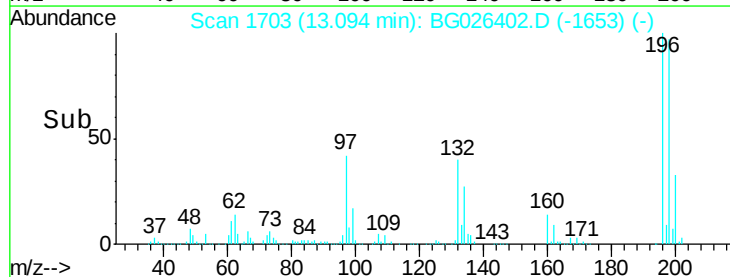
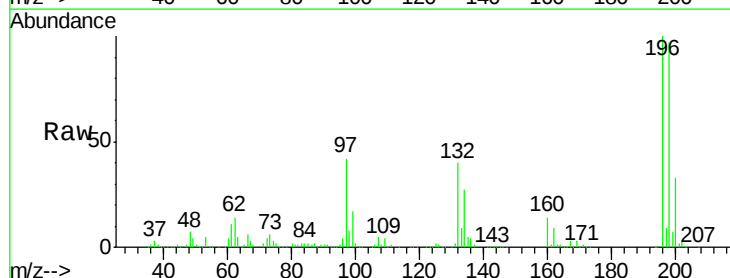
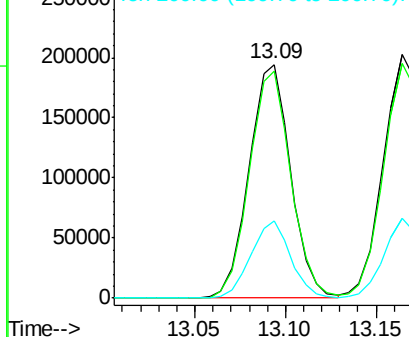
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

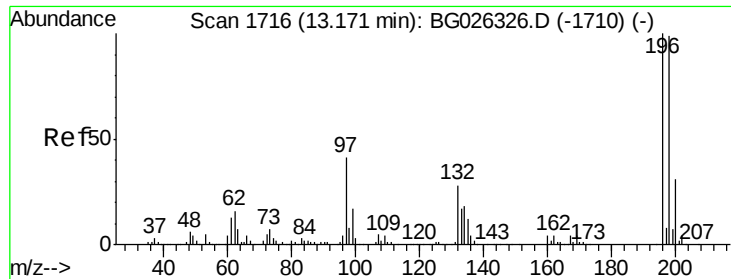


#42
 2,4,6-Trichlorophenol
 Concen: 44.68 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.2	81.4	122.2	
200	32.9	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





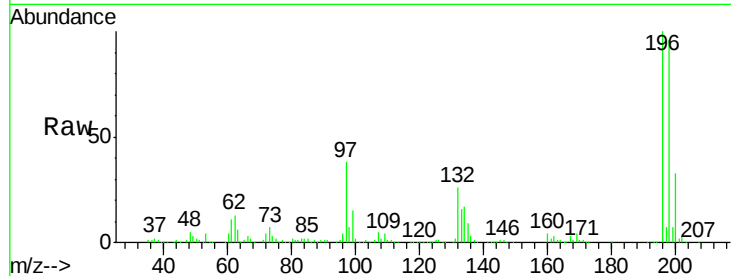
#43
 2,4,5-Trichlorophenol
 Concen: 43.25 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB97769BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	333436		
198	96.5	79.9	119.9	
97	38.4	45.4	68.0	
132	26.5	20.7	31.1	

Manual Integrations
 APPROVED

mohammad
 3/24/2017 12:17:43 PM



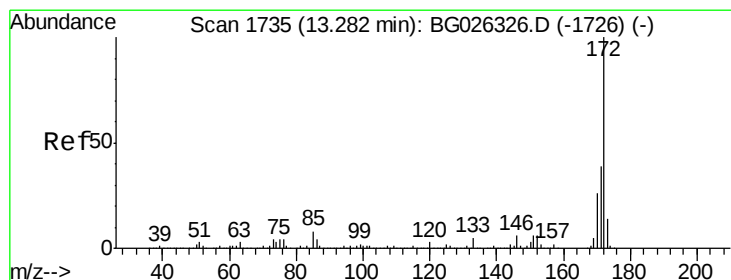
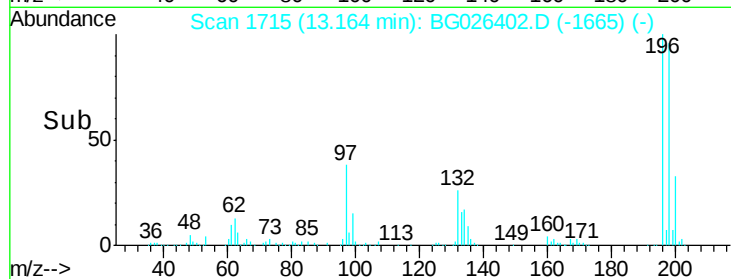
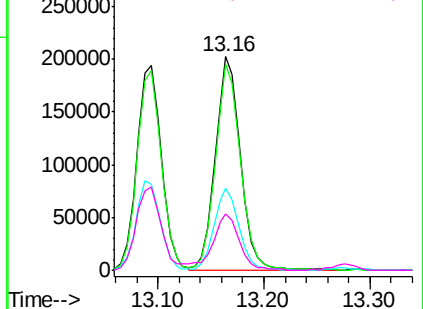
Abundance

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): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.56 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

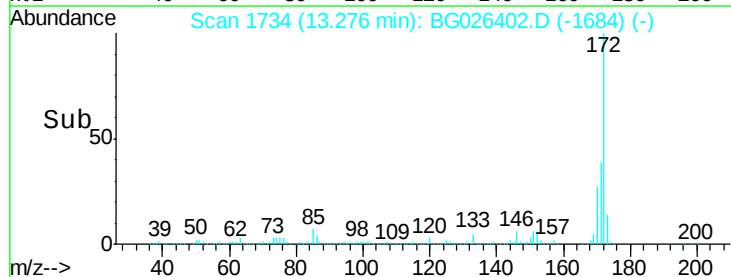
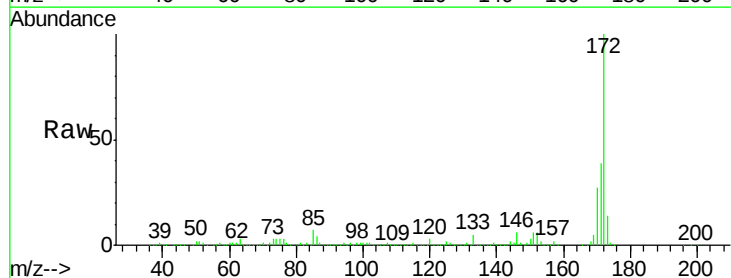
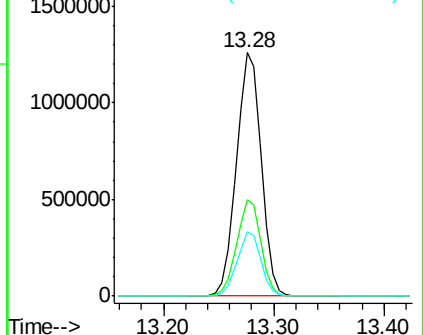
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1983213		
171	39.3	32.2	48.2	
170	26.5	21.8	32.6	

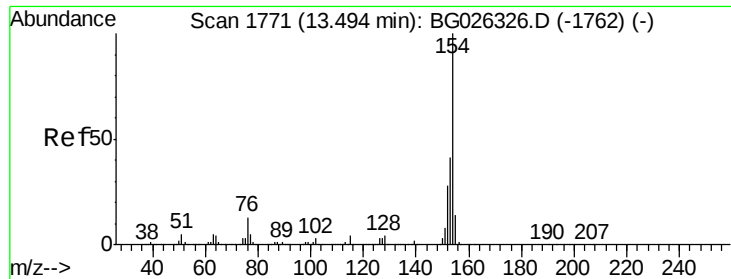
Abundance

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





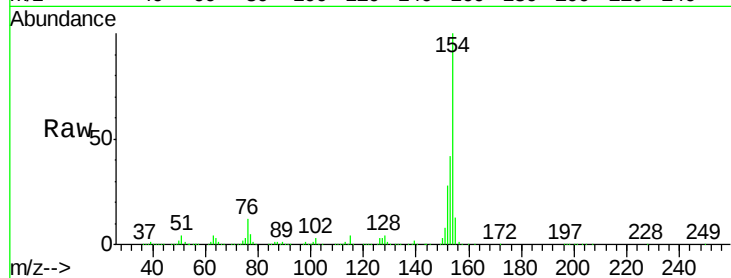
#45
 1,1'-Biphenyl
 Concen: 38.45 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB97769BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	23.0	63.0
76	12.0	0.0	33.5

Manual Integrations
 APPROVED

mohammad
 3/24/2017 12:17:43 PM

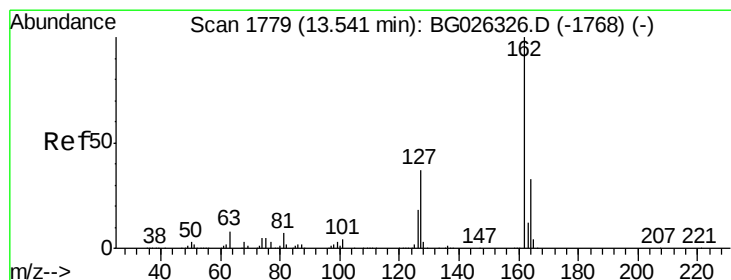
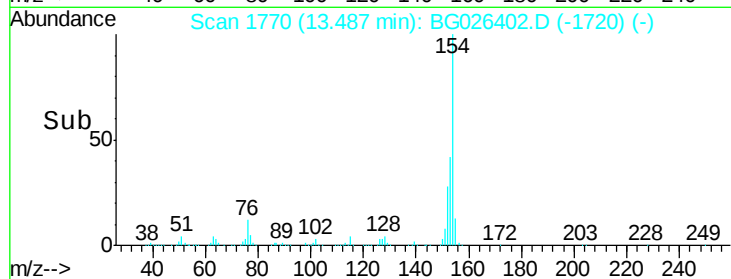
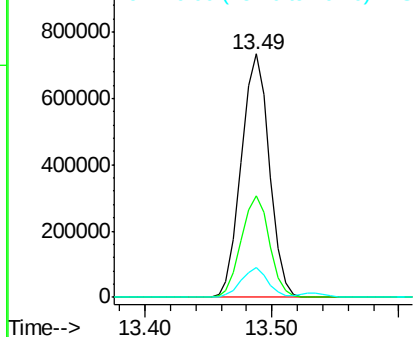


Abundance

Ion 154.00 (153.70 to 154.70): E

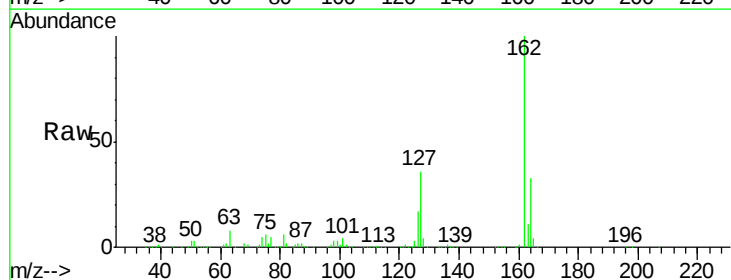
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 39.57 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.2	32.2	48.4
164	33.1	27.3	40.9

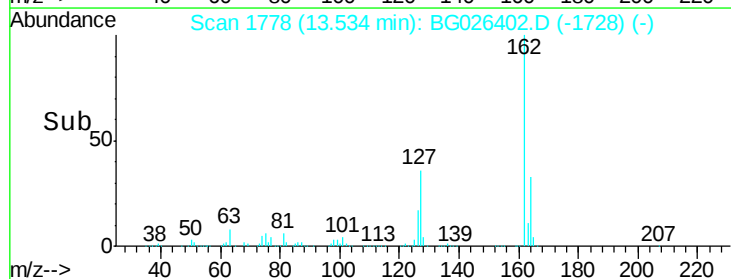
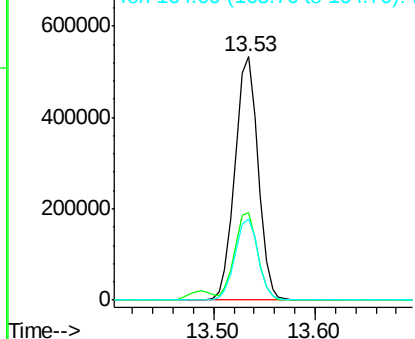


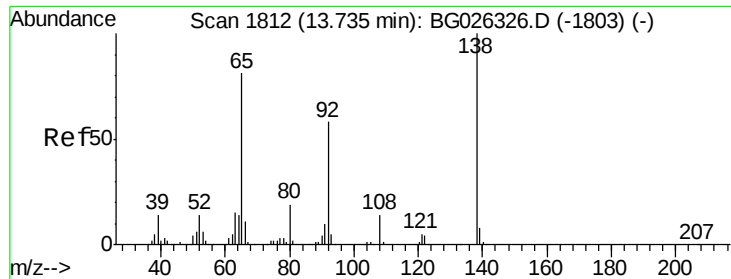
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.80 ng

RT: 13.73 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Instrument :

BNA_G

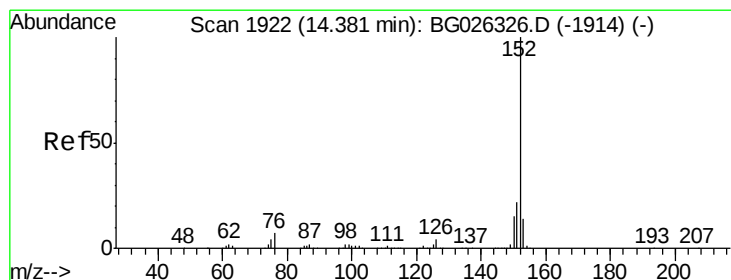
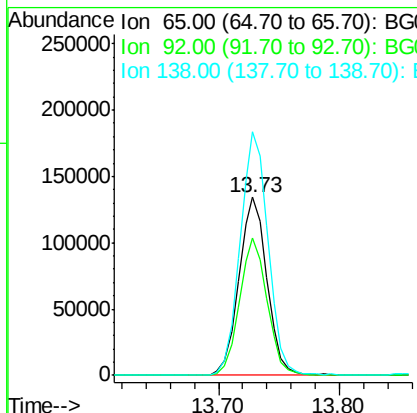
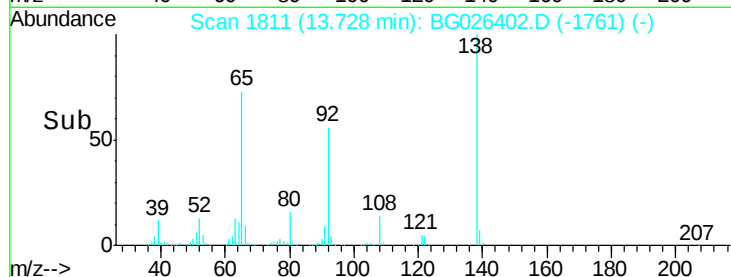
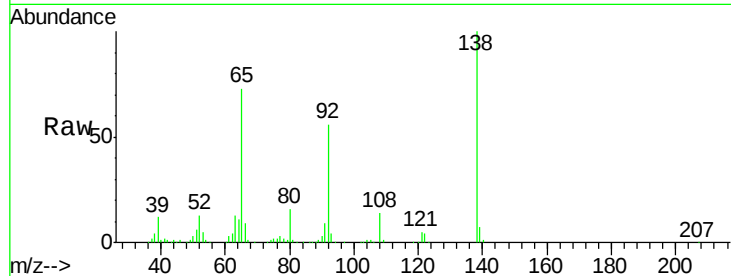
ClientSampleId :

PB97769BS

Tot Ion:	65	Resp:	218009
Ion Ratio	Lower	Upper	
65	100		
92	77.0	49.0	73.4#
138	136.6	58.6	87.8#

Manual Integrations
APPROVED

mohammad
3/24/2017 12:17:43 PM



#48

Acenaphthylene

Concen: 37.83 ng

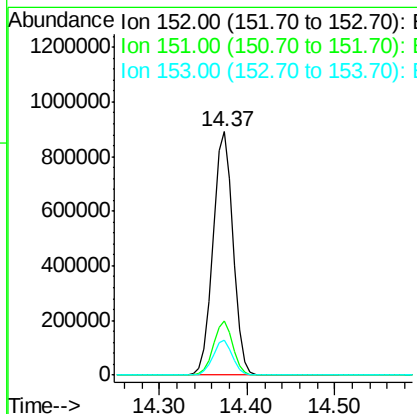
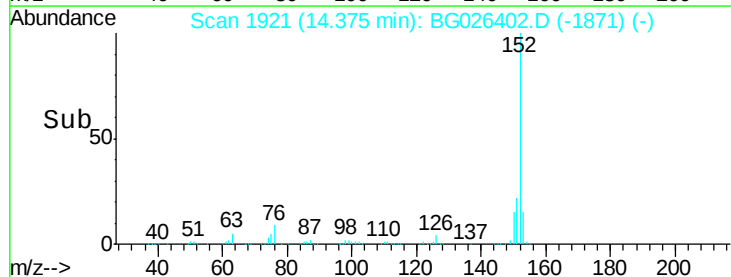
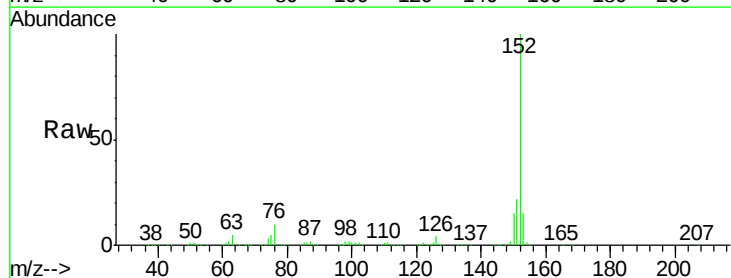
RT: 14.37 min Scan# 1921

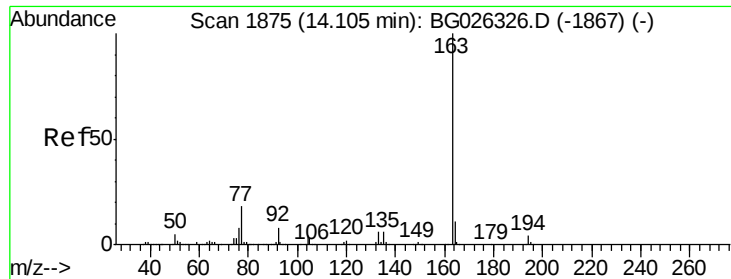
Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Tgt Ion:	152	Resp:	1412237
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.2	27.2
153	14.6	11.3	16.9





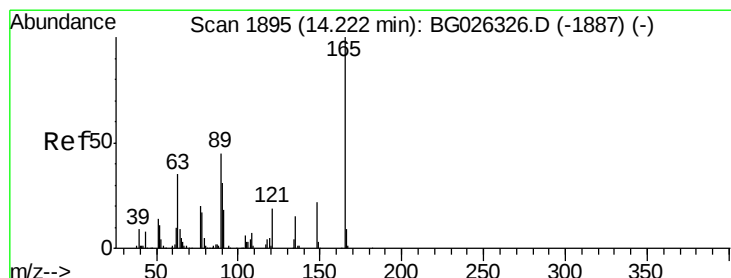
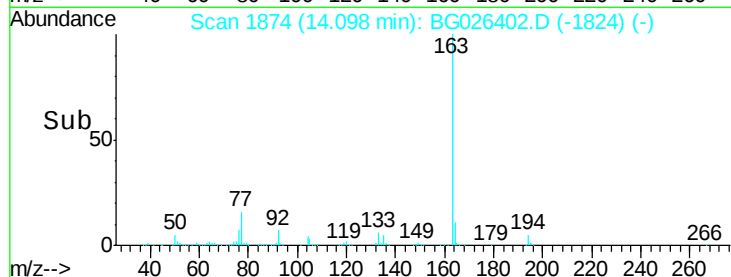
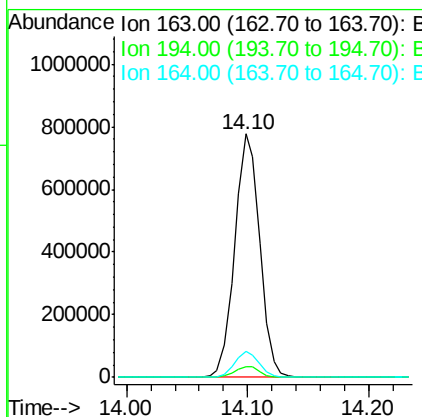
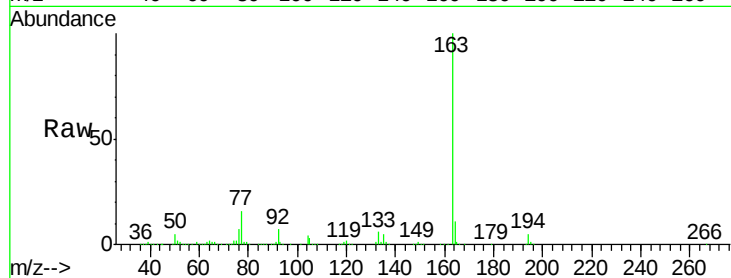
#49
Dimethylphthalate
Concen: 41.87 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	10.9	9.3	13.9

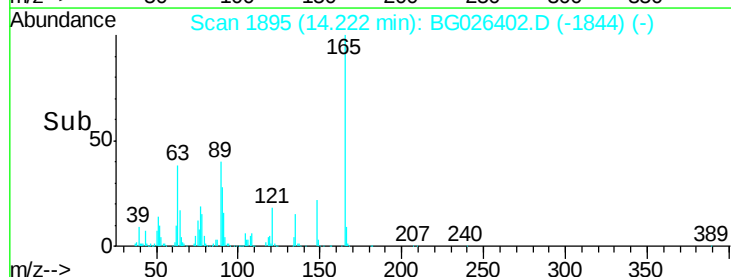
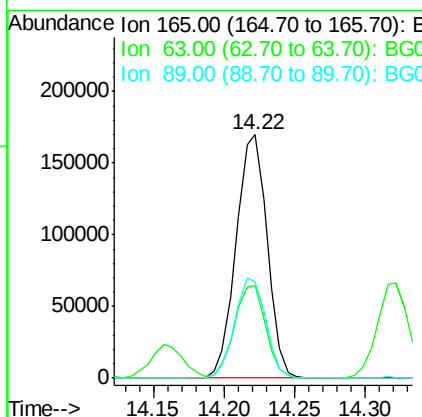
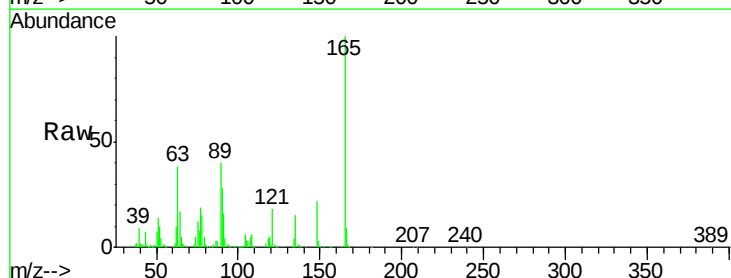
Manual Integrations
APPROVED

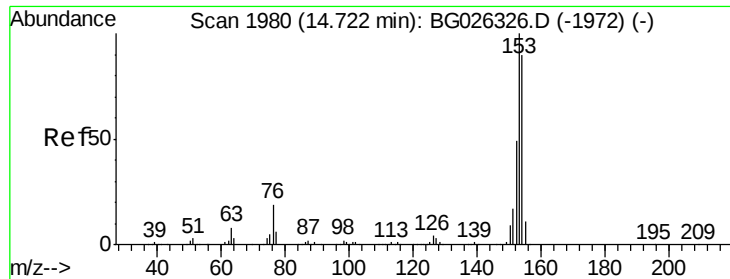
mohammad
3/24/2017 12:17:43 PM



#50
2,6-Dinitrotoluene
Concen: 41.82 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.1	63.9	95.9#
89	39.9	58.6	88.0#





#51

Acenaphthene

Concen: 38.34 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Instrument :

BNA_G

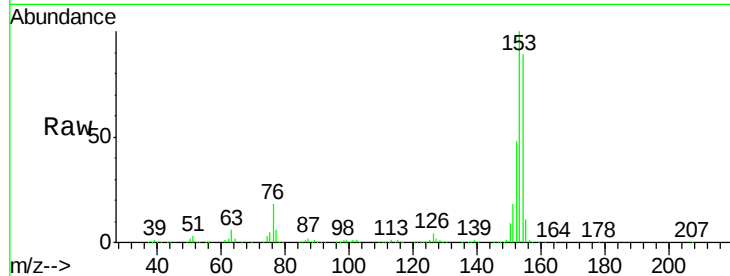
ClientSampleId :

PB97769BS

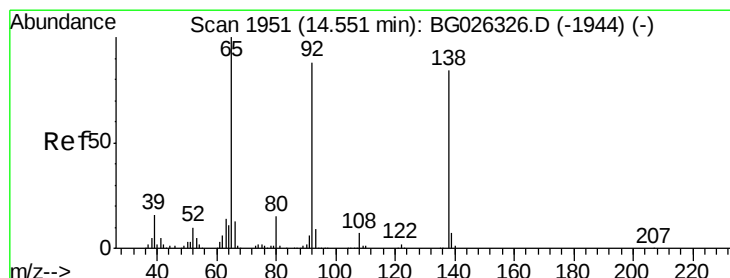
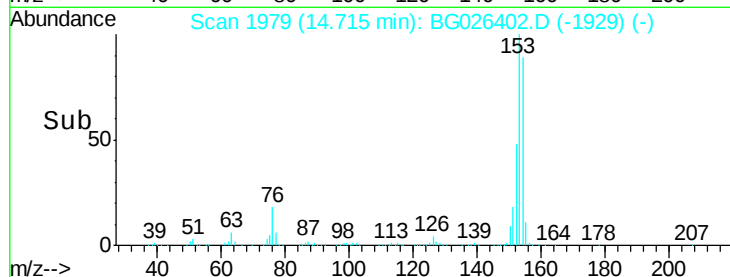
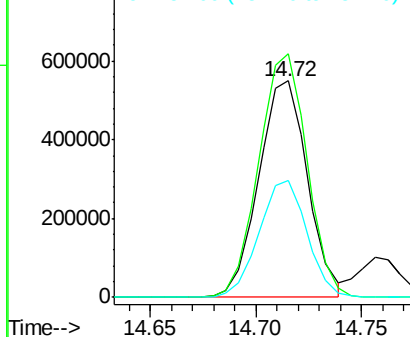
Tot Ion:	154	Resp:	881346
Ion Ratio	Lower	Upper	
154	100		
153	112.4	87.8	131.6
152	53.8	42.2	63.4

Manual Integrations
APPROVED

mohammad
3/24/2017 12:17:43 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: 15.94 ng

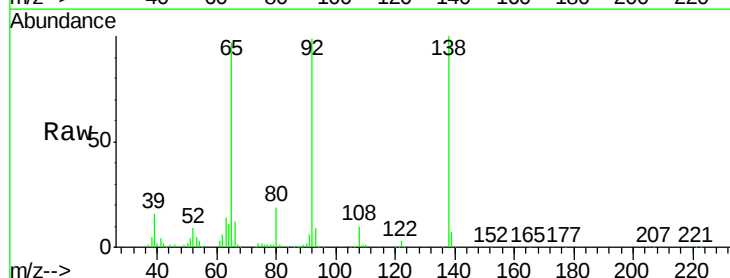
RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

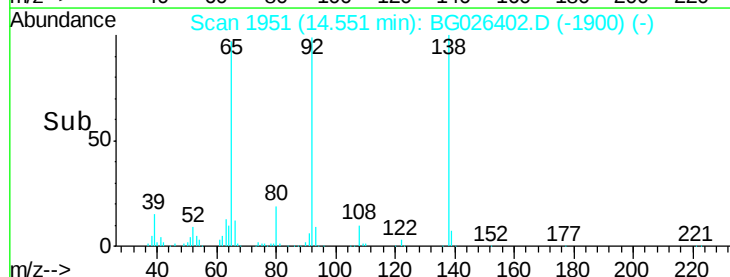
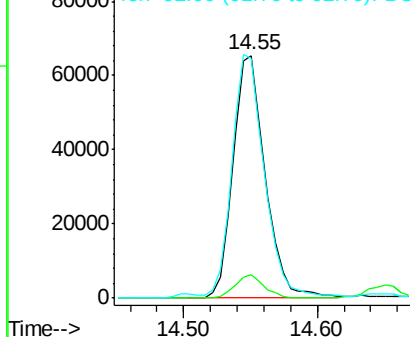
Lab File: BG026402.D

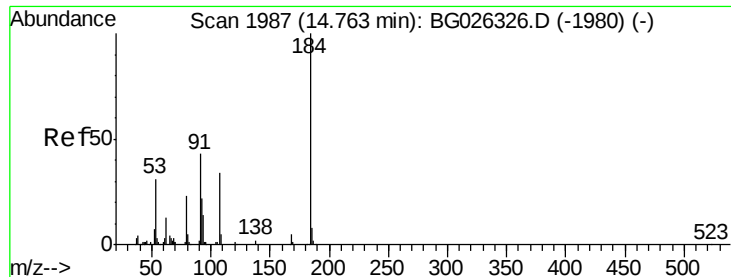
Acq: 23 Mar 2017 14:38

Tgt Ion:	138	Resp:	109475
Ion Ratio	Lower	Upper	
138	100		
108	9.8	10.9	16.3#
92	98.9	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





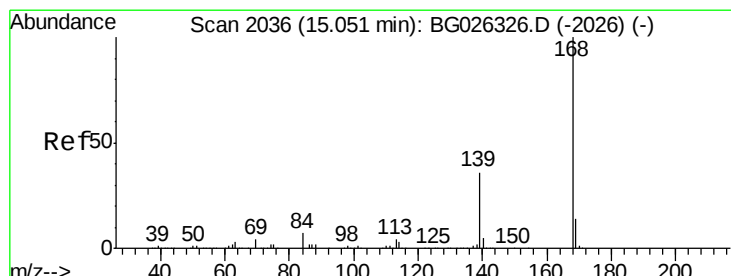
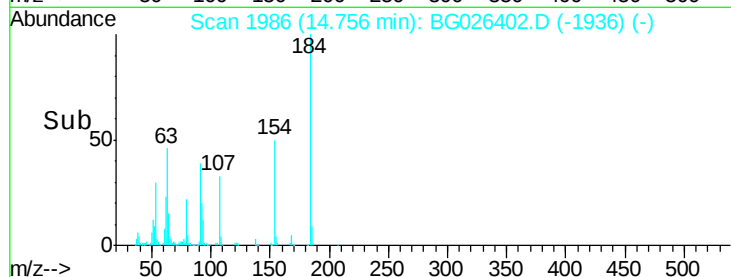
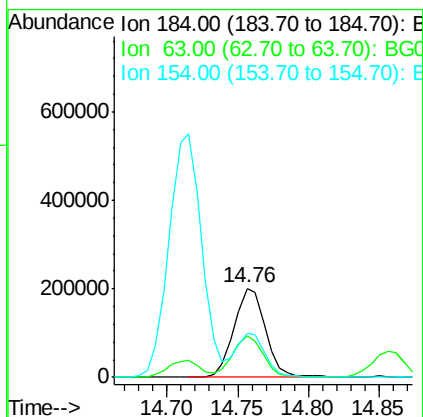
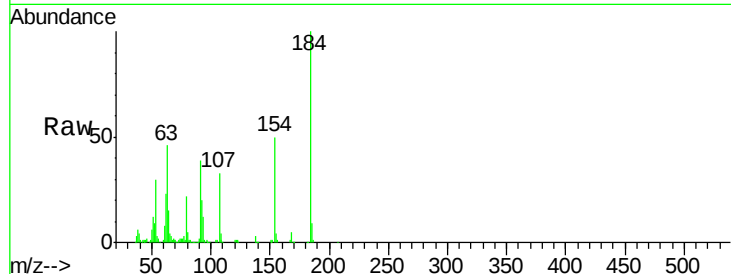
#53
2,4-Dinitrophenol
Concen: 87.39 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.7	52.7	79.1#
154	49.7	57.3	85.9#

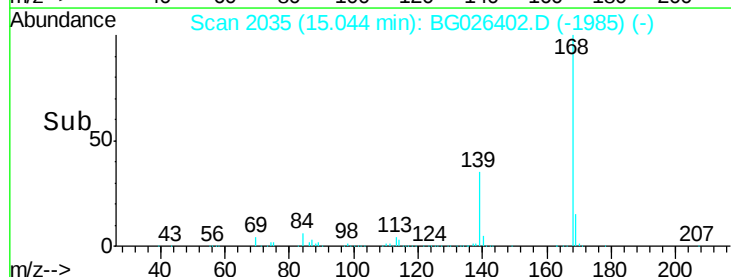
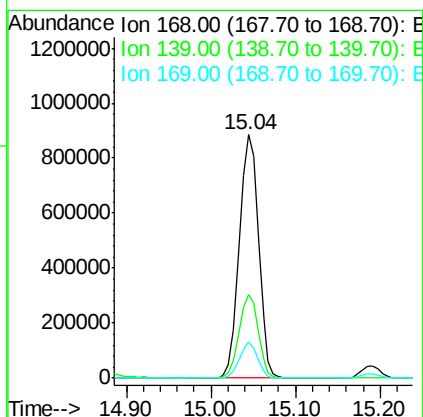
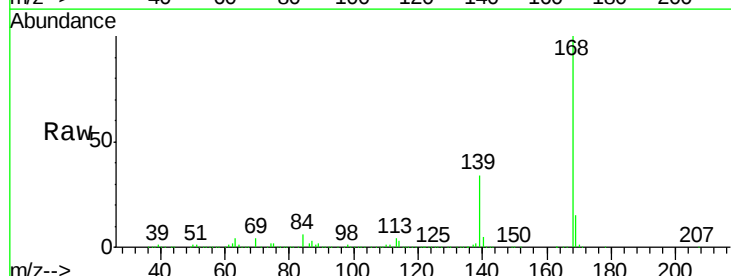
Manual Integrations
APPROVED

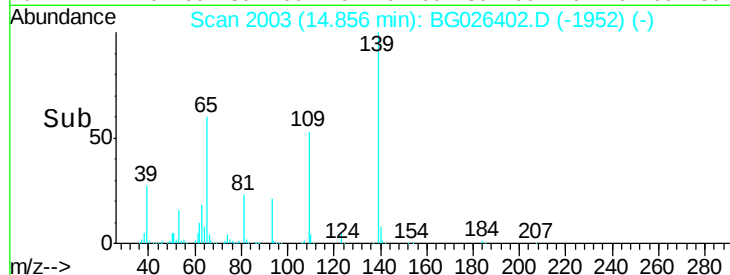
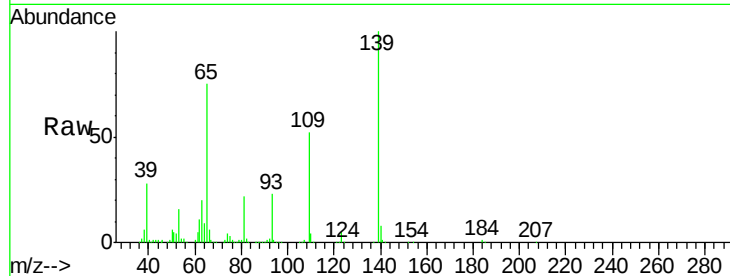
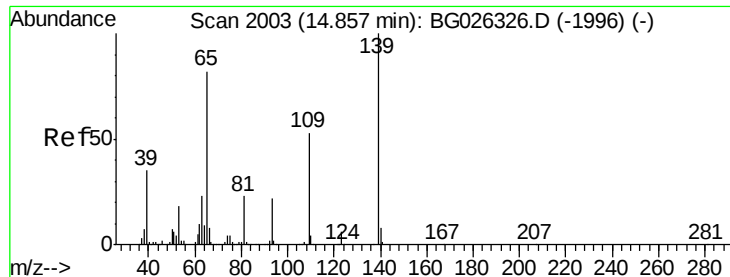
mohammad
3/24/2017 12:17:43 PM



#54
Dibenzofuran
Concen: 42.48 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.4	35.3	52.9#
169	14.9	11.5	17.3





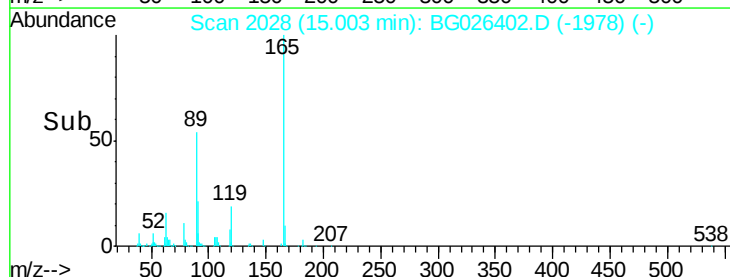
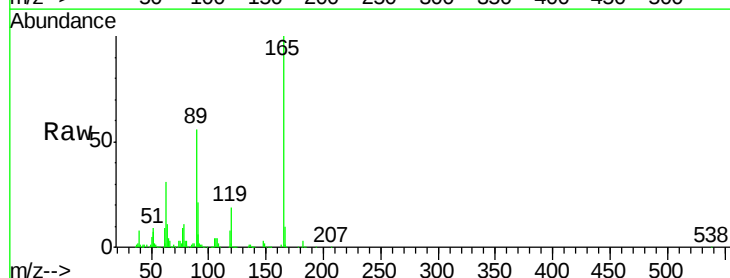
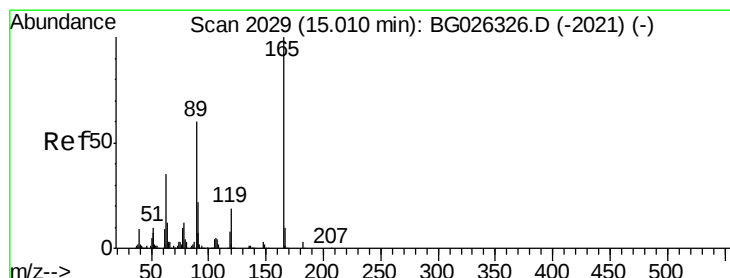
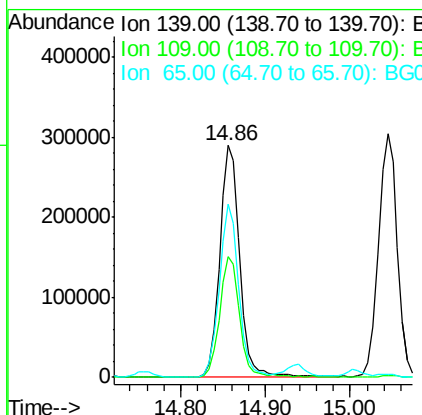
#55
4-Nitrophenol
Concen: 85.14 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	52.3	101.2	141.2#
65	74.6	135.3	175.3#

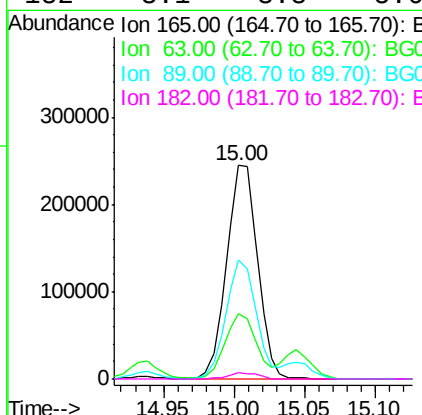
Manual Integrations
APPROVED

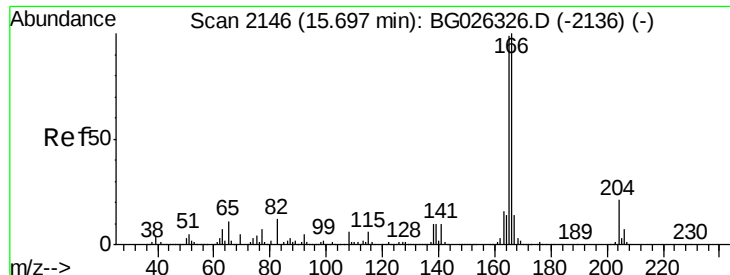
mohammad
3/24/2017 12:17:43 PM



#56
2,4-Dinitrotoluene
Concen: 42.69 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.7	44.0	66.0#
89	55.7	67.3	100.9#
182	3.1	3.8	5.6#





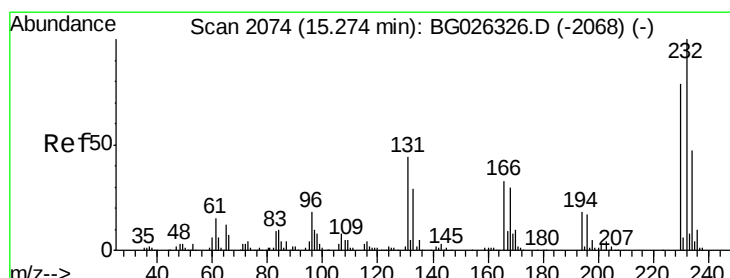
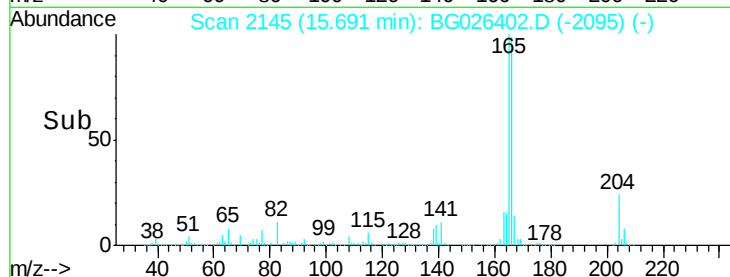
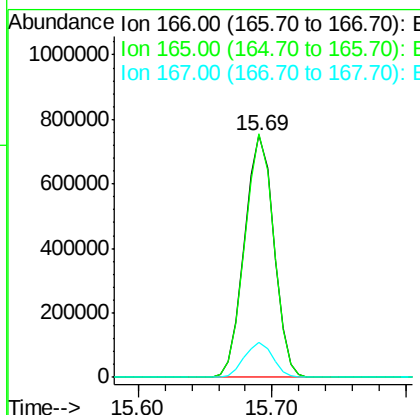
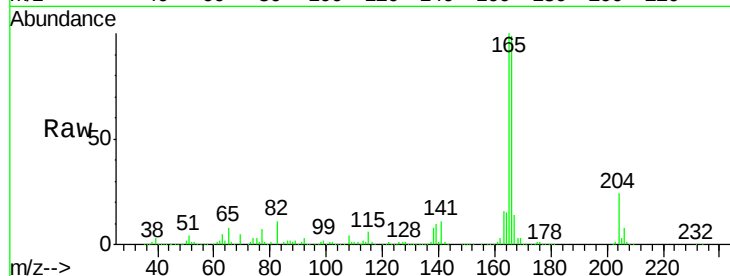
#57
Fluorene
 Concen: 39.39 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Instrument :
 BNA_G
 ClientSampleID :
 PB97769BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.6	117.8
167	14.4	11.6	17.4

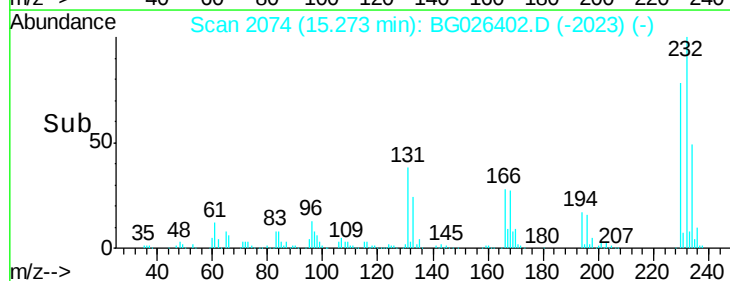
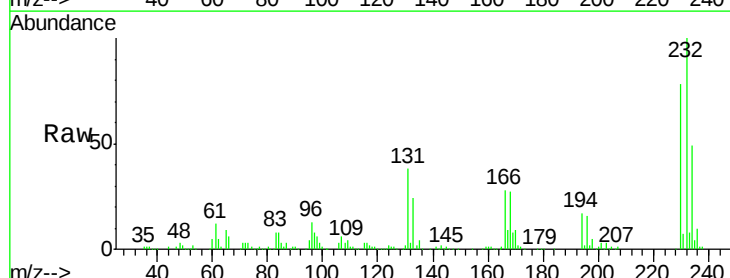
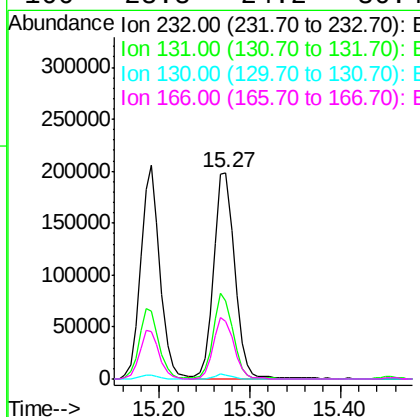
Manual Integrations
 APPROVED

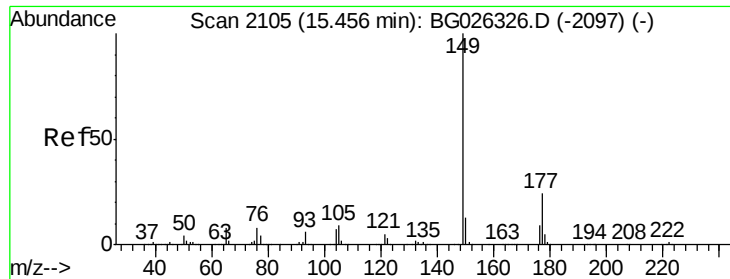
mohammad
 3/24/2017 12:17:43 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.26 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.8	34.9	52.3
130	2.0	2.3	3.5#
166	28.8	24.2	36.4





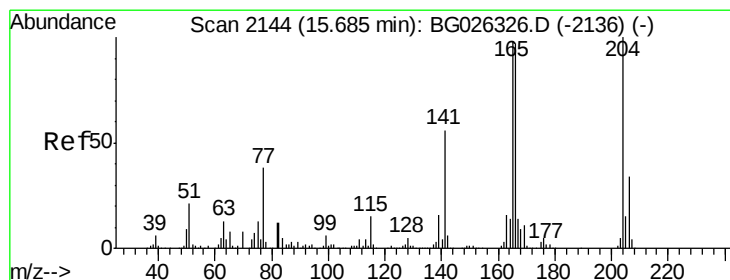
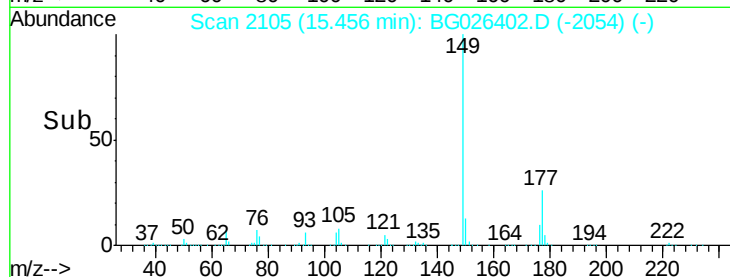
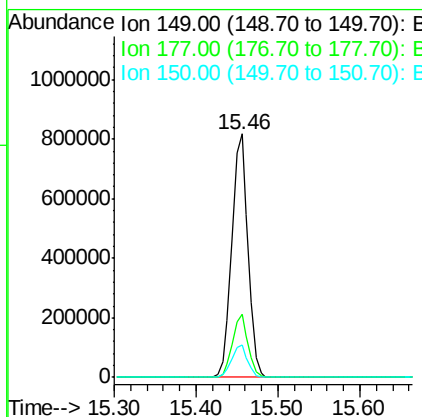
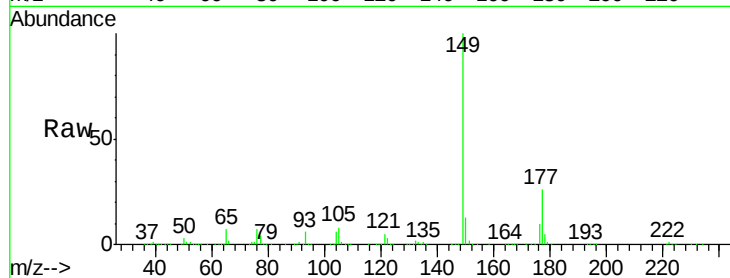
#59
Diethylphthalate
Concen: 40.96 ng
RT: 15.46 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampled :
PB97769BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.7	20.1	30.1
150	13.1	10.2	15.2

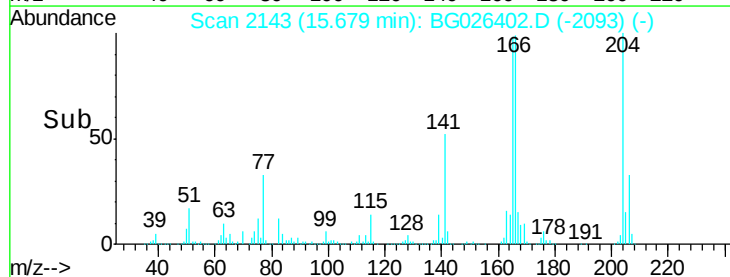
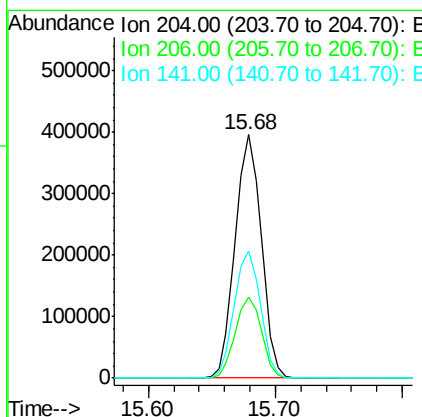
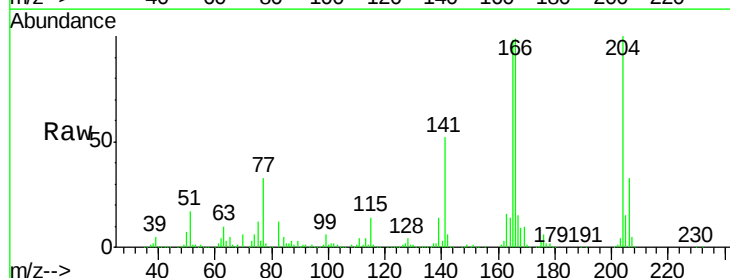
Manual Integrations
APPROVED

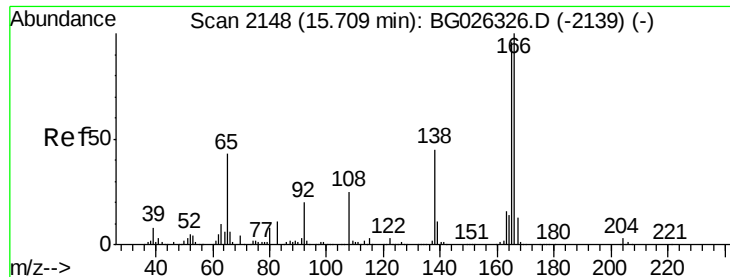
mohammad
3/24/2017 12:17:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.31 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	30.1	45.1
141	52.2	50.6	76.0





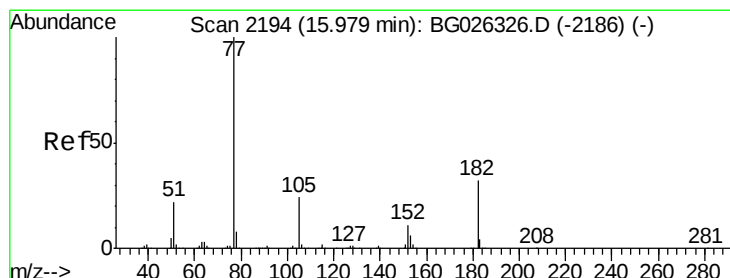
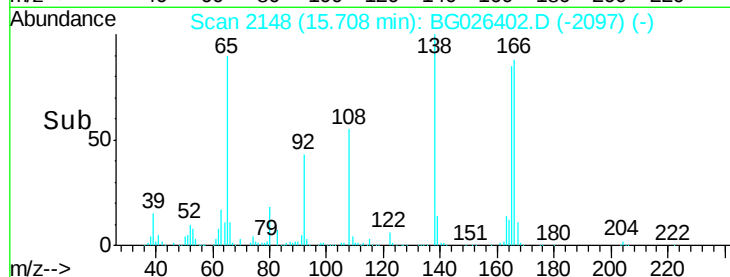
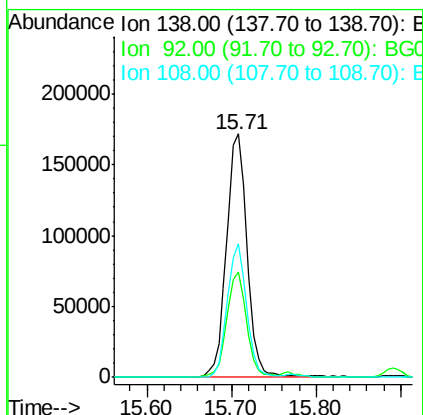
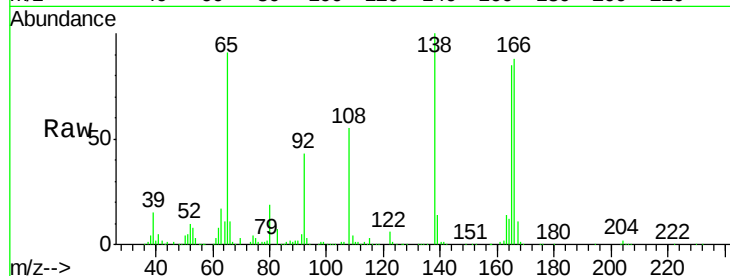
#61
4-Nitroaniline
Concen: 39.97 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	290319		
92	43.5		44.2	84.2#
108	55.0		104.8	144.8#

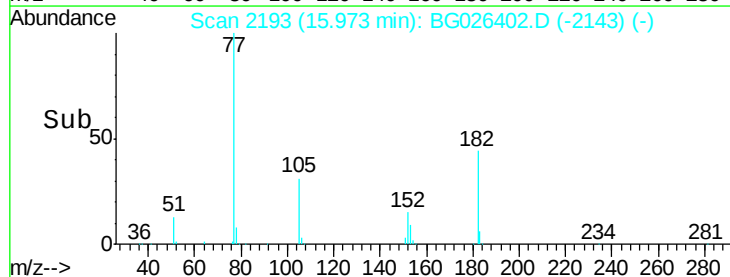
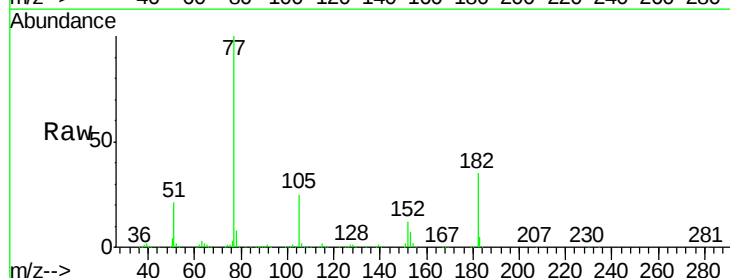
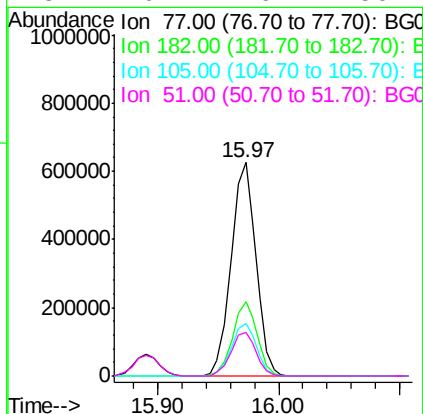
Manual Integrations
APPROVED

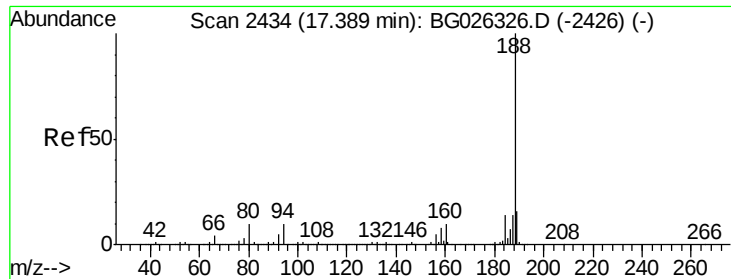
mohammad
3/24/2017 12:17:43 PM



#62
Azobenzene
Concen: 40.25 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	893711		
182	34.9		4.7	44.7
105	24.7		0.0	36.3
51	20.7		16.4	56.4





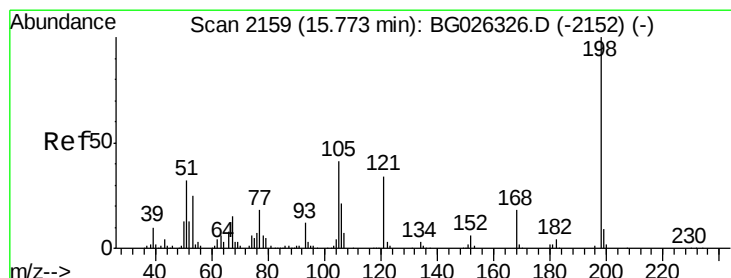
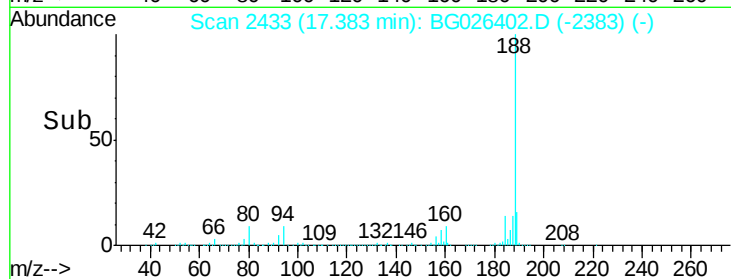
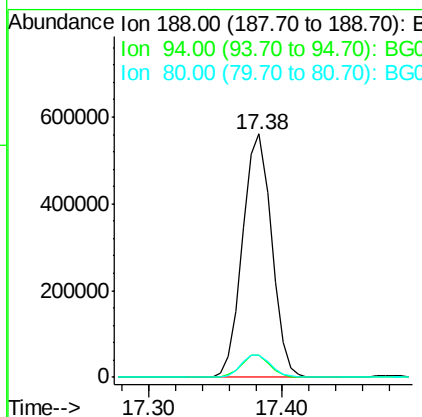
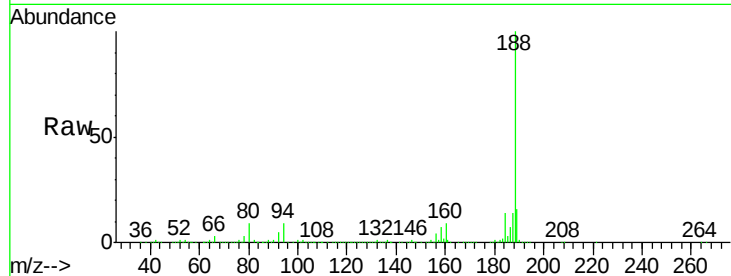
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	843452		
94	8.9	5.8	8.8#	
80	9.1	7.5	11.3	

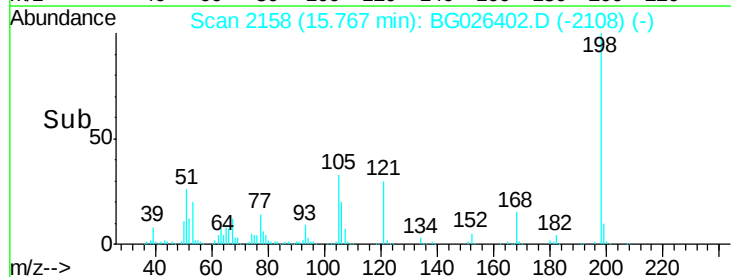
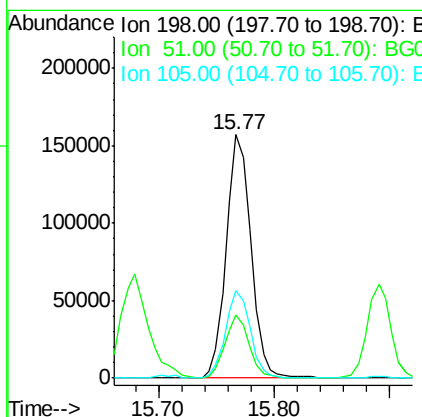
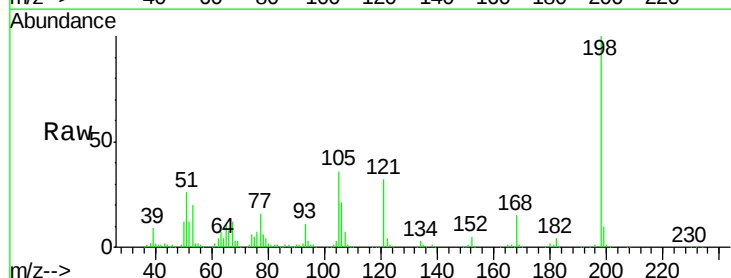
Manual Integrations
APPROVED

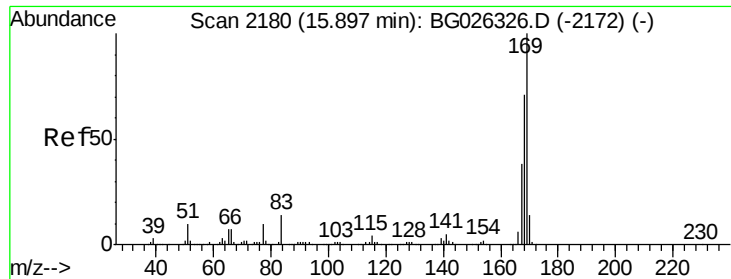
mohammad
3/24/2017 12:17:43 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.88 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	233334		
51	26.0	22.6	62.6	
105	36.0	14.4	54.4	





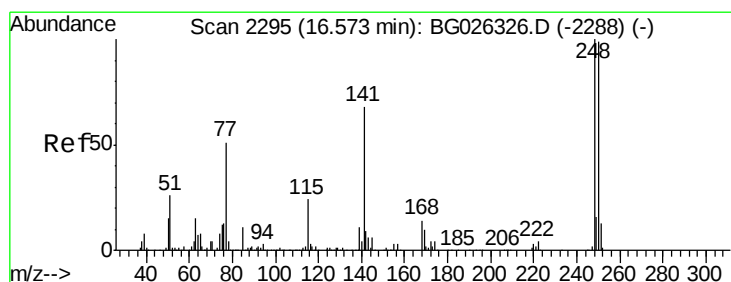
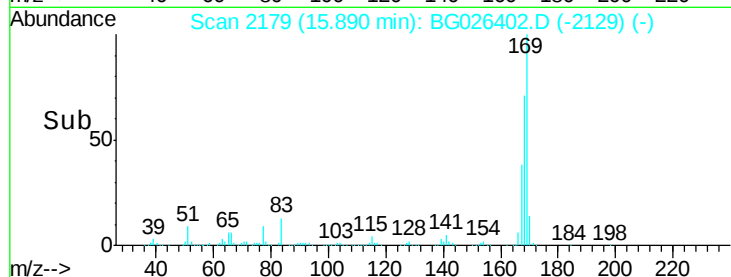
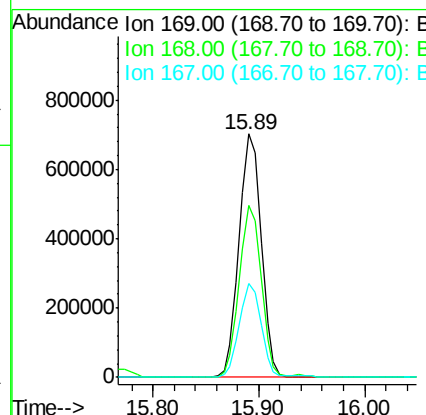
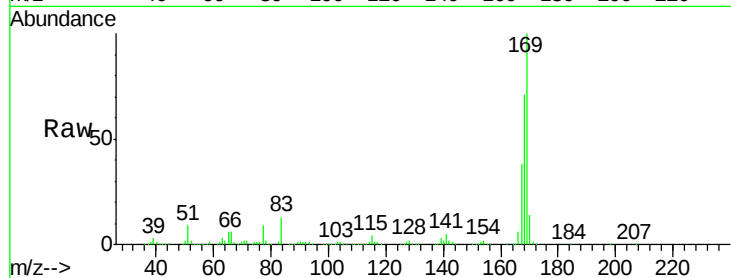
#65
n-Nitrosodiphenylamine
Concen: 41.07 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	70.8	55.7	83.5	
167	38.3	29.8	44.6	

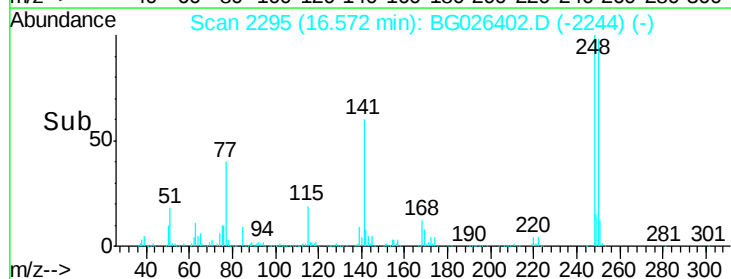
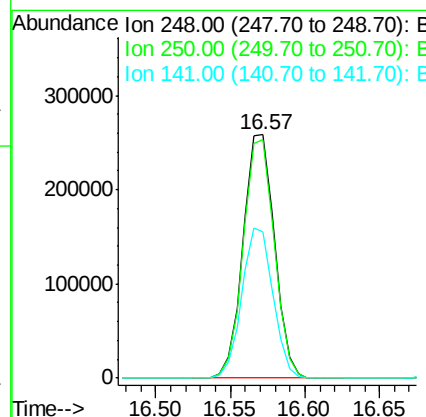
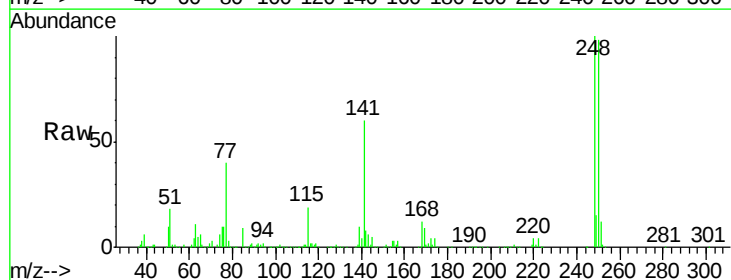
Manual Integrations
APPROVED

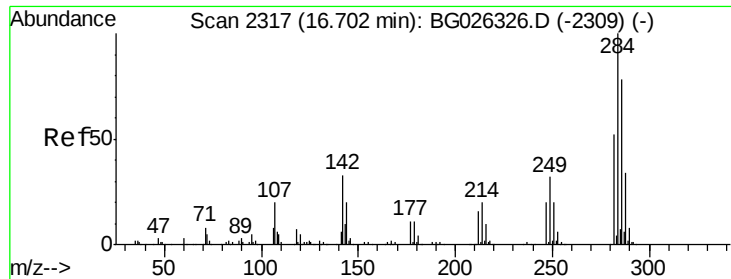
mohammad
3/24/2017 12:17:43 PM



#66
4-Bromophenyl-phenylether
Concen: 43.42 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	97.9	75.0	112.6	
141	60.3	55.2	82.8	





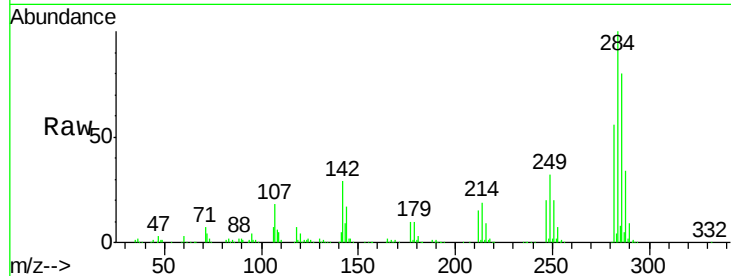
#67
Hexachlorobenzene
Concen: 42.79 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

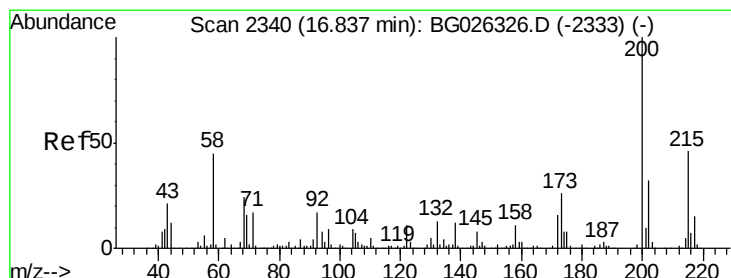
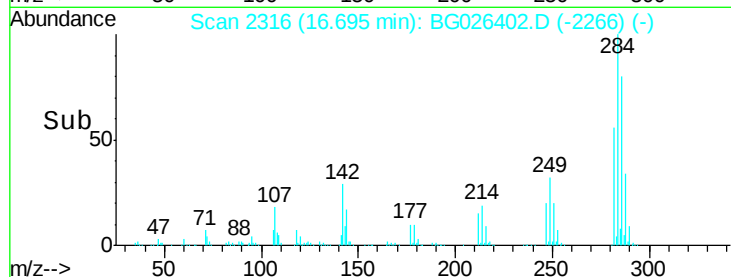
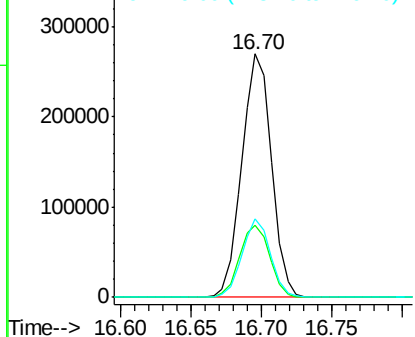
Tot Ion	Ratio	Resp	Lower	Upper
284	100	396248		
142	29.5		29.9	44.9#
249	32.0		29.2	43.8

Manual Integrations
APPROVED

mohammad
3/24/2017 12:17:43 PM

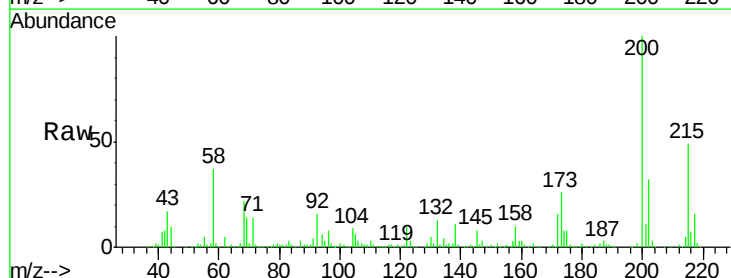


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

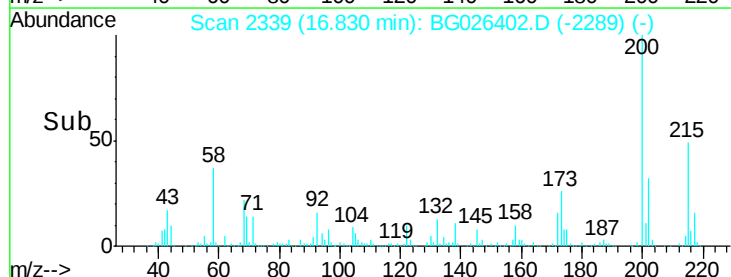
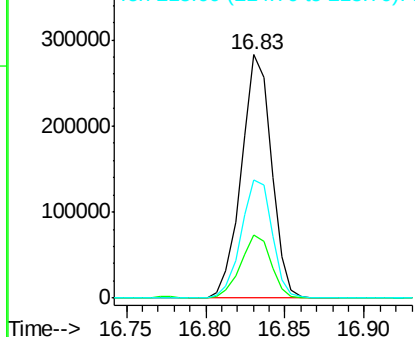


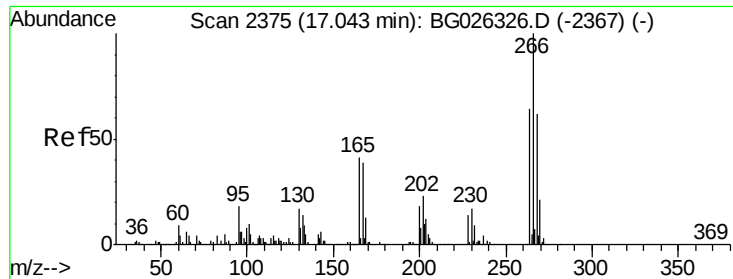
#68
Atrazine
Concen: 39.84 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	373348		
173	26.1		3.0	43.0
215	48.7		28.4	68.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





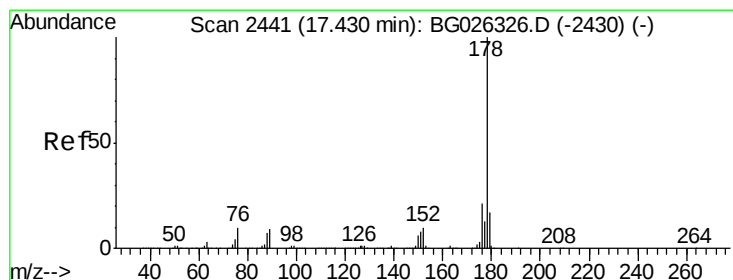
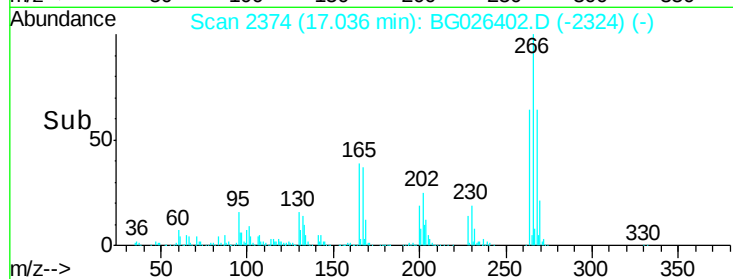
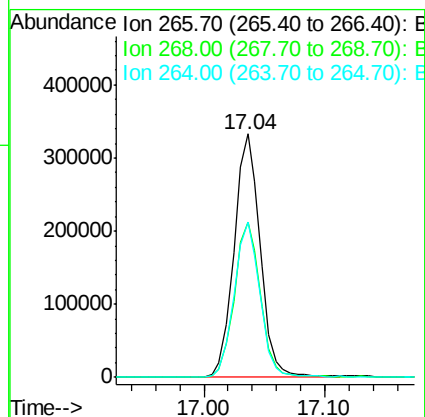
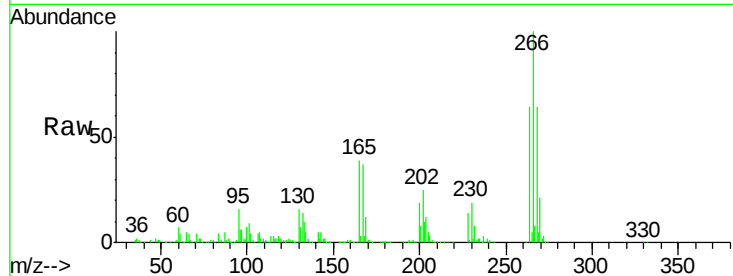
#69
 Pentachlorophenol
 Concen: 83.22 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB97769BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	48.6	72.8
264	63.7	50.1	75.1

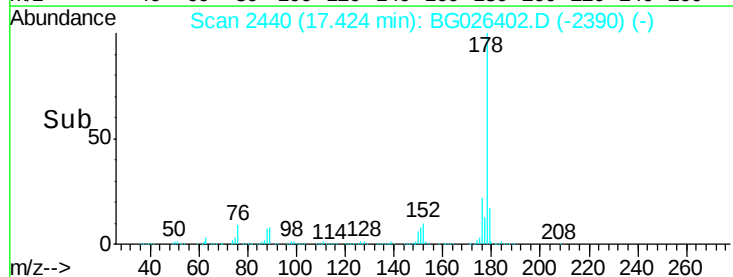
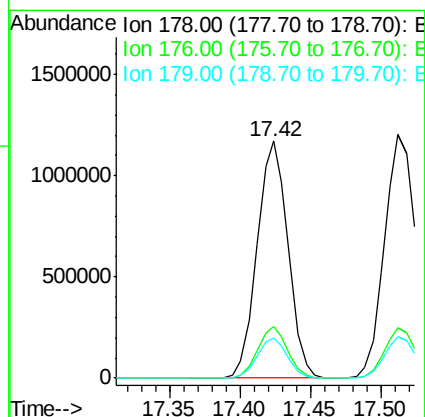
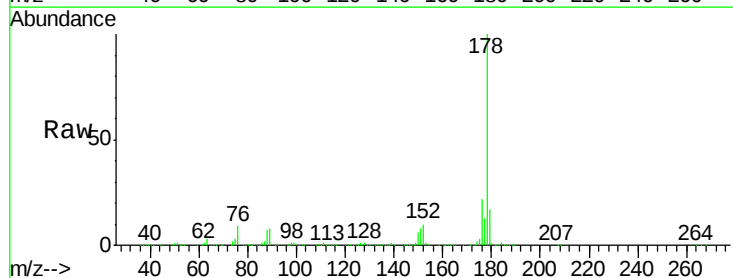
Manual Integrations
 APPROVED

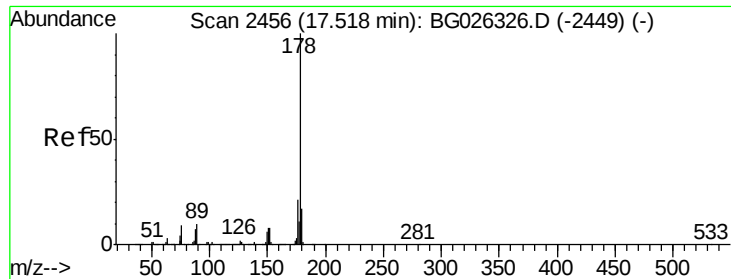
mohammad
 3/24/2017 12:17:43 PM



#70
 Phenanthrene
 Concen: 39.74 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	17.7	26.5
179	17.2	15.0	22.6





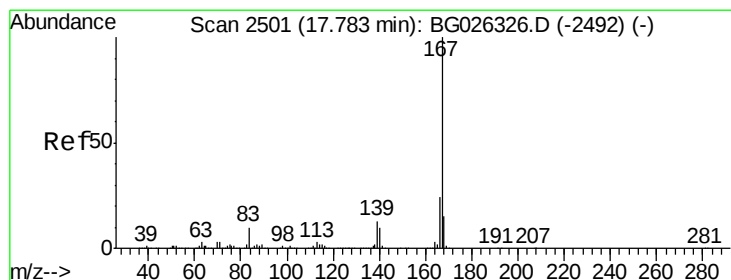
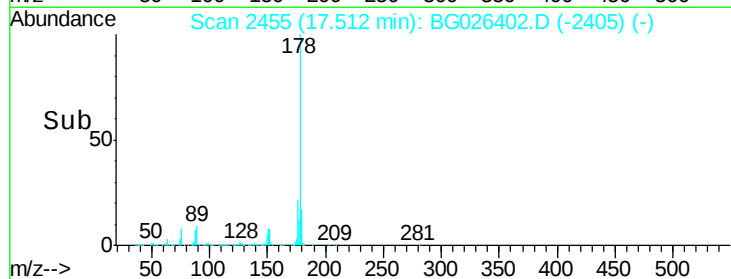
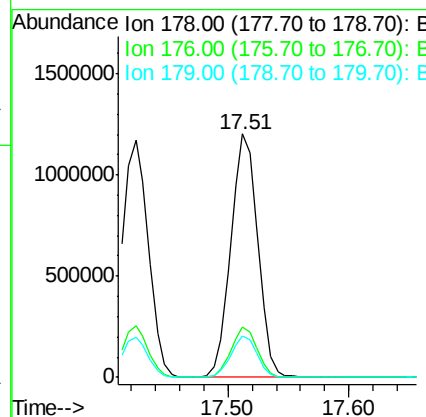
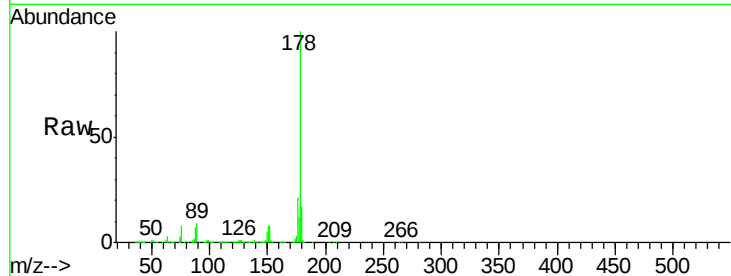
#71
 Anthracene
 Concen: 40.17 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB97769BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.4	24.6
179	17.0	13.8	20.8

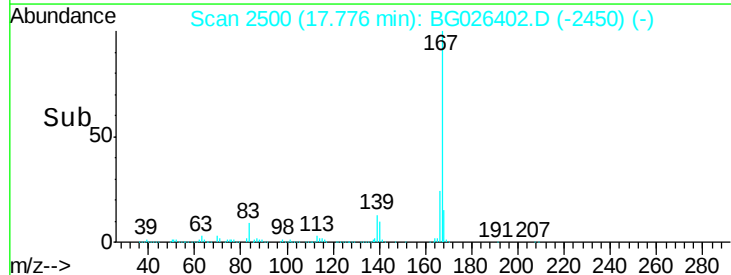
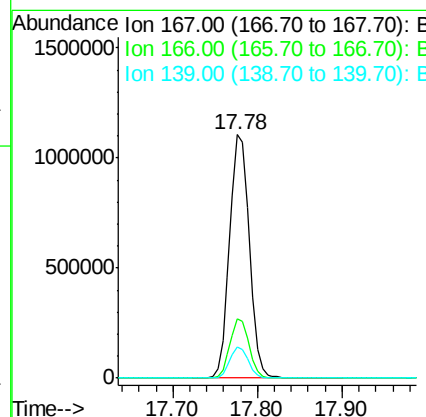
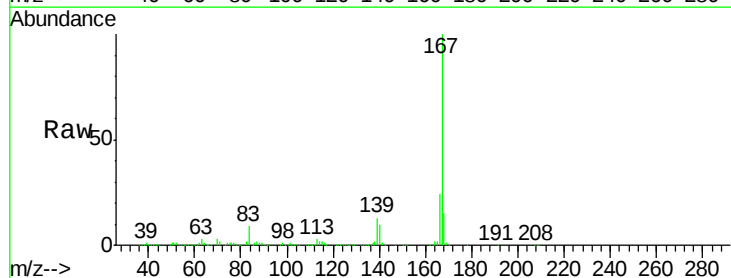
Manual Integrations
 APPROVED

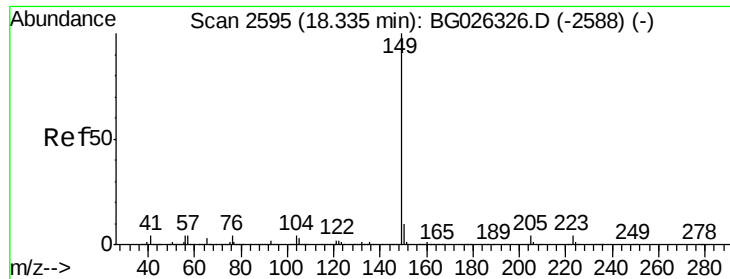
mohammad
 3/24/2017 12:17:43 PM



#72
 Carbazole
 Concen: 37.45 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	20.2	30.2
139	13.0	12.8	19.2





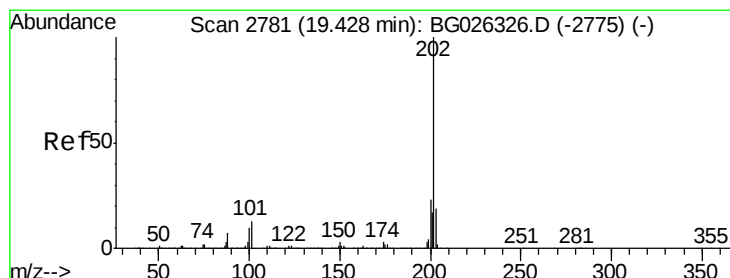
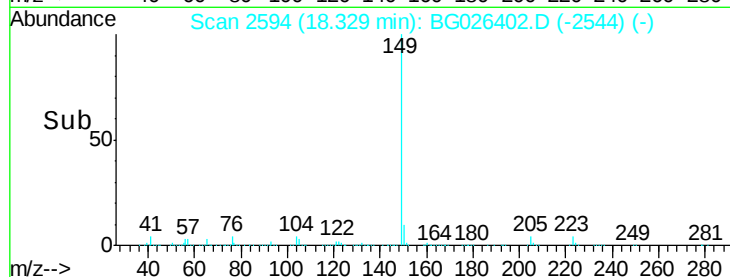
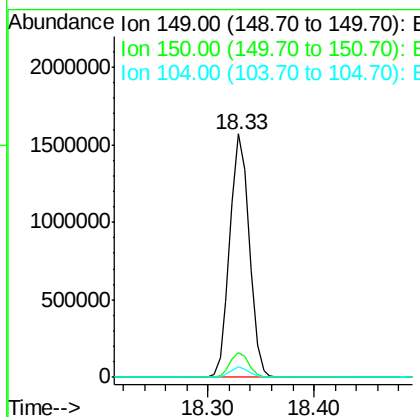
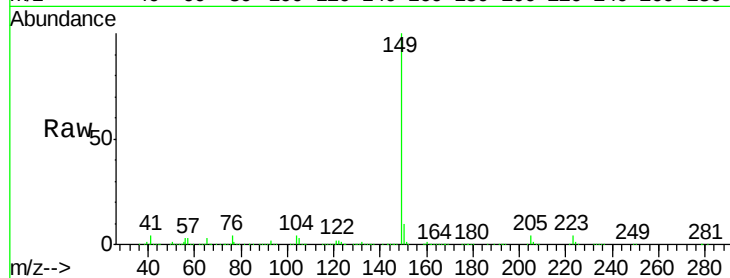
#73
Di-n-butylphthalate
Concen: 40.69 ng
RT: 18.33 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1989120		
150	10.3	9.1	13.7		
104	4.3	6.7	10.1		

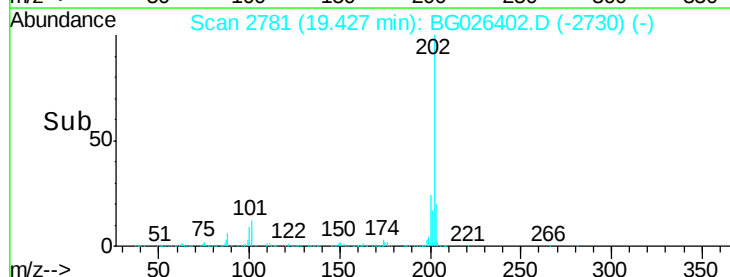
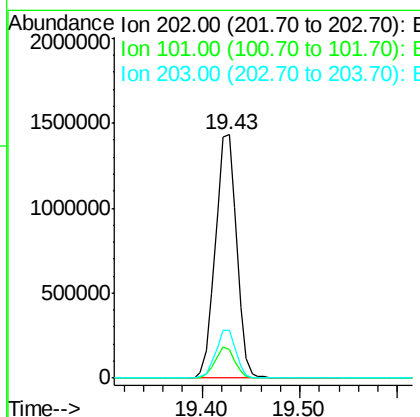
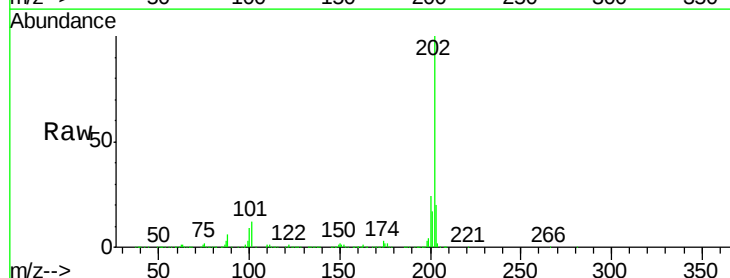
Manual Integrations
APPROVED

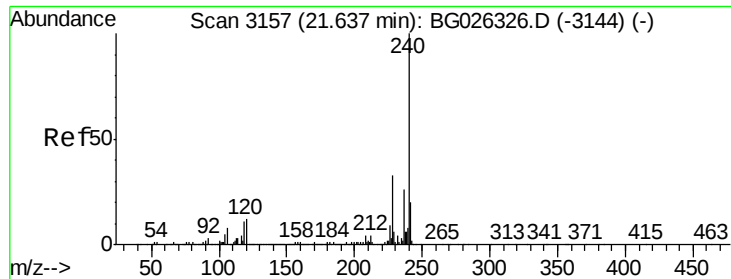
mohammad
3/24/2017 12:17:43 PM



#74
Fluoranthene
Concen: 40.60 ng
RT: 19.43 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2162489		
101	11.8	0.0	30.1		
203	19.6	1.3	41.3		





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Instrument :

BNA_G

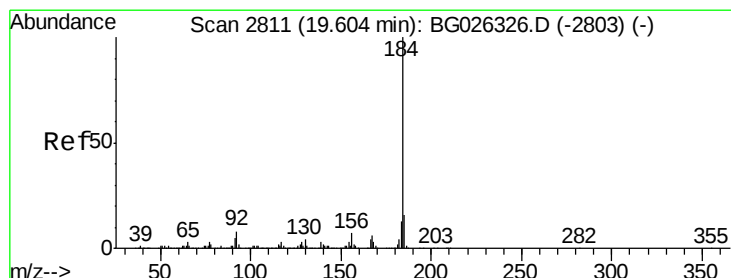
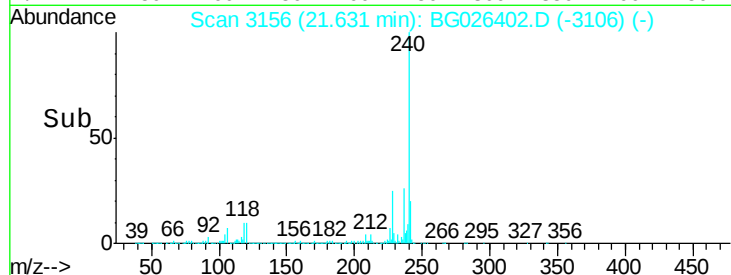
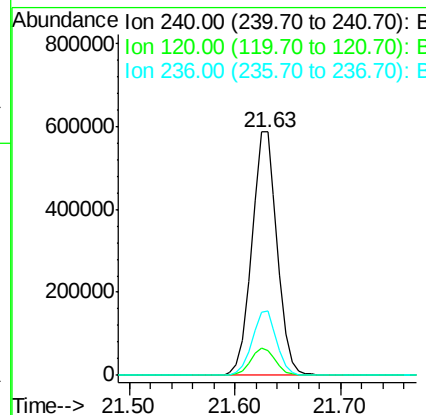
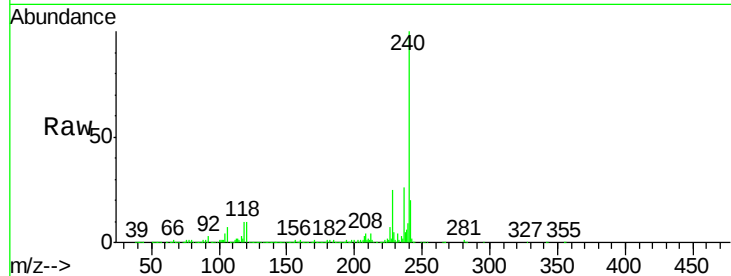
ClientSampleId :

PB97769BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	5.7	8.5#
236	26.3	22.2	33.4

Manual Integrations
APPROVED

mohammad
3/24/2017 12:17:43 PM



#76

Benzidine

Concen: 23.20 ng

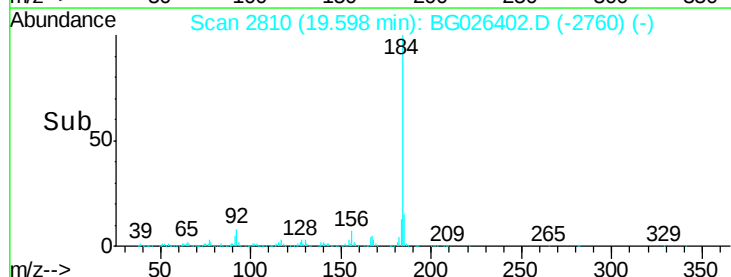
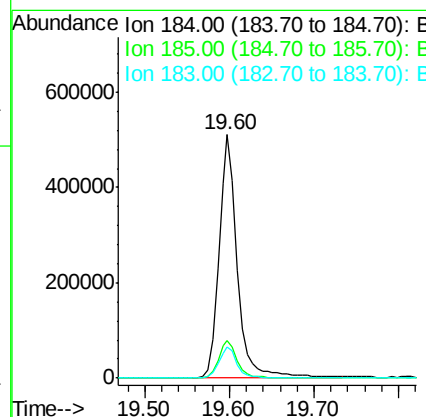
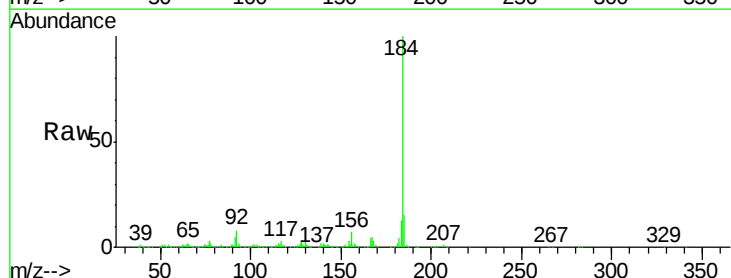
RT: 19.60 min Scan# 2810

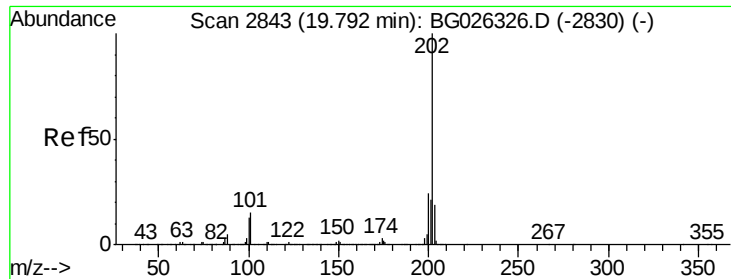
Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.0	19.6
183	12.6	11.0	16.6





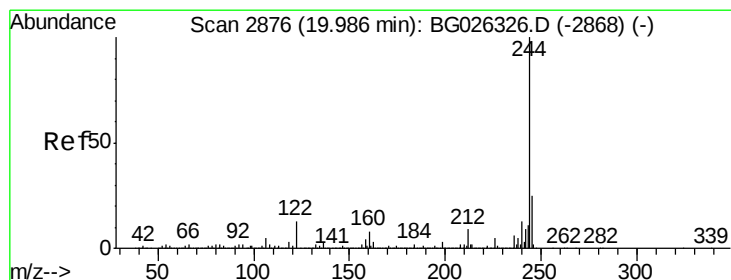
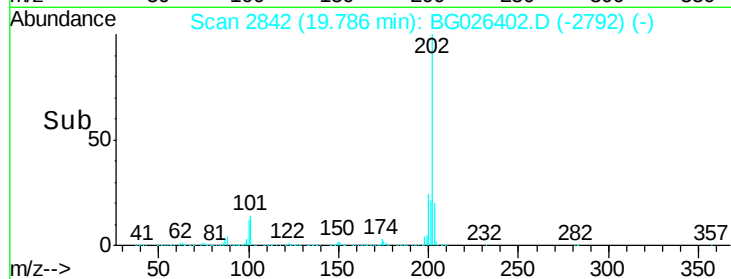
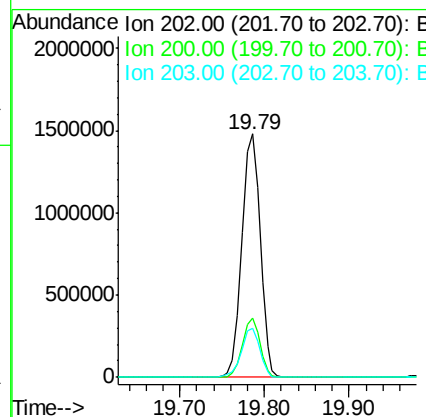
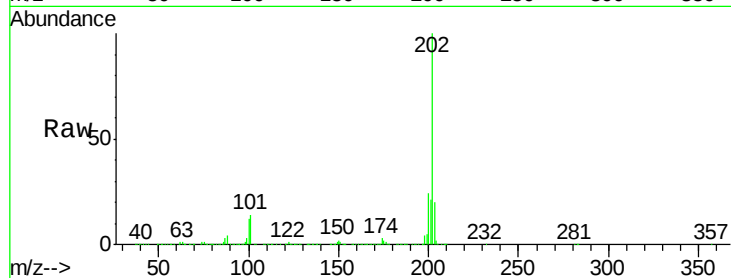
#77
Pvrene
Concen: 38.95 ng
RT: 19.79 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.5	19.6	29.4
203	20.0	15.8	23.8

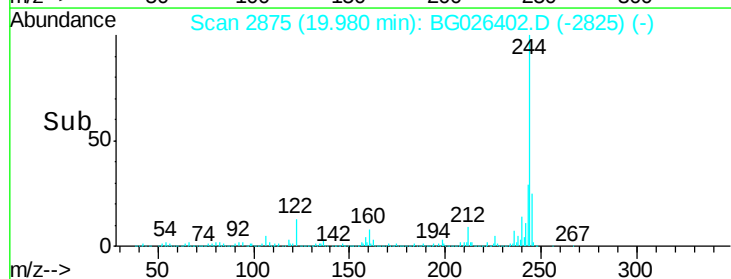
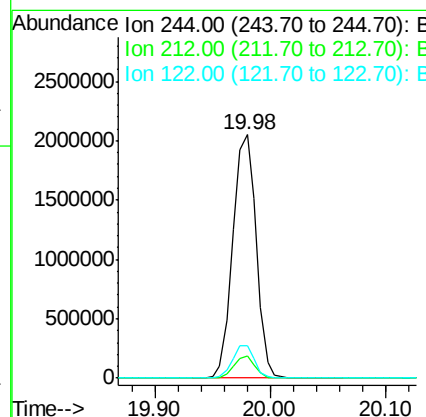
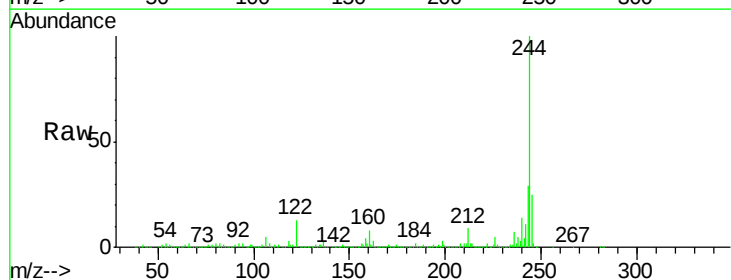
Manual Integrations
APPROVED

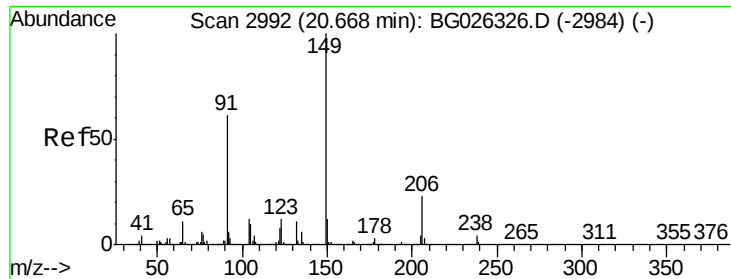
mohammad
3/24/2017 12:17:43 PM



#78
Terphenyl-d14
Concen: 71.35 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	10.0	15.0#
122	13.3	8.6	12.8#





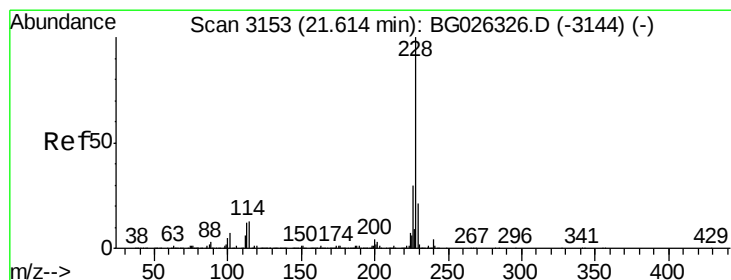
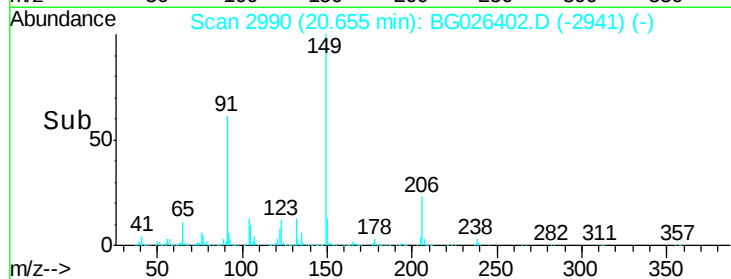
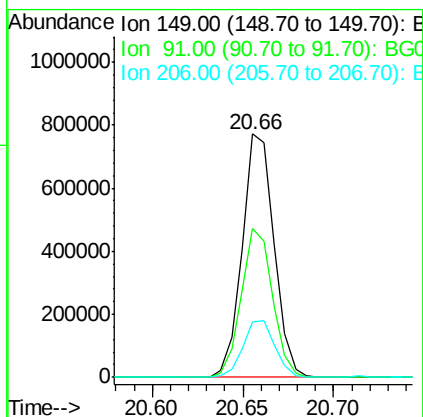
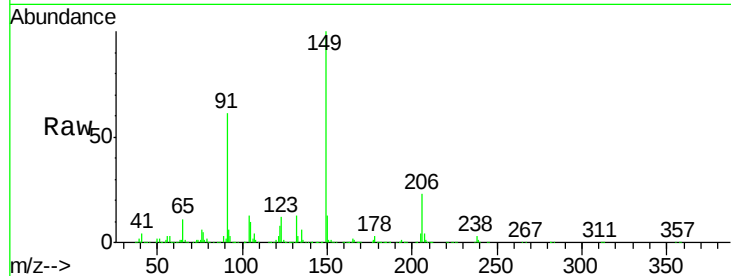
#79
Butylbenzylphthalate
Concen: 41.58 ng
RT: 20.66 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.3	63.5	95.3#
206	22.8	21.0	31.6

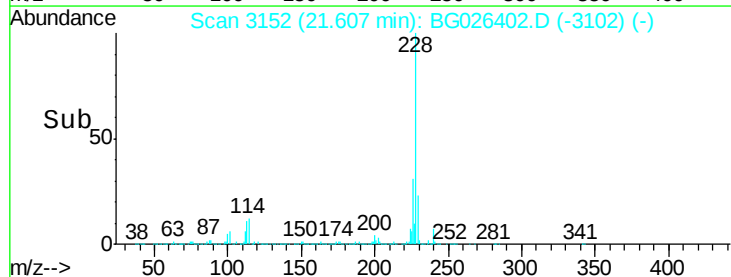
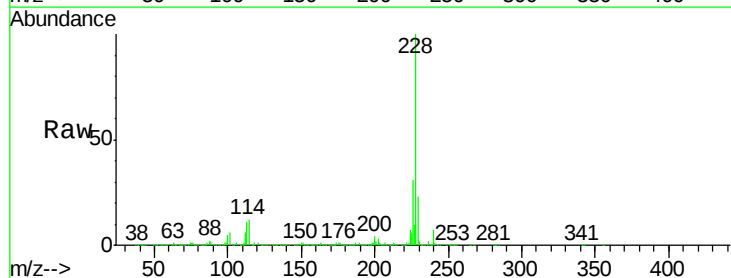
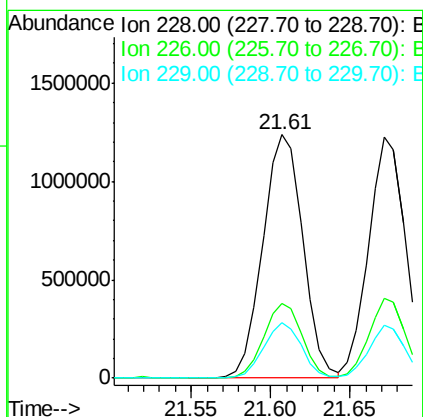
Manual Integrations
APPROVED

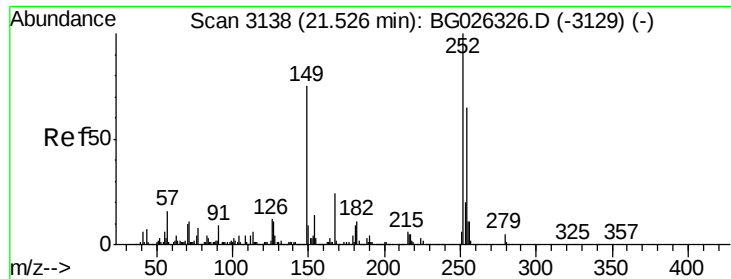
mohammad
3/24/2017 12:17:43 PM



#80
Benzo(a)anthracene
Concen: 39.62 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.7	18.2	27.2





#81

3,3'-Dichlorobenzidine

Concen: 23.94 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Instrument :

BNA_G

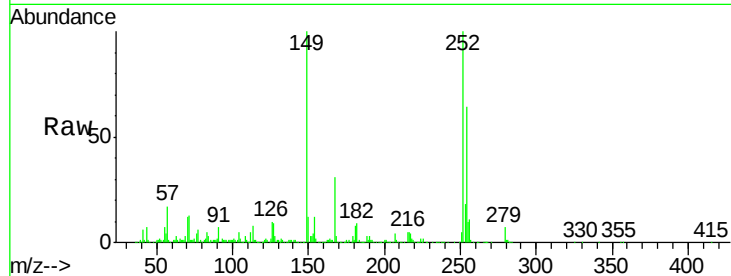
ClientSampleId :

PB97769BS

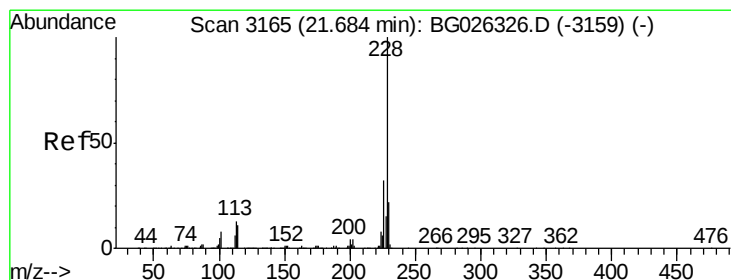
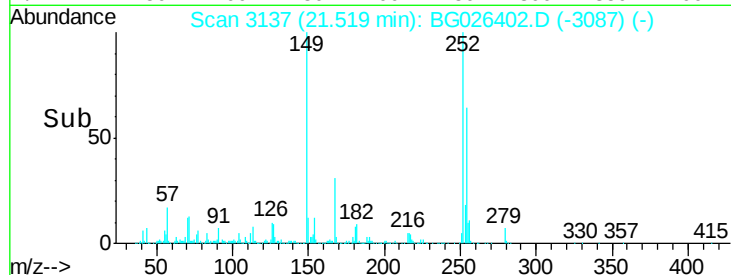
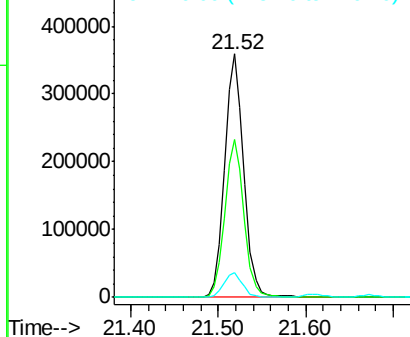
Tot Ion:	252	Resp:	538585
Ion Ratio	Lower	Upper	
252	100		
254	64.6	53.1	79.7
126	10.4	7.0	10.4

Manual Integrations
APPROVED

mohammad
3/24/2017 12:17:43 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: 37.84 ng

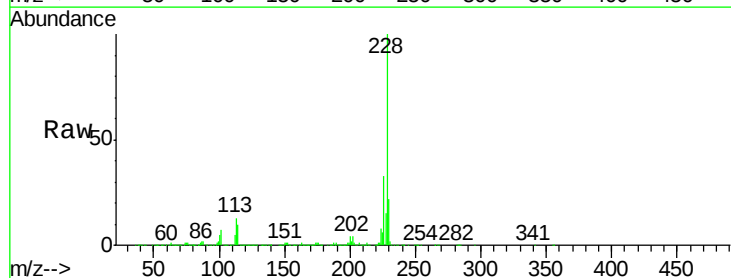
RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

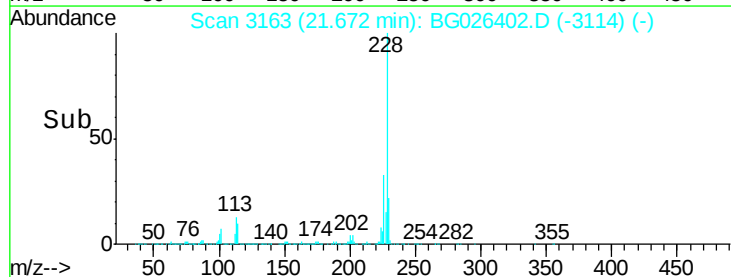
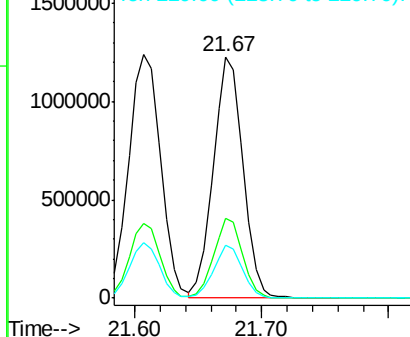
Lab File: BG026402.D

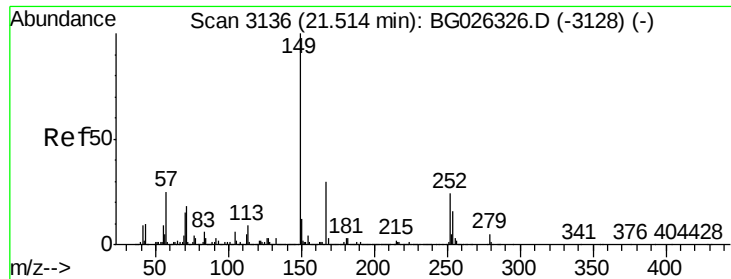
Acq: 23 Mar 2017 14:38

Tgt Ion:	228	Resp:	1986788
Ion Ratio	Lower	Upper	
228	100		
226	33.3	27.0	40.4
229	22.0	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





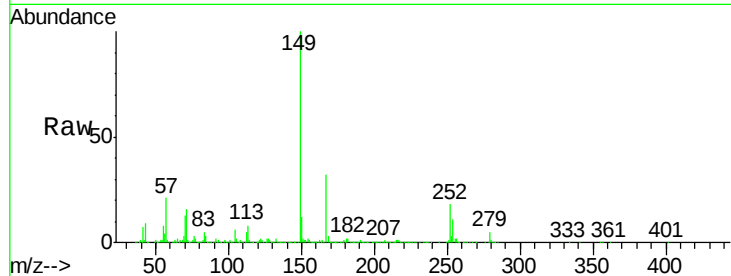
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.82 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB97769BS

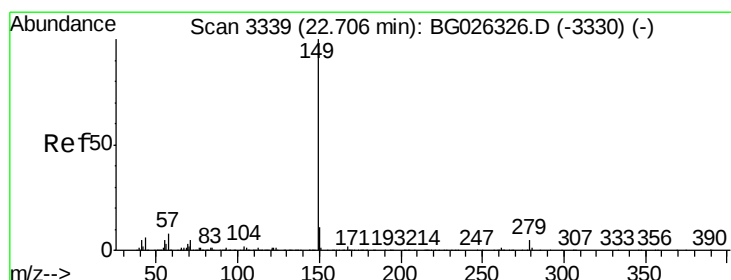
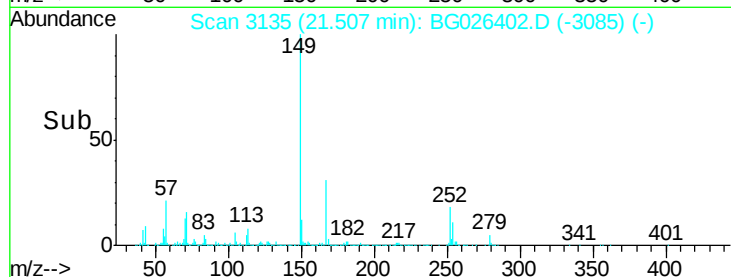
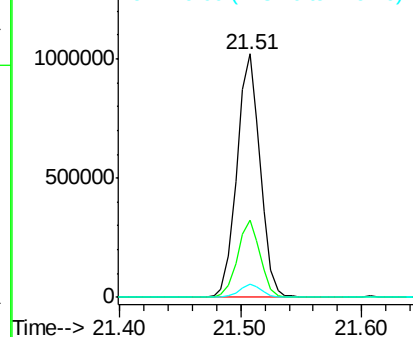
Tot Ion:149 Resp: 1360706
 Ion Ratio Lower Upper
 149 100
 167 31.5 23.7 35.5
 279 5.3 4.6 6.8

Manual Integrations
 APPROVED

mohammad
 3/24/2017 12:17:43 PM

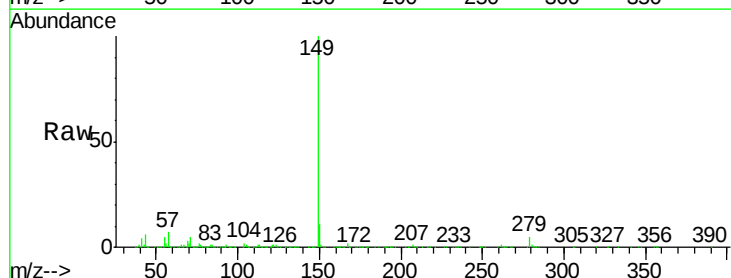


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

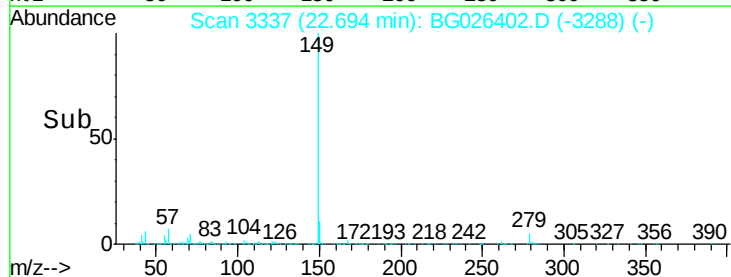
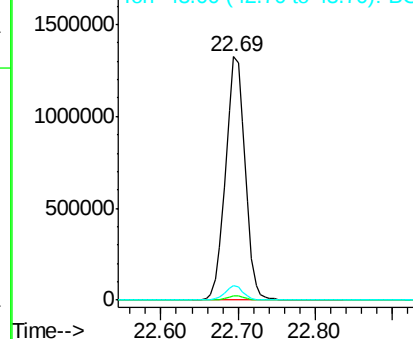


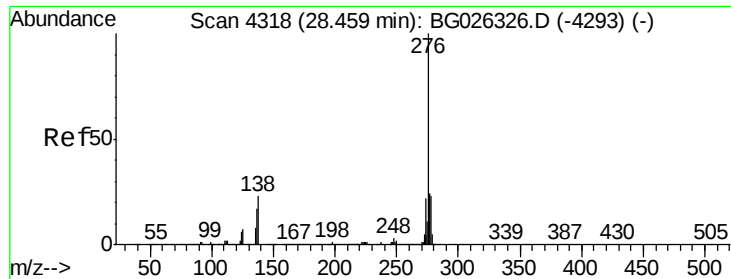
#84
 Di-n-octyl phthalate
 Concen: 39.87 ng
 RT: 22.69 min Scan# 3337
 Delta R.T. -0.01 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Tgt Ion:149 Resp: 2325296
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 5.5 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): BG





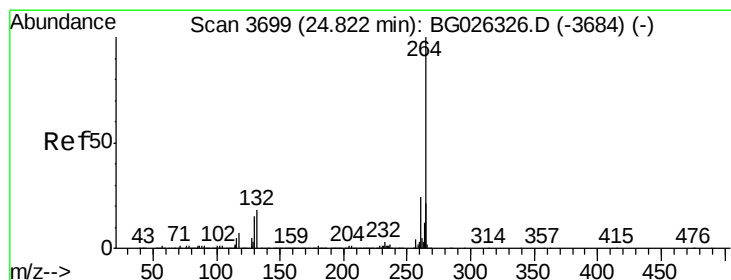
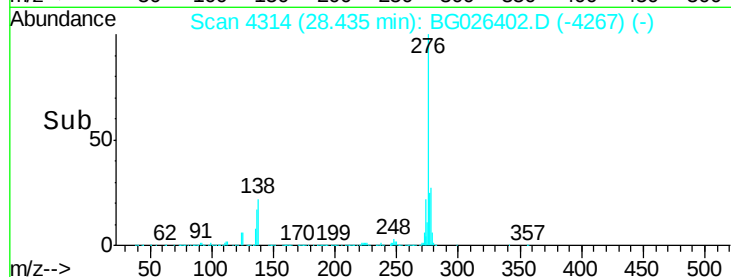
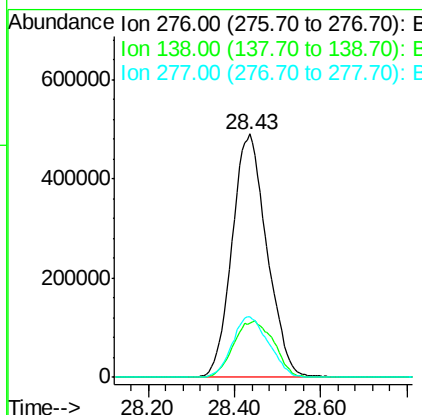
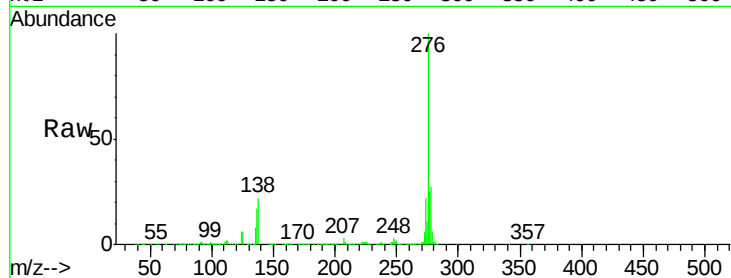
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.76 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.02 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion:276 Resp: 2771769
Ion Ratio Lower Upper
276 100
138 26.7 4.7 7.1#
277 26.3 20.6 31.0

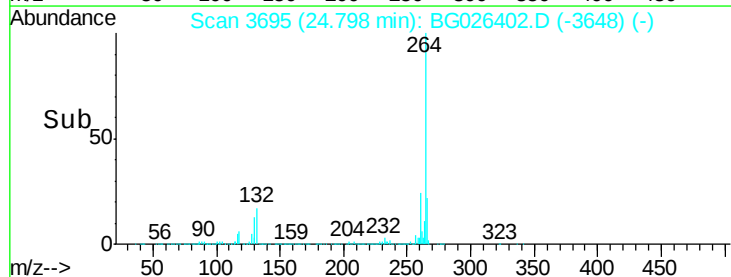
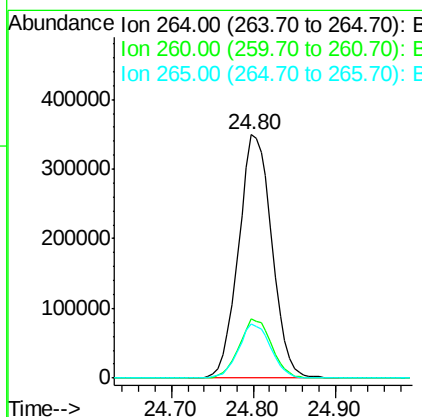
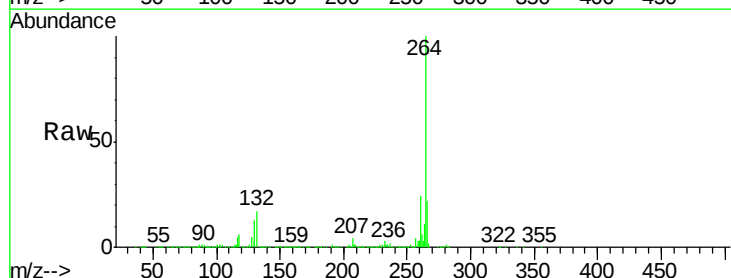
Manual Integrations
APPROVED

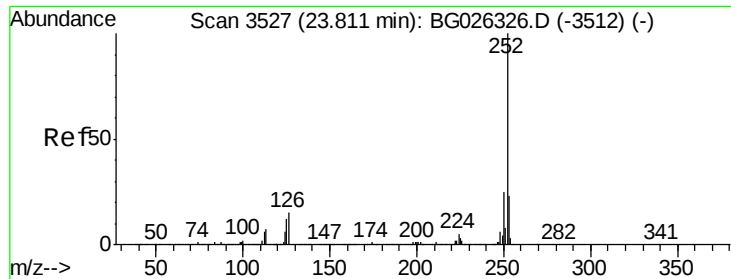
mohammad
3/24/2017 12:17:43 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.80 min Scan# 3695
Delta R.T. -0.02 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion:264 Resp: 990253
Ion Ratio Lower Upper
264 100
260 24.4 21.8 32.8
265 22.3 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 39.42 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

Instrument :

BNA_G

ClientSampleId :

PB97769BS

Tot Ion:252 Resp: 2300909

Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

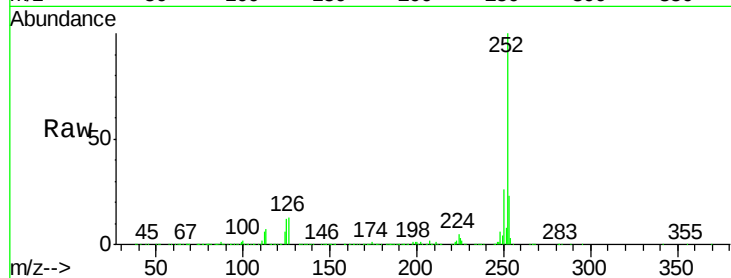
125 11.6 5.3 7.9#

Manual Integrations

APPROVED

mohammad

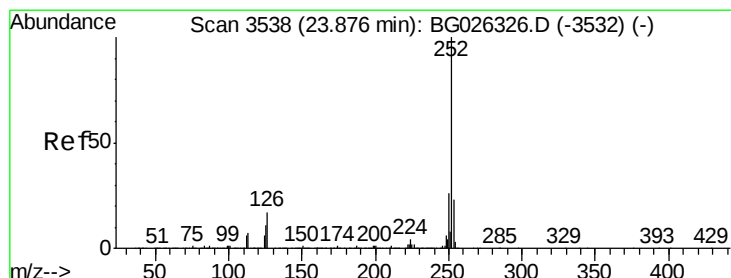
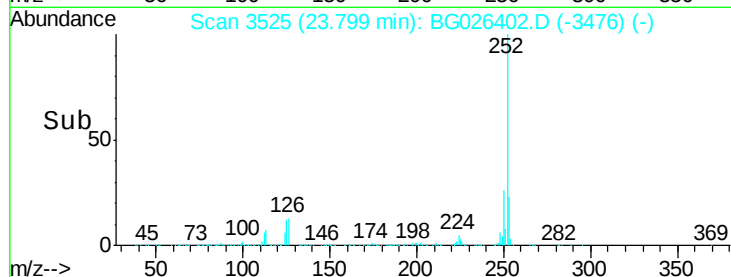
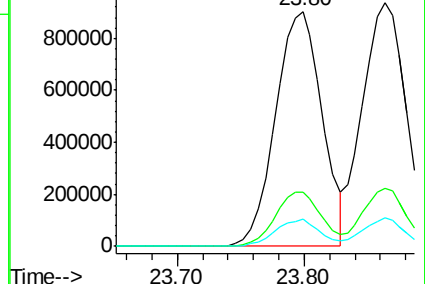
3/24/2017 12:17:43 PM



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: 39.83 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG026402.D

Acq: 23 Mar 2017 14:38

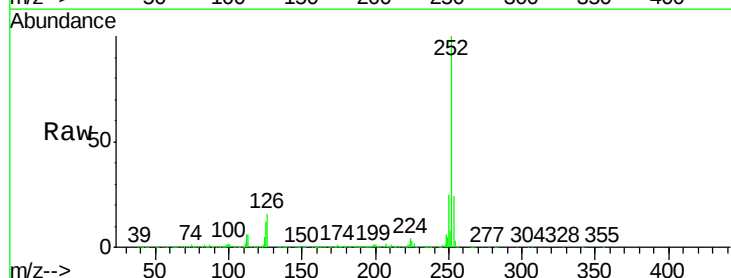
Tgt Ion:252 Resp: 2254835

Ion Ratio Lower Upper

252 100

253 24.0 20.2 30.2

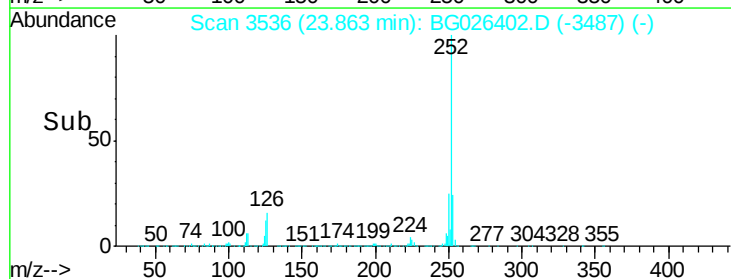
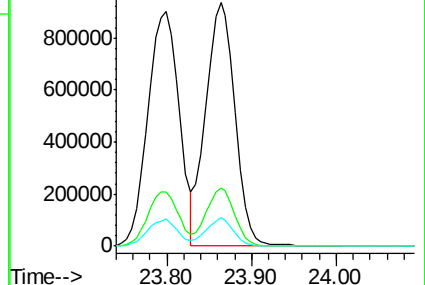
125 11.5 5.1 7.7#

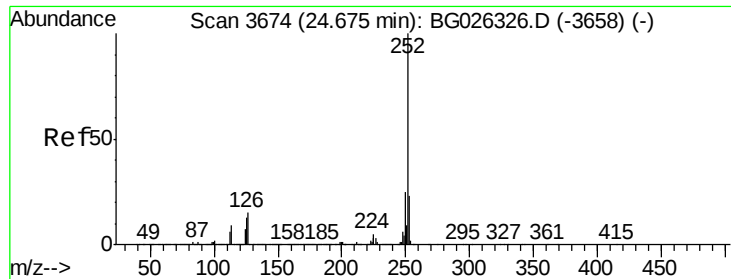


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





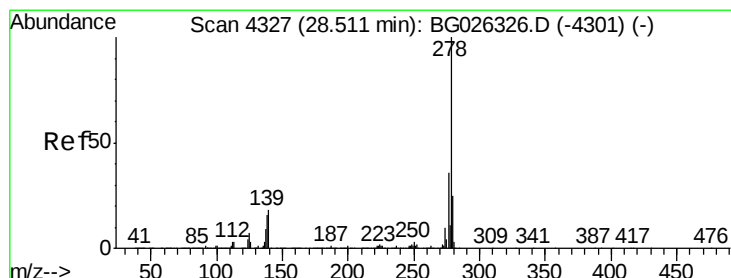
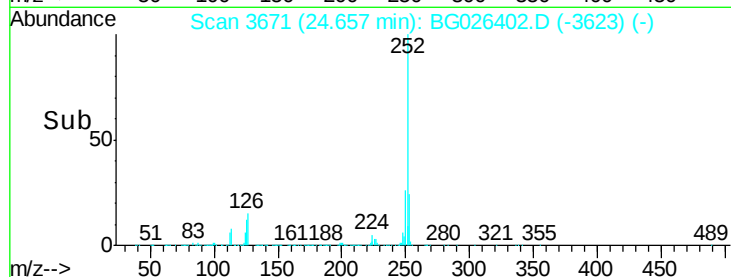
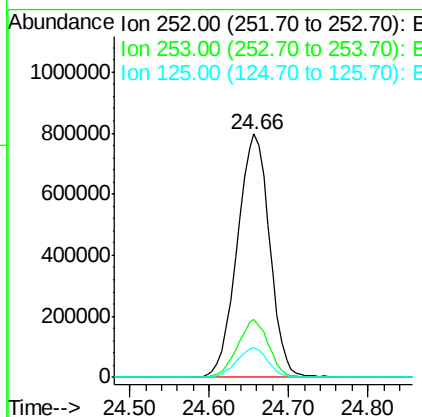
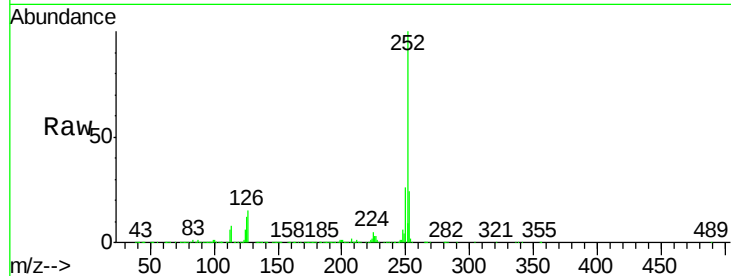
#89
Benzo(a)pyrene
Concen: 40.34 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.02 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	12.1	5.4	8.0

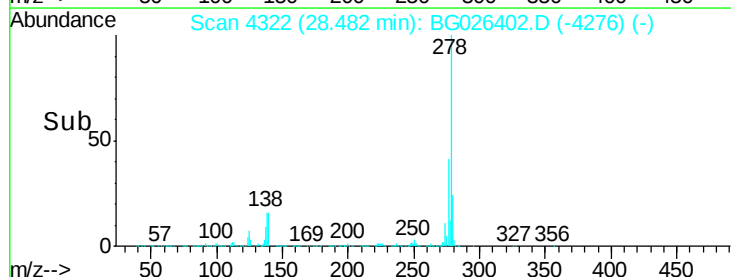
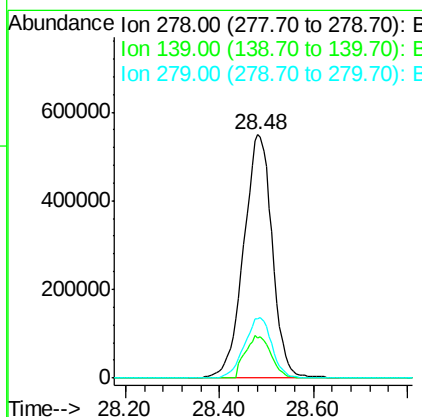
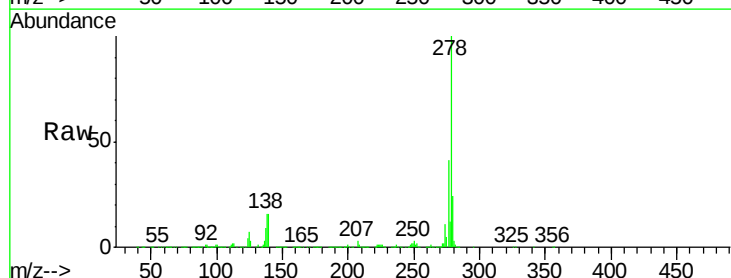
Manual Integrations
APPROVED

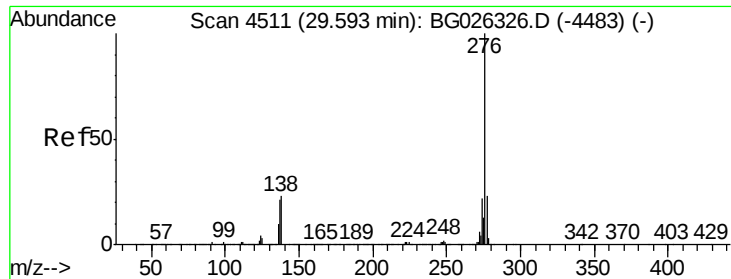
mohammad
3/24/2017 12:17:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.86 ng
RT: 28.48 min Scan# 4322
Delta R.T. -0.03 min
Lab File: BG026402.D
Acq: 23 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	7.7	11.5
279	24.2	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 40.43 ng
 RT: 29.57 min Scan# 4507
 Delta R.T. -0.02 min
 Lab File: BG026402.D
 Acq: 23 Mar 2017 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB97769BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	22.7	8.1	12.1

Manual Integrations
 APPROVED

mohammad
 3/24/2017 12:17:43 PM

