

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
 Data File : BG025999.D
 Acq On : 28 Feb 2017 16:20
 Operator : SJ/MA
 Sample : PB97196BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Manual Integrations
 APPROVED

mohammad
 3/1/2017 3:07:05 PM

Quant Time: Mar 01 00:57:41 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	103847	20.00	ng	-0.02
21) Naphthalene-d8	10.88	136	489353	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	337762	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	908991	20.00	ng	0.00
75) Chrysene-d12	21.66	240	925080	20.00	ng	-0.02
86) Perylene-d12	24.86	264	911904	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	803466	134.70	ng	-0.01
7) Phenol-d6	7.23	99	1107307	125.45	ng	0.00
23) Nitrobenzene-d5	9.23	82	599411	77.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	552245	176.97	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1701357	88.02	ng	-0.02
78) Terphenyl-d14	20.01	244	2570847	67.59	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	75062	27.53	ng	# 80
3) Pyridine	3.93	79	216113	26.60	ng	# 69
4) n-Nitrosodimethylamine	3.84	42	87250	29.87	ng	# 22
6) Aniline	7.40	93	233260	19.01	ng	# 90
8) 2-Chlorophenol	7.64	128	290327	40.95	ng	# 86
9) Benzaldehyde	7.21	77	99074	18.94	ng	# 70
10) Phenol	7.26	94	381770	39.80	ng	# 73
11) bis(2-Chloroethyl)ether	7.49	93	256779	32.57	ng	# 85
12) 1,3-Dichlorobenzene	7.97	146	282767	34.51	ng	# 86
13) 1,4-Dichlorobenzene	8.11	146	290585	35.01	ng	# 94
14) 1,2-Dichlorobenzene	8.43	146	284830	34.95	ng	# 91
15) Benzyl Alcohol	8.31	79	246312	38.11	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.61	45	310111	27.11	ng	# 87
17) 2-Methylphenol	8.51	107	267239	38.68	ng	# 81
18) Hexachloroethane	9.16	117	93348	33.93	ng	# 88
19) n-Nitroso-di-n-propylamine	8.87	70	211102	32.75	ng	# 78
20) 3+4-Methylphenols	8.83	107	378752	38.47	ng	# 85
22) Acetophenone	8.89	105	419289	35.71	ng	# 78
24) Nitrobenzene	9.27	77	301884	36.00	ng	# 76
25) Isophorone	9.79	82	595100	34.87	ng	# 88
26) 2-Nitrophenol	9.98	139	168729	43.03	ng	# 66
27) 2,4-Dimethylphenol	10.04	122	311375	42.55	ng	# 87
28) bis(2-Chloroethoxy)methane	10.28	93	378391	34.99	ng	# 99
29) 2,4-Dichlorophenol	10.52	162	315526	45.17	ng	# 96
30) 1,2,4-Trichlorobenzene	10.74	180	293356	38.62	ng	# 98
31) Naphthalene	10.93	128	916039	36.21	ng	# 99
32) Benzoic acid	10.16	122	240620	43.06	ng	# 77
33) 4-Chloroaniline	11.03	127	93852	8.54	ng	# 85
34) Hexachlorobutadiene	11.22	225	159144	36.82	ng	# 98
35) Caprolactam	11.79	113	137123m	48.61	ng	# 83
36) 4-Chloro-3-methylphenol	12.14	107	369059	44.16	ng	# 92
37) 2-Methylnaphthalene	12.52	142	738085	38.30	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	339440	40.10	ng	# 99
40) Hexachlorocyclopentadiene	12.87	237	370400	79.96	ng	# 95

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
 Data File : BG025999.D
 Acq On : 28 Feb 2017 16:20
 Operator : SJ/MA
 Sample : PB97196BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB97196BS

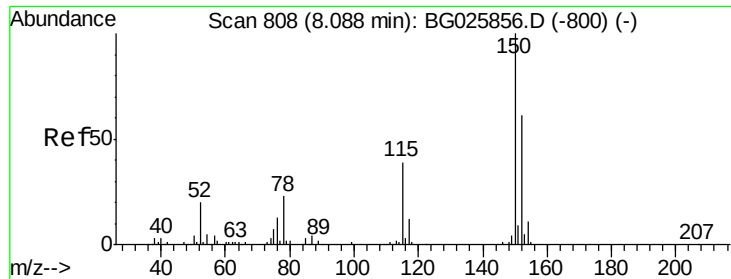
Manual Integrations
 APPROVED

mohammad
 3/1/2017 3:07:05 PM

Quant Time: Mar 01 00:57:41 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	275406	50.37	ng	94
43) 2,4,5-Trichlorophenol	13.19	196	297383	47.91	ng #	93
45) 1,1'-Biphenyl	13.52	154	1000172	40.86	ng	98
46) 2-Chloronaphthalene	13.56	162	744291	42.06	ng	97
47) 2-Nitroaniline	13.75	65	255783	45.58	ng #	65
48) Acenaphthylene	14.40	152	1322539	41.98	ng	99
49) Dimethylphthalate	14.13	163	1063680	45.90	ng	98
50) 2,6-Dinitrotoluene	14.25	165	252797	48.57	ng #	64
51) Acenaphthene	14.74	154	867414	41.69	ng	99
52) 3-Nitroaniline	14.57	138	125945	21.63	ng #	66
53) 2,4-Dinitrophenol	14.78	184	309773	113.73	ng #	85
54) Dibenzofuran	15.08	168	1304085	47.01	ng	91
55) 4-Nitrophenol	14.88	139	493131	104.07	ng #	45
56) 2,4-Dinitrotoluene	15.03	165	370544	52.91	ng #	75
57) Fluorene	15.72	166	1104429	44.56	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	304214	55.56	ng	99
59) Diethylphthalate	15.49	149	1123771	46.89	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	521661	45.42	ng	91
61) 4-Nitroaniline	15.73	138	299530	49.63	ng #	53
62) Azobenzene	16.00	77	988551	47.98	ng	85
64) 4,6-Dinitro-2-methylphenol	15.79	198	220132	41.38	ng	88
65) n-Nitrosodiphenylamine	15.92	169	1017984	36.93	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	361588	37.95	ng	97
67) Hexachlorobenzene	16.72	284	375770	38.27	ng	95
68) Atrazine	16.86	200	384613	39.42	ng	97
69) Pentachlorophenol	17.06	266	497601	82.15	ng	97
70) Phenanthrene	17.46	178	1827761	37.04	ng	97
71) Anthracene	17.54	178	1887693	37.52	ng	99
72) Carbazole	17.80	167	1759410	34.81	ng	96
73) Di-n-butylphthalate	18.36	149	2028168	40.88	ng #	95
74) Fluoranthene	19.45	202	2047157	37.68	ng	95
76) Benzidine	19.62	184	559532	19.16	ng	99
77) Pyrene	19.81	202	2059628	35.20	ng	98
79) Butylbenzylphthalate	20.69	149	897010	40.40	ng	86
80) Benzo(a)anthracene	21.64	228	1974743	36.56	ng	99
81) 3,3'-Dichlorobenzidine	21.55	252	437200	22.71	ng #	98
82) Chrysene	21.70	228	1799719	34.65	ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	1262455	39.38	ng	96
84) Di-n-octyl phthalate	22.74	149	2179905	41.17	ng #	84
85) Indeno(1,2,3-cd)pyrene	28.50	276	2392957	39.12	ng #	87
87) Benzo(b)fluoranthene	23.84	252	2016714	36.93	ng #	96
88) Benzo(k)fluoranthene	23.91	252	2007578	37.67	ng #	95
89) Benzo(a)pyrene	24.71	252	1964614	37.99	ng #	93
90) Dibenzo(a,h)anthracene	28.57	278	1989378	38.29	ng #	91
91) Benzo(g,h,i)perylene	29.64	276	1999499	38.38	ng #	88

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



#1

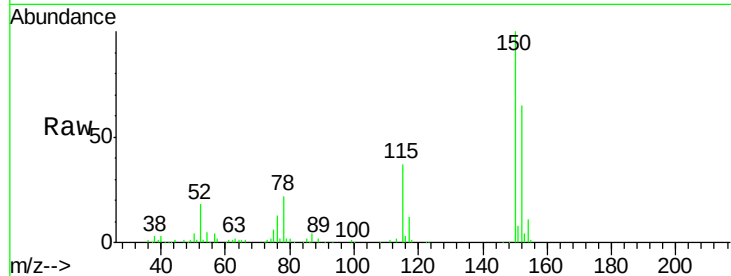
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 806
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

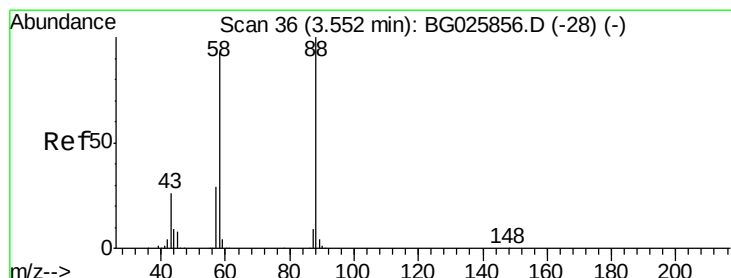
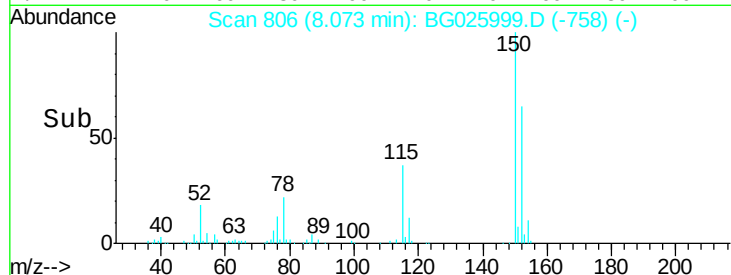
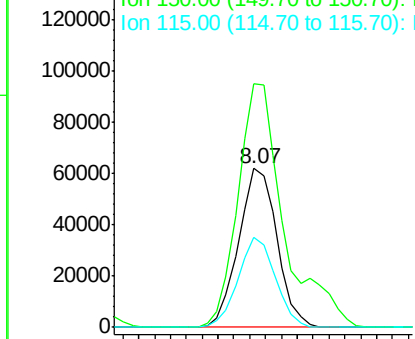
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.1	114.0	171.0
115	56.8	48.1	72.1

Manual Integrations
APPROVED

mohammad
3/1/2017 3:07:05 PM



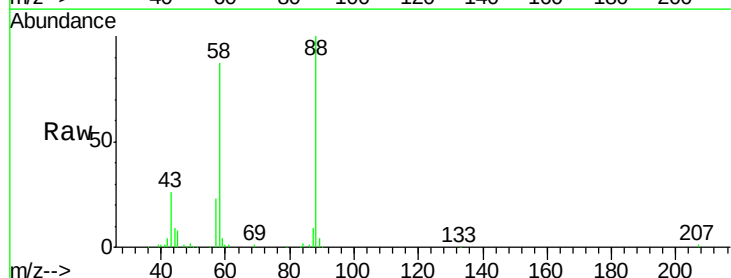
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



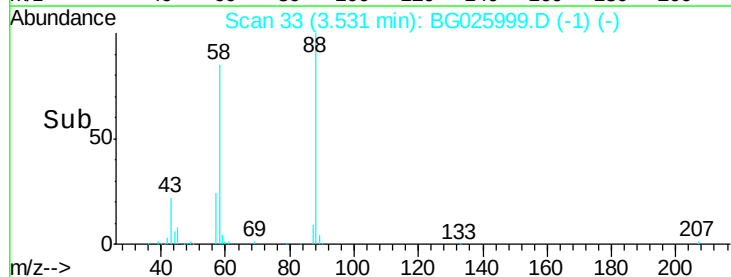
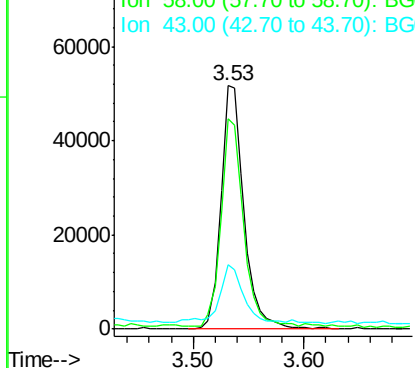
#2

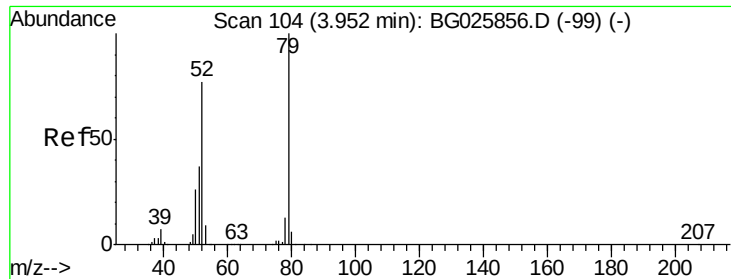
1,4-Dioxane
Concen: 27.53 ng
RT: 3.53 min Scan# 33
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	79.4	119.2
43	24.5	33.8	50.6



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 26.60 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

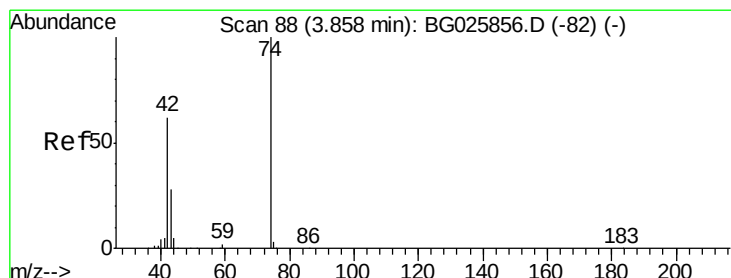
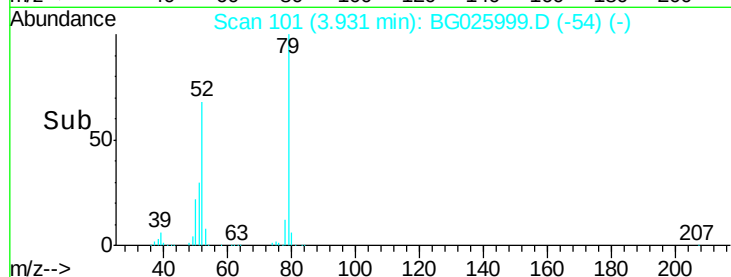
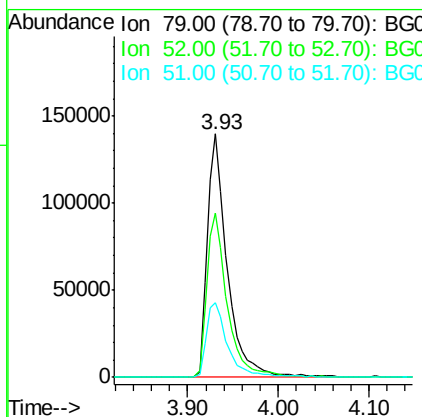
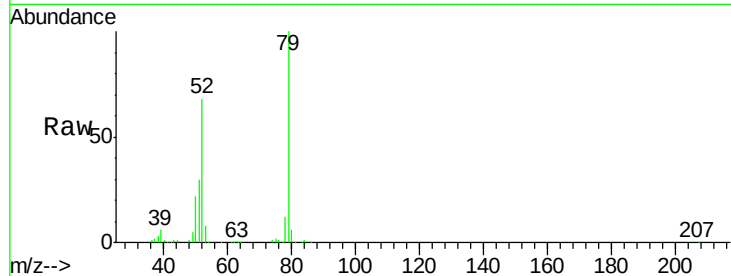
ClientSampleId :

PB97196BS

Tgt Ion:	79	Resp:	216113
Ion	Ratio	Lower	Upper
79	100		
52	67.7	77.8	116.6#
51	30.4	43.2	64.8#

Manual Integrations
APPROVED

mohammad
3/1/2017 3:07:05 PM



#4

n-Nitrosodimethylamine

Concen: 29.87 ng

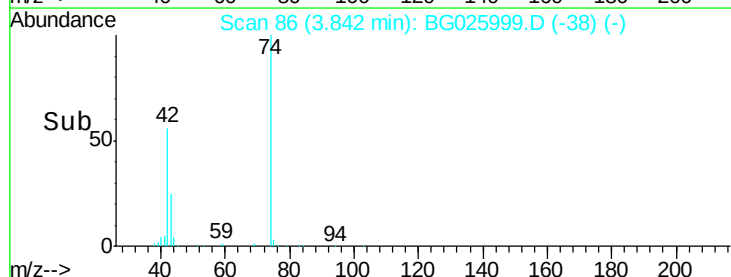
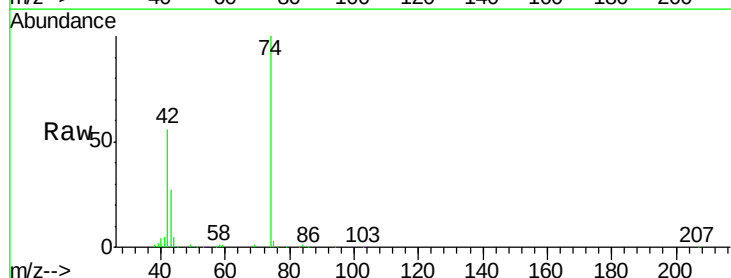
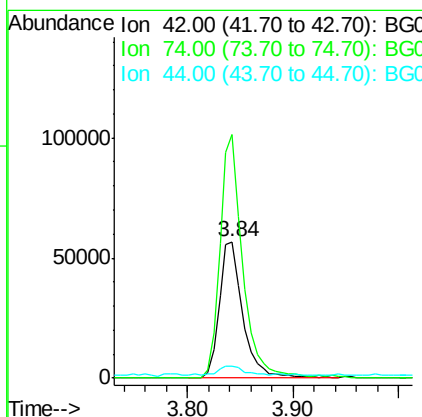
RT: 3.84 min Scan# 86

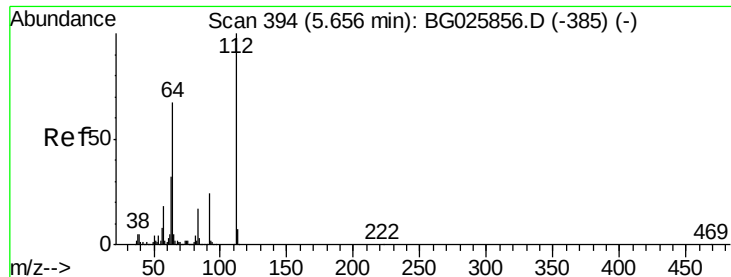
Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Tgt Ion:	42	Resp:	87250
Ion	Ratio	Lower	Upper
42	100		
74	178.3	76.7	115.1#
44	9.0	6.1	9.1





#5

2-Fluorophenol

Concen: 134.70 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

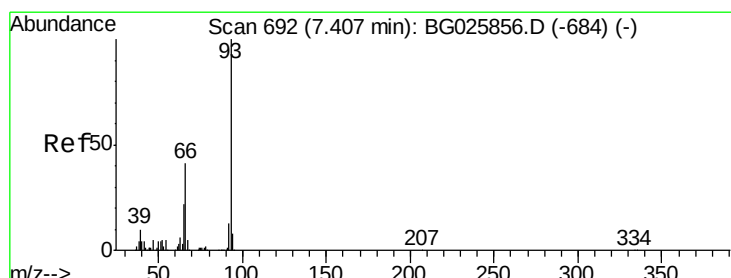
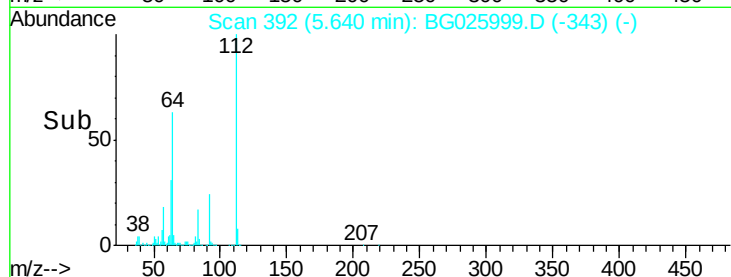
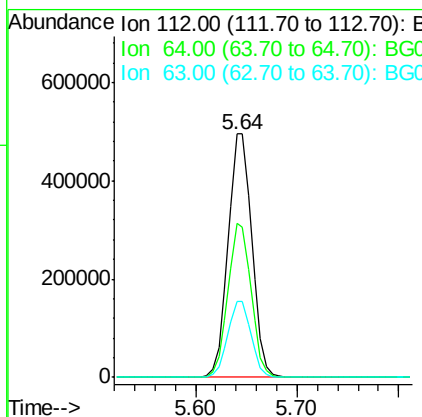
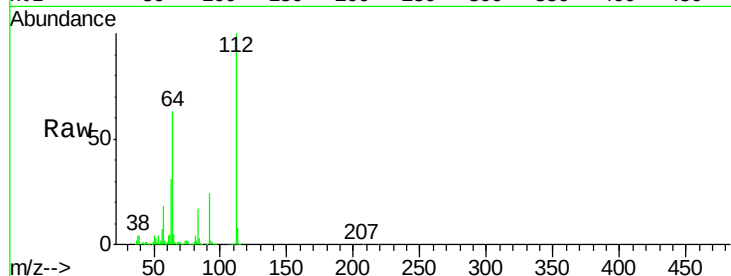
ClientSampleId :

PB97196BS

Tgt Ion:	112	Resp:	803466
Ion Ratio	Lower	Upper	
112	100		
64	63.1	61.8	92.6
63	31.2	37.2	55.8#

Manual Integrations
APPROVED

mohammad
3/1/2017 3:07:05 PM



#6

Aniline

Concen: 19.01 ng

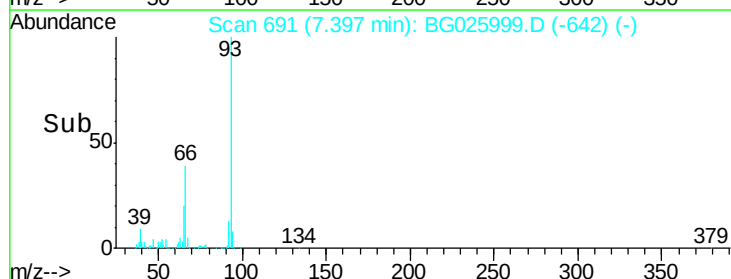
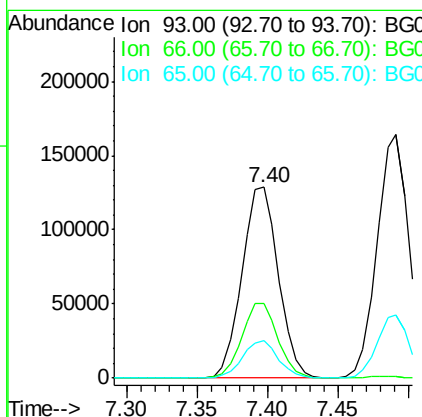
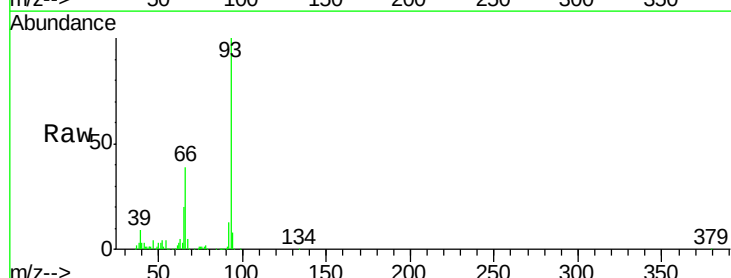
RT: 7.40 min Scan# 691

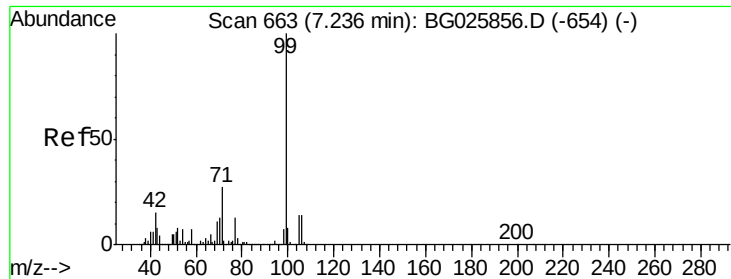
Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Tgt Ion:	93	Resp:	233260
Ion Ratio	Lower	Upper	
93	100		
66	39.2	35.4	53.2
65	19.5	21.2	31.8#





#7

Phenol-d6

Concen: 125.45 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

Tgt Ion: 99 Resp: 1107307

Ion Ratio Lower Upper

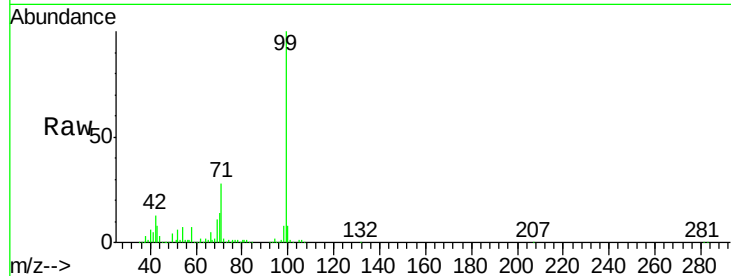
99 100

42 13.4 20.5 30.7#

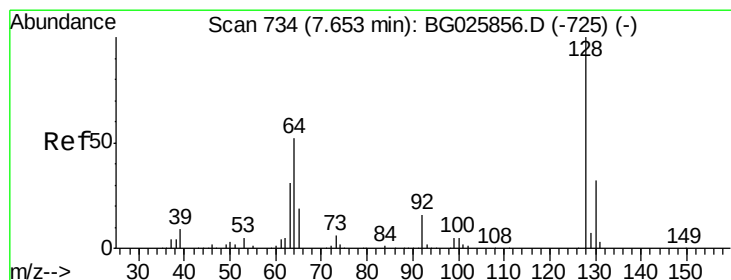
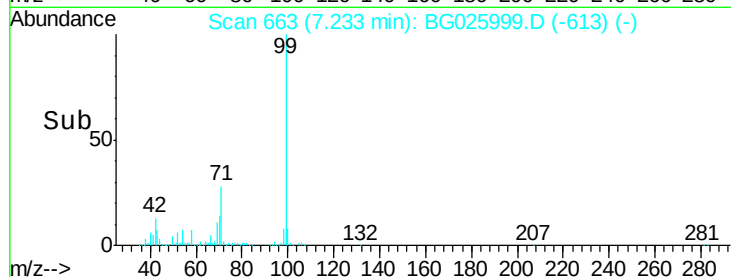
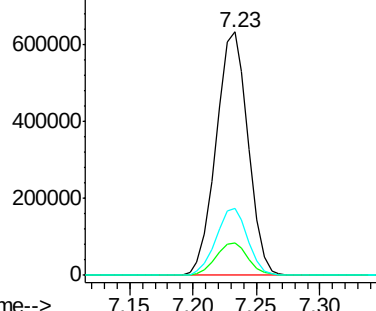
71 27.6 37.6 56.4#

Manual Integrations
APPROVED

mohammad
3/1/2017 3:07:05 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: 40.95 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

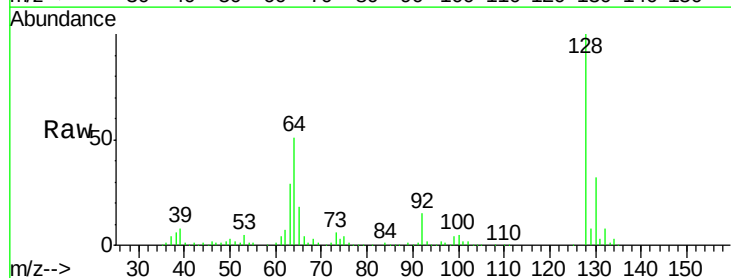
Tgt Ion: 128 Resp: 290327

Ion Ratio Lower Upper

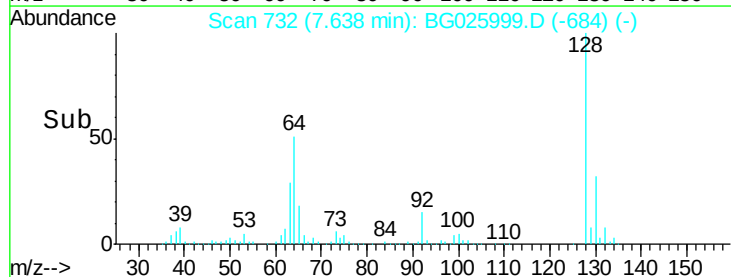
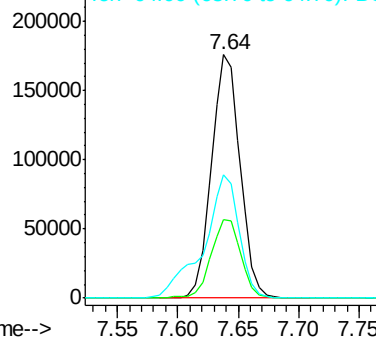
128 100

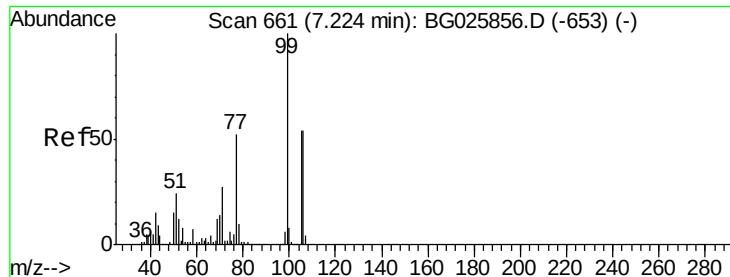
130 32.1 11.4 51.4

64 50.7 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: 18.94 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

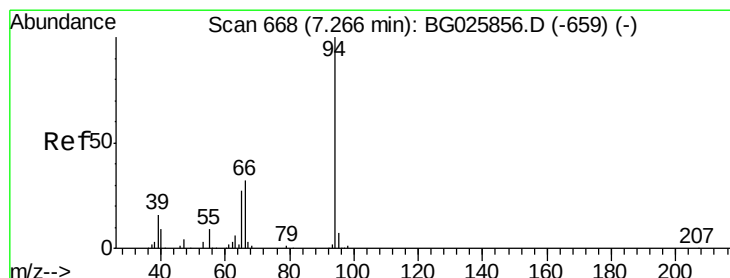
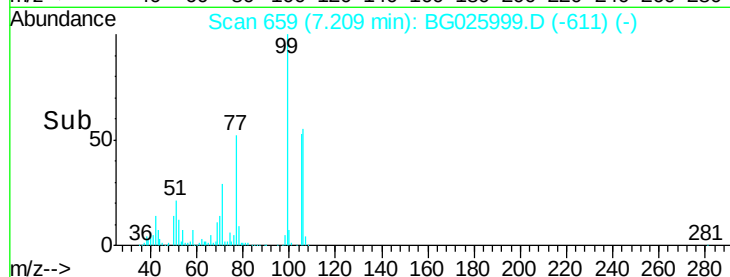
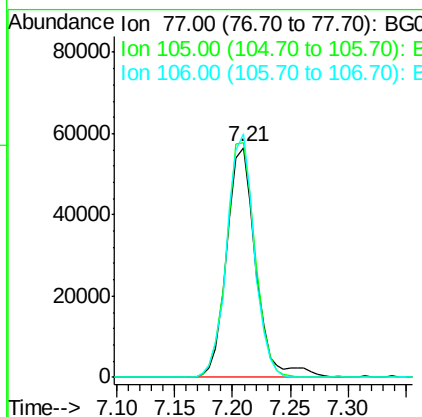
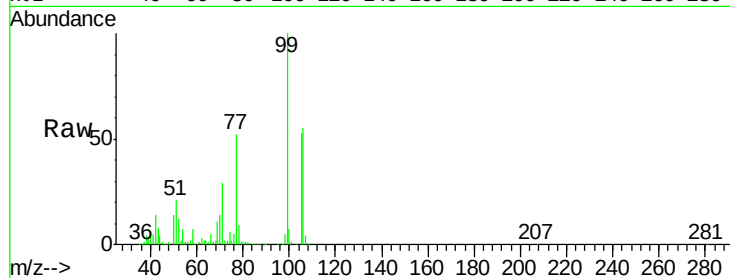
ClientSampleId :

PB97196BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	102.1	60.9	100.9#
106	105.9	55.1	95.1#

Manual Integrations
APPROVED

mohammad
3/1/2017 3:07:05 PM



#10

Phenol

Concen: 39.80 ng

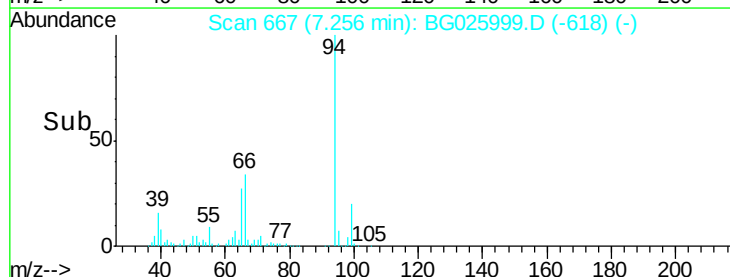
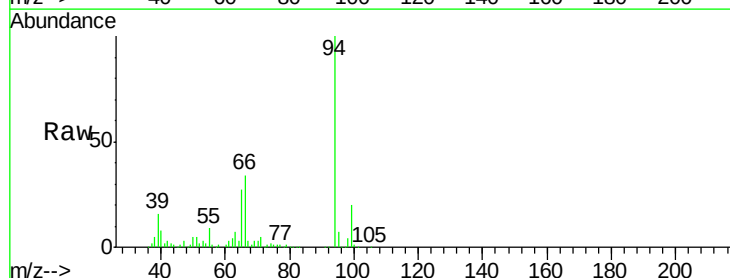
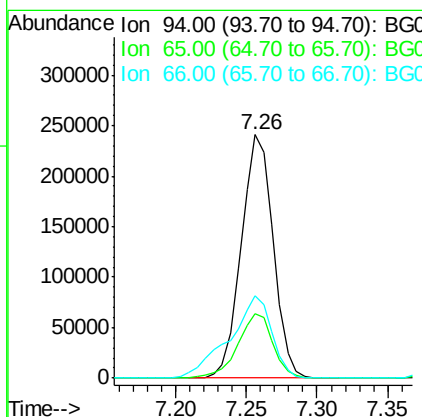
RT: 7.26 min Scan# 667

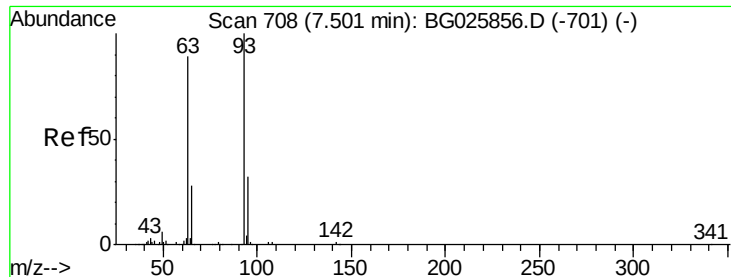
Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.6	20.6	60.6
66	33.7	35.5	75.5#





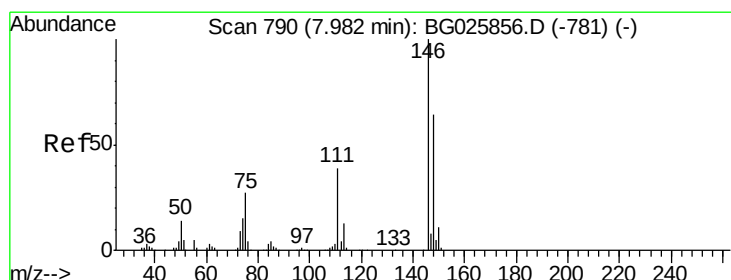
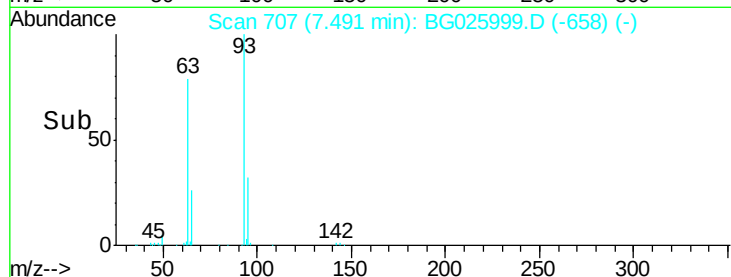
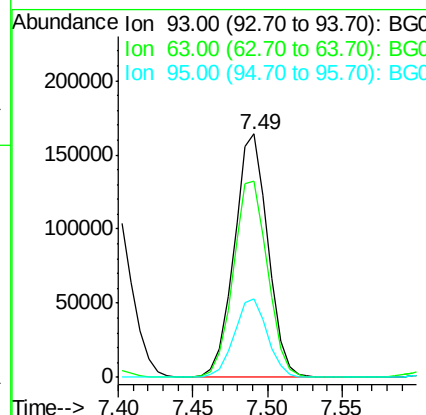
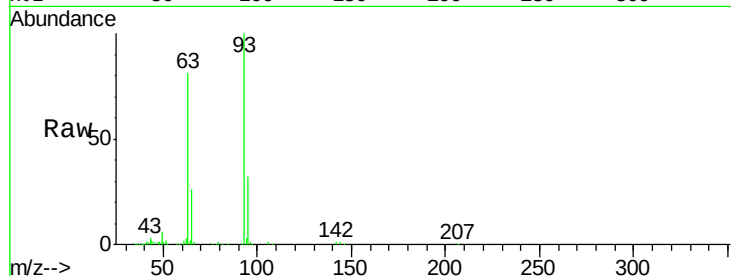
#11
bis(2-Chloroethyl)ether
Concen: 32.57 ng
RT: 7.49 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	256779		
63	80.5		78.5	118.5
95	32.0		9.8	49.8

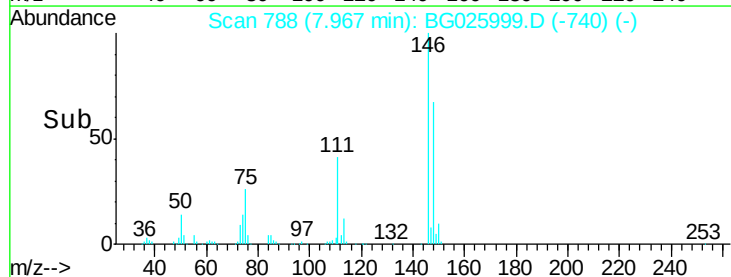
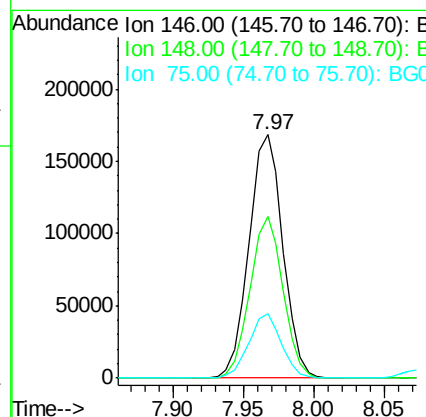
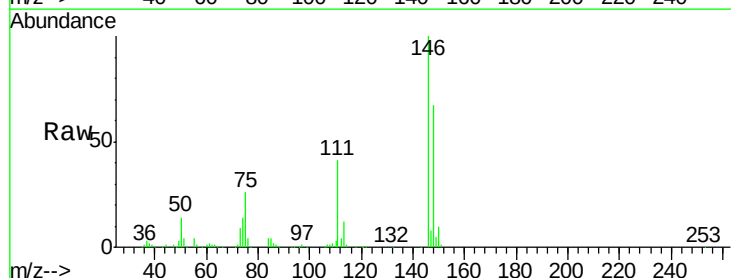
Manual Integrations
APPROVED

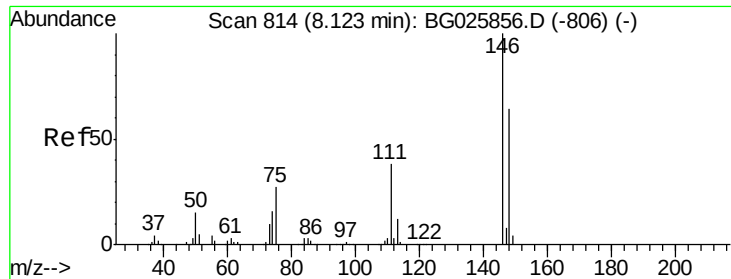
mohammad
3/1/2017 3:07:05 PM



#12
1,3-Dichlorobenzene
Concen: 34.51 ng
RT: 7.97 min Scan# 788
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	282767		
148	66.7		49.2	73.8
75	26.2		33.4	50.2





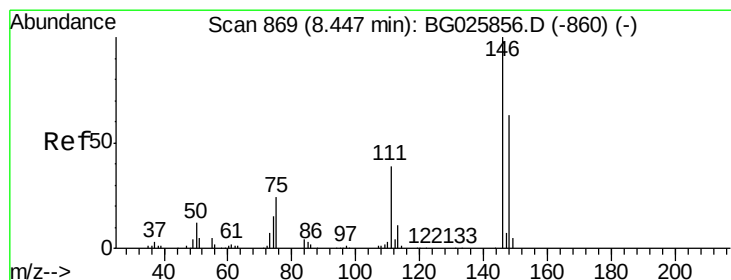
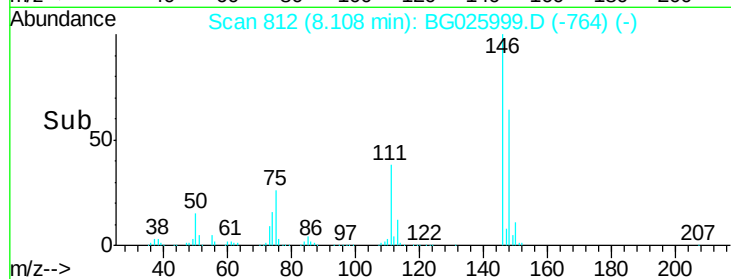
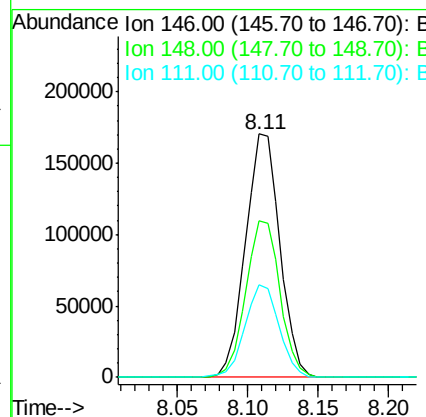
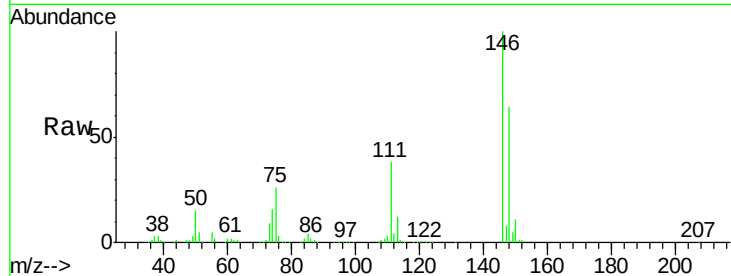
#13
 1,4-Dichlorobenzene
 Concen: 35.01 ng
 RT: 8.11 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	290585		
148	64.3	52.2	78.2	
111	38.0	37.0	55.6	

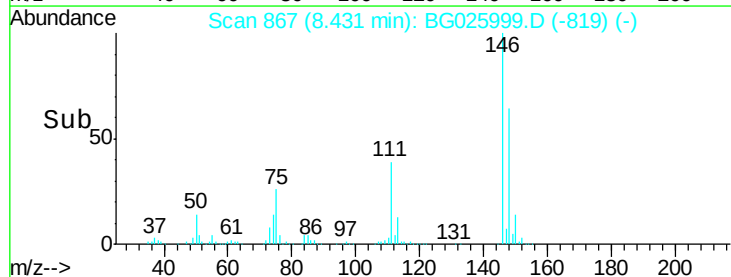
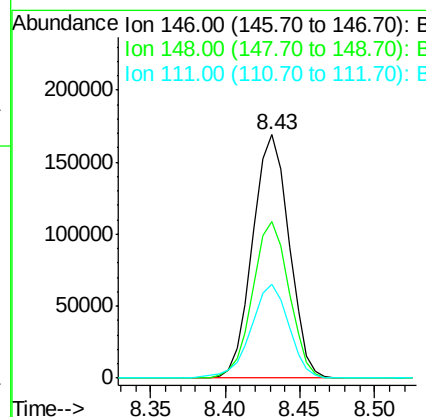
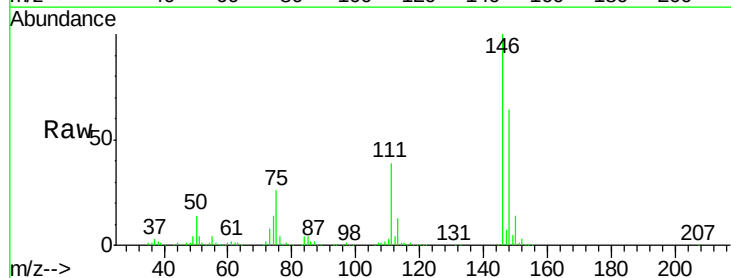
Manual Integrations
 APPROVED

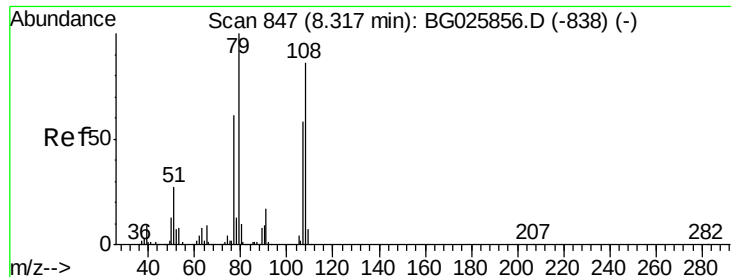
mohammad
 3/1/2017 3:07:05 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.95 ng
 RT: 8.43 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	284830		
148	64.5	54.6	81.8	
111	38.6	39.7	59.5	





#15

Benzyl Alcohol

Concen: 38.11 ng

RT: 8.31 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

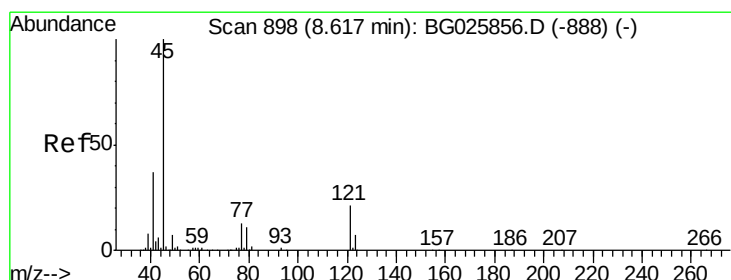
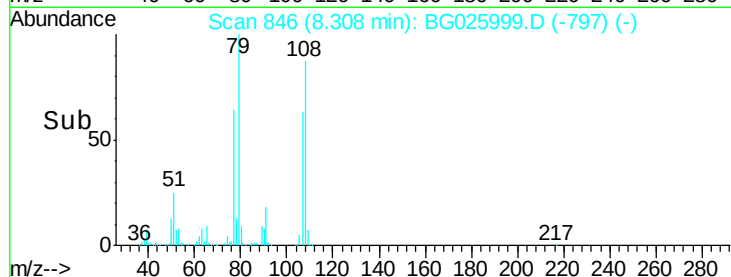
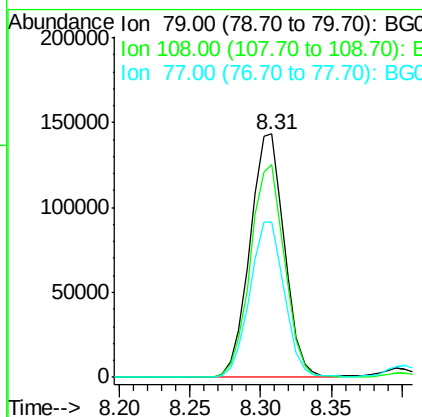
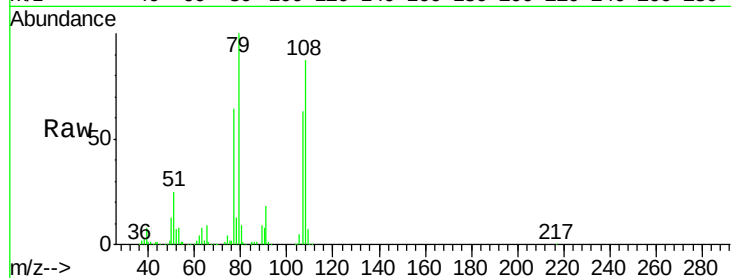
ClientSampleId :

PB97196BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	87.4	45.5	68.3#
77	64.0	54.3	81.5

Manual Integrations
APPROVED

mohammad
3/1/2017 3:07:05 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.11 ng

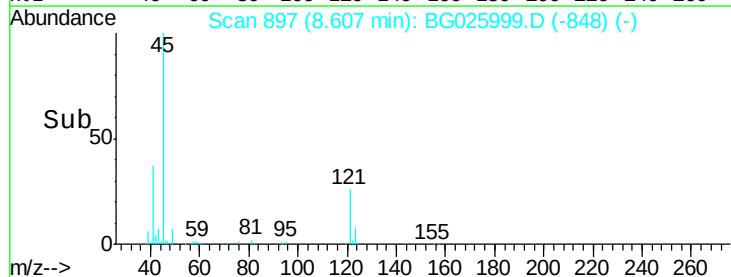
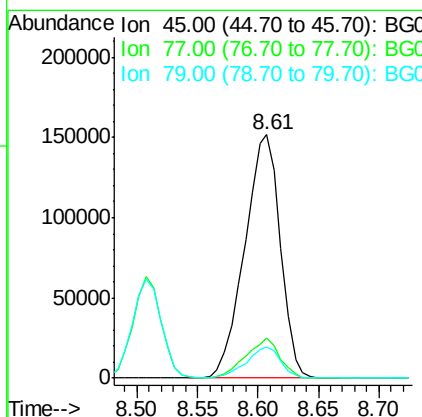
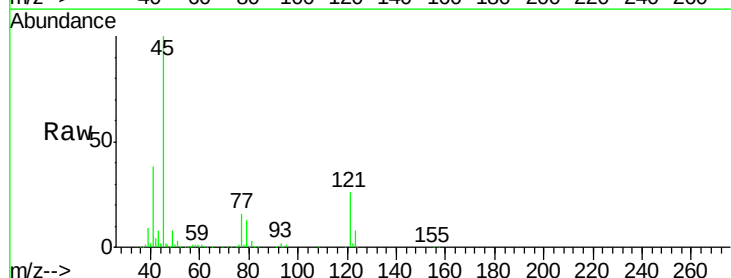
RT: 8.61 min Scan# 897

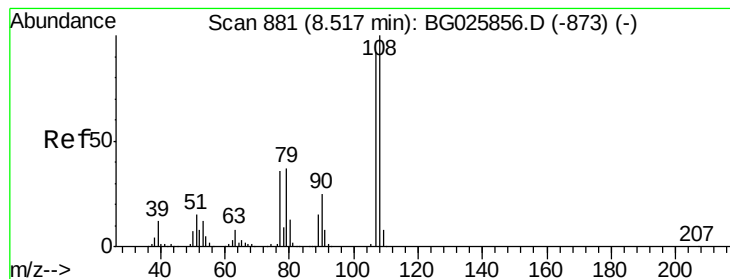
Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

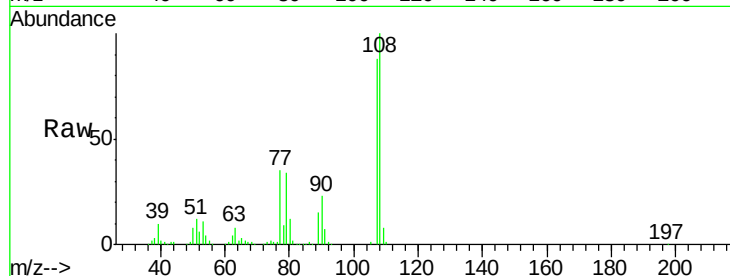
Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	30.6
79	12.6	0.0	28.5





#17
 2-Methylphenol
 Concen: 38.68 ng
 RT: 8.51 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

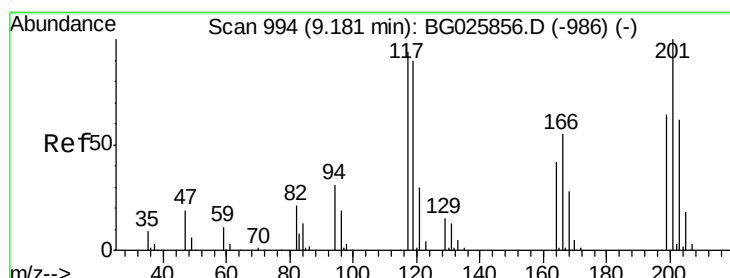
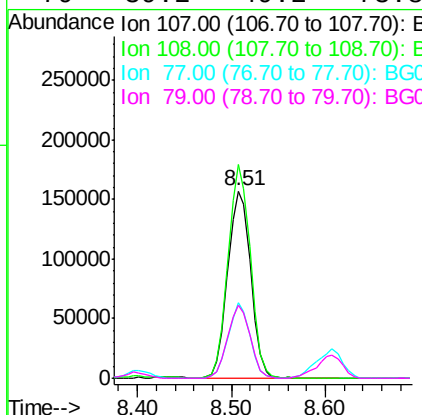
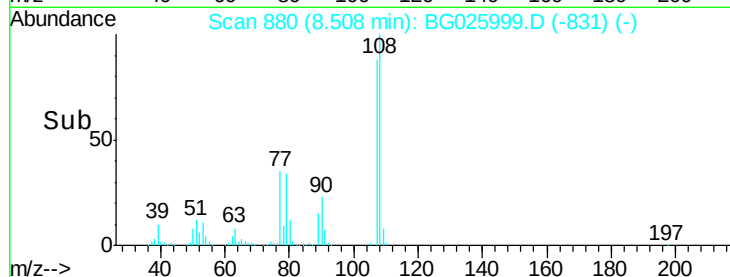
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	267239		
108	113.9	85.6	128.4	
77	40.1	51.4	77.2#	
79	39.2	49.2	73.8#	

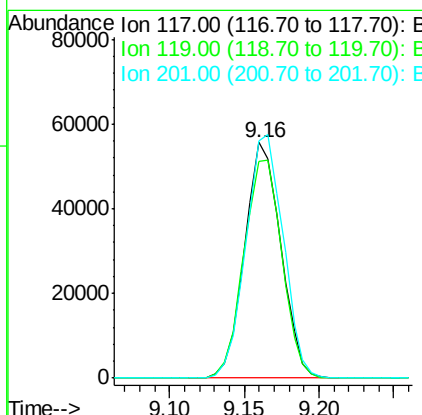
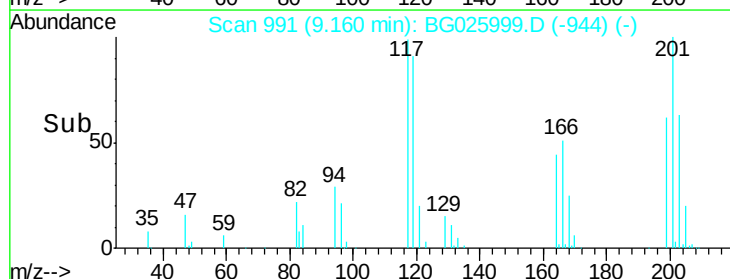
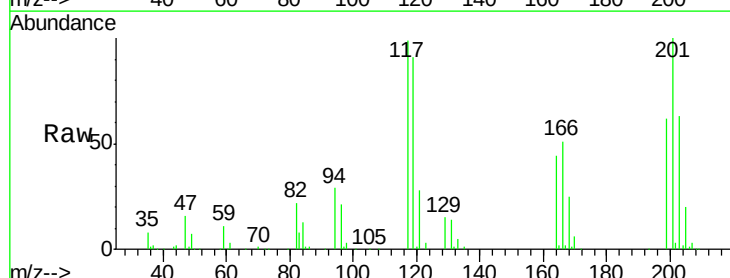
Manual Integrations
 APPROVED

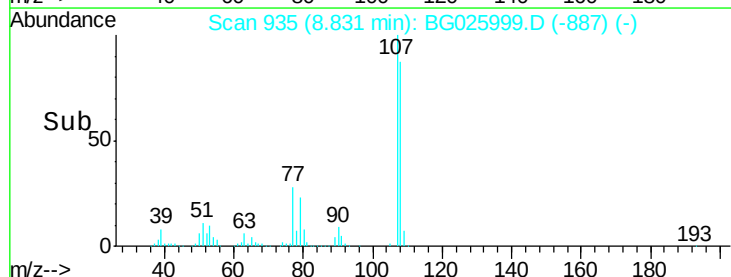
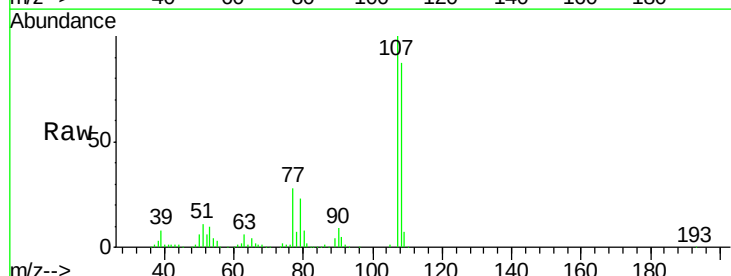
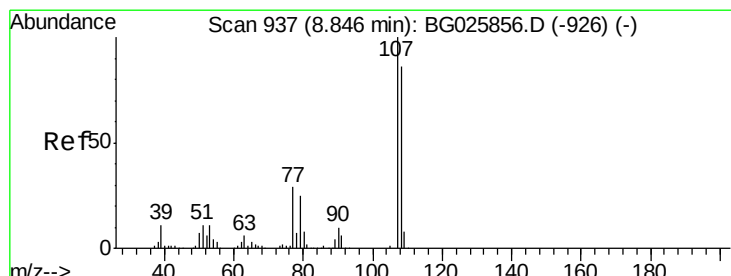
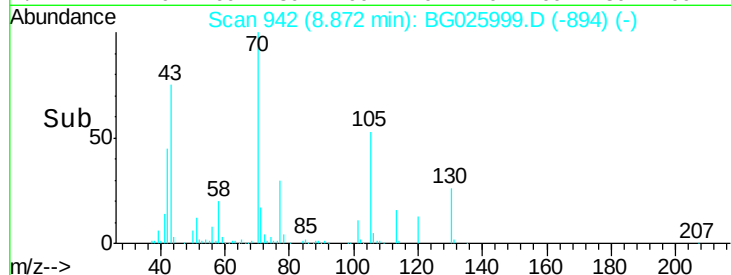
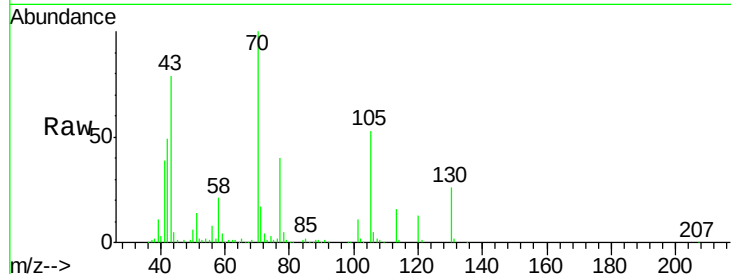
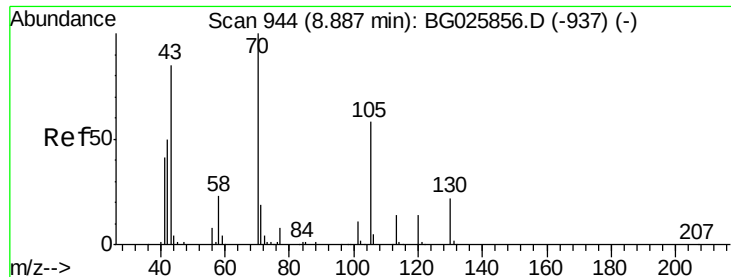
mohammad
 3/1/2017 3:07:05 PM



#18
 Hexachloroethane
 Concen: 33.93 ng
 RT: 9.16 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	93348		
119	92.2	69.8	104.6	
201	101.0	95.4	143.0	





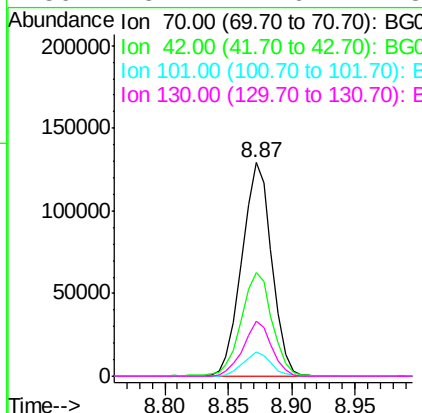
#19
n-Nitroso-di-n-propylamine
Concen: 32.75 ng
RT: 8.87 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.7	56.1	84.1#
101	11.3	7.5	11.3
130	25.7	14.6	21.8#

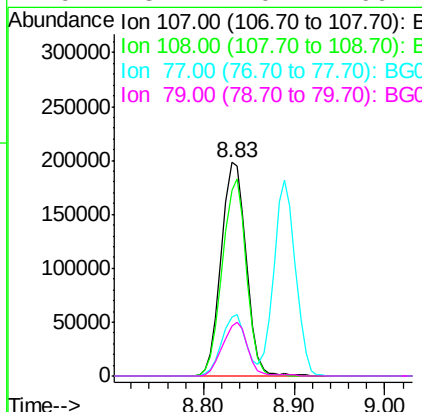
Manual Integrations
APPROVED

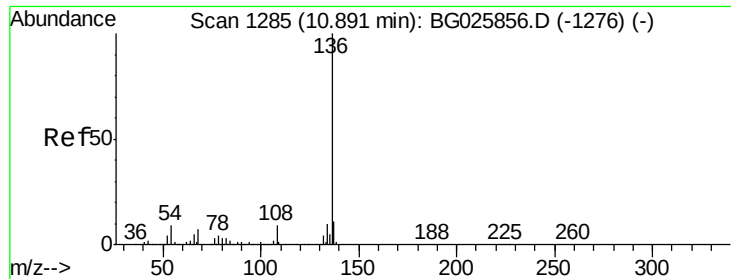
mohammad
3/1/2017 3:07:05 PM



#20
3+4-Methylphenols
Concen: 38.47 ng
RT: 8.83 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	70.8	110.8
77	27.8	25.8	65.8
79	23.4	20.1	60.1





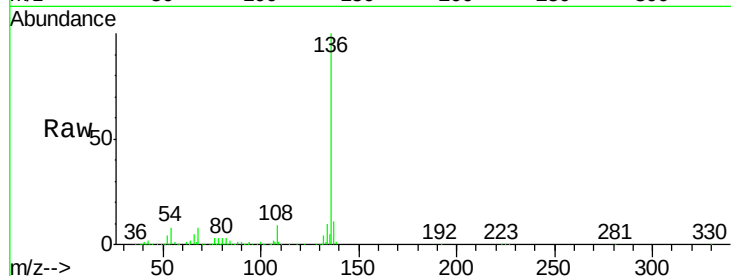
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

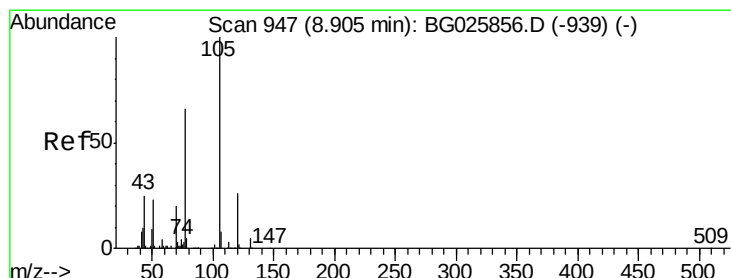
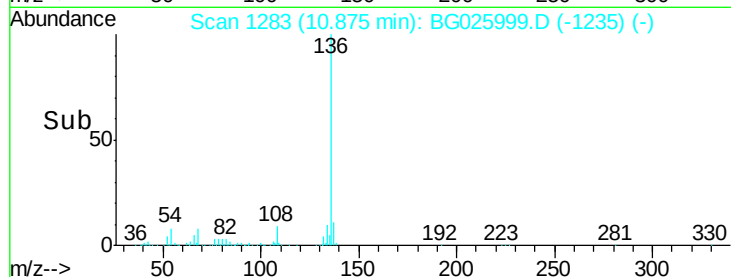
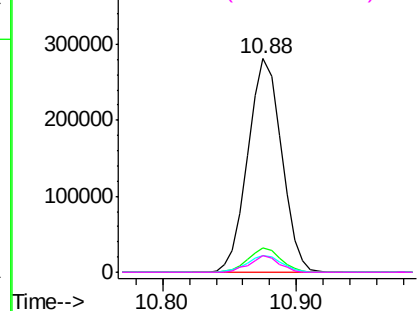
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	489353		
137	11.4	8.9	13.3	
54	7.6	9.3	13.9	
68	7.7	5.1	7.7	

Manual Integrations
APPROVED

mohammad
3/1/2017 3:07:05 PM



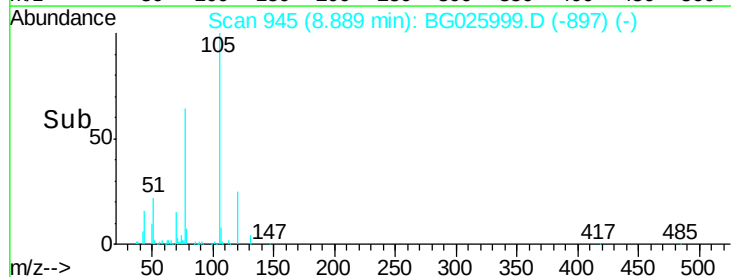
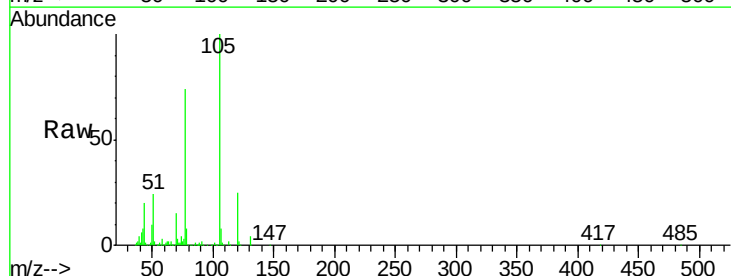
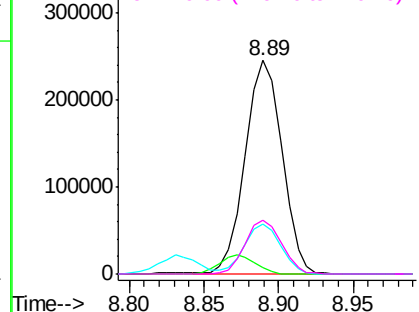
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

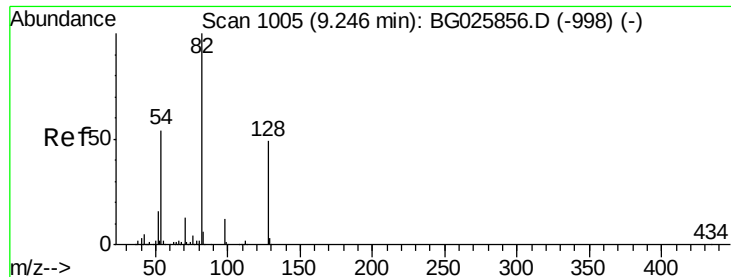


#22
Acetophenone
Concen: 35.71 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	419289		
71	2.8	0.9	1.3	
51	23.5	34.0	51.0	
120	24.9	17.3	25.9	

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





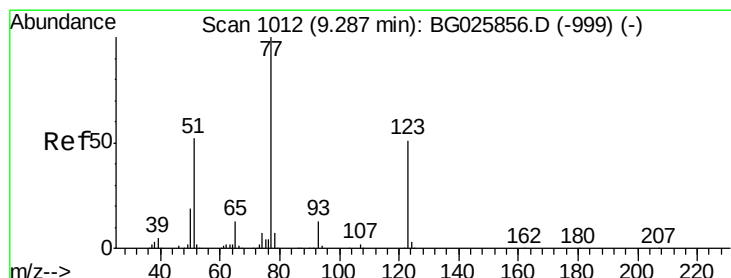
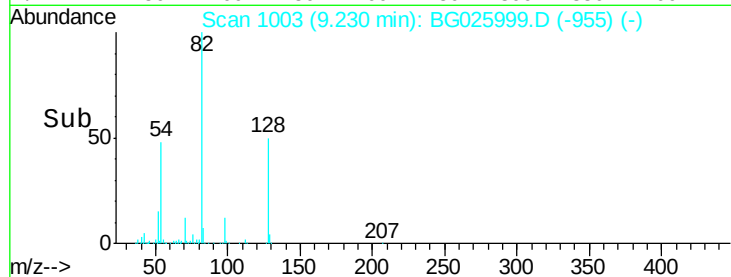
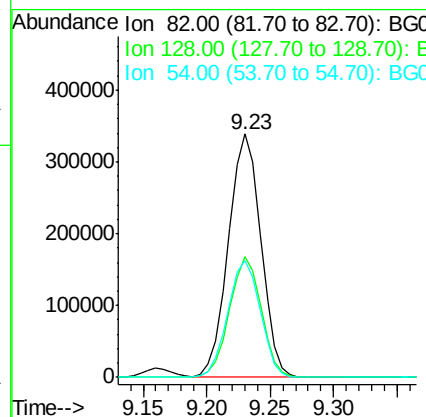
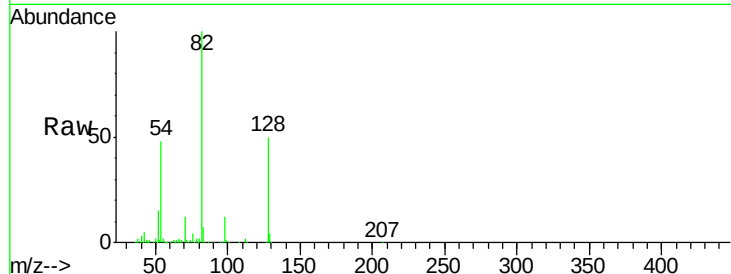
#23
Nitrobenzene-d5
Concen: 77.30 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	599411		
128	49.7	26.4	39.6#	
54	47.9	49.4	74.2#	

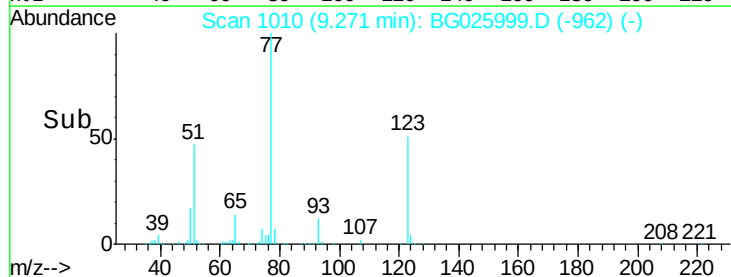
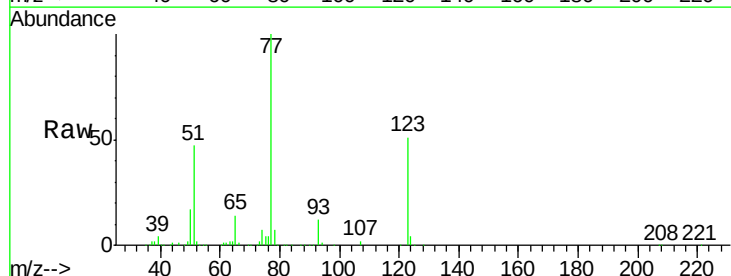
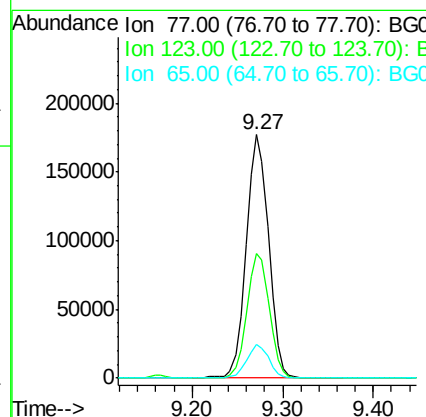
Manual Integrations
APPROVED

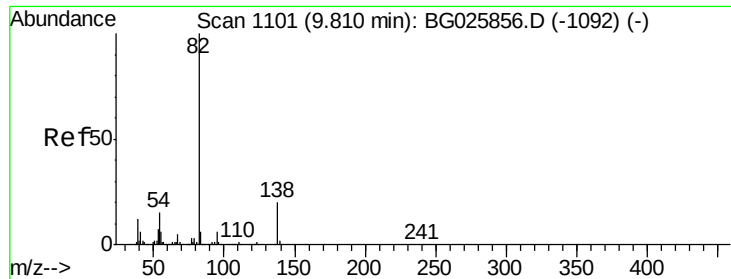
mohammad
3/1/2017 3:07:05 PM



#24
Nitrobenzene
Concen: 36.00 ng
RT: 9.27 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	301884		
123	51.3	26.1	39.1#	
65	13.8	12.4	18.6	





#25

Isophorone

Concen: 34.87 ng

RT: 9.79 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

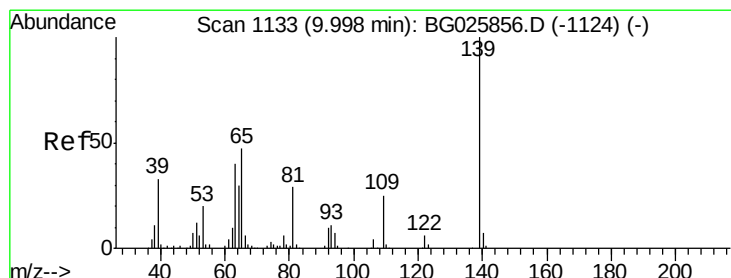
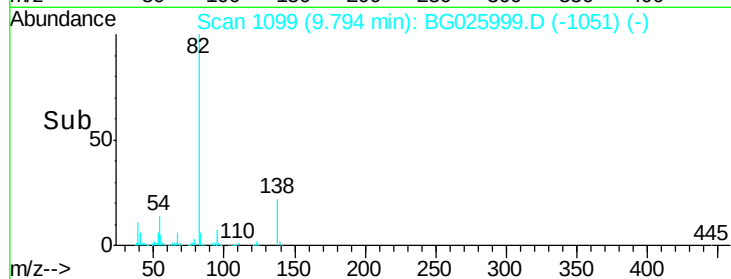
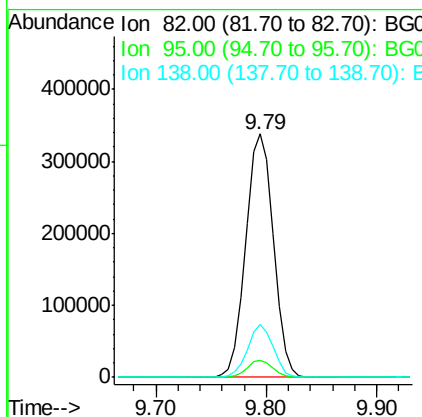
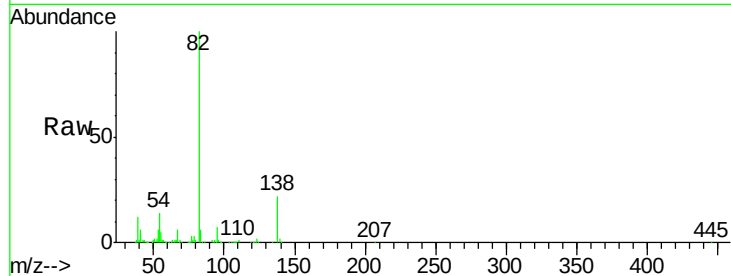
ClientSampleId :

PB97196BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	595100		
95	6.9	7.5	11.3#	
138	21.8	12.3	18.5#	

Manual Integrations
APPROVED

mohammad
3/1/2017 3:07:05 PM



#26

2-Nitrophenol

Concen: 43.03 ng

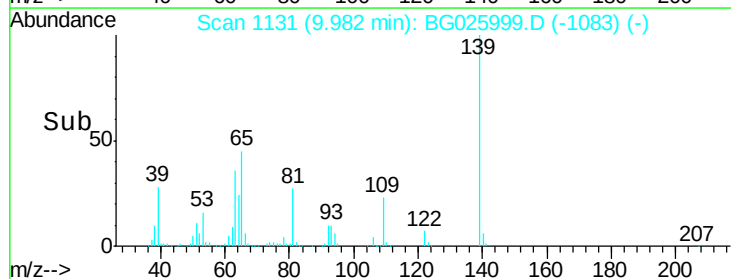
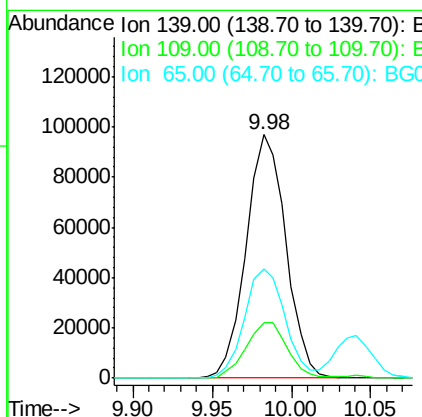
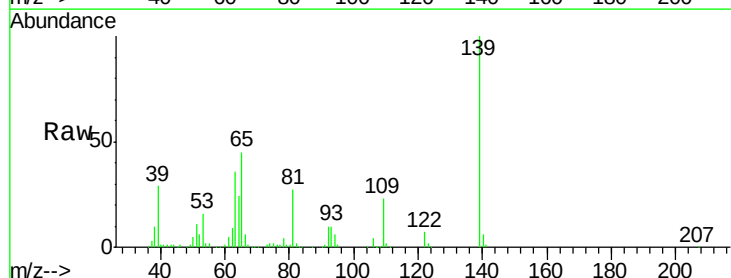
RT: 9.98 min Scan# 1131

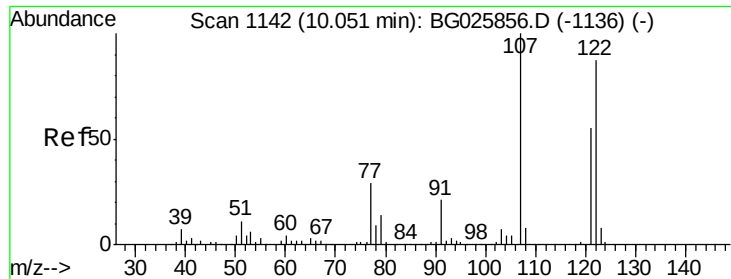
Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	168729		
109	23.0	38.6	58.0#	
65	44.8	57.1	85.7#	





#27

2,4-Dimethylphenol

Concen: 42.55 ng

RT: 10.04 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

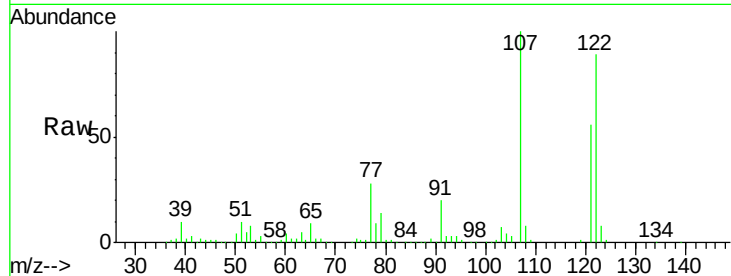
ClientSampled :

PB97196BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.7	104.2	156.4
121	62.7	46.0	69.0

Manual Integrations
APPROVED

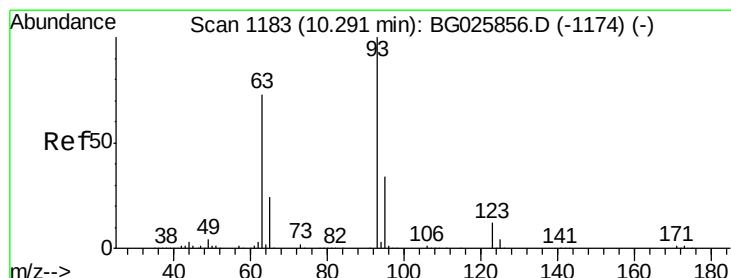
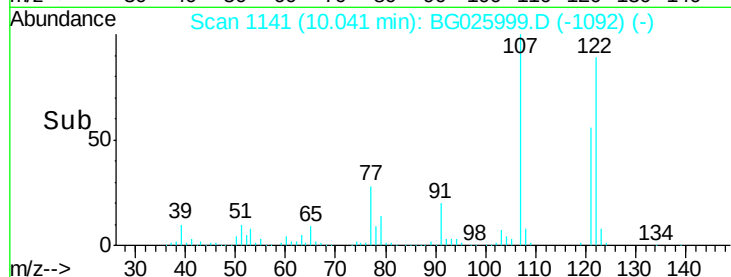
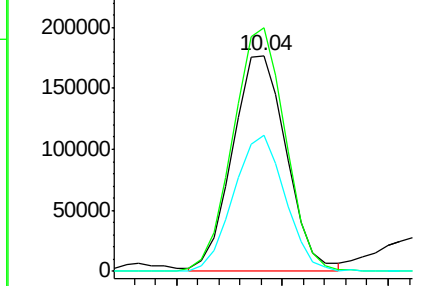
mohammad
3/1/2017 3:07:05 PM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.99 ng

RT: 10.28 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BG025999.D

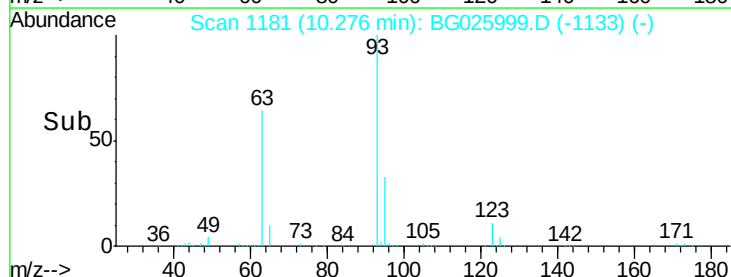
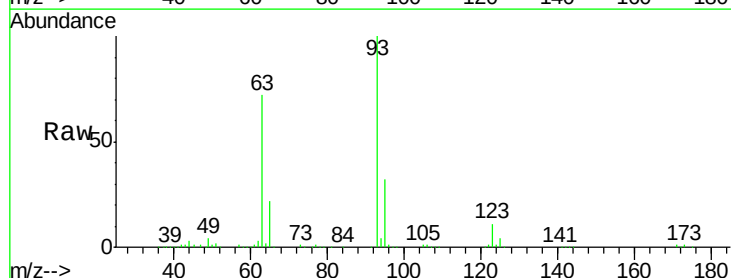
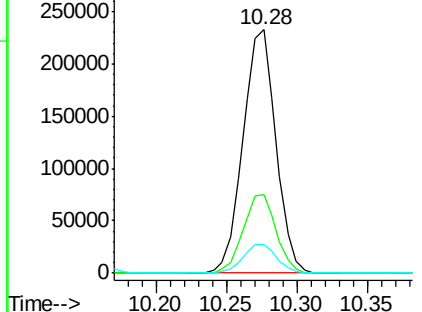
Acq: 28 Feb 2017 16:20

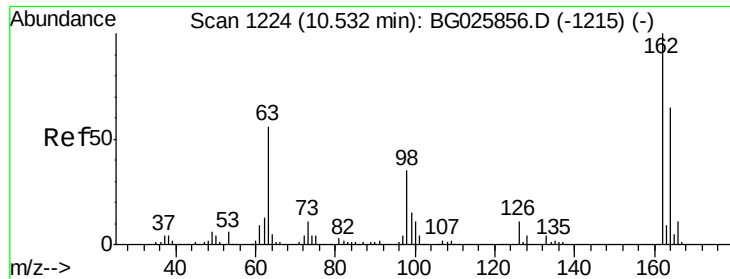
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.7	38.5
123	11.5	8.3	12.5

Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





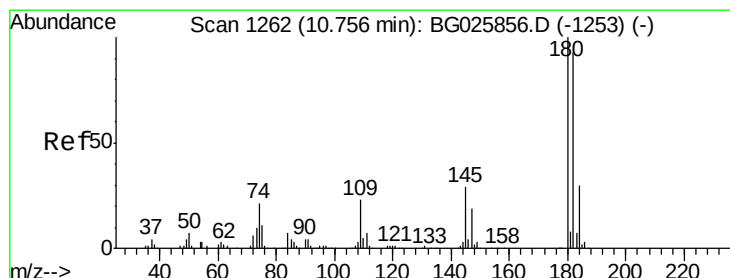
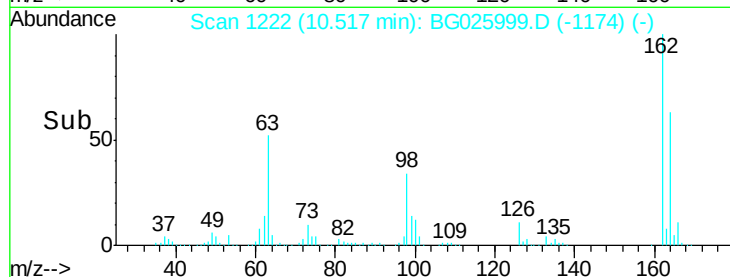
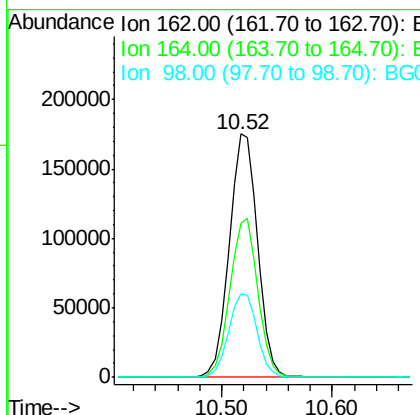
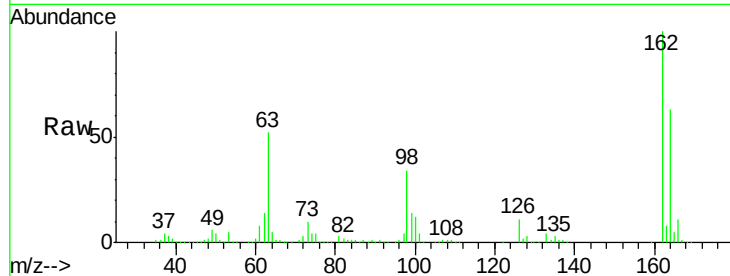
#29
2,4-Dichlorophenol
Concen: 45.17 ng
RT: 10.52 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	315526		
164	63.4	42.4	82.4	
98	34.4	20.3	60.3	

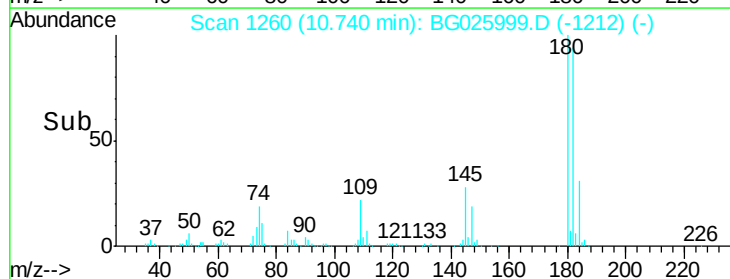
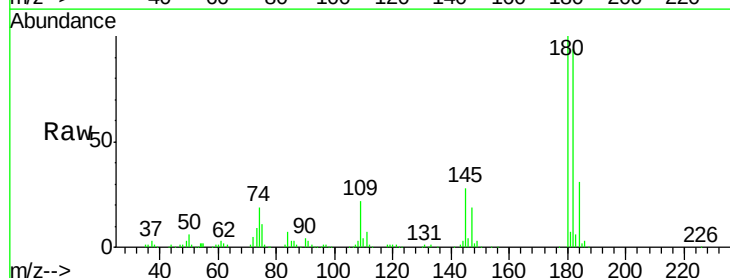
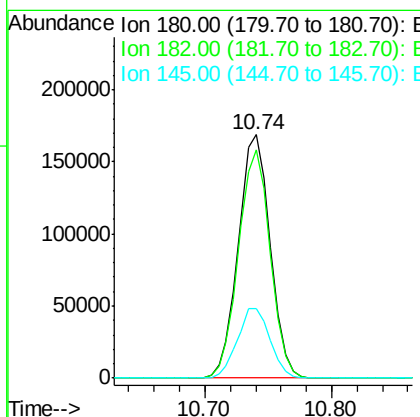
Manual Integrations
APPROVED

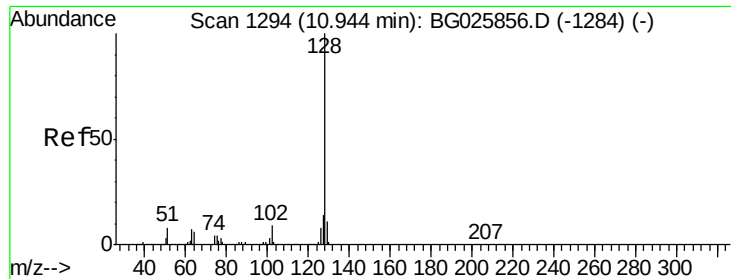
mohammad
3/1/2017 3:07:05 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.62 ng
RT: 10.74 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	293356		
182	93.6	77.0	115.4	
145	28.5	23.4	35.0	





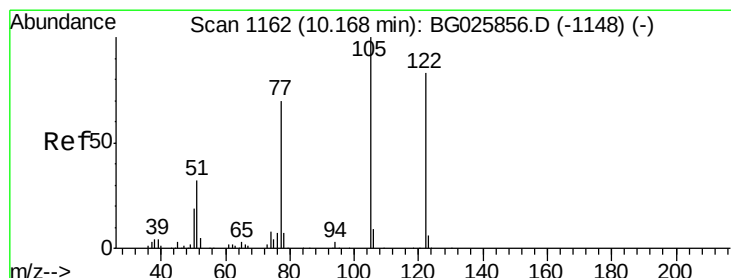
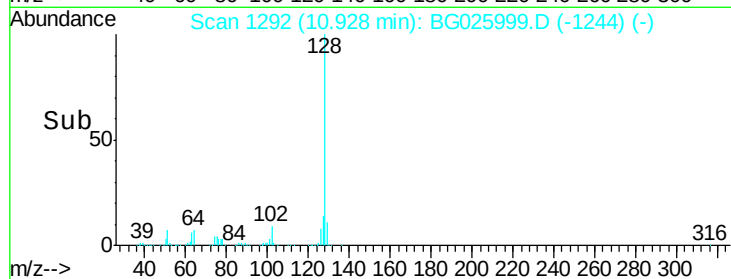
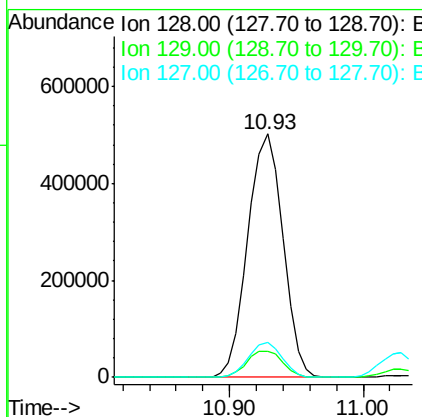
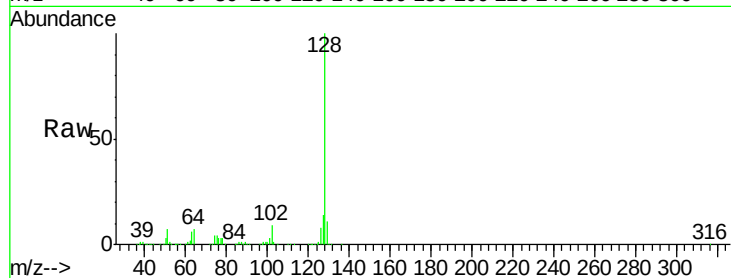
#31
Naphthalene
Concen: 36.21 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	9.3	13.9	
127	14.4	11.4	17.0	

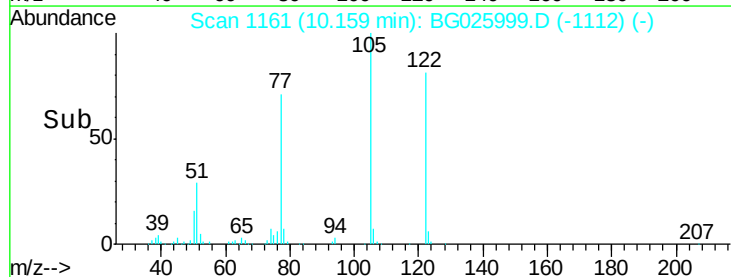
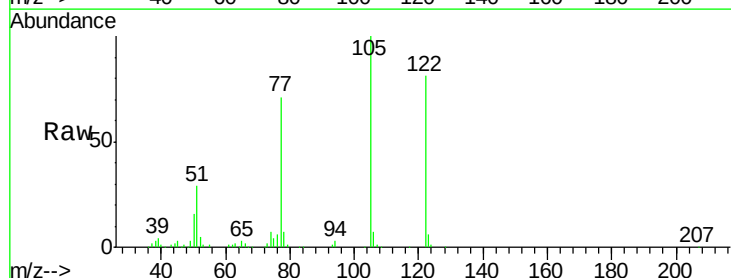
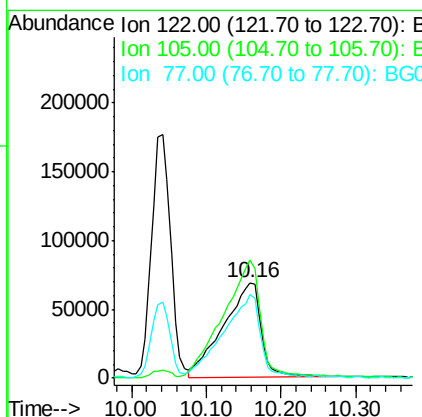
Manual Integrations
APPROVED

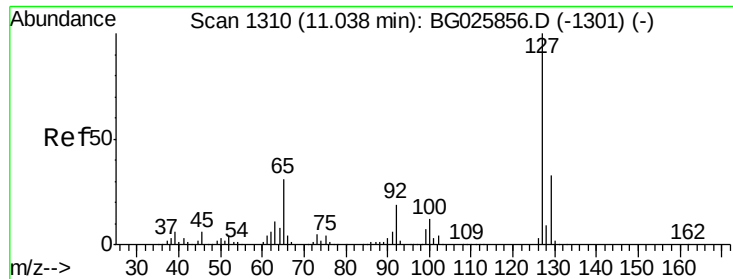
mohammad
3/1/2017 3:07:05 PM



#32
Benzoic acid
Concen: 43.06 ng
RT: 10.16 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.5	120.1	160.1	
77	87.6	104.6	144.6	





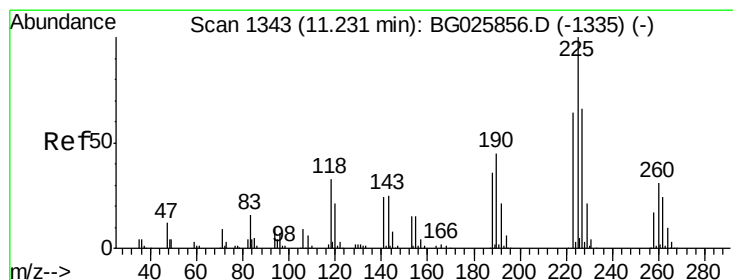
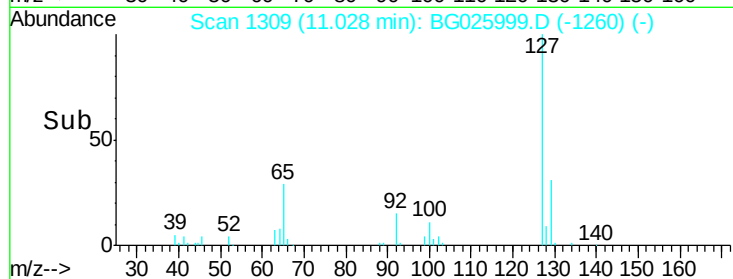
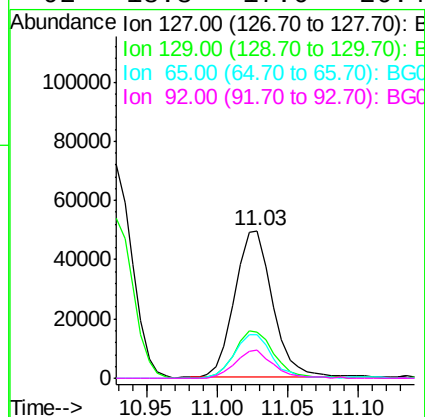
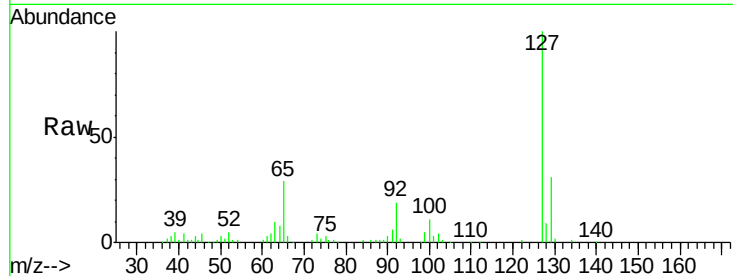
#33
4-Chloroaniline
Concen: 8.54 ng
RT: 11.03 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	23.6	35.4
65	29.1	37.7	56.5
92	18.8	17.6	26.4

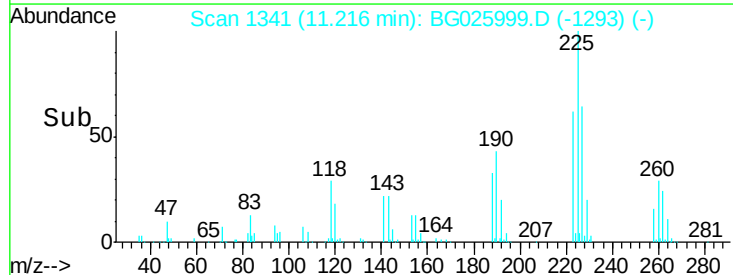
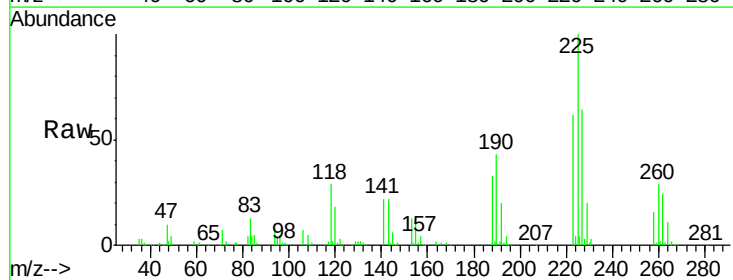
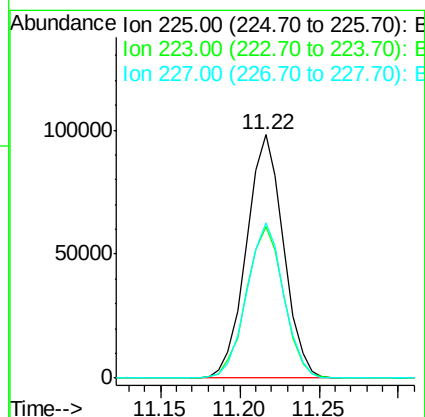
Manual Integrations
APPROVED

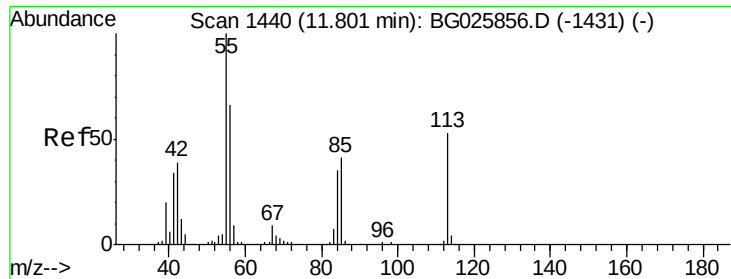
mohammad
3/1/2017 3:07:05 PM



#34
Hexachlorobutadiene
Concen: 36.82 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.7	76.1
227	63.8	49.0	73.6





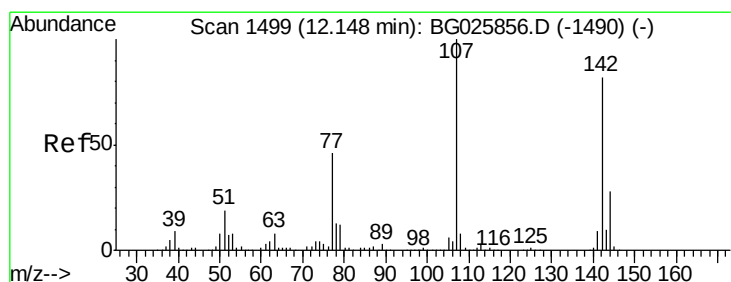
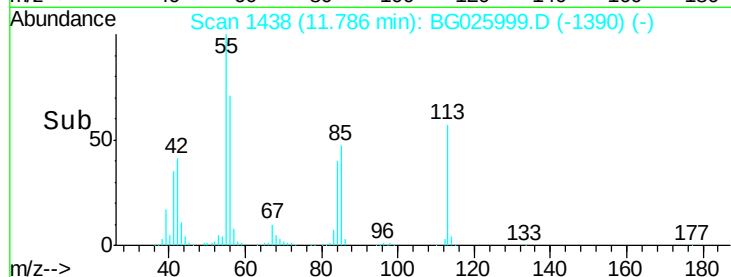
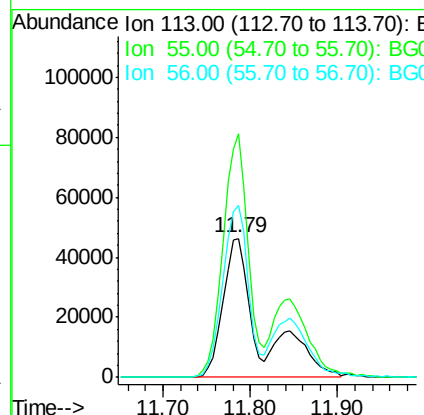
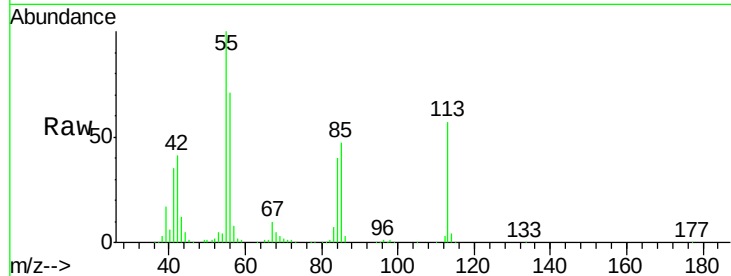
#35
 Caprolactam
 Concen: 48.61 ng m
 RT: 11.79 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion:113 Resp: 137123
 Ion Ratio Lower Upper
 113 100
 55 175.4 198.6 238.6#
 56 123.9 140.4 180.4#

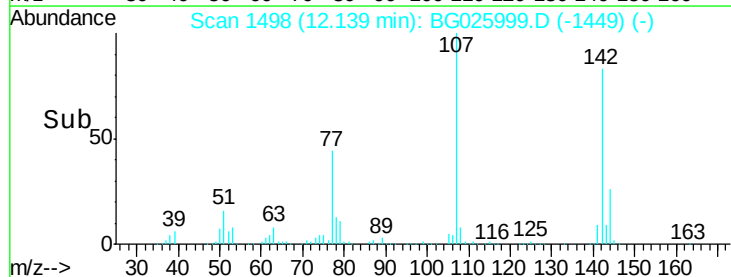
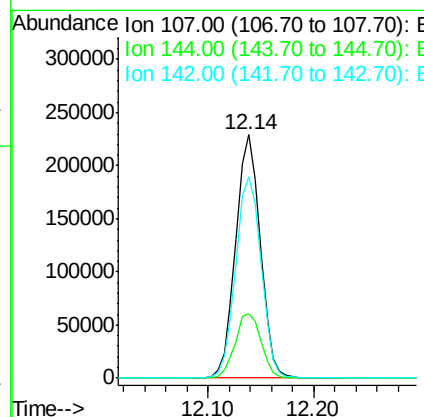
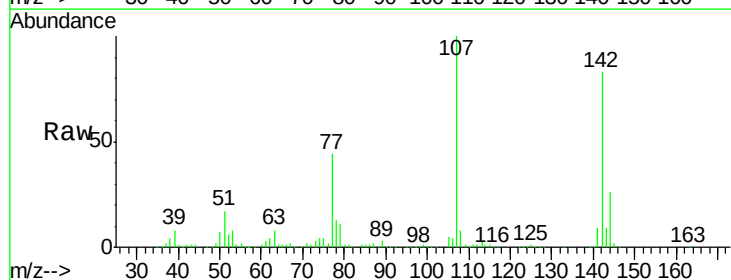
Manual Integrations
 APPROVED

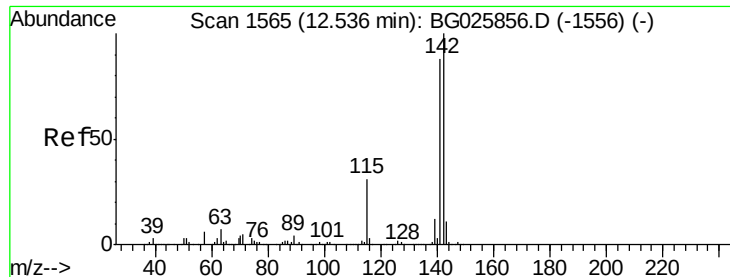
mohammad
 3/1/2017 3:07:05 PM



#36
 4-Chloro-3-methylphenol
 Concen: 44.16 ng
 RT: 12.14 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion:107 Resp: 369059
 Ion Ratio Lower Upper
 107 100
 144 26.4 17.4 26.0#
 142 82.7 54.1 81.1#





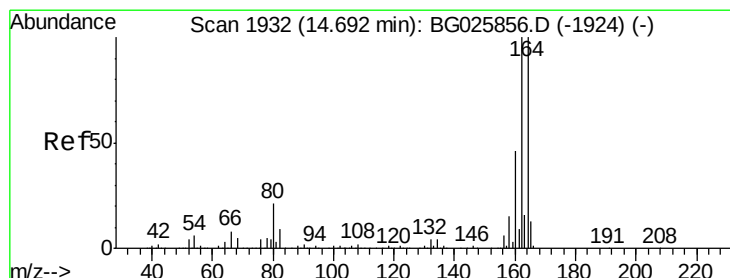
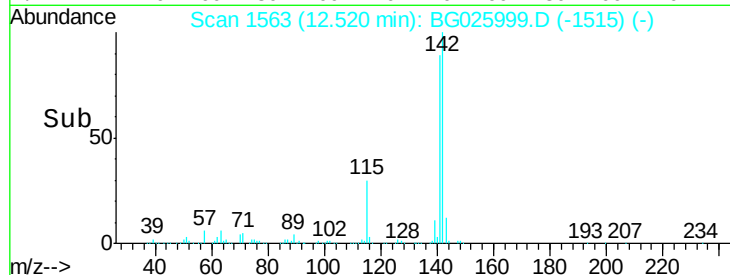
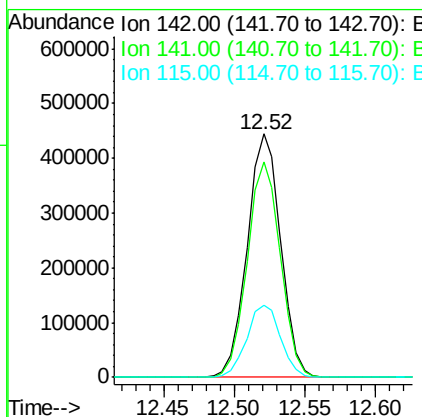
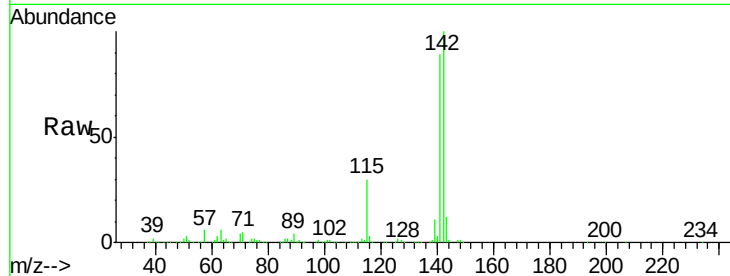
#37
 2-Methylnaphthalene
 Concen: 38.30 ng
 RT: 12.52 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	29.8	35.5	53.3#

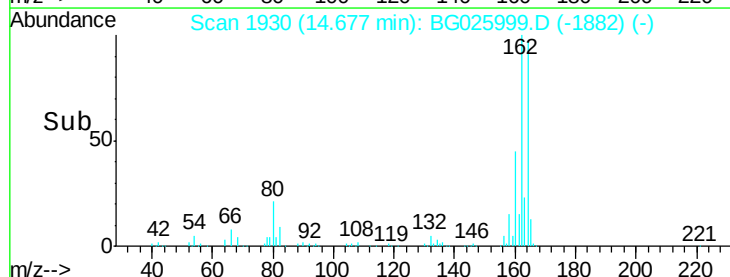
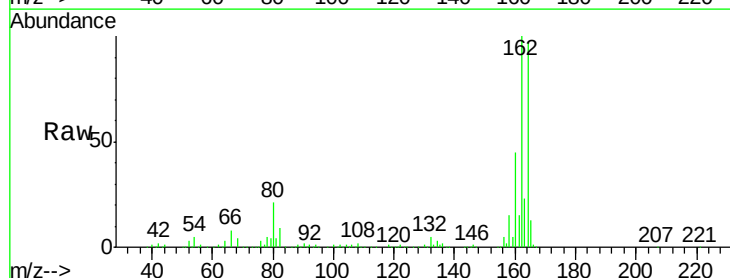
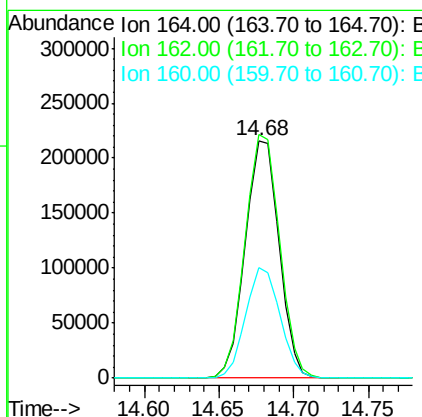
Manual Integrations
 APPROVED

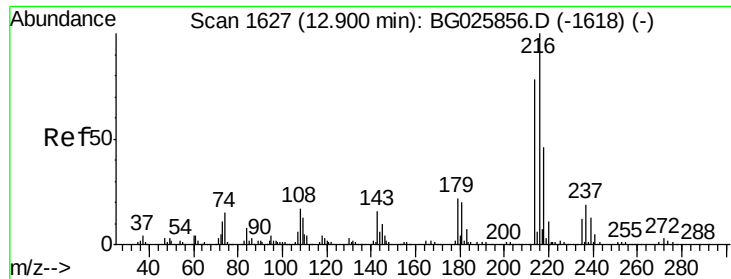
mohammad
 3/1/2017 3:07:05 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	46.4	34.7	52.1





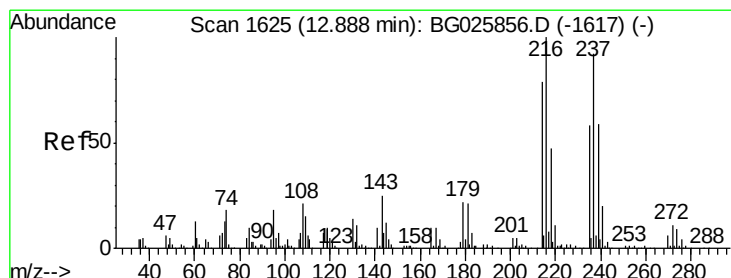
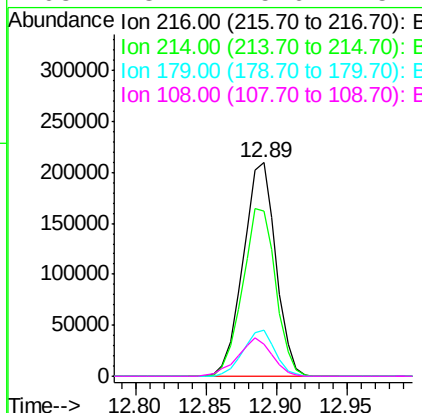
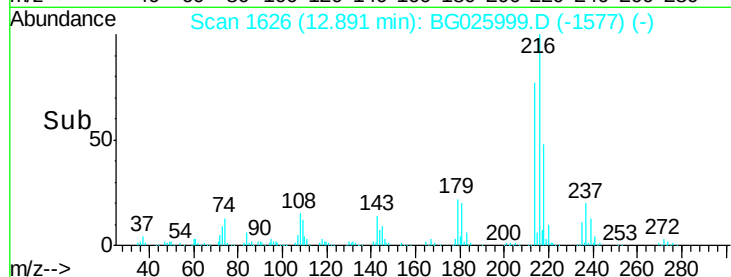
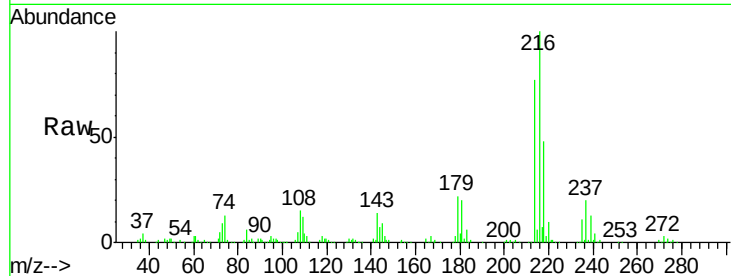
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.10 ng
 RT: 12.89 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.4	96.6
179	21.3	17.4	26.0
108	18.7	15.6	23.4

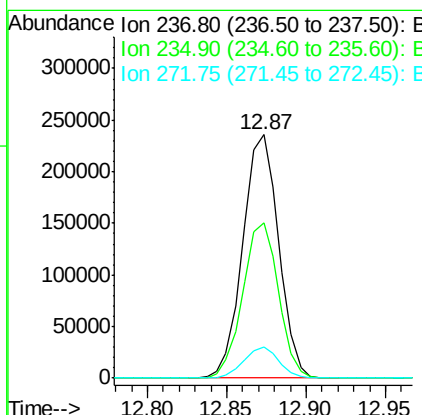
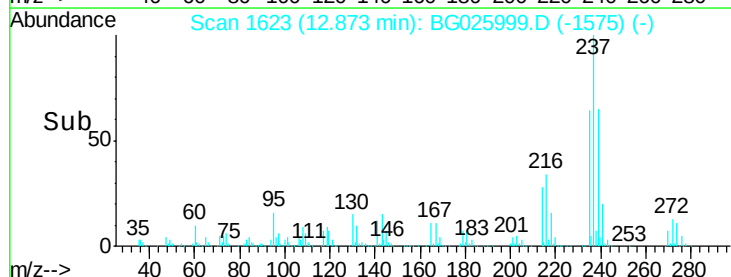
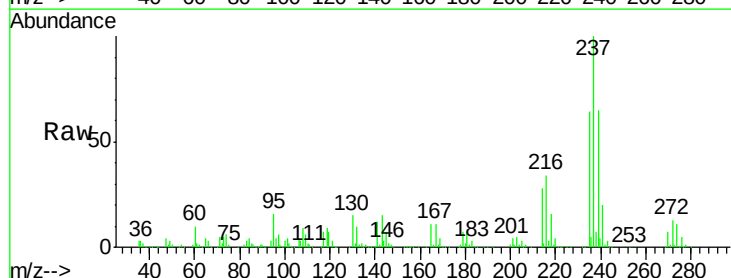
Manual Integrations
 APPROVED

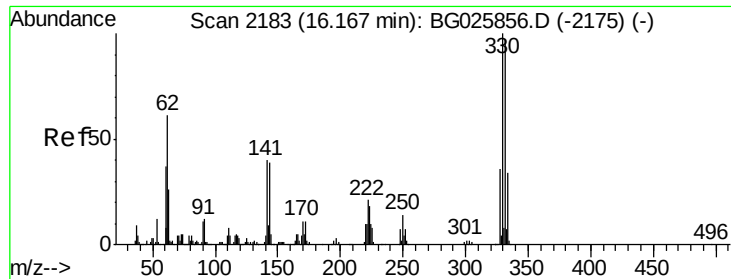
mohammad
 3/1/2017 3:07:05 PM



#40
 Hexachlorocyclopentadiene
 Concen: 79.96 ng
 RT: 12.87 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.0	39.4	79.4
272	12.9	0.0	32.0





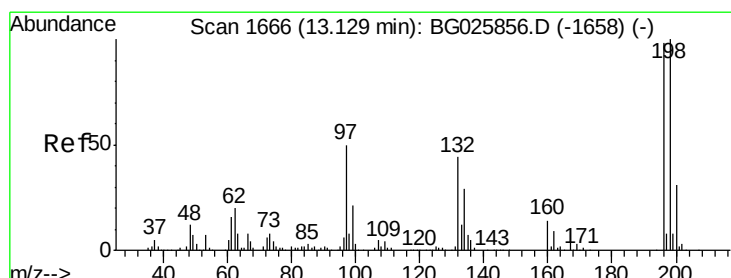
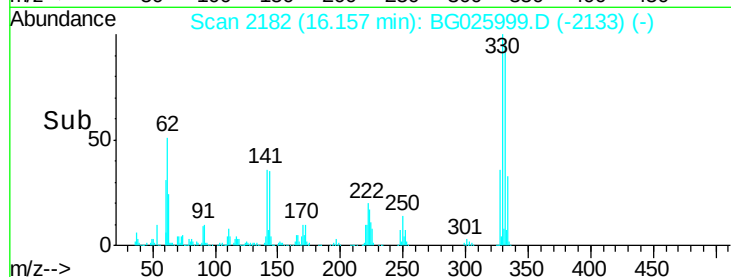
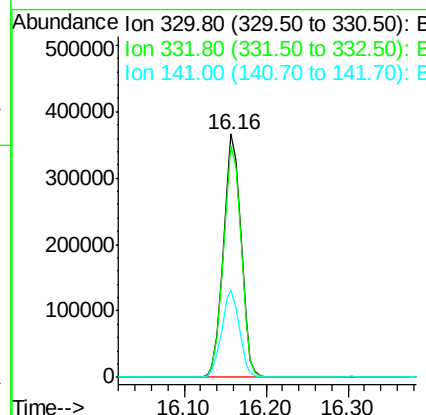
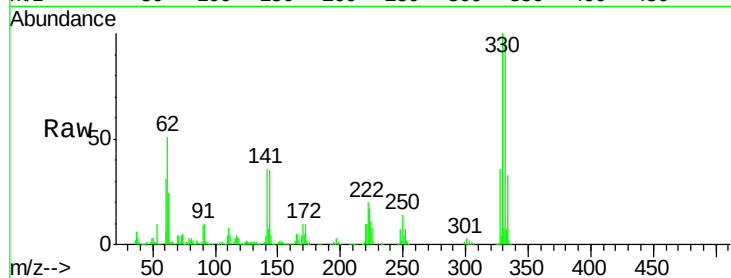
#41
 2,4,6-Tribromophenol
 Concen: 176.97 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	552245		
332	96.0	77.3	115.9	
141	36.0	32.1	48.1	

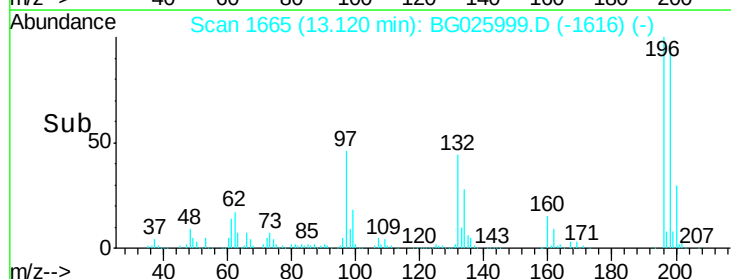
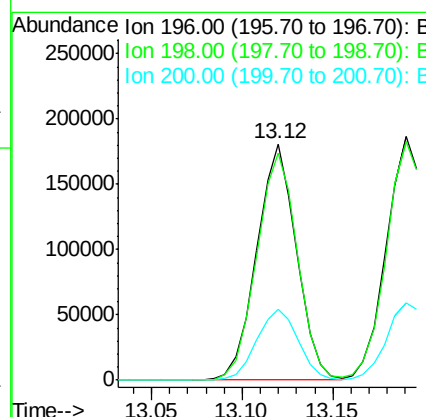
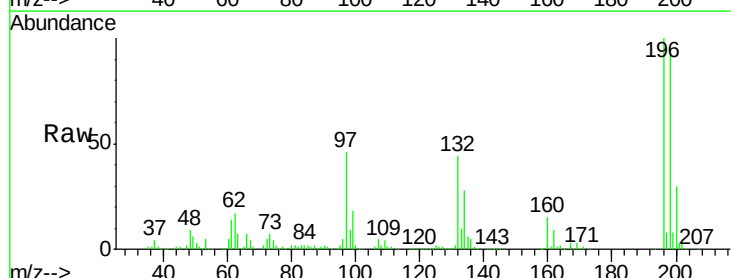
Manual Integrations
 APPROVED

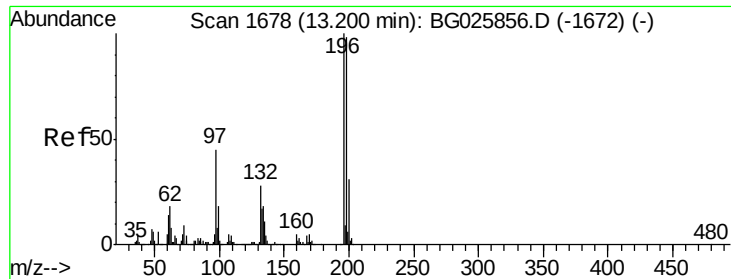
mohammad
 3/1/2017 3:07:05 PM



#42
 2,4,6-Trichlorophenol
 Concen: 50.37 ng
 RT: 13.12 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275406		
198	95.9	81.4	122.2	
200	29.8	27.0	40.6	





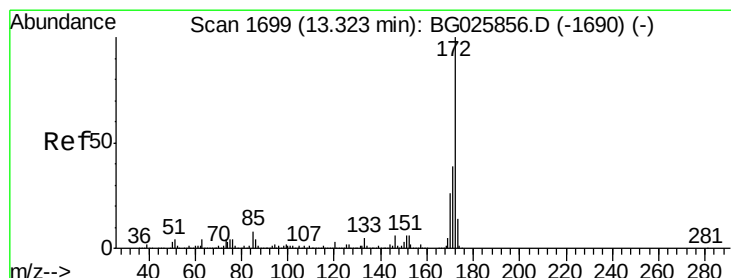
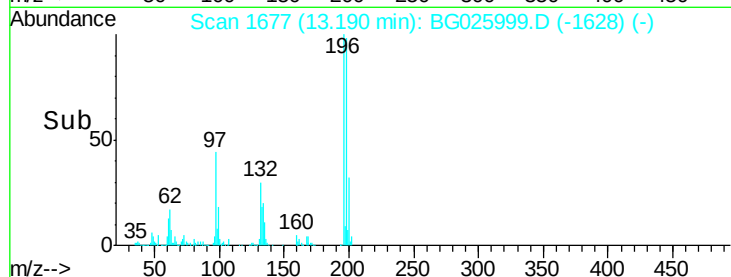
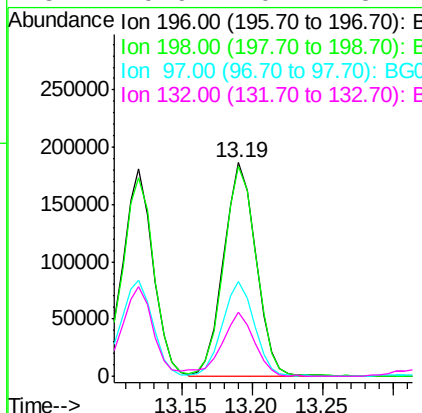
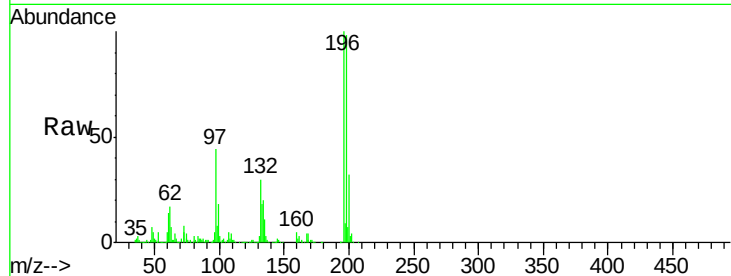
#43
 2,4,5-Trichlorophenol
 Concen: 47.91 ng
 RT: 13.19 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297383		
198	98.1	79.9	119.9	
97	44.4	45.4	68.0	
132	29.9	20.7	31.1	

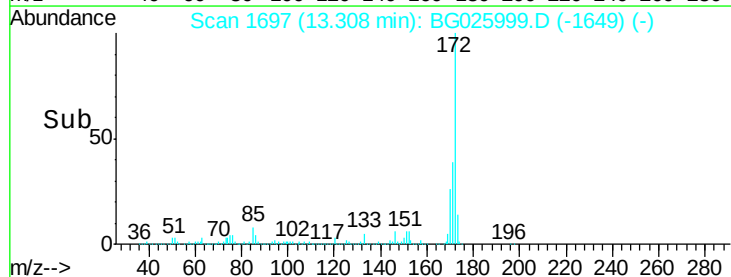
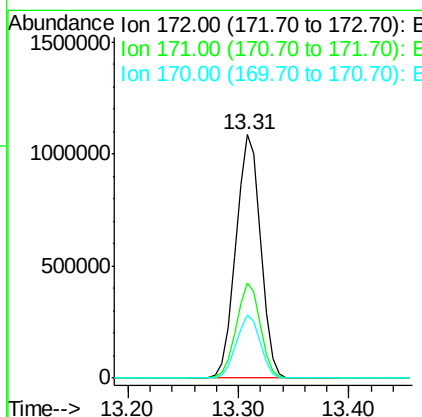
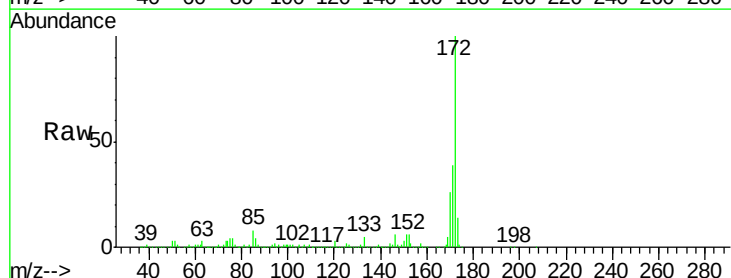
Manual Integrations
 APPROVED

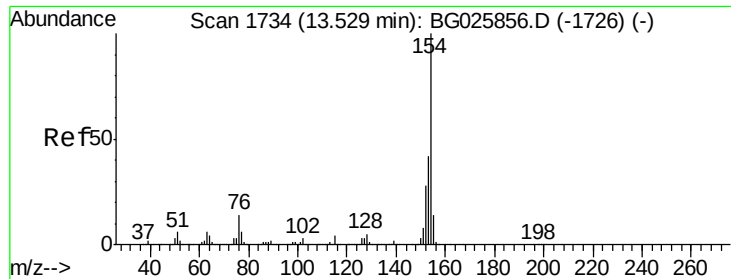
mohammad
 3/1/2017 3:07:05 PM



#44
 2-Fluorobiphenyl
 Concen: 88.02 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1701357		
171	39.3	32.2	48.2	
170	25.8	21.8	32.6	





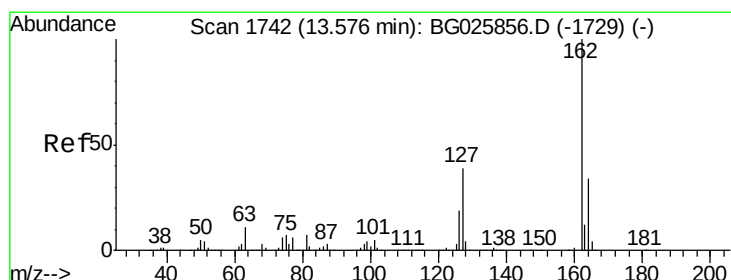
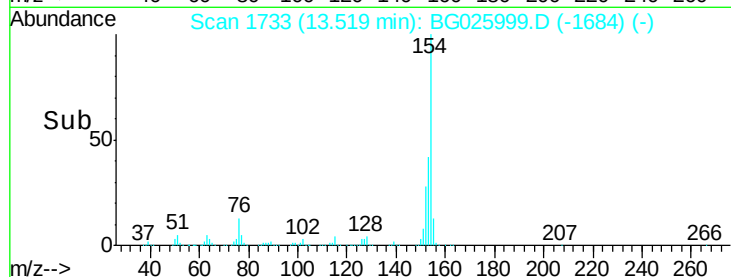
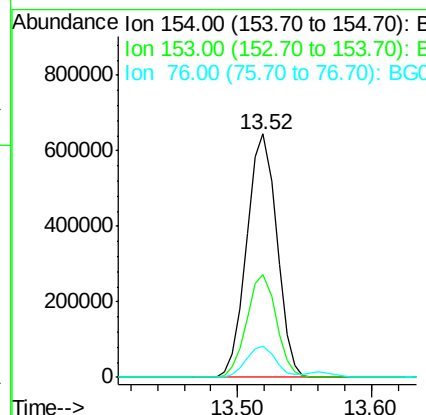
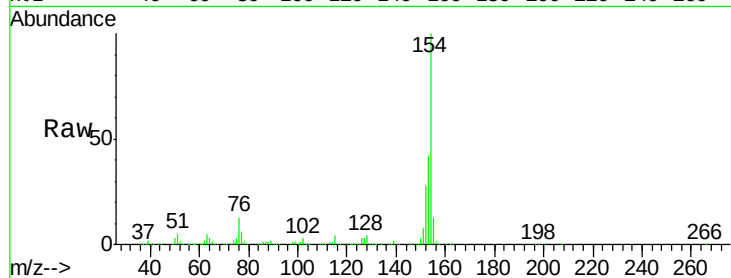
#45
 1,1'-Biphenyl
 Concen: 40.86 ng
 RT: 13.52 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	23.0	63.0
76	12.6	0.0	33.5

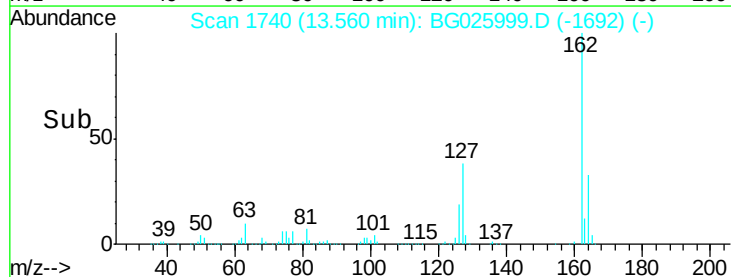
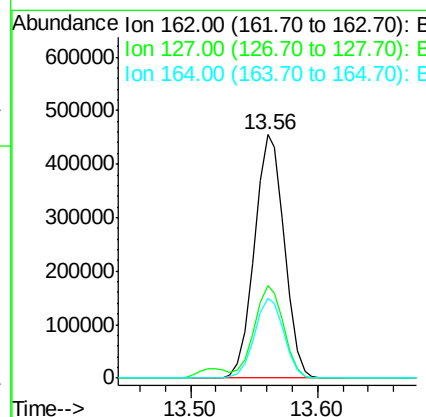
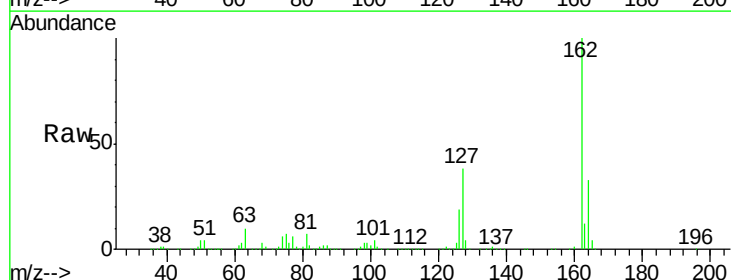
Manual Integrations
 APPROVED

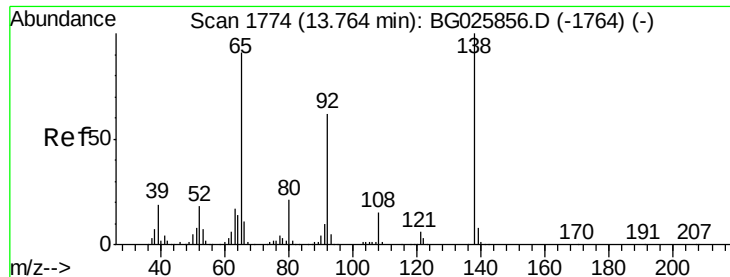
mohammad
 3/1/2017 3:07:05 PM



#46
 2-Chloronaphthalene
 Concen: 42.06 ng
 RT: 13.56 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	32.2	48.4
164	32.9	27.3	40.9





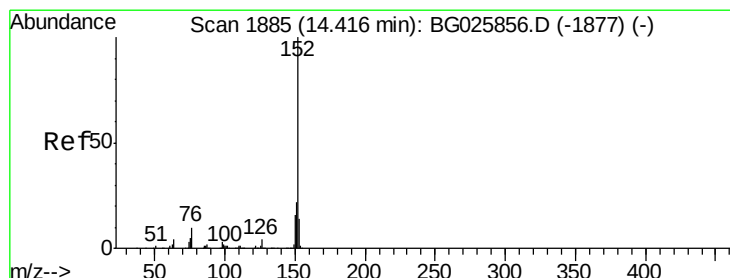
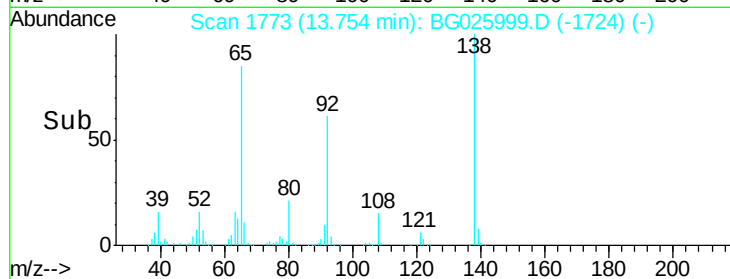
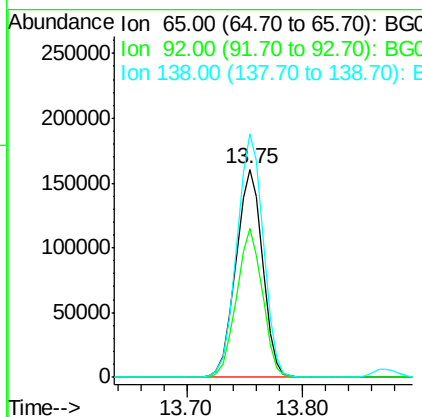
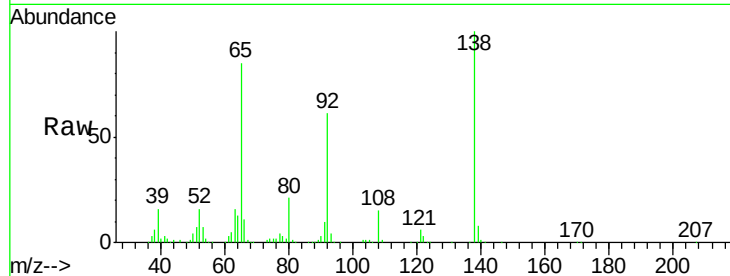
#47
2-Nitroaniline
Concen: 45.58 ng
RT: 13.75 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	49.0	73.4
138	117.1	58.6	87.8

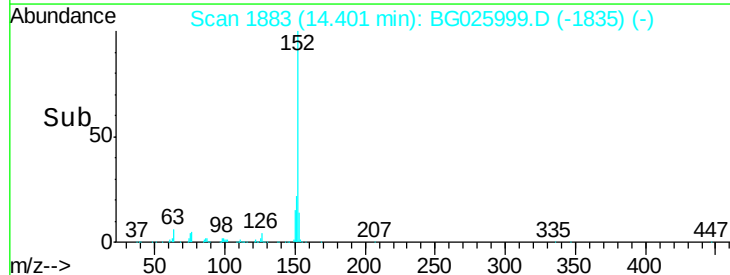
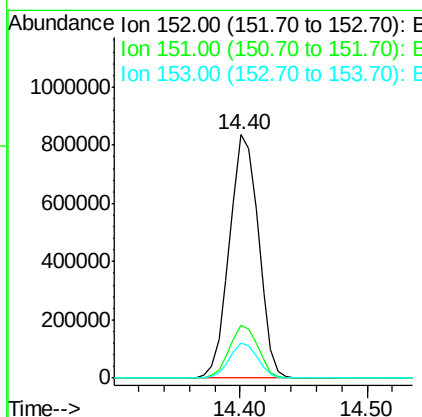
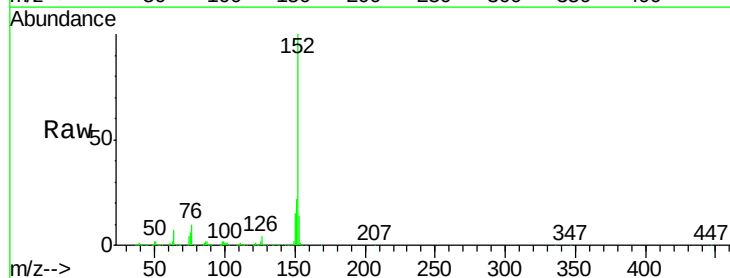
Manual Integrations
APPROVED

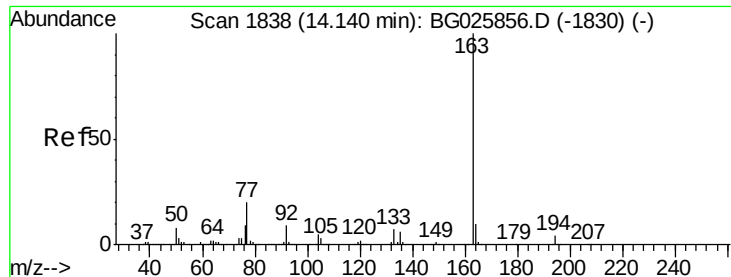
mohammad
3/1/2017 3:07:05 PM



#48
Acenaphthylene
Concen: 41.98 ng
RT: 14.40 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	18.2	27.2
153	14.3	11.3	16.9





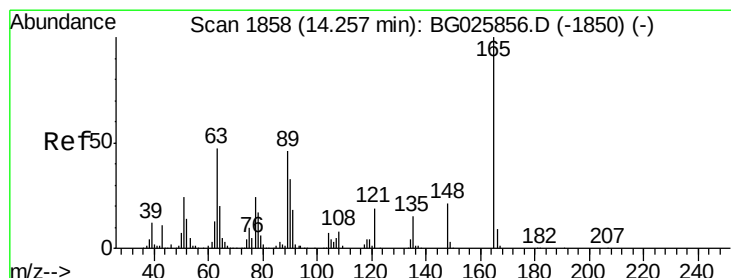
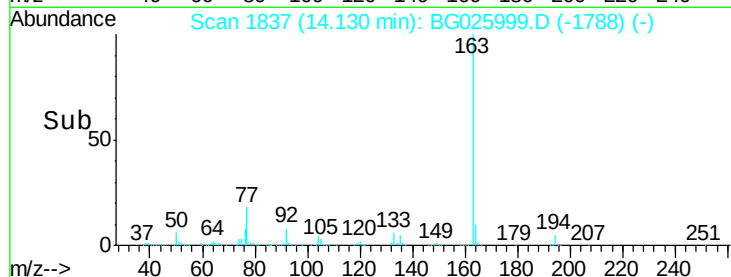
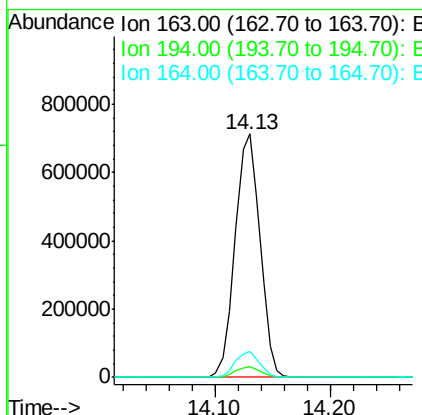
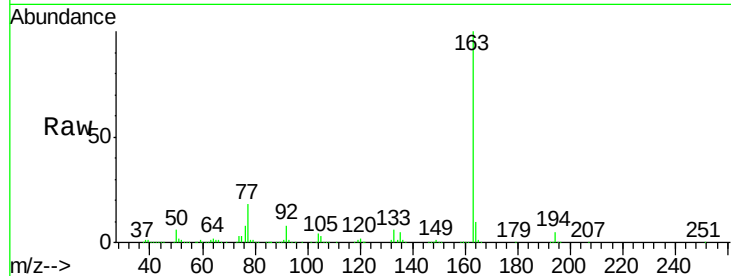
#49
Dimethylphthalate
Concen: 45.90 ng
RT: 14.13 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	10.4	9.3	13.9

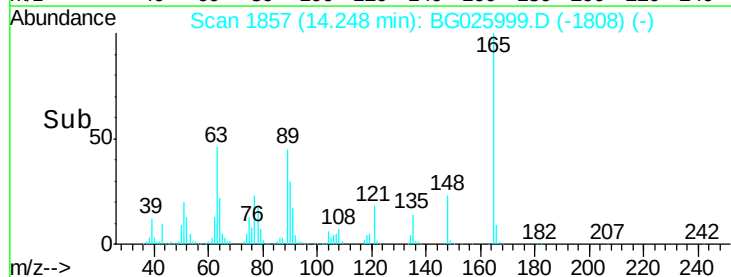
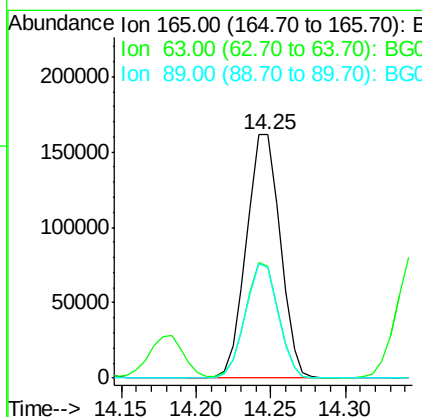
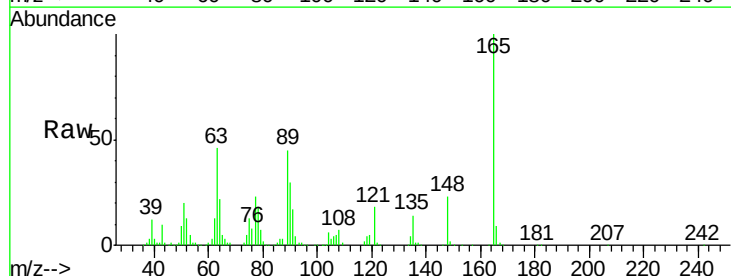
Manual Integrations
APPROVED

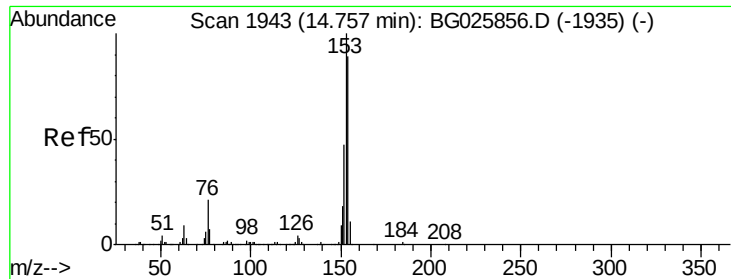
mohammad
3/1/2017 3:07:05 PM



#50
2,6-Dinitrotoluene
Concen: 48.57 ng
RT: 14.25 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.8	63.9	95.9#
89	45.4	58.6	88.0#





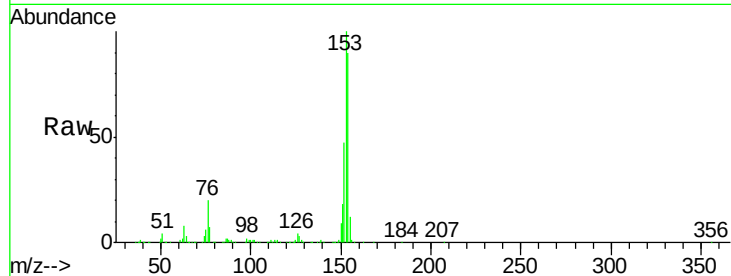
#51
Acenaphthene
Concen: 41.69 ng
RT: 14.74 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

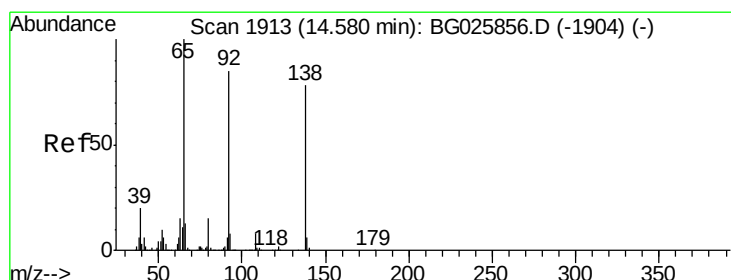
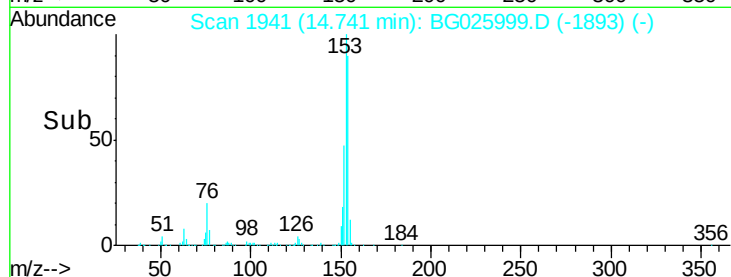
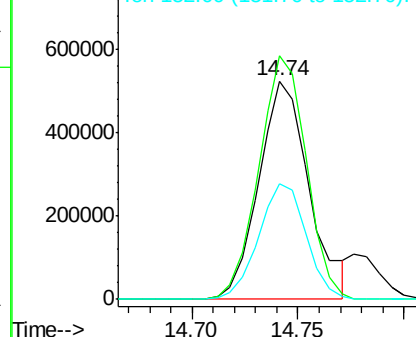
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	867414		
153	111.5	87.8	131.6	
152	52.8	42.2	63.4	

Manual Integrations
APPROVED

mohammad
3/1/2017 3:07:05 PM

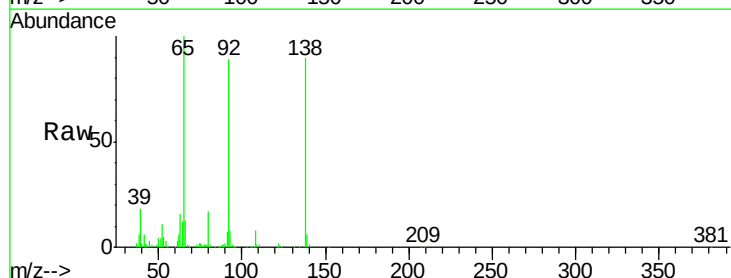


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

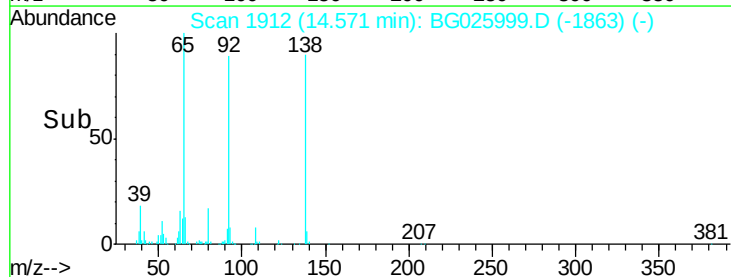
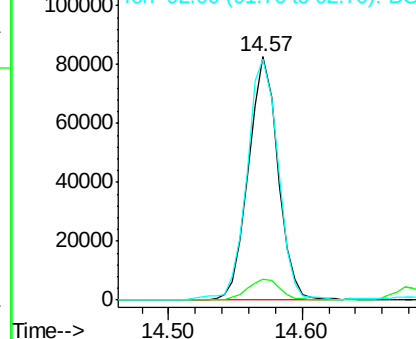


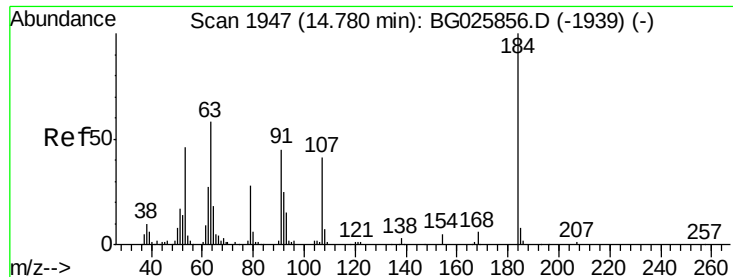
#52
3-Nitroaniline
Concen: 21.63 ng
RT: 14.57 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	125945		
108	8.8	10.9	16.3#	
92	99.2	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





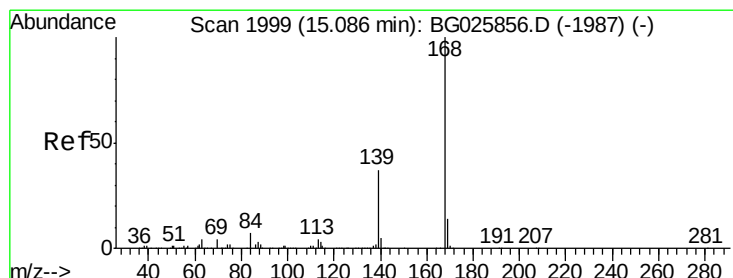
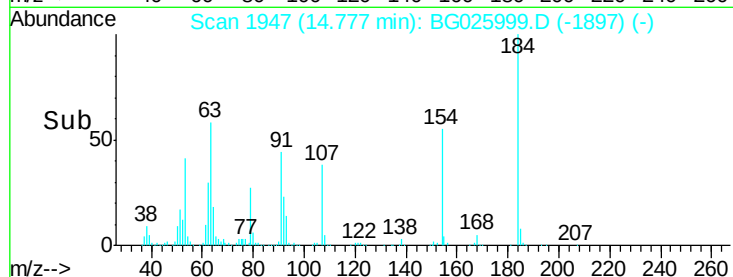
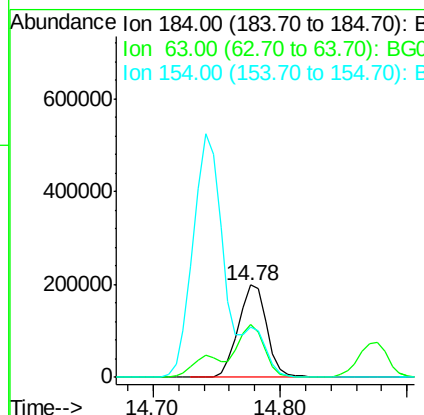
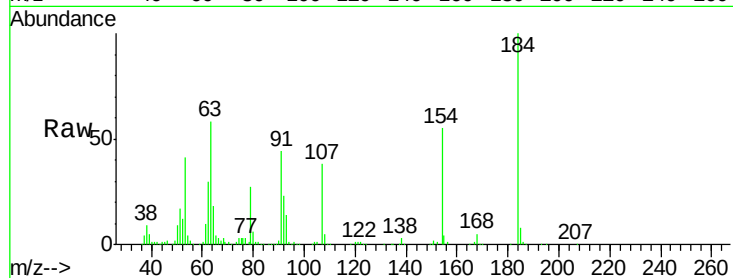
#53
2,4-Dinitrophenol
Concen: 113.73 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	309773		
63	57.7	52.7	79.1	
154	54.8	57.3	85.9#	

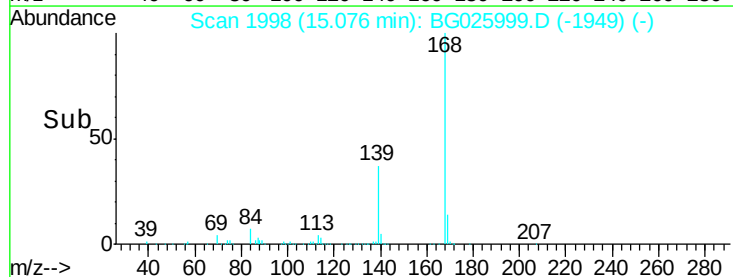
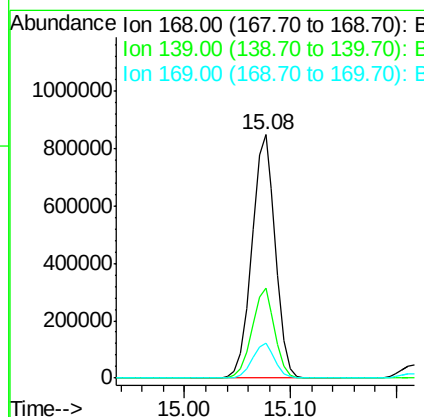
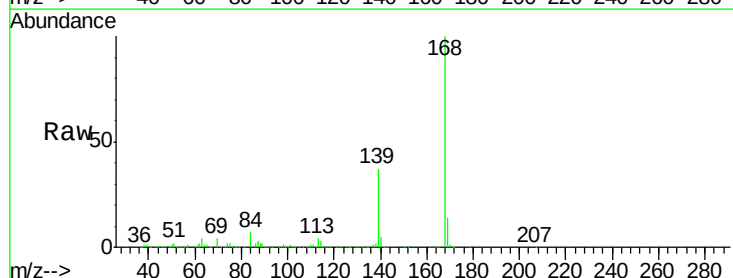
Manual Integrations
APPROVED

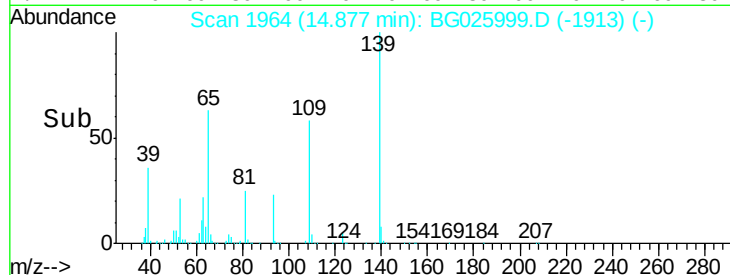
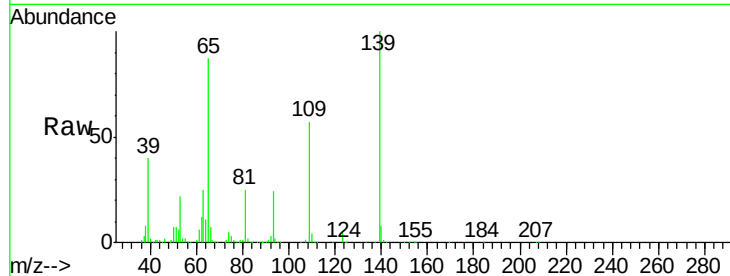
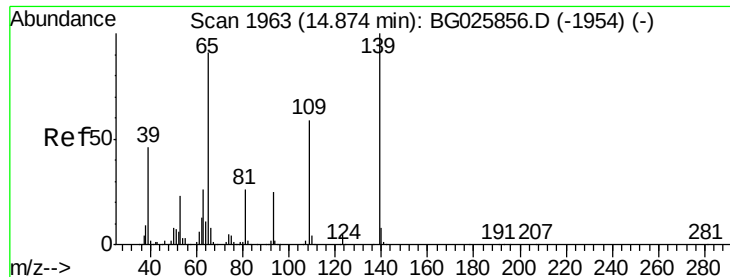
mohammad
3/1/2017 3:07:05 PM



#54
Dibenzofuran
Concen: 47.01 ng
RT: 15.08 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1304085		
139	36.8	35.3	52.9	
169	14.2	11.5	17.3	





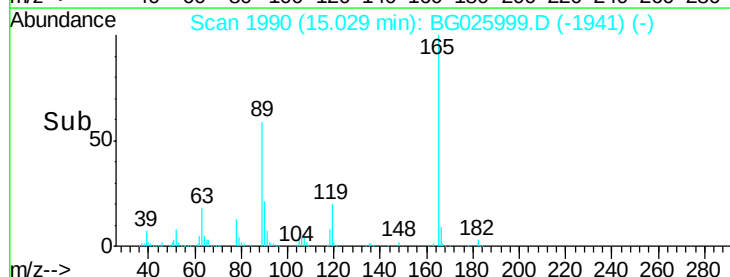
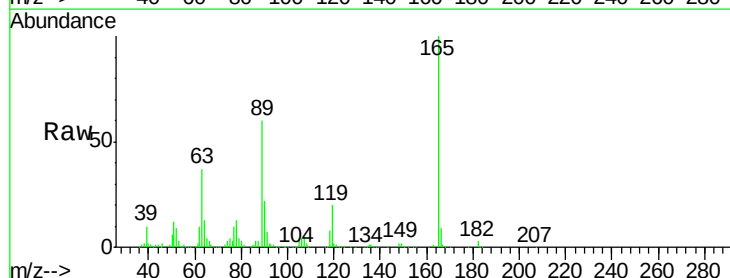
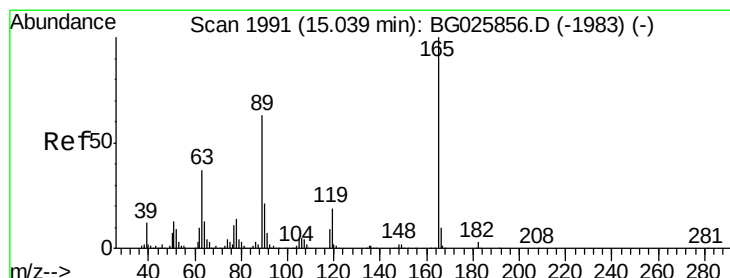
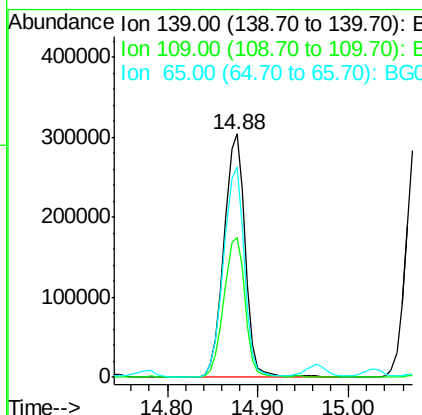
#55
4-Nitrophenol
Concen: 104.07 ng
RT: 14.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	493131		
109	57.4	101.2	141.2#	
65	86.6	135.3	175.3#	

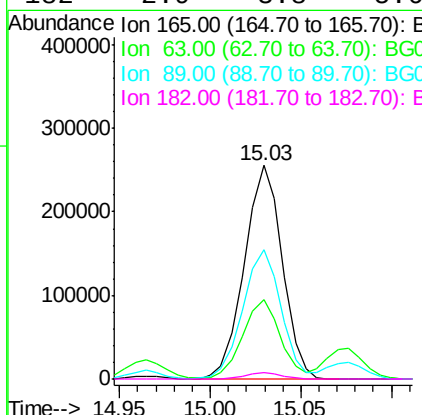
Manual Integrations
APPROVED

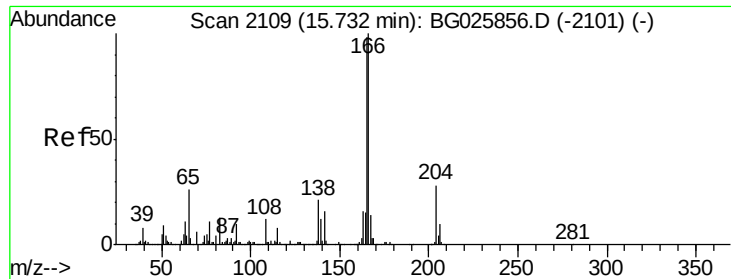
mohammad
3/1/2017 3:07:05 PM



#56
2,4-Dinitrotoluene
Concen: 52.91 ng
RT: 15.03 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	370544		
63	37.0	44.0	66.0#	
89	60.3	67.3	100.9#	
182	2.9	3.8	5.6#	





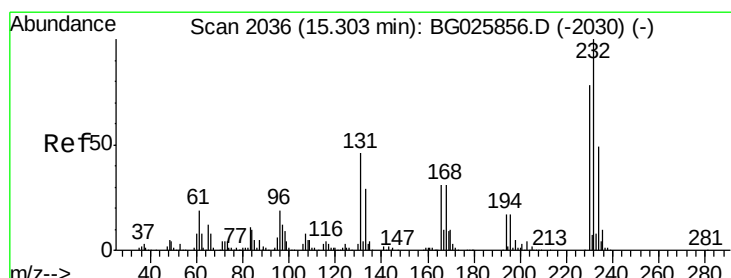
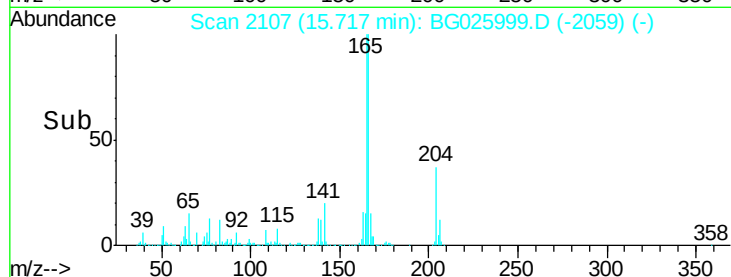
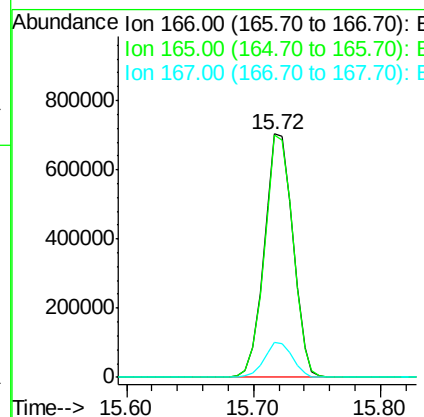
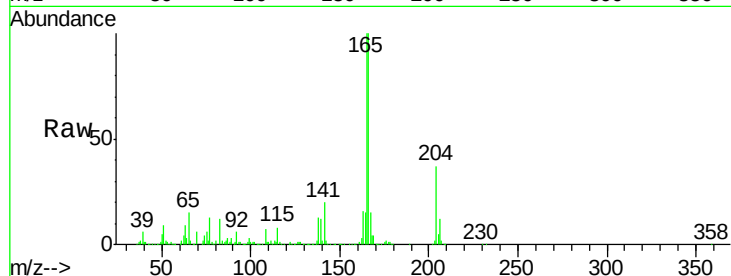
#57
 Fluorene
 Concen: 44.56 ng
 RT: 15.72 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	117.8
167	14.6	11.6	17.4

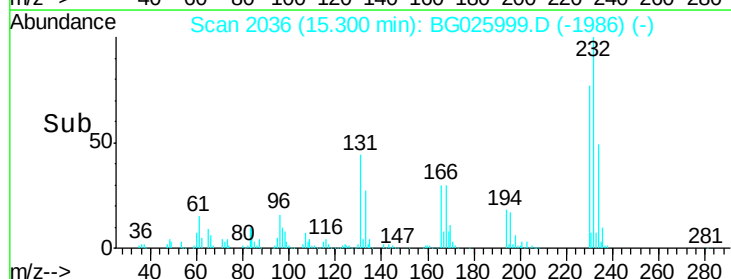
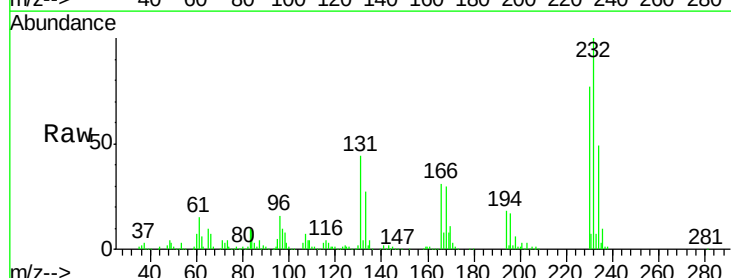
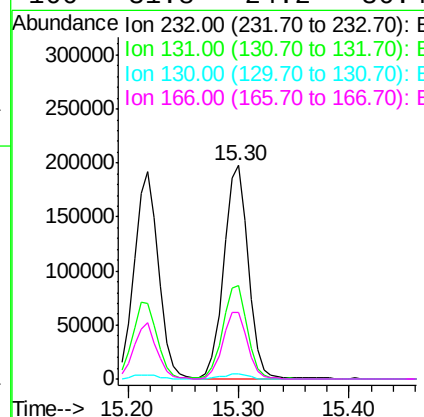
Manual Integrations
 APPROVED

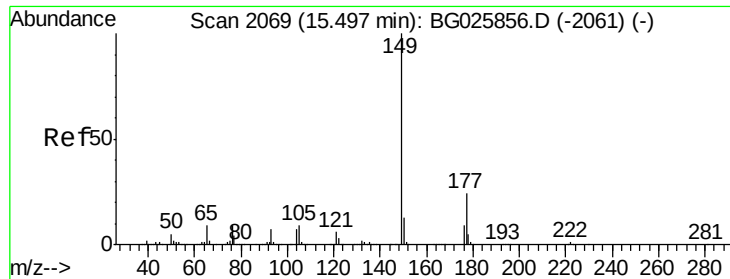
mohammad
 3/1/2017 3:07:05 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.56 ng
 RT: 15.30 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.4	34.9	52.3
130	2.5	2.3	3.5
166	31.8	24.2	36.4





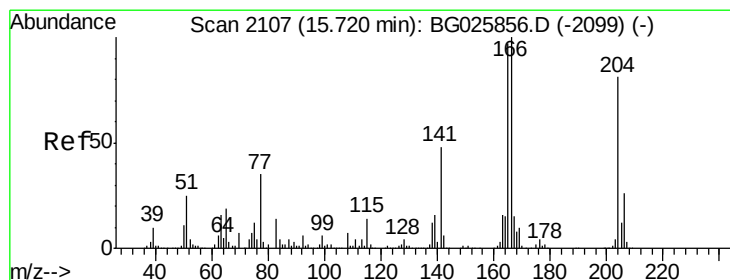
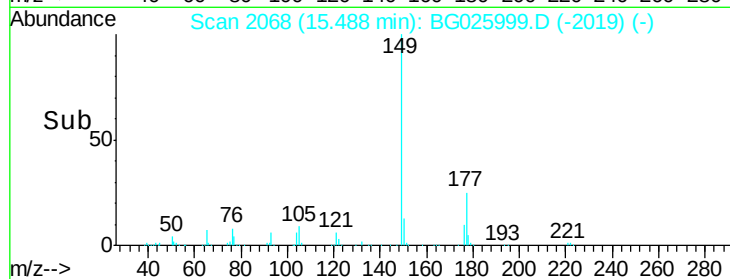
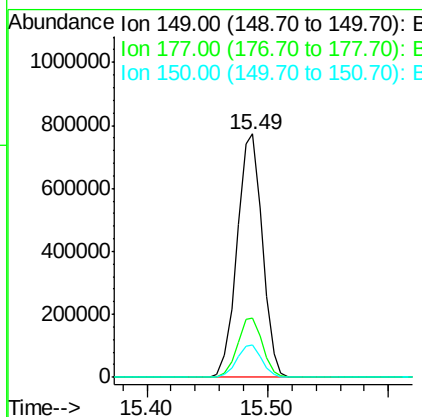
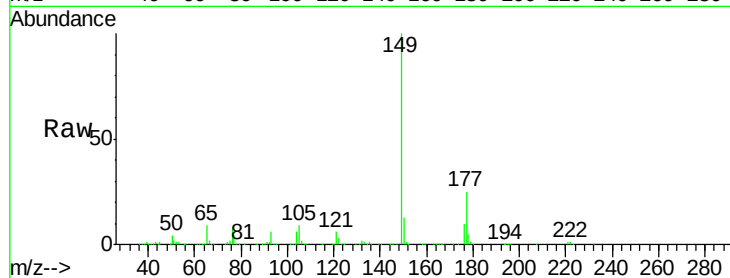
#59
Diethylphthalate
Concen: 46.89 ng
RT: 15.49 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	20.1	30.1
150	13.4	10.2	15.2

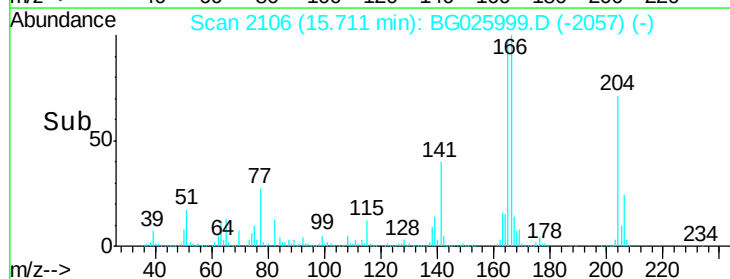
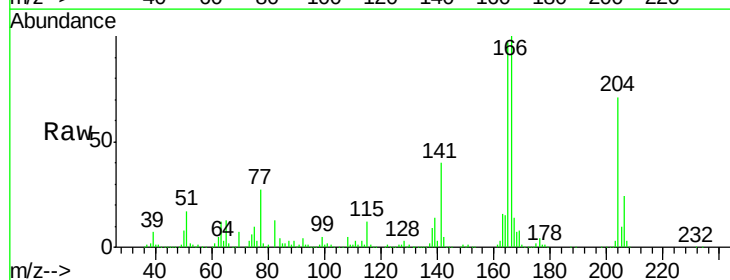
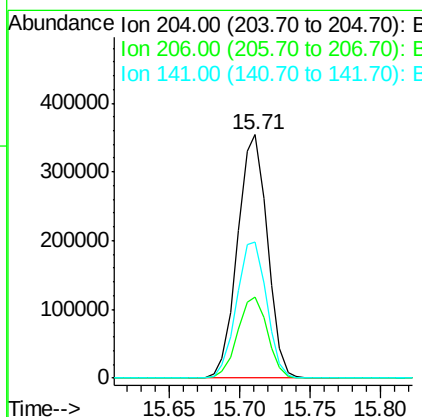
Manual Integrations
APPROVED

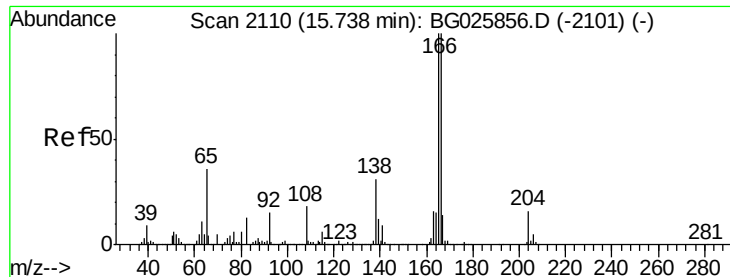
mohammad
3/1/2017 3:07:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.42 ng
RT: 15.71 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	30.1	45.1
141	55.9	50.6	76.0





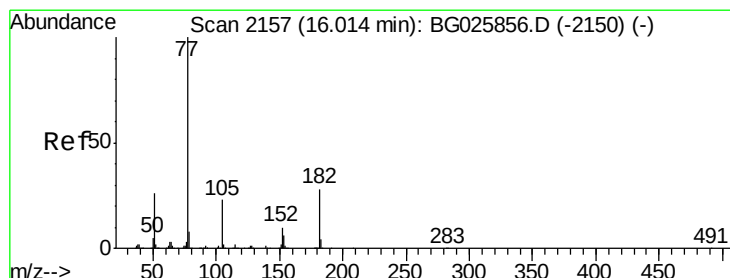
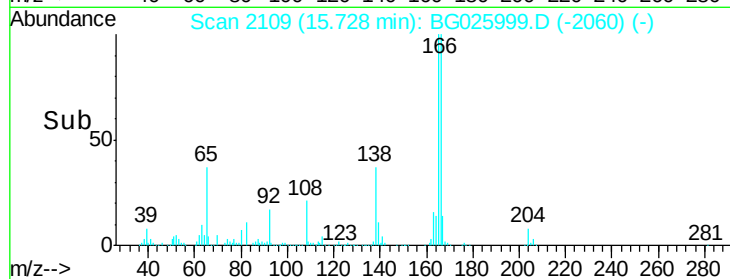
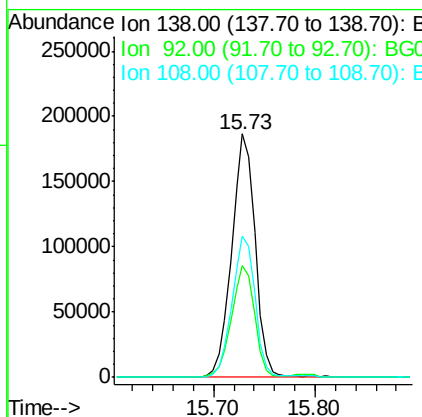
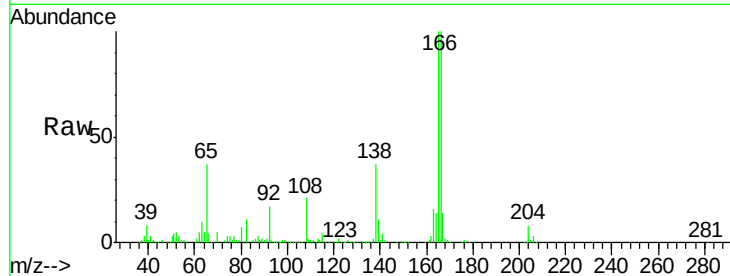
#61
4-Nitroaniline
Concen: 49.63 ng
RT: 15.73 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	299530		
92	46.1	44.2	84.2	
108	58.2	104.8	144.8	

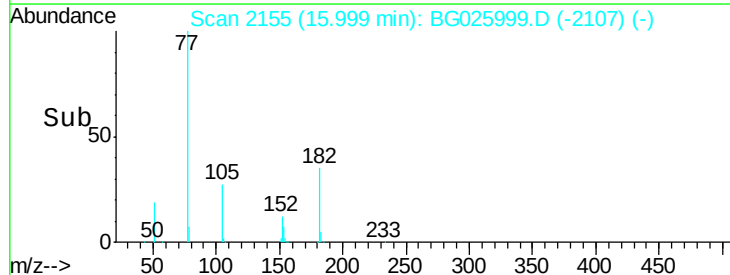
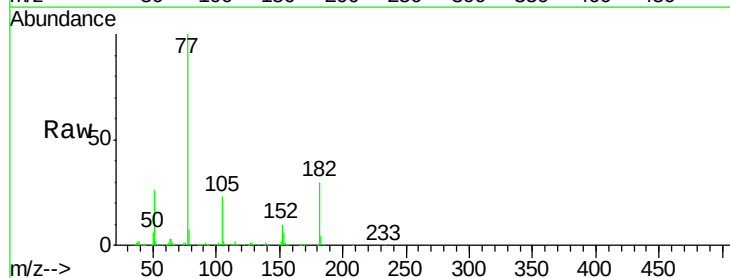
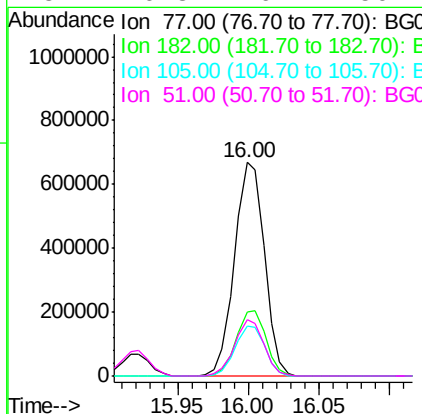
Manual Integrations
APPROVED

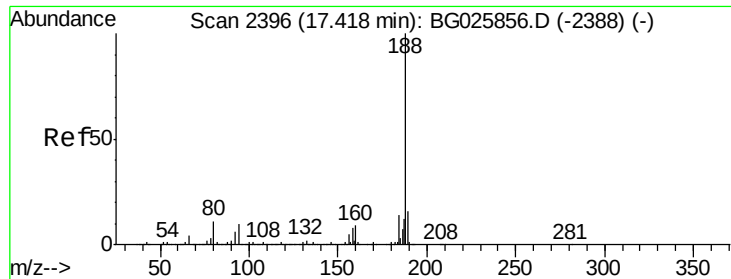
mohammad
3/1/2017 3:07:05 PM



#62
Azobenzene
Concen: 47.98 ng
RT: 16.00 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	988551		
182	30.0	4.7	44.7	
105	23.4	0.0	36.3	
51	26.3	16.4	56.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

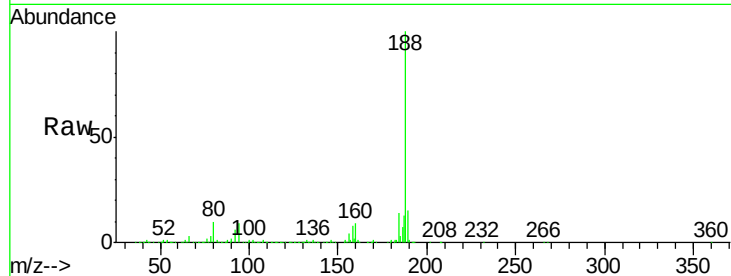
ClientSampleId :

PB97196BS

Tgt Ion:	188	Resp:	908991
Ion Ratio	Lower	Upper	
188	100		
94	9.2	5.8	8.8#
80	10.0	7.5	11.3

Manual Integrations
APPROVED

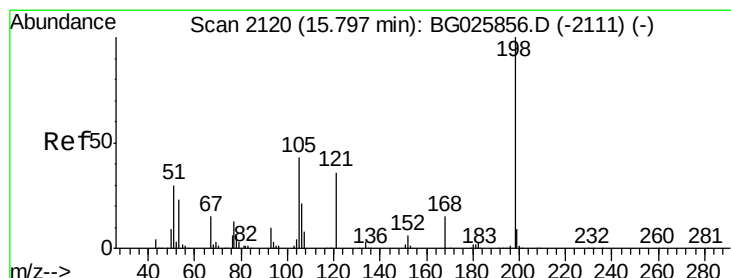
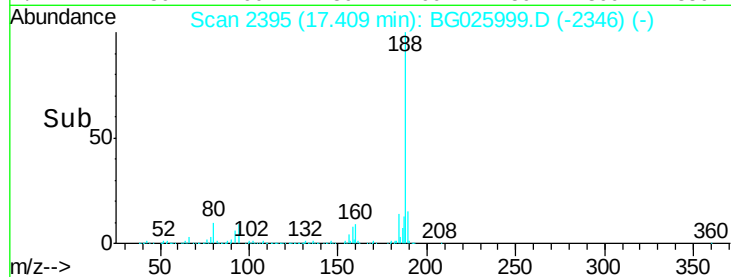
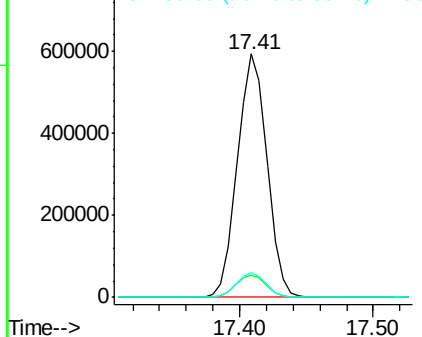
mohammad
3/1/2017 3:07:05 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 41.38 ng

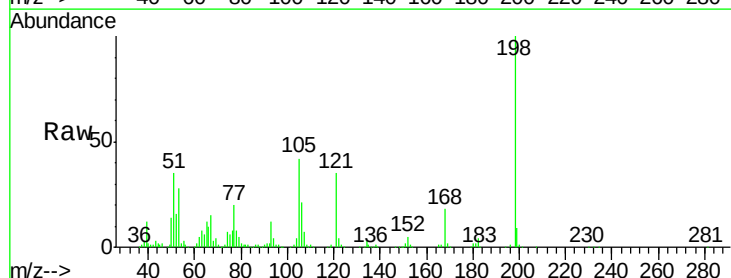
RT: 15.79 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

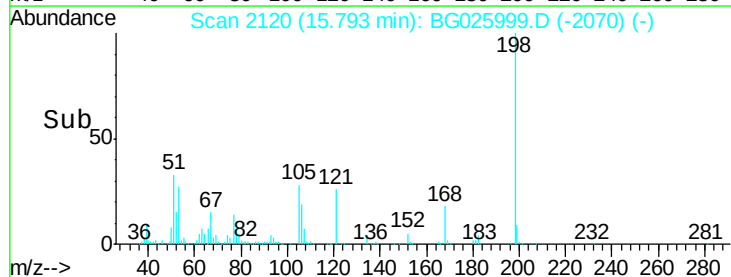
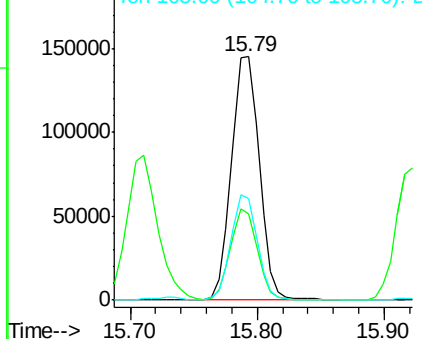
Tgt Ion:	198	Resp:	220132
Ion Ratio	Lower	Upper	
198	100		
51	35.5	22.6	62.6
105	41.5	14.4	54.4

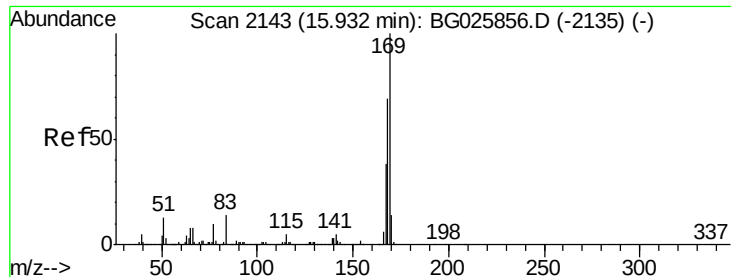


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





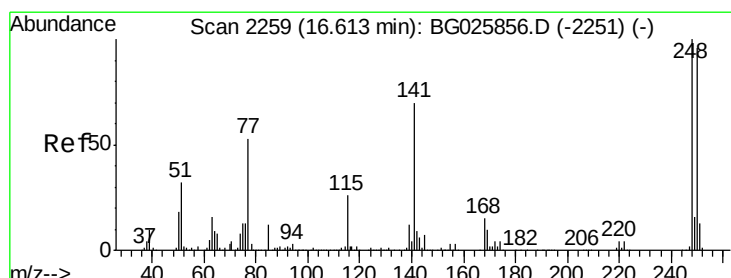
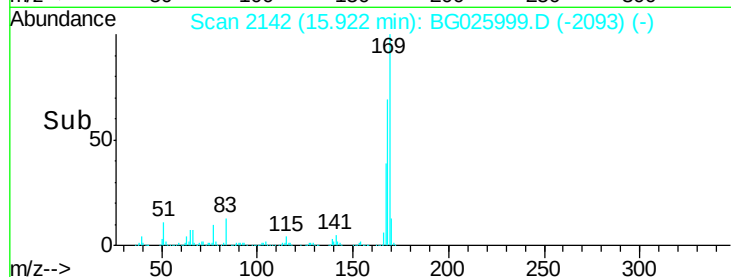
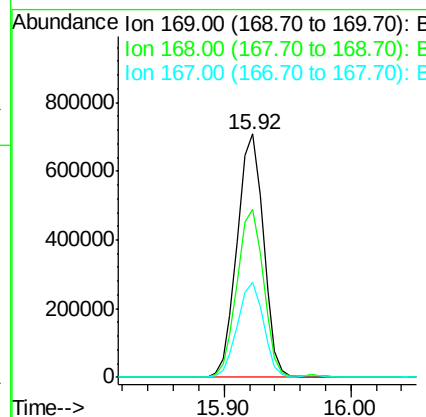
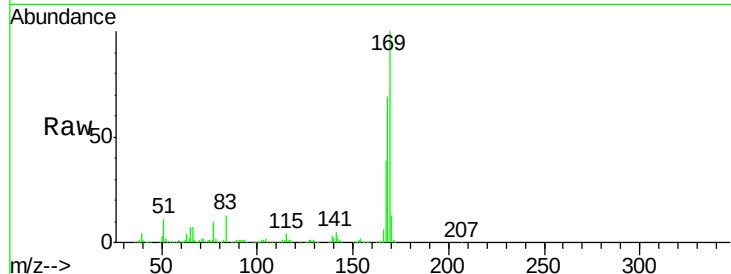
#65
n-Nitrosodiphenylamine
Concen: 36.93 ng
RT: 15.92 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion:169 Resp: 1017984
Ion Ratio Lower Upper
169 100
168 69.0 55.7 83.5
167 39.2 29.8 44.6

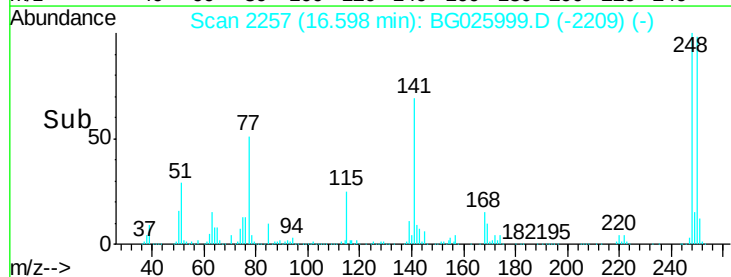
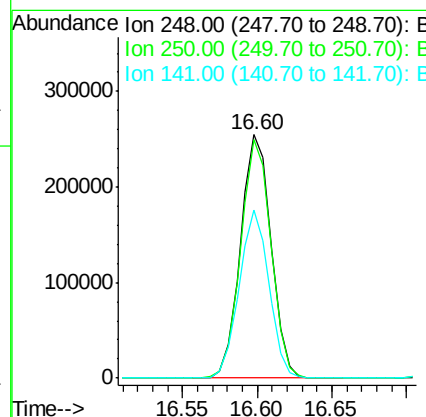
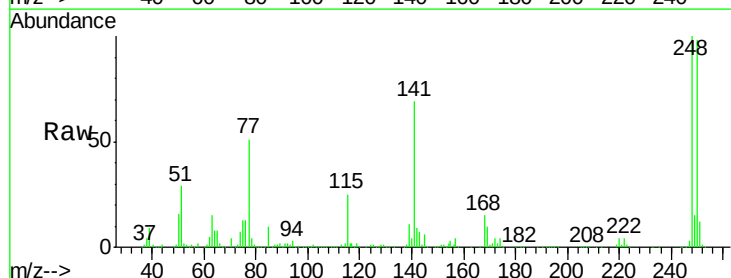
Manual Integrations
APPROVED

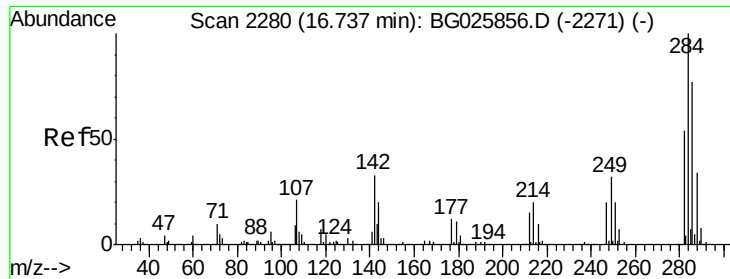
mohammad
3/1/2017 3:07:05 PM



#66
4-Bromophenyl-phenylether
Concen: 37.95 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion:248 Resp: 361588
Ion Ratio Lower Upper
248 100
250 98.2 75.0 112.6
141 69.0 55.2 82.8





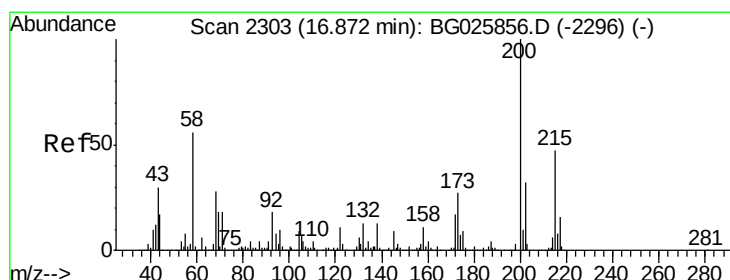
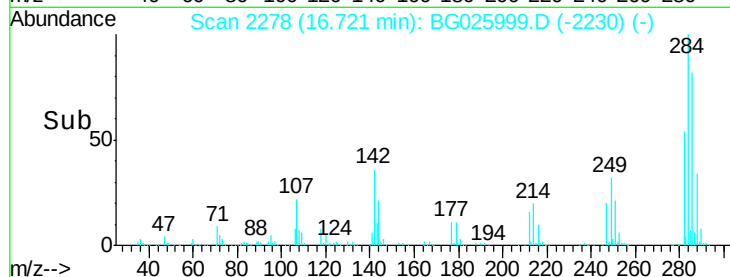
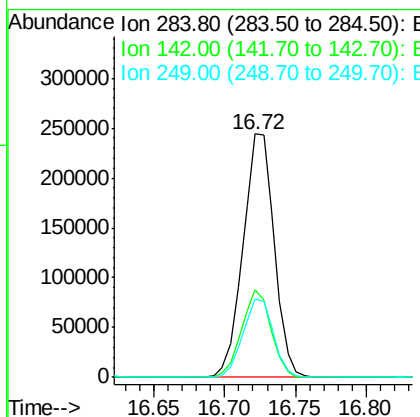
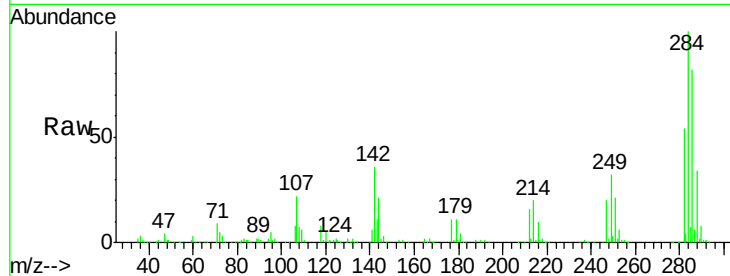
#67
Hexachlorobenzene
Concen: 38.27 ng
RT: 16.72 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	35.8	29.9	44.9
249	32.3	29.2	43.8

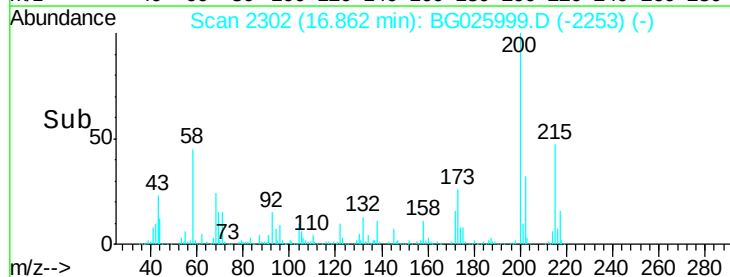
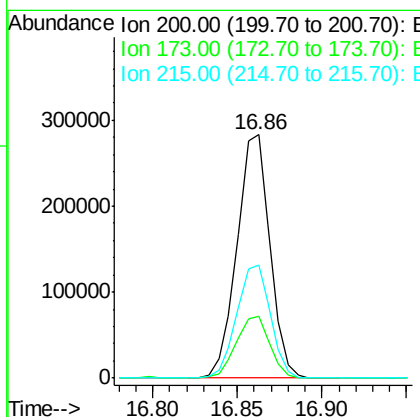
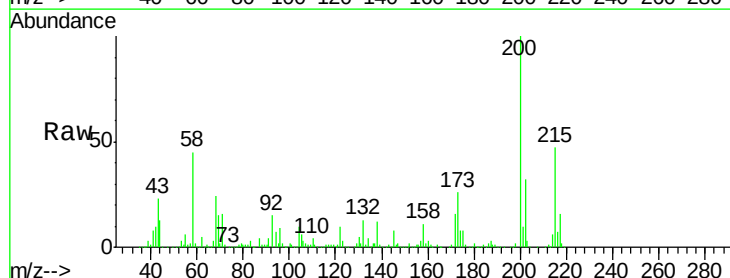
Manual Integrations
APPROVED

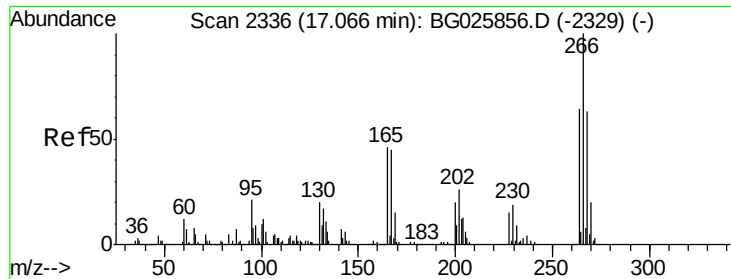
mohammad
3/1/2017 3:07:05 PM



#68
Atrazine
Concen: 39.42 ng
RT: 16.86 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	3.0	43.0
215	46.7	28.4	68.4





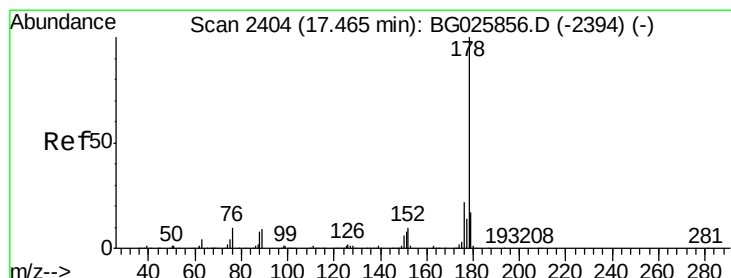
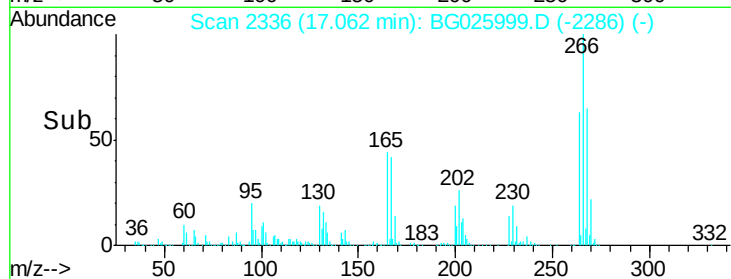
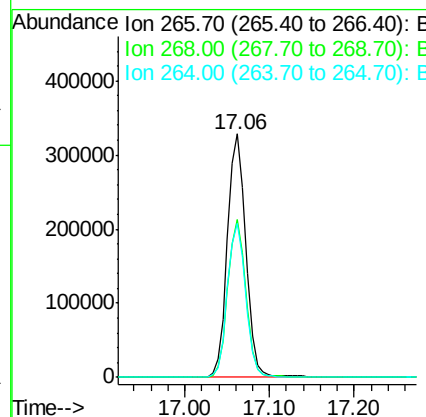
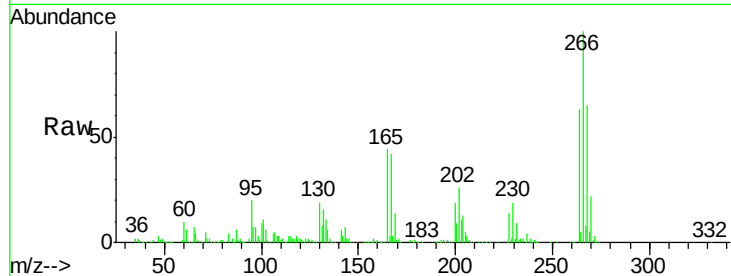
#69
 Pentachlorophenol
 Concen: 82.15 ng
 RT: 17.06 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	497601		
268	64.8	48.6	72.8	
264	63.1	50.1	75.1	

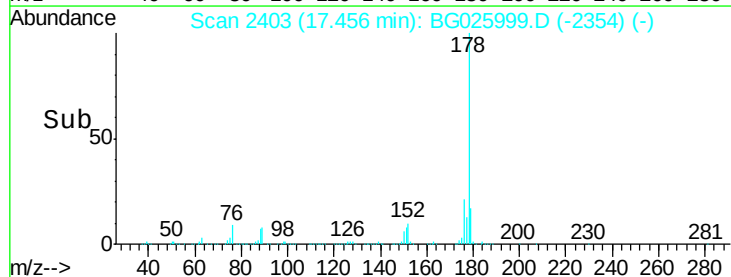
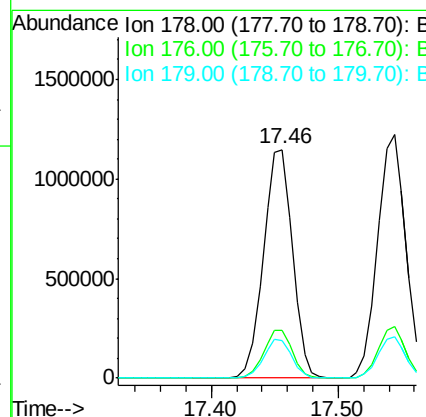
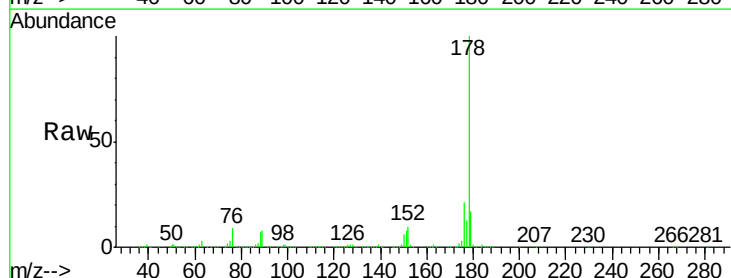
Manual Integrations
 APPROVED

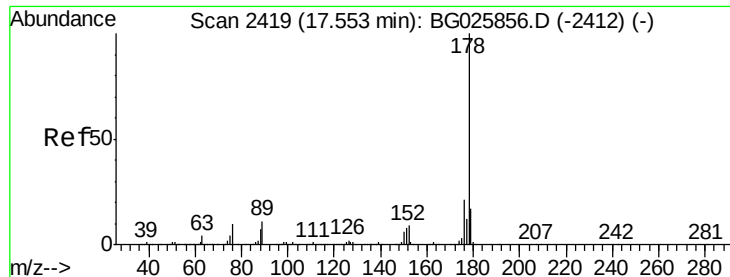
mohammad
 3/1/2017 3:07:05 PM



#70
 Phenanthrene
 Concen: 37.04 ng
 RT: 17.46 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1827761		
176	21.1	17.7	26.5	
179	16.6	15.0	22.6	





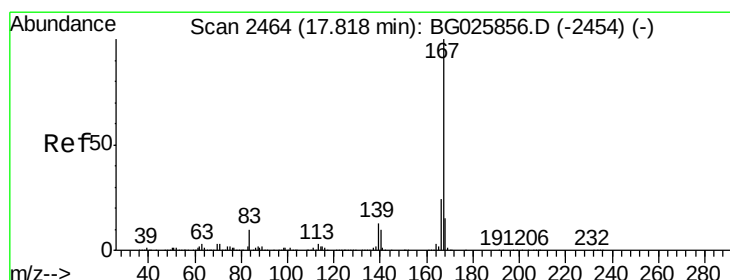
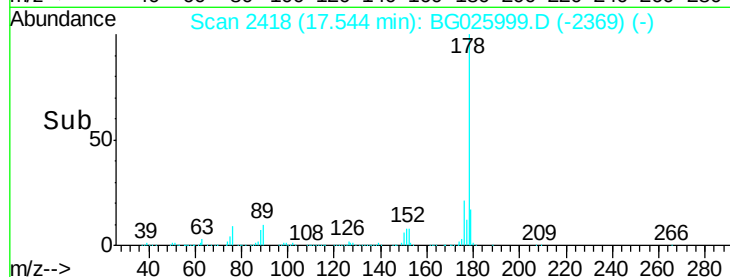
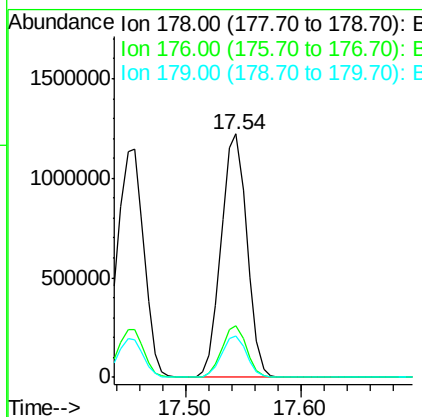
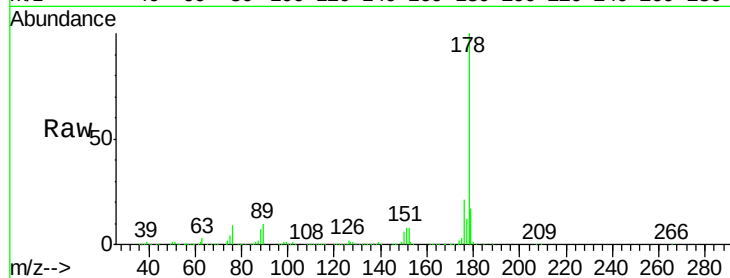
#71
 Anthracene
 Concen: 37.52 ng
 RT: 17.54 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion:178 Resp: 1887693
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.4 24.6
 179 17.2 13.8 20.8

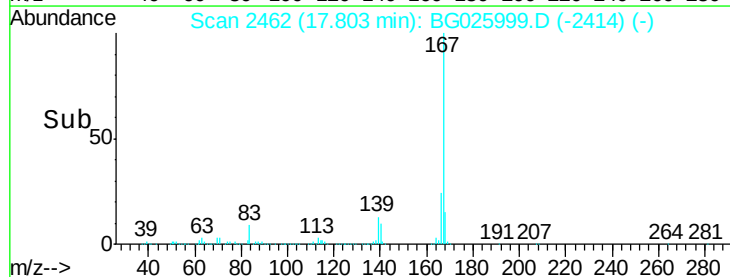
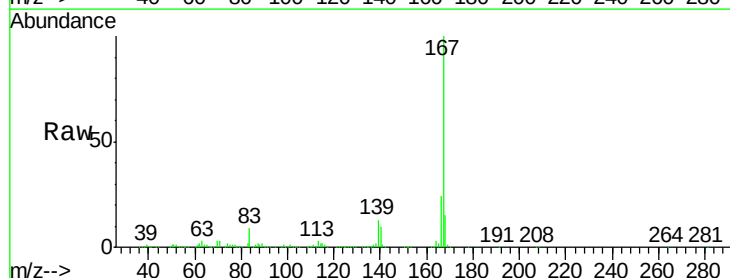
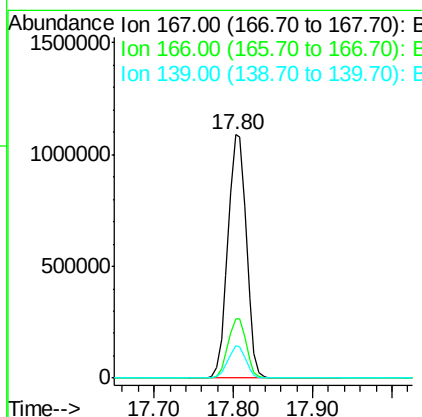
Manual Integrations
 APPROVED

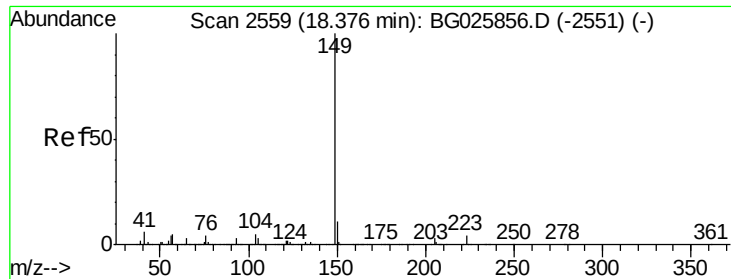
mohammad
 3/1/2017 3:07:05 PM



#72
 Carbazole
 Concen: 34.81 ng
 RT: 17.80 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion:167 Resp: 1759410
 Ion Ratio Lower Upper
 167 100
 166 24.3 20.2 30.2
 139 13.3 12.8 19.2





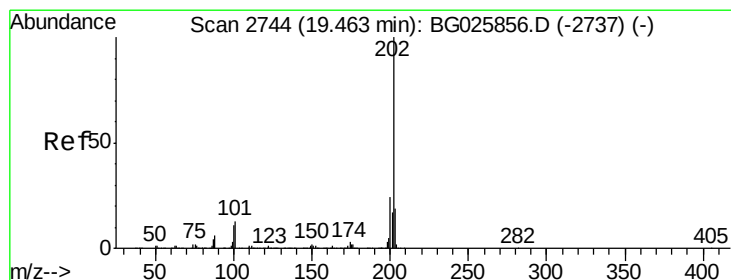
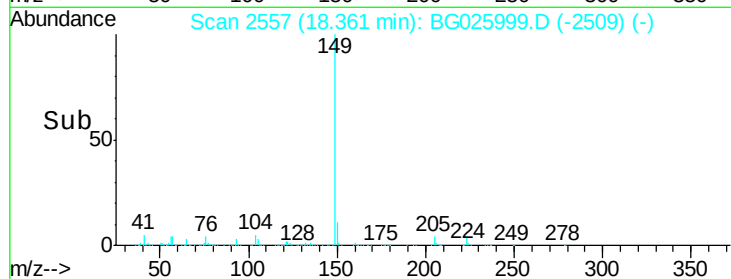
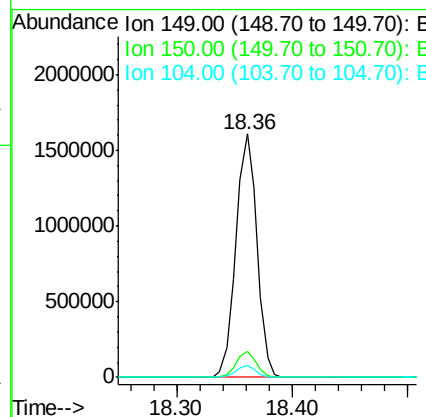
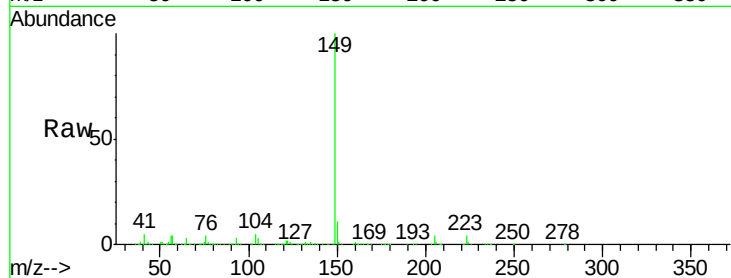
#73
Di-n-butylphthalate
Concen: 40.88 ng
RT: 18.36 min Scan# 2557
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	9.1	13.7
104	4.7	6.7	10.1

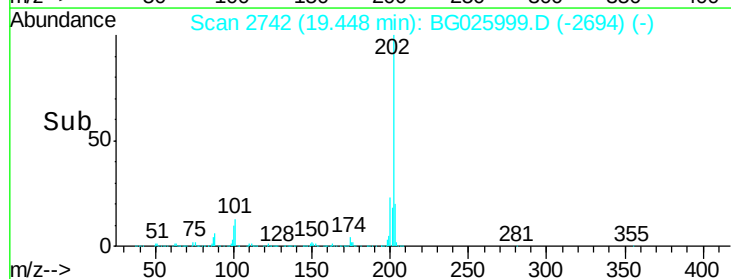
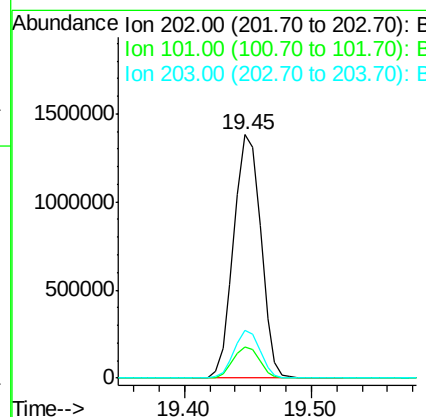
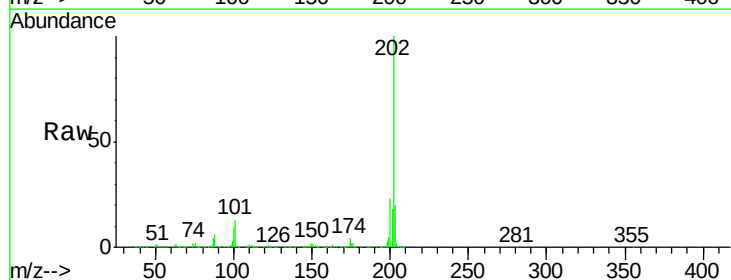
Manual Integrations
APPROVED

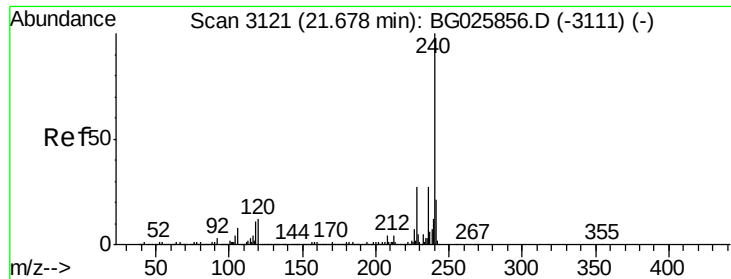
mohammad
3/1/2017 3:07:05 PM



#74
Fluoranthene
Concen: 37.68 ng
RT: 19.45 min Scan# 2742
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.1
203	19.8	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

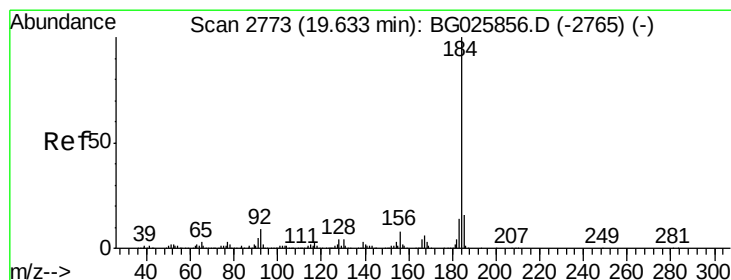
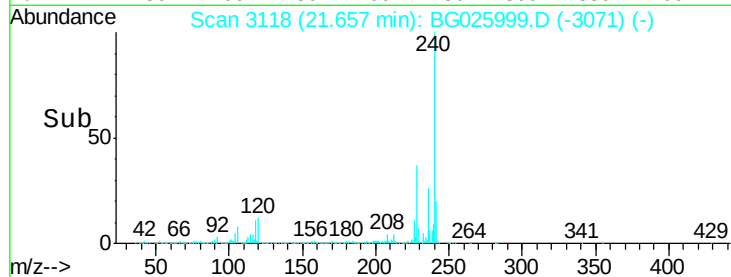
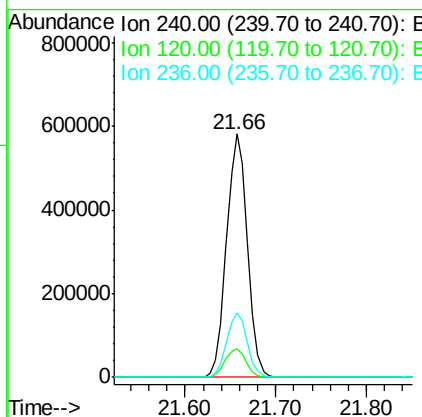
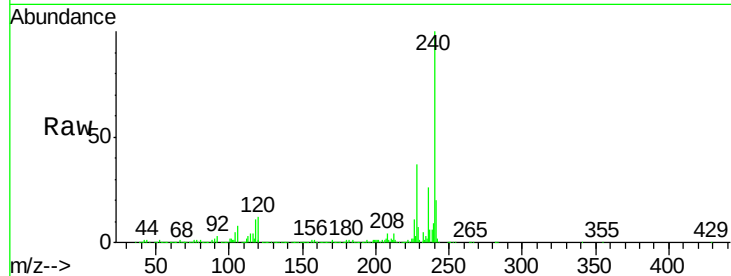
ClientSampleId :

PB97196BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.7	8.5#
236	26.5	22.2	33.4

Manual Integrations
APPROVED

mohammad
3/1/2017 3:07:05 PM



#76

Benzidine

Concen: 19.16 ng

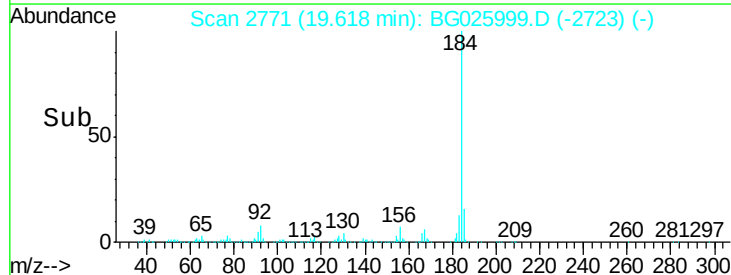
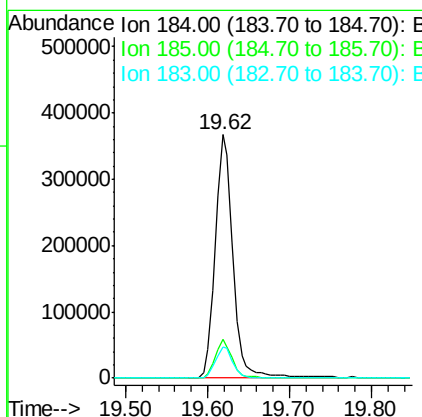
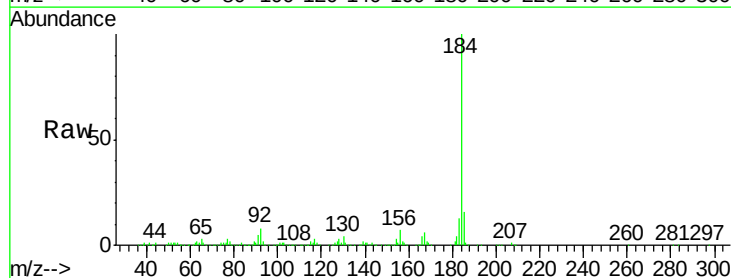
RT: 19.62 min Scan# 2771

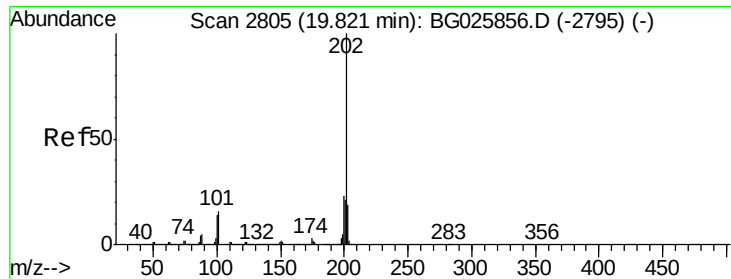
Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.0	13.0	19.6
183	12.9	11.0	16.6





#77

Pyrene

Concen: 35.20 ng

RT: 19.81 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

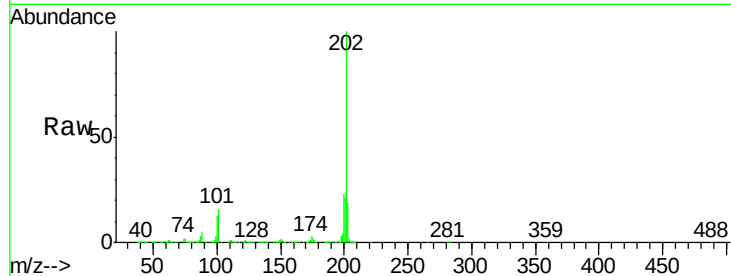
ClientSampleId :

PB97196BS

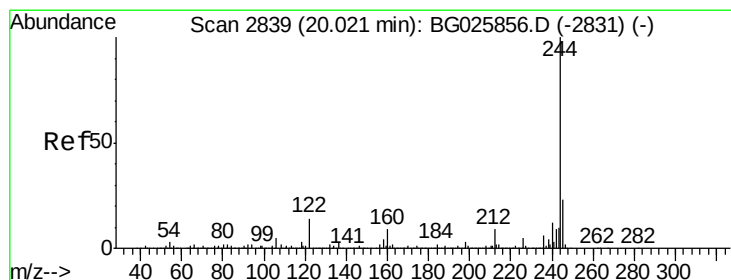
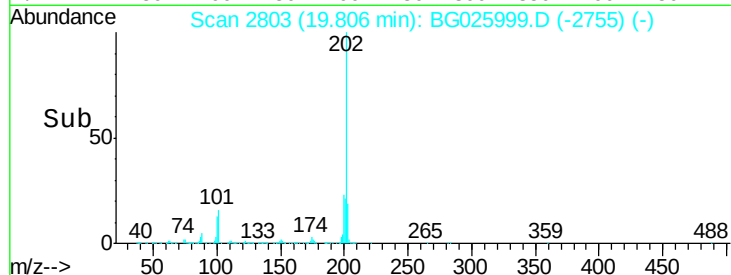
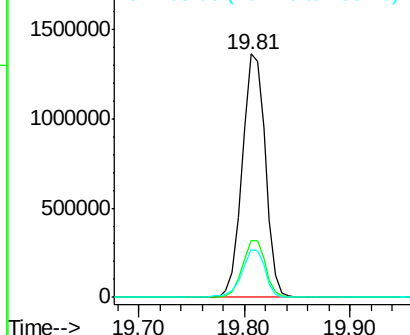
Tgt Ion:	202	Resp:	2059628
Ion	Ratio	Lower	Upper
202	100		
200	23.3	19.6	29.4
203	19.4	15.8	23.8

Manual Integrations
APPROVED

mohammad
3/1/2017 3:07:05 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.59 ng

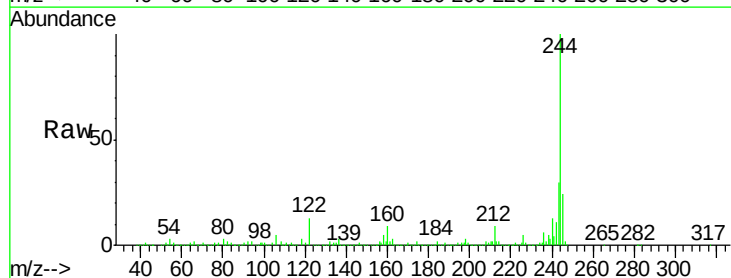
RT: 20.01 min Scan# 2837

Delta R.T. -0.02 min

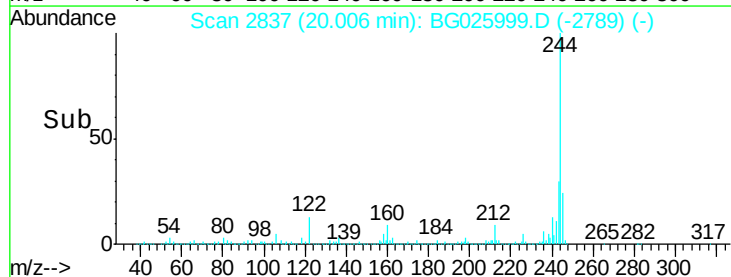
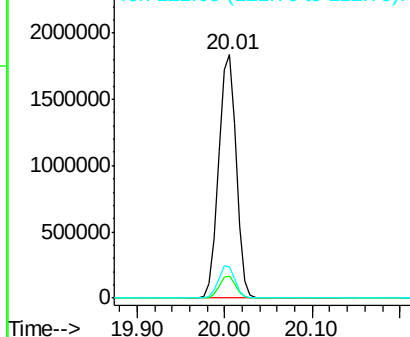
Lab File: BG025999.D

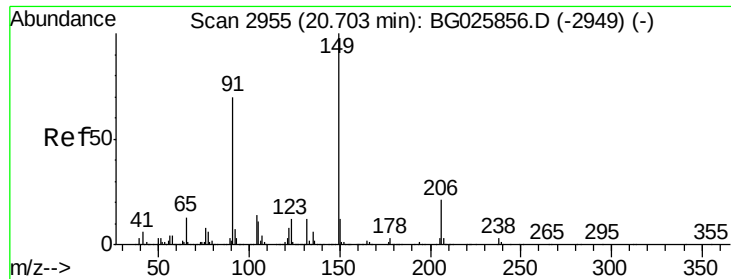
Acq: 28 Feb 2017 16:20

Tgt Ion:	244	Resp:	2570847
Ion	Ratio	Lower	Upper
244	100		
212	9.2	10.0	15.0#
122	13.0	8.6	12.8#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





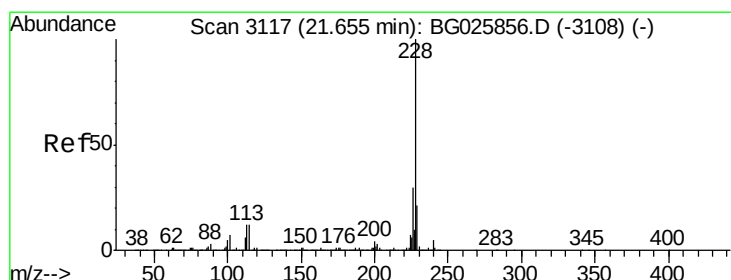
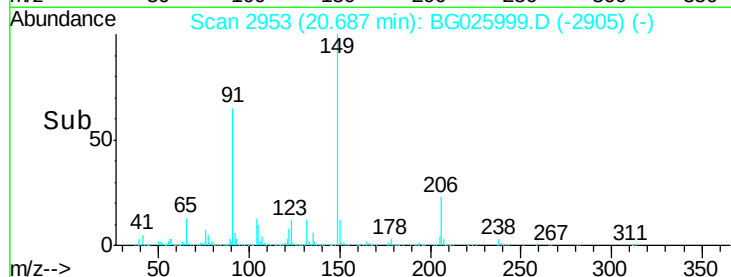
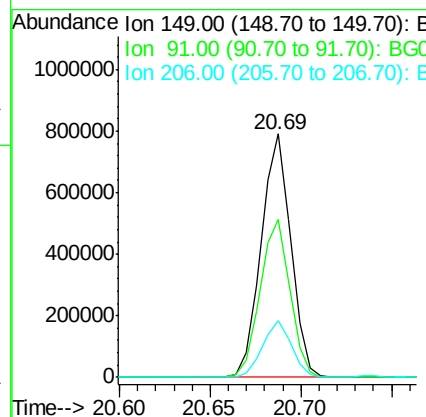
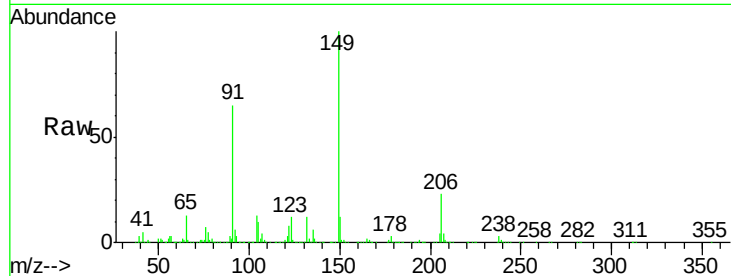
#79
Butylbenzylphthalate
Concen: 40.40 ng
RT: 20.69 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	897010		
91	64.9	63.5	95.3	
206	23.2	21.0	31.6	

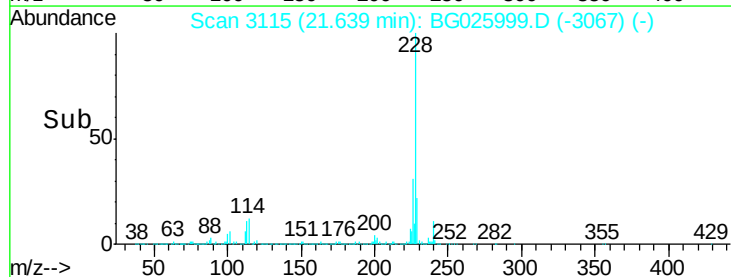
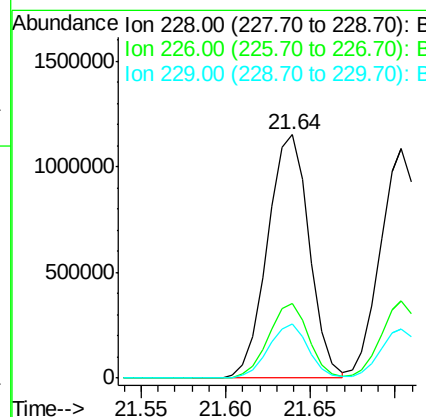
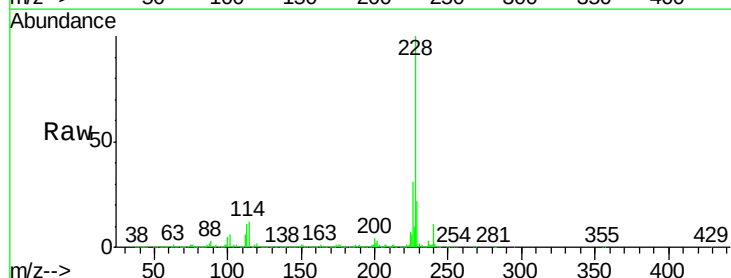
Manual Integrations
APPROVED

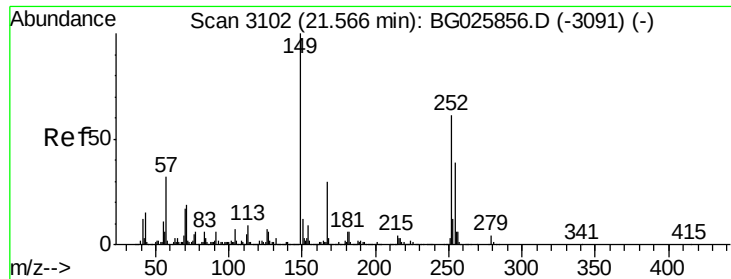
mohammad
3/1/2017 3:07:05 PM



#80
Benzo(a)anthracene
Concen: 36.56 ng
RT: 21.64 min Scan# 3115
Delta R.T. -0.02 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1974743		
226	30.9	24.9	37.3	
229	22.0	18.2	27.2	





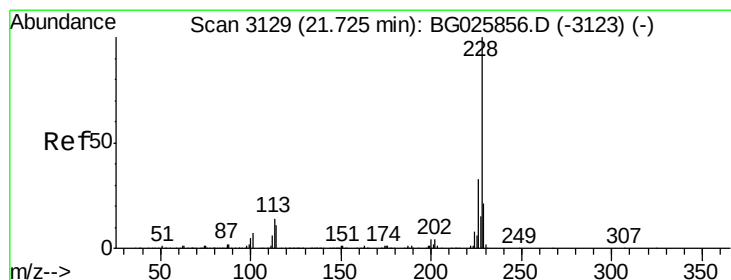
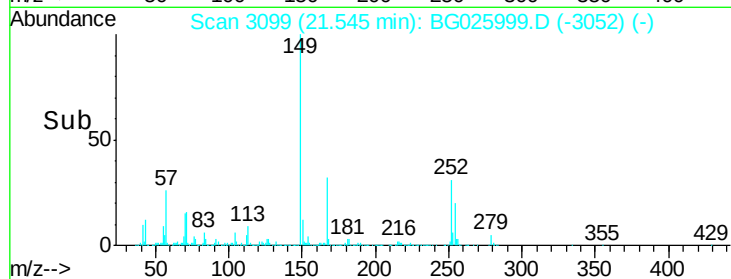
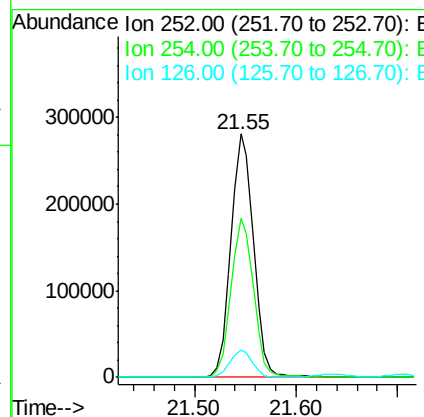
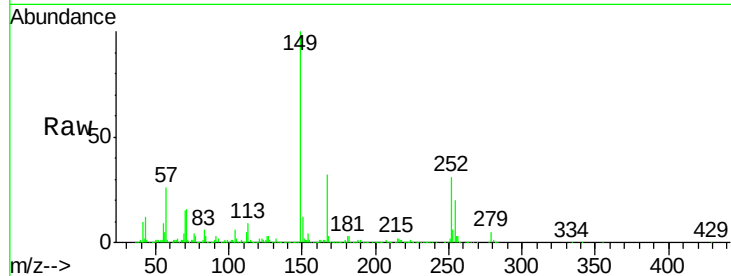
#81
 3,3'-Dichlorobenzidine
 Concen: 22.71 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	437200		
254	65.3	53.1	79.7	
126	11.1	7.0	10.4	

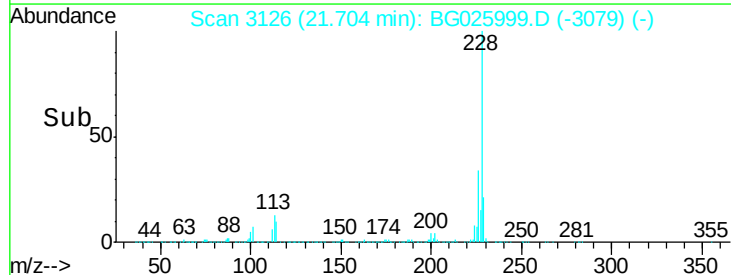
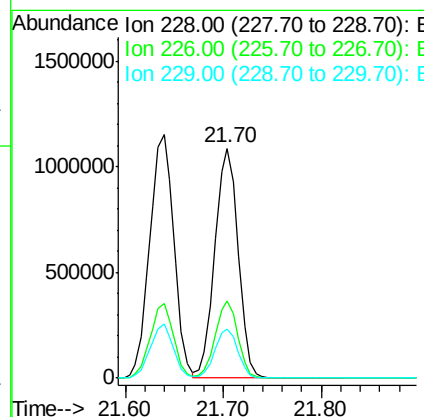
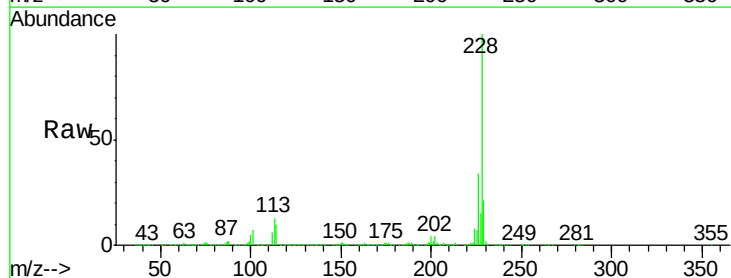
Manual Integrations
 APPROVED

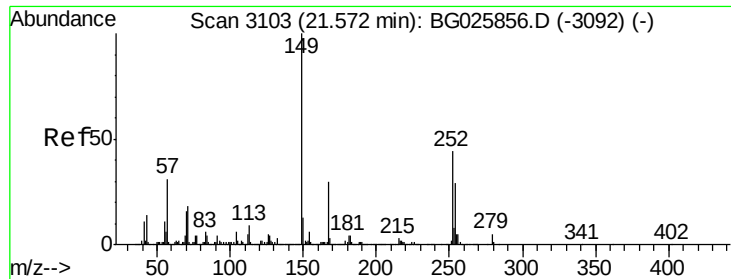
mohammad
 3/1/2017 3:07:05 PM



#82
 Chrysene
 Concen: 34.65 ng
 RT: 21.70 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG025999.D
 Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1799719		
226	33.5	27.0	40.4	
229	21.4	17.8	26.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.38 ng

RT: 21.55 min Scan# 3099

Delta R.T. -0.03 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

Tgt Ion:149 Resp: 1262455

Ion Ratio Lower Upper

149 100

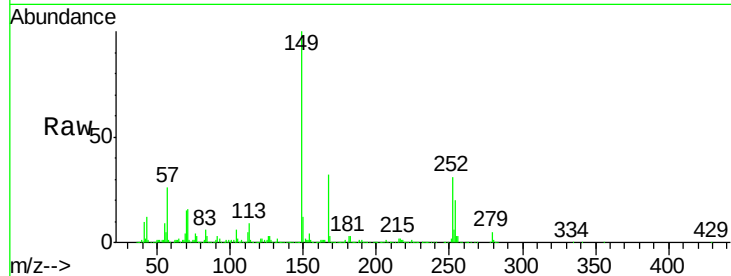
167 31.7 23.7 35.5

279 5.2 4.6 6.8

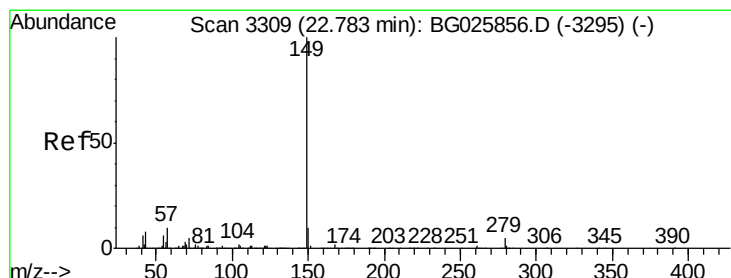
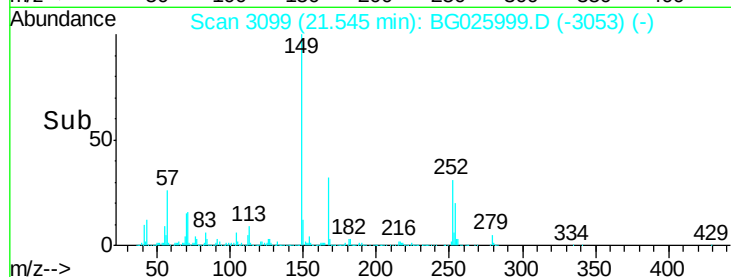
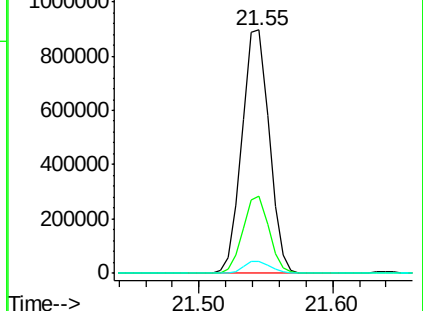
Manual Integrations
APPROVED

mohammad

3/1/2017 3:07:05 PM



Abundance Ion 149.00 (148.70 to 149.70): E
1200000
Ion 167.00 (166.70 to 167.70): E
1000000
Ion 279.00 (278.70 to 279.70): E
800000
600000
400000
200000
0



#84

Di-n-octyl phthalate

Concen: 41.17 ng

RT: 22.74 min Scan# 3303

Delta R.T. -0.04 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

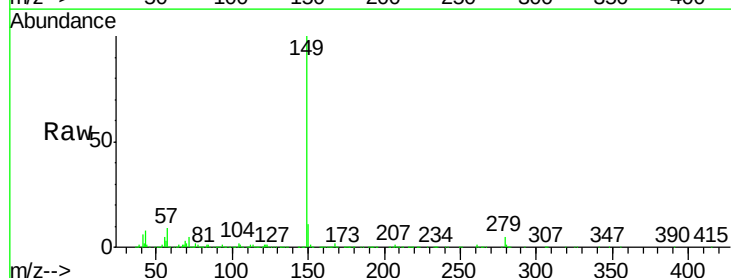
Tgt Ion:149 Resp: 2179905

Ion Ratio Lower Upper

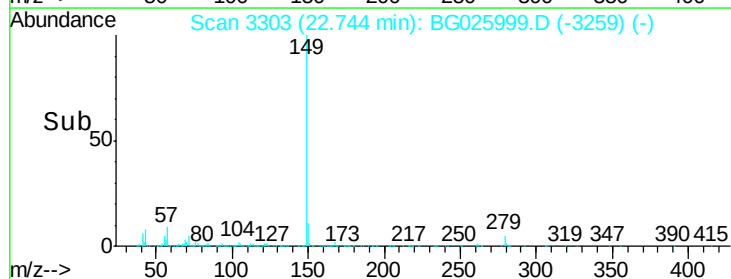
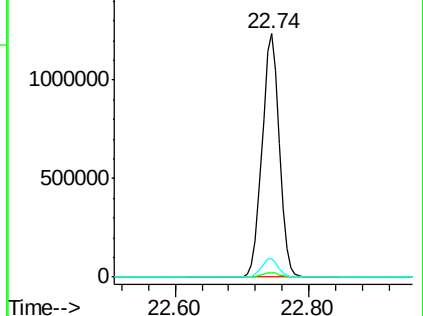
149 100

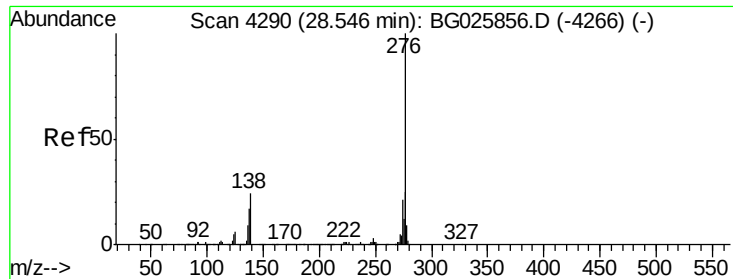
167 1.7 1.4 2.2

43 7.4 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 167.00 (166.70 to 167.70): E
1000000
Ion 43.00 (42.70 to 43.70): BGO
500000
0





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.12 ng

RT: 28.50 min Scan# 4283

Delta R.T. -0.04 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

Tgt Ion:276 Resp: 2392957

Ion Ratio Lower Upper

276 100

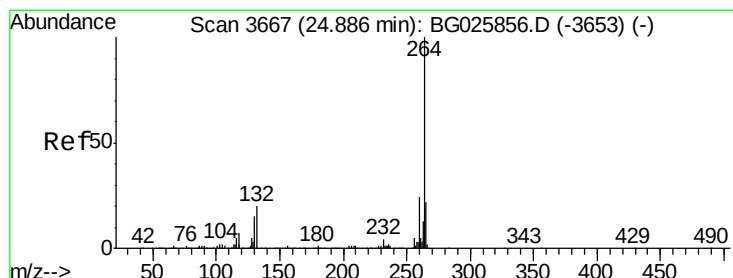
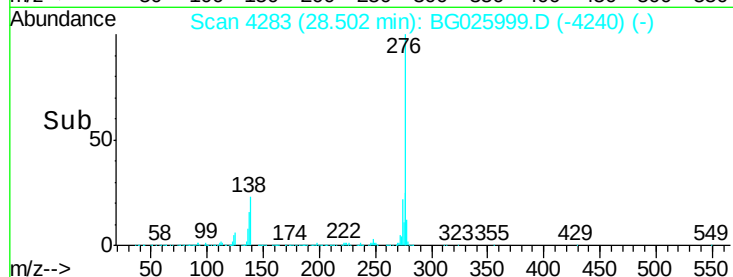
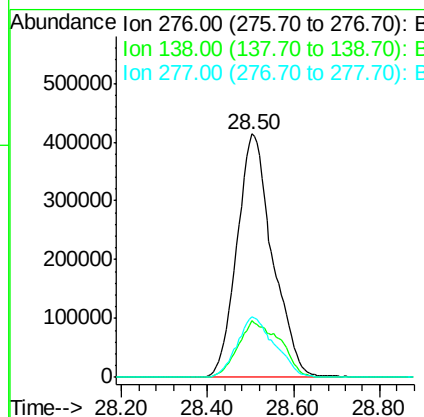
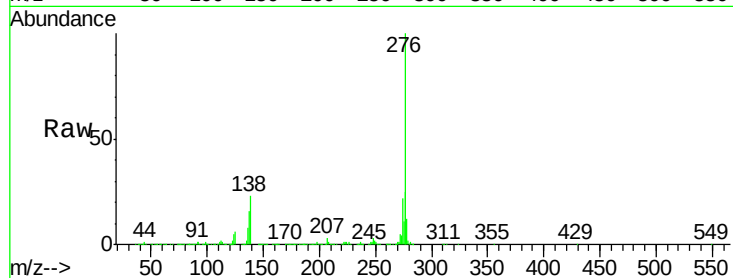
138 27.4 4.7 7.1#

277 26.3 20.6 31.0

Manual Integrations
APPROVED

mohammad

3/1/2017 3:07:05 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.86 min Scan# 3663

Delta R.T. -0.03 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

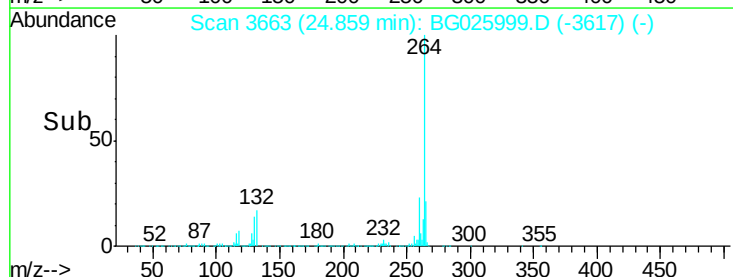
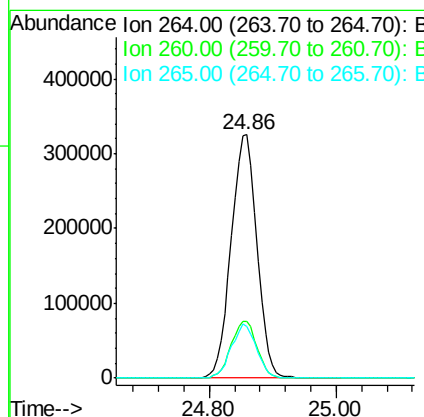
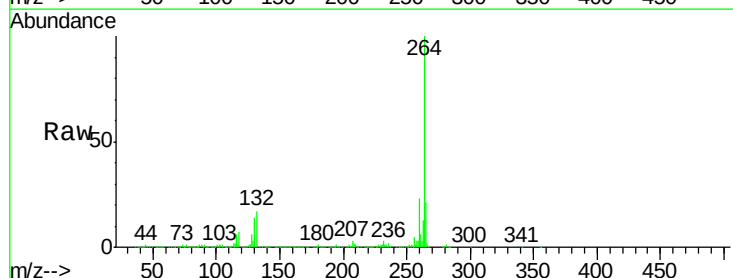
Tgt Ion:264 Resp: 911904

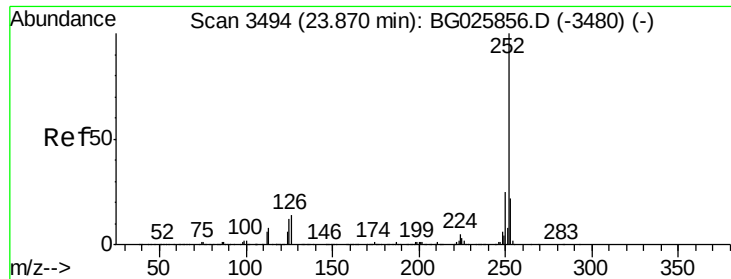
Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 21.3 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 36.93 ng

RT: 23.84 min Scan# 3490

Delta R.T. -0.03 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

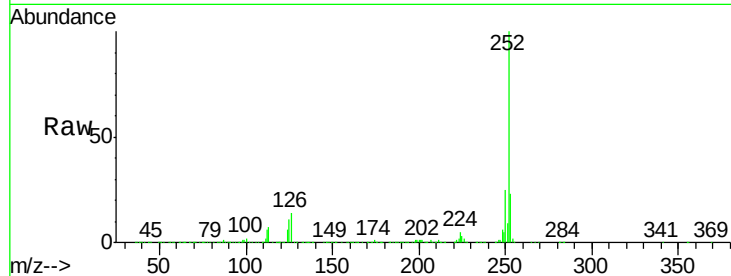
ClientSampleId :

PB97196BS

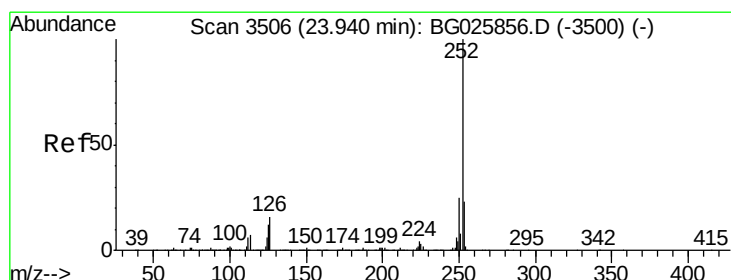
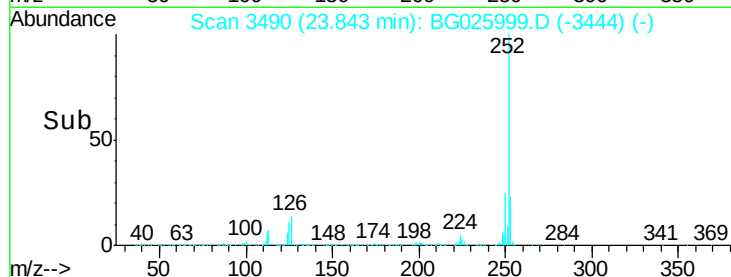
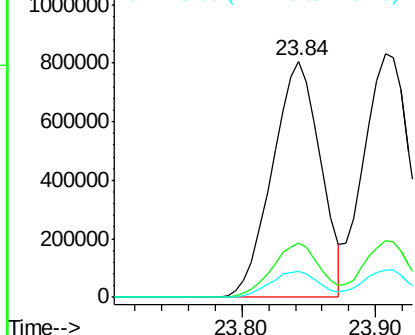
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	11.2	5.3	7.9#

Manual Integrations
APPROVED

mohammad
3/1/2017 3:07:05 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: 37.67 ng

RT: 23.91 min Scan# 3501

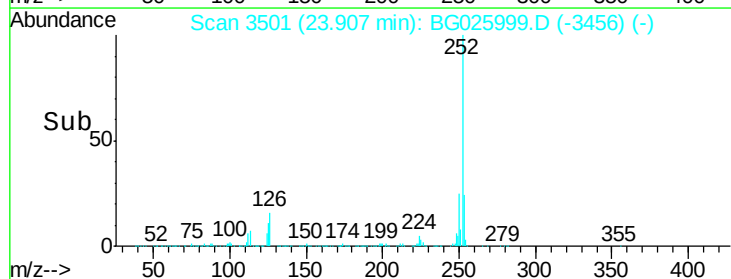
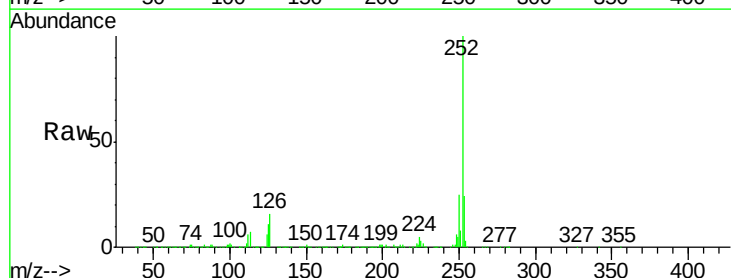
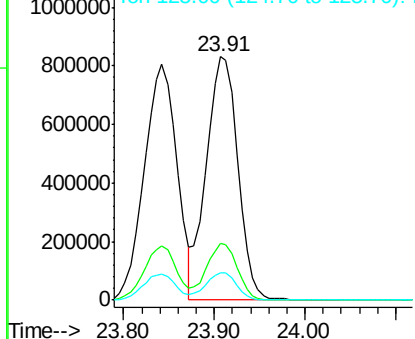
Delta R.T. -0.03 min

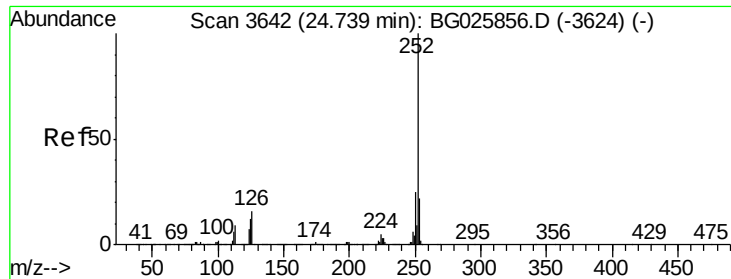
Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.2	30.2
125	11.1	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





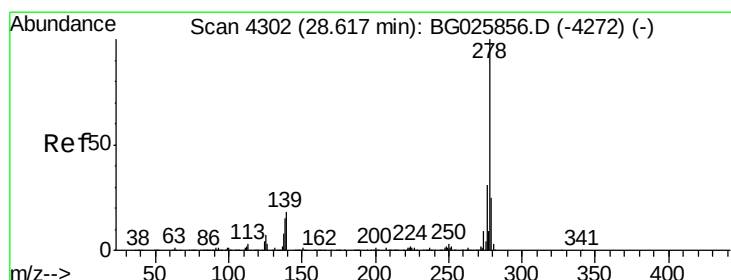
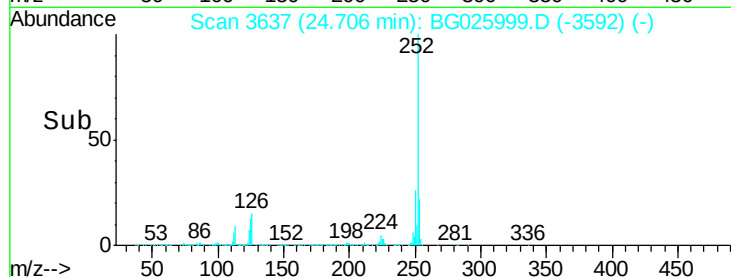
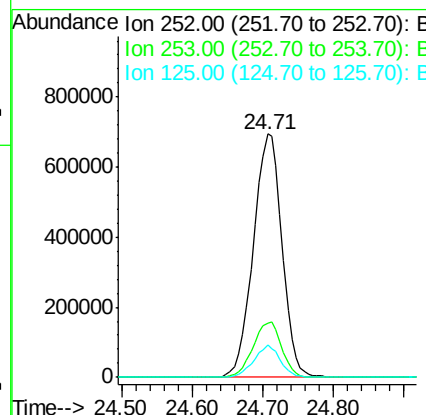
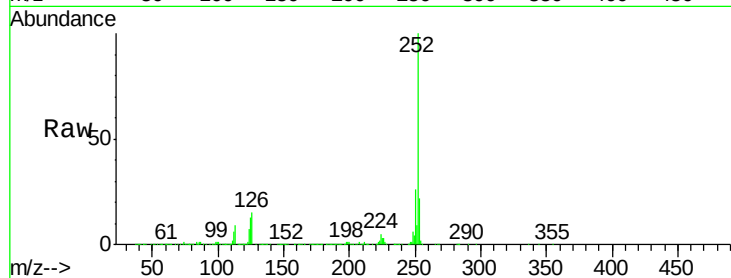
#89
Benzo(a)pyrene
Concen: 37.99 ng
RT: 24.71 min Scan# 3637
Delta R.T. -0.03 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.2	28.8
125	13.1	5.4	8.0#

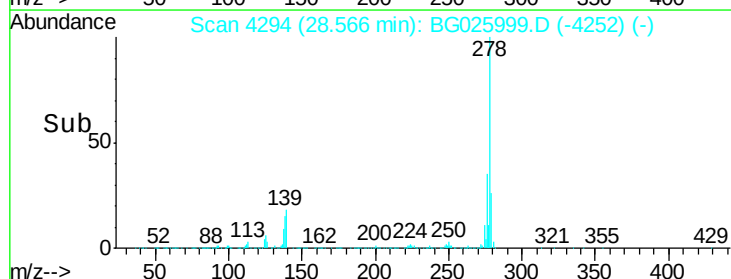
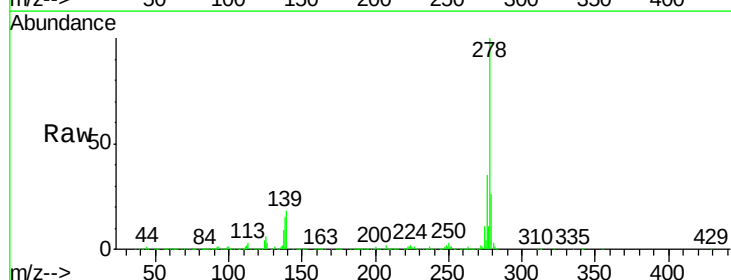
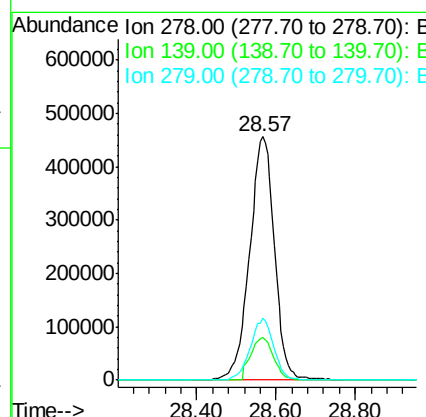
Manual Integrations
APPROVED

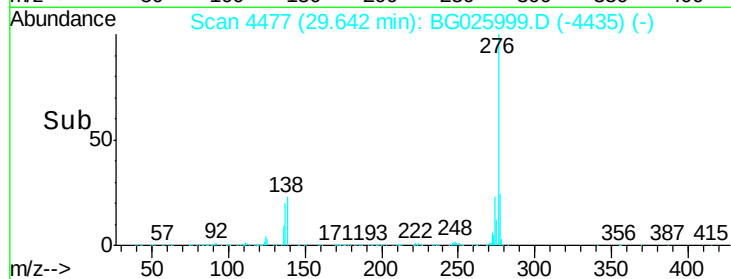
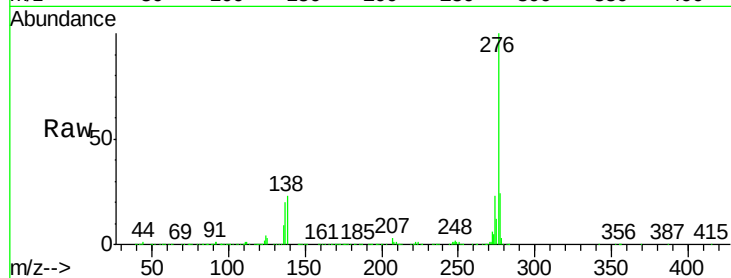
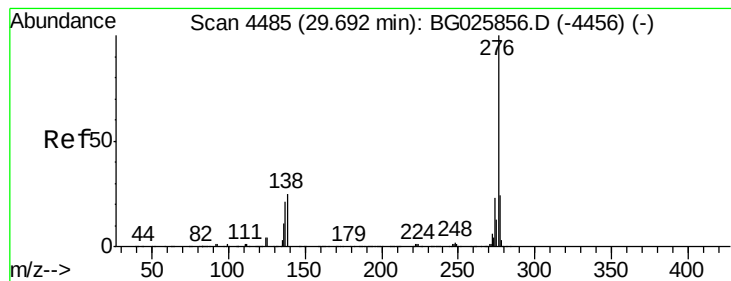
mohammad
3/1/2017 3:07:05 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.29 ng
RT: 28.57 min Scan# 4294
Delta R.T. -0.05 min
Lab File: BG025999.D
Acq: 28 Feb 2017 16:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	7.7	11.5#
279	25.7	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 38.38 ng

RT: 29.64 min Scan# 4477

Delta R.T. -0.05 min

Lab File: BG025999.D

Acq: 28 Feb 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB97196BS

Tgt Ion: 276 Resp: 1999499

Ion Ratio Lower Upper

276 100

277 23.9 18.6 27.8

138 23.0 8.1 12.1#

Manual Integrations

APPROVED

mohammad

3/1/2017 3:07:05 PM

