

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
 Data File : BG027320.D
 Acq On : 8 Jun 2017 17:02
 Operator : SJ/MA
 Sample : PB99585BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99585BS

Manual Integrations
 APPROVED

mohammad
 6/9/2017 12:20:41 PM

Quant Time: Jun 08 17:53:27 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	48630	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	234381	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	155446	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	371558	20.00	ng	-0.03
75) Chrysene-d12	22.28	240	424158	20.00	ng	-0.03
86) Perylene-d12	25.96	264	391115	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	6.14	112	410329	128.76	ng	-0.02
7) Phenol-d6	7.69	99	597970	127.83	ng	-0.01
23) Nitrobenzene-d5	9.72	82	325970	87.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	254414	124.29	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	798611	71.87	ng	-0.03
78) Terphenyl-d14	20.47	244	1258823	75.71	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.16	88	43698	33.069	ng	# 85
3) Pyridine	4.54	79	127157	31.216	ng	# 75
4) n-Nitrosodimethylamine	4.44	42	57756	38.293	ng	# 52
6) Aniline	7.89	93	146451	24.860	ng	# 95
8) 2-Chlorophenol	8.12	128	140177	41.656	ng	94
9) Benzaldehyde	7.70	77	68217	21.091	ng	91
10) Phenol	7.72	94	211565	44.224	ng	77
11) bis(2-Chloroethyl)ether	7.96	93	139526	35.552	ng	87
12) 1,3-Dichlorobenzene	8.45	146	128014m	33.728	ng	
13) 1,4-Dichlorobenzene	8.59	146	131991	33.885	ng	96
14) 1,2-Dichlorobenzene	8.91	146	128347	33.782	ng	95
15) Benzyl Alcohol	8.78	79	143325	43.484	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	9.07	45	227740	40.556	ng	93
17) 2-Methylphenol	8.97	107	138390	40.924	ng	# 88
18) Hexachloroethane	9.65	117	47389	36.116	ng	85
19) n-Nitroso-di-n-propylamine	9.34	70	123638	37.780	ng	# 86
20) 3+4-Methylphenols	9.30	107	188655	40.274	ng	90
22) Acetophenone	9.37	105	216147	36.061	ng	# 85
24) Nitrobenzene	9.76	77	171637	40.424	ng	# 88
25) Isophorone	10.28	82	335949	38.335	ng	# 96
26) 2-Nitrophenol	10.48	139	70919	41.637	ng	# 82
27) 2,4-Dimethylphenol	10.51	122	163153	43.301	ng	94
28) bis(2-Chloroethoxy)methane	10.75	93	212772	37.497	ng	100
29) 2,4-Dichlorophenol	11.01	162	142860	41.532	ng	97
30) 1,2,4-Trichlorobenzene	11.23	180	129187	33.918	ng	98
31) Naphthalene	11.43	128	433794	33.865	ng	98
32) Benzoic acid	10.62	122	109838	43.123	ng	# 85
33) 4-Chloroaniline	11.52	127	48751	9.133	ng	# 89
34) Hexachlorobutadiene	11.70	225	77592	33.147	ng	99
35) Caprolactam	12.29	113	55870m	47.358	ng	
36) 4-Chloro-3-methylphenol	12.59	107	185121	42.939	ng	96
37) 2-Methylnaphthalene	12.99	142	327113	35.008	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	158731	32.778	ng	97
40) Hexachlorocyclopentadiene	13.33	237	214587	83.256	ng	96

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
 Data File : BG027320.D
 Acq On : 8 Jun 2017 17:02
 Operator : SJ/MA
 Sample : PB99585BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99585BS

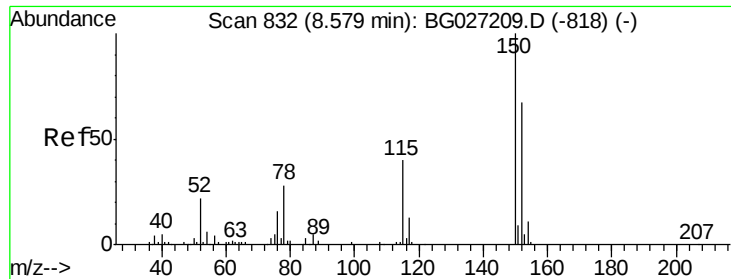
Manual Integrations
 APPROVED

mohammad
 6/9/2017 12:20:41 PM

Quant Time: Jun 08 17:53:27 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.57	196	116449	39.646	ng	98
43) 2,4,5-Trichlorophenol	13.64	196	131648	40.054	ng	96
45) 1,1'-Biphenyl	13.97	154	444710	35.049	ng	96
46) 2-Chloronaphthalene	14.03	162	333917	35.102	ng	99
47) 2-Nitroaniline	14.21	65	124915	46.435	ng	# 87
48) Acenaphthylene	14.87	152	551693	34.268	ng	97
49) Dimethylphthalate	14.57	163	461548	37.430	ng	97
50) 2,6-Dinitrotoluene	14.70	165	98561	40.357	ng	# 81
51) Acenaphthene	15.20	154	407645	38.927	ng	98
52) 3-Nitroaniline	15.03	138	55171	24.210	ng	94
53) 2,4-Dinitrophenol	15.23	184	114339	89.752	ng	96
54) Dibenzofuran	15.53	168	548540	37.484	ng	93
55) 4-Nitrophenol	15.31	139	180500	77.685	ng	# 61
56) 2,4-Dinitrotoluene	15.48	165	140106	44.340	ng	# 87
57) Fluorene	16.18	166	449538	34.585	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.75	232	125666	42.831	ng	98
59) Diethylphthalate	15.93	149	478454	38.900	ng	98
60) 4-Chlorophenyl-phenylether	16.16	204	229711	35.084	ng	96
61) 4-Nitroaniline	16.19	138	112276	42.935	ng	# 67
62) Azobenzene	16.46	77	498457	43.725	ng	89
64) 4,6-Dinitro-2-methylphenol	16.24	198	78496	47.687	ng	79
65) n-Nitrosodiphenylamine	16.38	169	409155	35.125	ng	98
66) 4-Bromophenyl-phenylether	17.06	248	151646	34.484	ng	94
67) Hexachlorobenzene	17.19	284	161002	34.038	ng	93
68) Atrazine	17.31	200	148703	38.174	ng	97
69) Pentachlorophenol	17.53	266	205833	74.238	ng	98
70) Phenanthrene	17.93	178	736955	35.253	ng	95
71) Anthracene	18.02	178	747373	35.686	ng	98
72) Carbazole	18.29	167	660273	33.426	ng	95
73) Di-n-butylphthalate	18.82	149	799795	41.756	ng	# 93
74) Fluoranthene	19.92	202	850181	38.069	ng	94
76) Benzidine	20.09	184	282871	22.139	ng	98
77) Pyrene	20.28	202	871073	33.989	ng	97
79) Butylbenzylphthalate	21.17	149	357063	39.430	ng	95
80) Benzo(a)anthracene	22.25	228	852940	35.262	ng	95
81) 3,3'-Dichlorobenzidine	22.15	252	184548	19.611	ng	# 99
82) Chrysene	22.33	228	795317	34.246	ng	97
83) Bis(2-ethylhexyl)phthalate	22.11	149	500468	36.571	ng	98
84) Di-n-octyl phthalate	23.49	149	871243	38.440	ng	# 90
85) Indeno(1,2,3-cd)pyrene	30.21	276	979716	34.834	ng	# 97
87) Benzo(b)fluoranthene	24.78	252	859094	35.417	ng	# 95
88) Benzo(k)fluoranthene	24.85	252	830112	34.883	ng	# 93
89) Benzo(a)pyrene	25.78	252	814708	35.679	ng	# 94
90) Dibenzo(a,h)anthracene	30.29	278	845519	35.372	ng	# 95
91) Benzo(g,h,i)perylene	31.55	276	794893	34.338	ng	# 91

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



#1

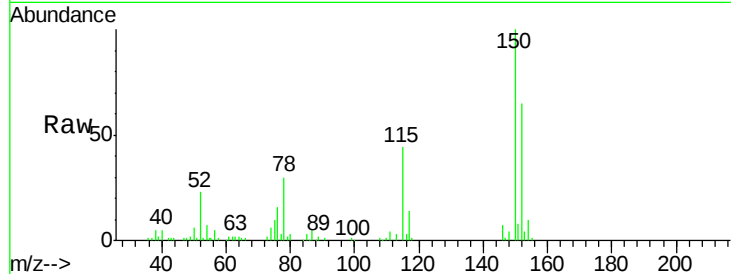
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	114.0	171.0
115	67.7	48.1	72.1

Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM

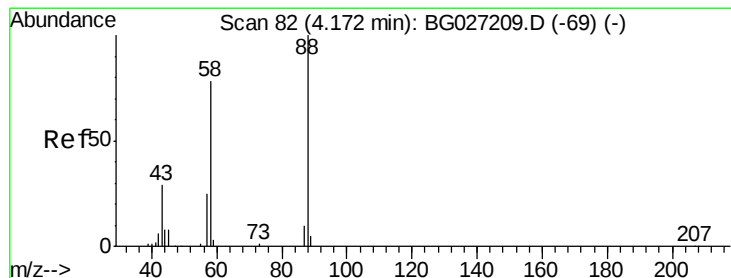
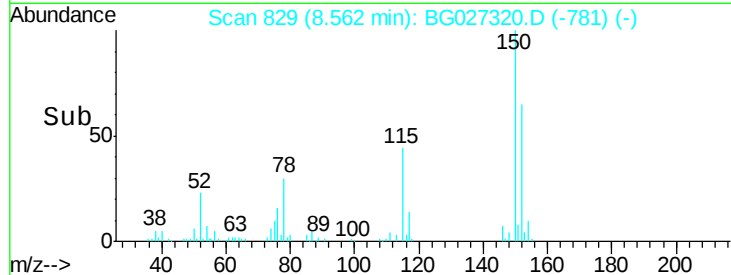
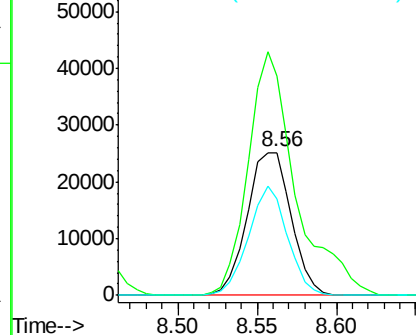


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

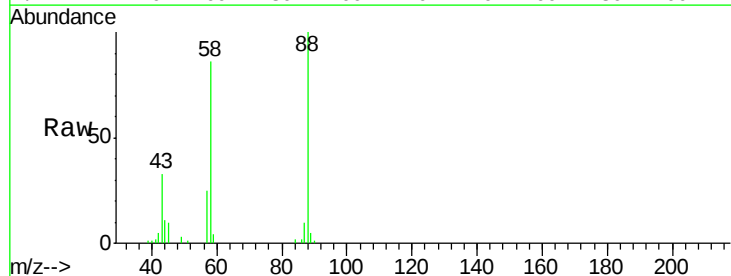
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.069 ng
RT: 4.16 min Scan# 79
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.8	79.4	119.2
43	30.6	33.8	50.6#

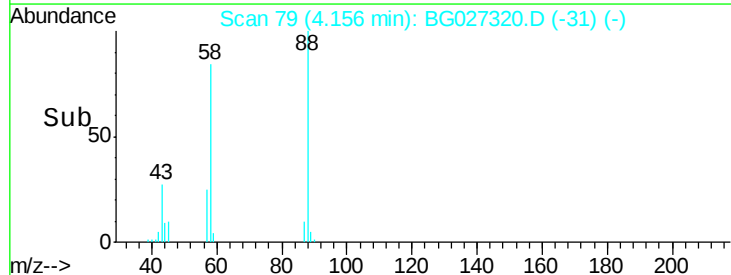
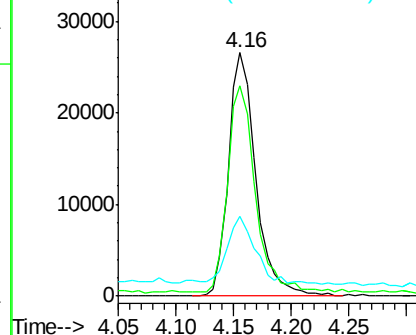


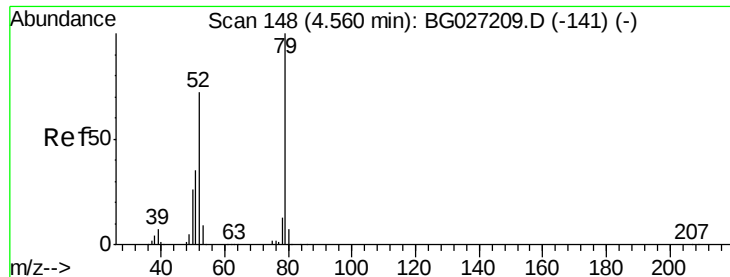
Abundance

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: 31.216 ng

RT: 4.54 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Instrument :

BNA_G

ClientSampleId :

PB99585BS

Tgt Ion: 79 Resp: 127157
Ion Ratio Lower Upper

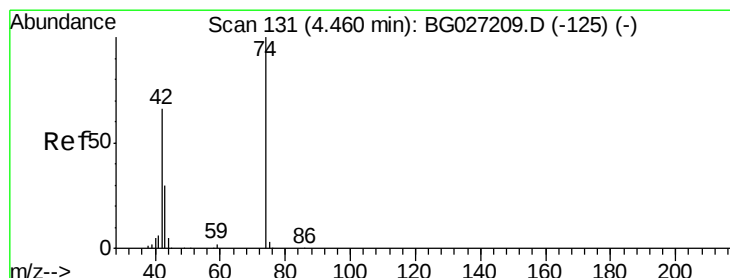
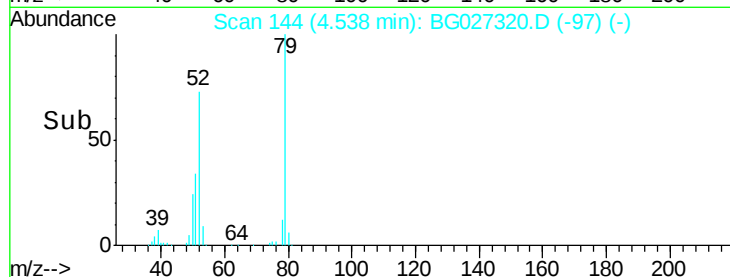
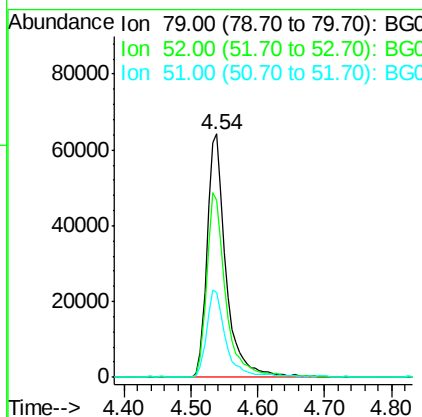
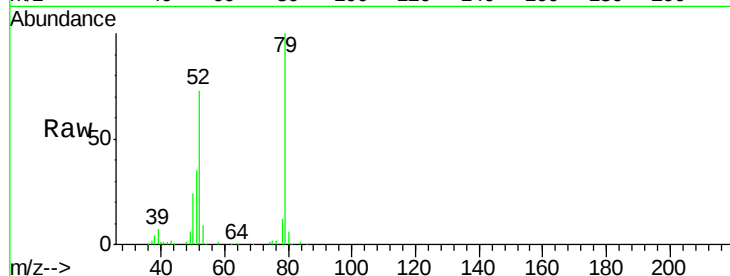
79 100

52 72.8 77.8 116.6#

51 34.8 43.2 64.8#

Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM



#4

n-Nitrosodimethylamine

Concen: 38.293 ng

RT: 4.44 min Scan# 128

Delta R.T. -0.02 min

Lab File: BG027320.D

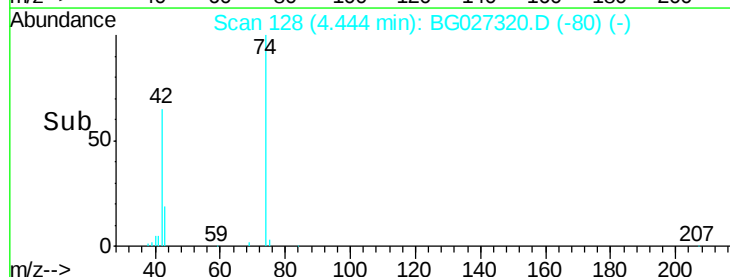
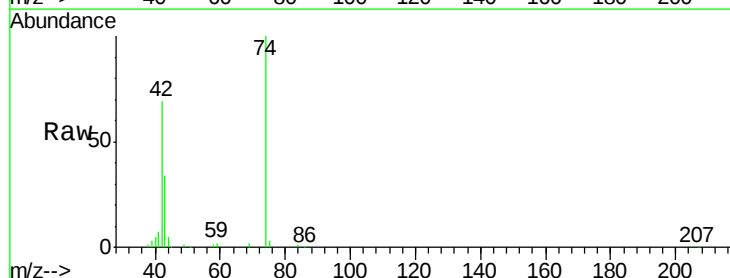
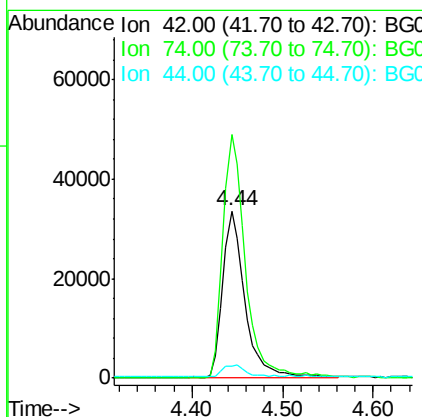
Acq: 8 Jun 2017 17:02

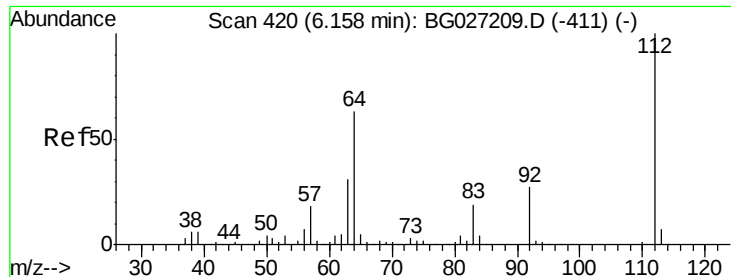
Tgt Ion: 42 Resp: 57756
Ion Ratio Lower Upper

42 100

74 146.0 76.7 115.1#

44 6.8 6.1 9.1





#5

2-Fluorophenol

Concen: 128.758 ng

RT: 6.14 min Scan# 417

Delta R.T. -0.02 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Instrument :

BNA_G

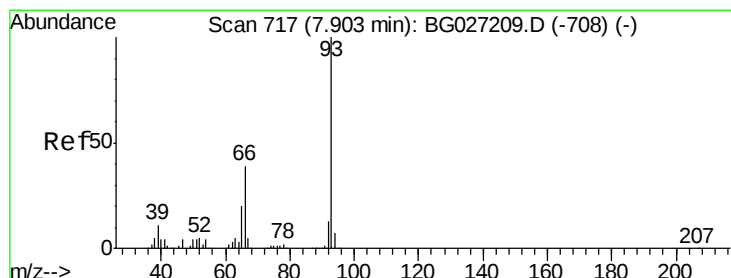
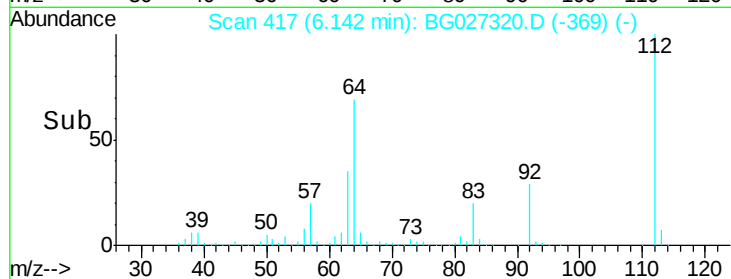
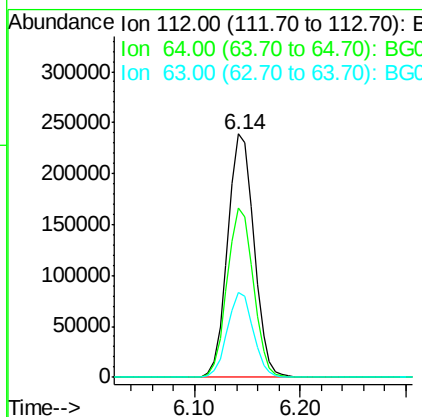
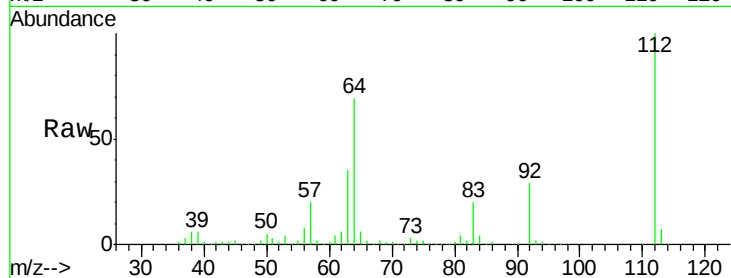
ClientSampleId :

PB99585BS

Tgt Ion:	112	Resp:	410329
Ion Ratio	Lower	Upper	
112	100		
64	69.5	61.8	92.6
63	34.7	37.2	55.8#

Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM



#6

Aniline

Concen: 24.860 ng

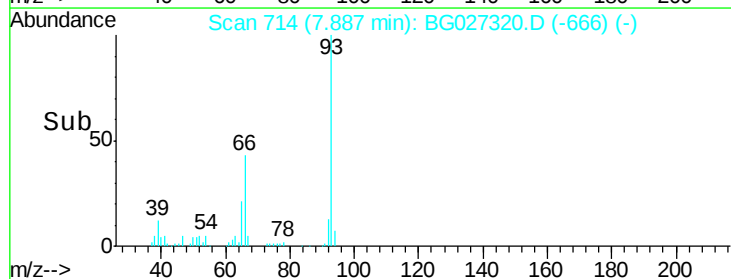
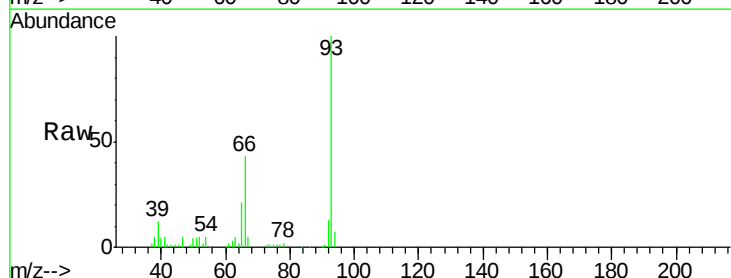
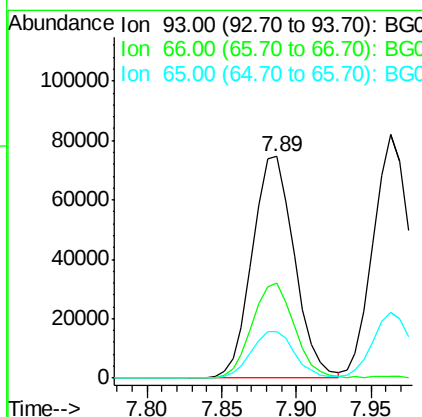
RT: 7.89 min Scan# 714

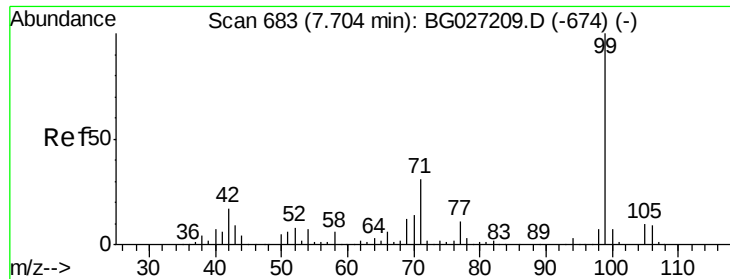
Delta R.T. -0.02 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Tgt Ion:	93	Resp:	146451
Ion Ratio	Lower	Upper	
93	100		
66	42.7	35.4	53.2
65	21.1	21.2	31.8#





#7

Phenol-d6

Concen: 127.828 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Instrument :

BNA_G

ClientSampleId :

PB99585BS

Tgt Ion: 99 Resp: 597970

Ion Ratio Lower Upper

99 100

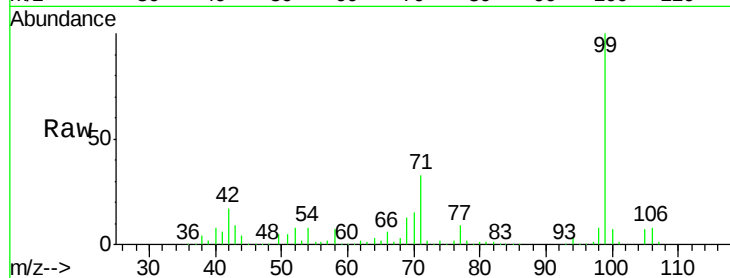
42 17.2 20.5 30.7#

71 32.7 37.6 56.4#

Manual Integrations
APPROVED

mohammad

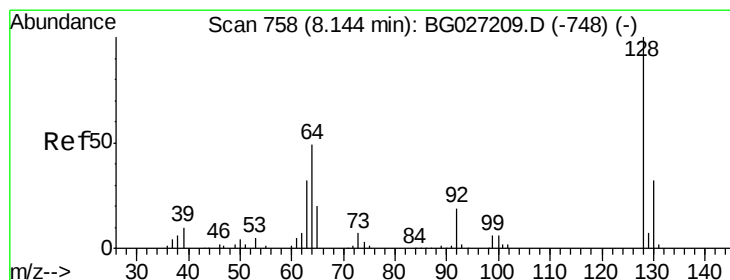
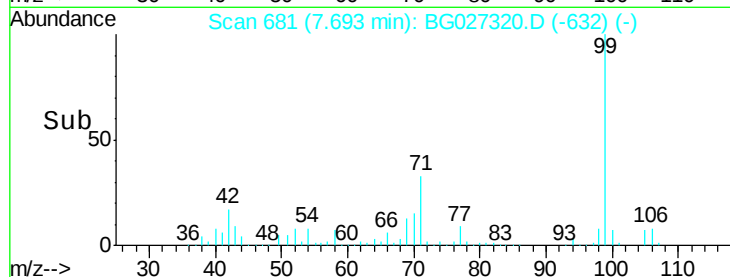
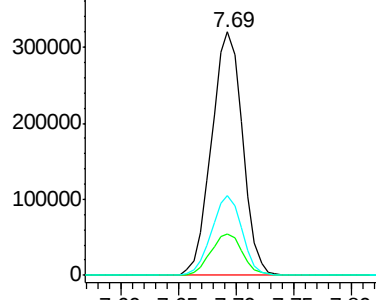
6/9/2017 12:20:41 PM



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: 41.656 ng

RT: 8.12 min Scan# 754

Delta R.T. -0.02 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

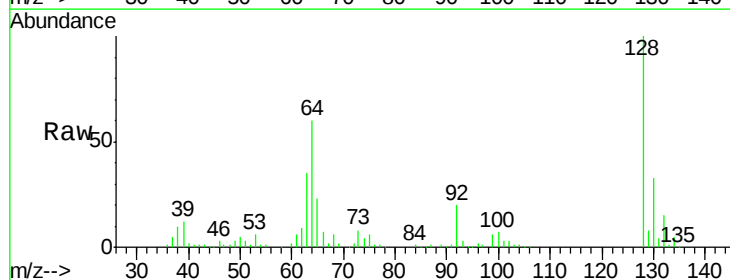
Tgt Ion: 128 Resp: 140177

Ion Ratio Lower Upper

128 100

130 32.5 11.4 51.4

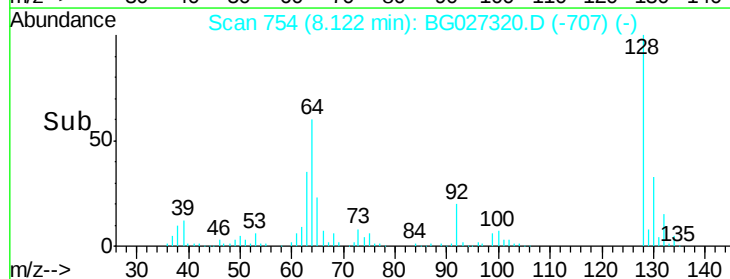
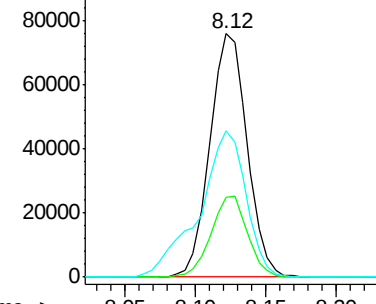
64 60.2 46.6 86.6

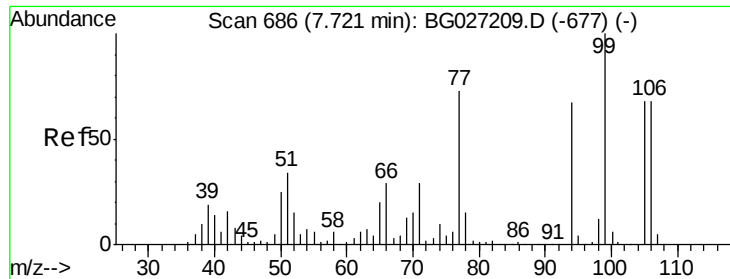


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





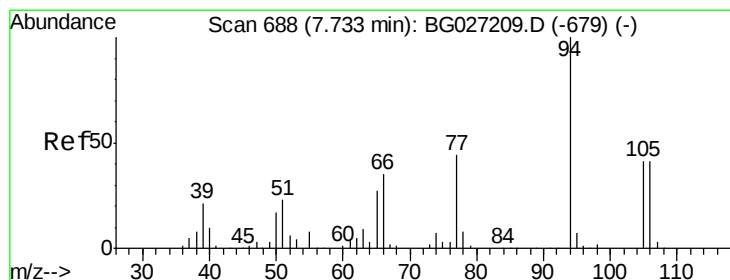
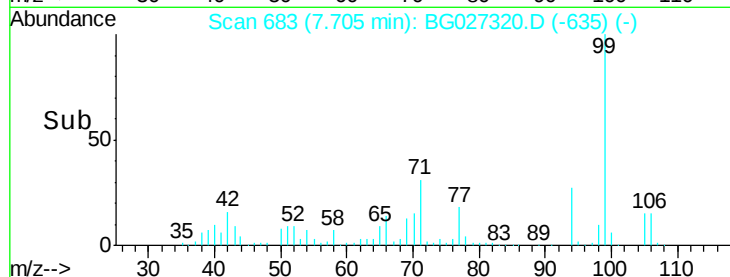
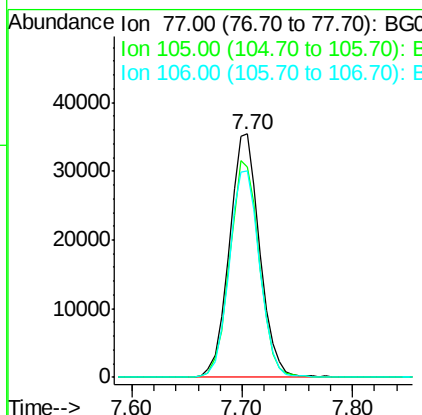
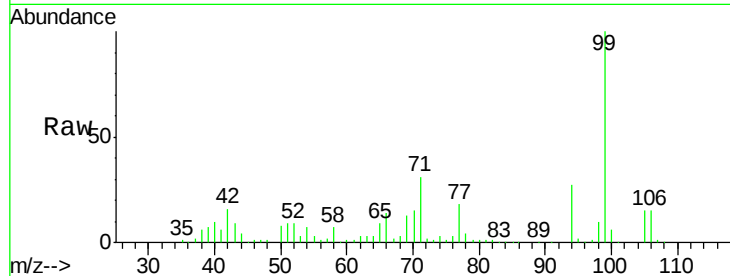
#9
Benzaldehyde
Concen: 21.091 ng
RT: 7.70 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	86.3	60.9	100.9
106	84.7	55.1	95.1

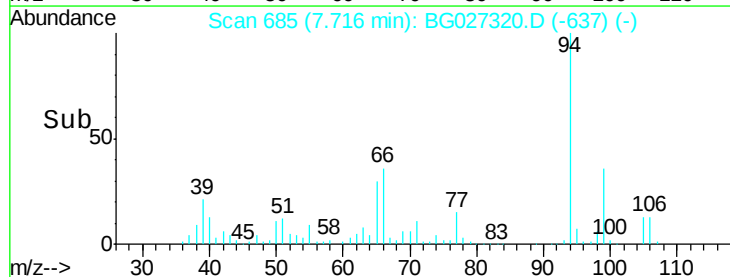
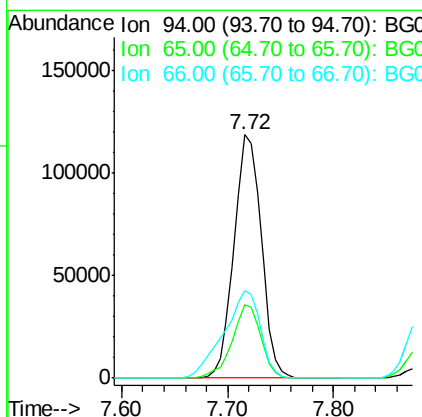
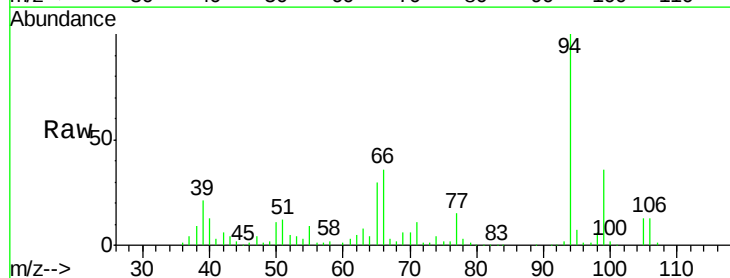
Manual Integrations
APPROVED

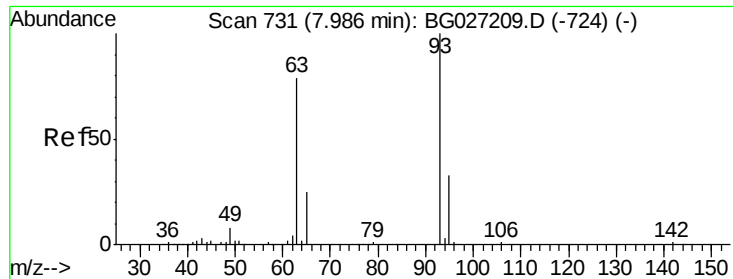
mohammad
6/9/2017 12:20:41 PM



#10
Phenol
Concen: 44.224 ng
RT: 7.72 min Scan# 685
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	20.6	60.6
66	35.9	35.5	75.5





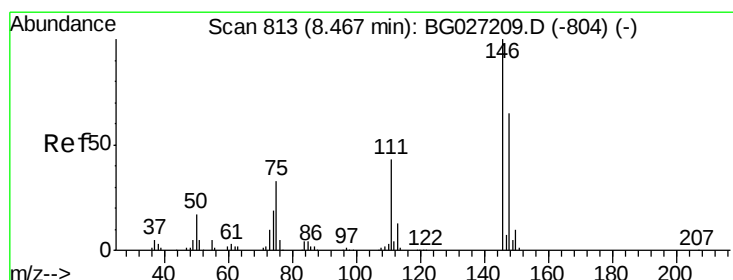
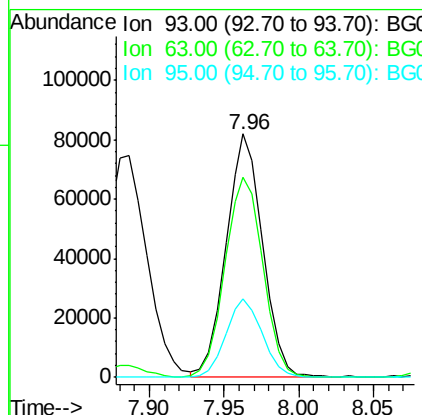
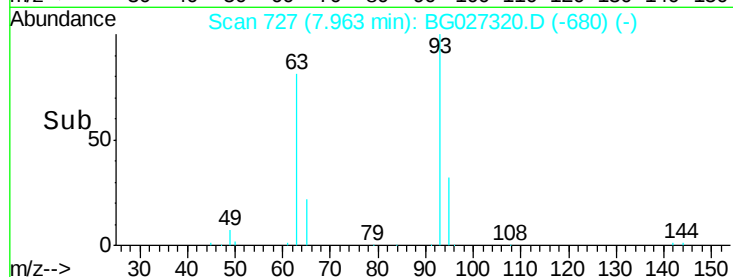
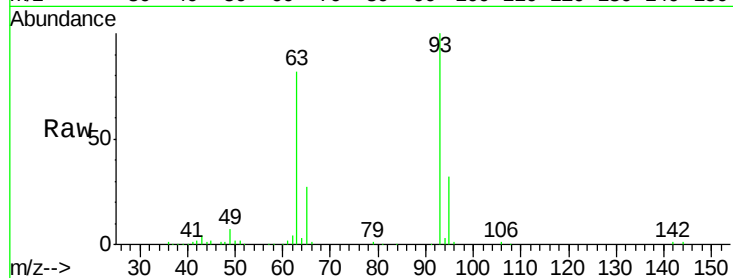
#11
bis(2-Chloroethyl)ether
Concen: 35.552 ng
RT: 7.96 min Scan# 727
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	139526		
63	82.4	78.5	118.5	
95	32.0	9.8	49.8	

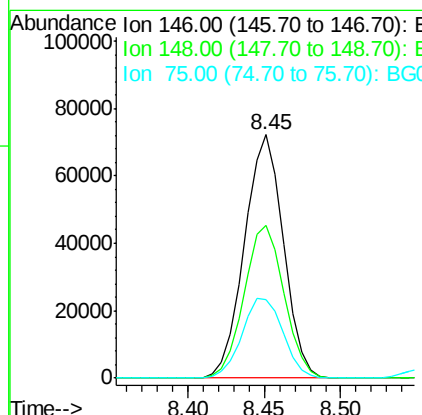
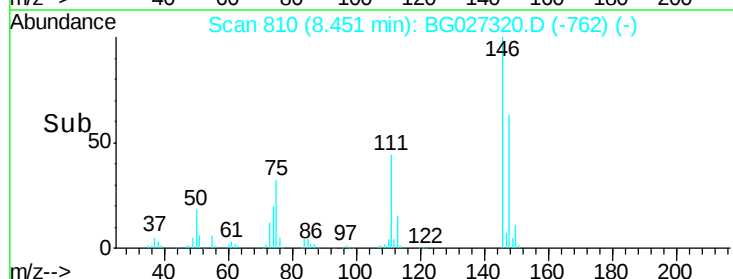
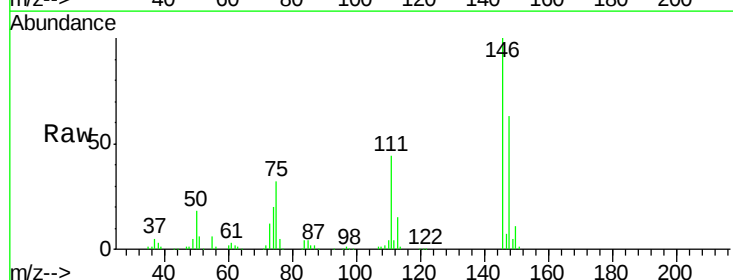
Manual Integrations
APPROVED

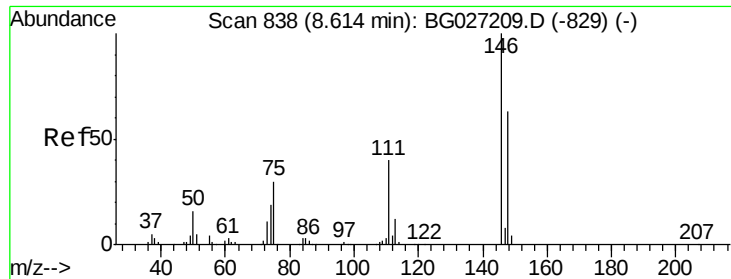
mohammad
6/9/2017 12:20:41 PM



#12
1,3-Dichlorobenzene
Concen: 33.728 ng m
RT: 8.45 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	128014		
148	62.8	49.2	73.8	
75	32.4	33.4	50.2#	





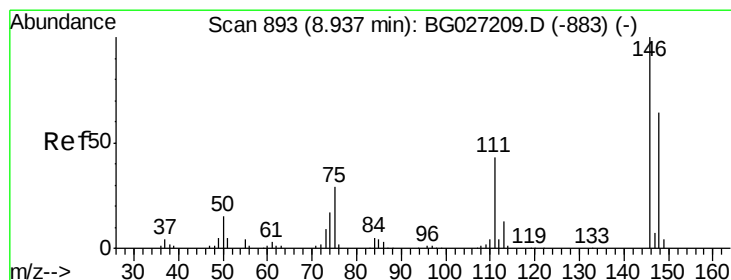
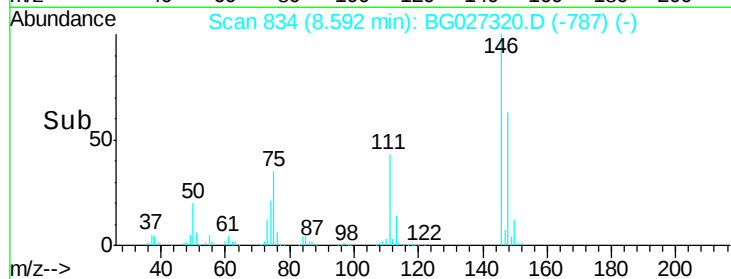
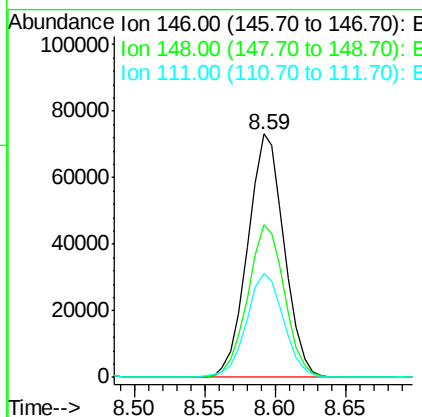
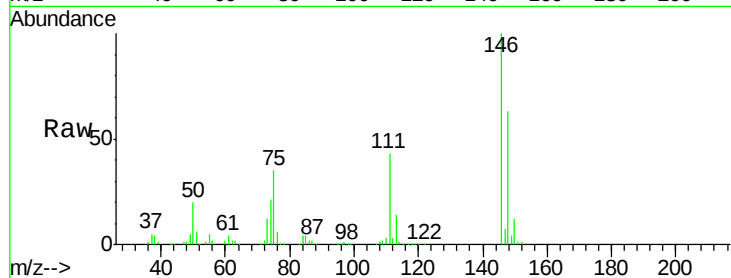
#13
 1,4-Dichlorobenzene
 Concen: 33.885 ng
 RT: 8.59 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB99585BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.2
111	42.9	37.0	55.6

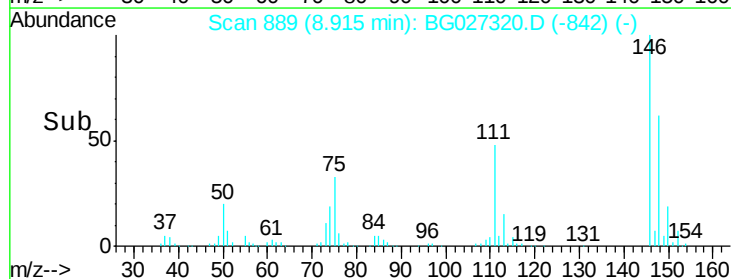
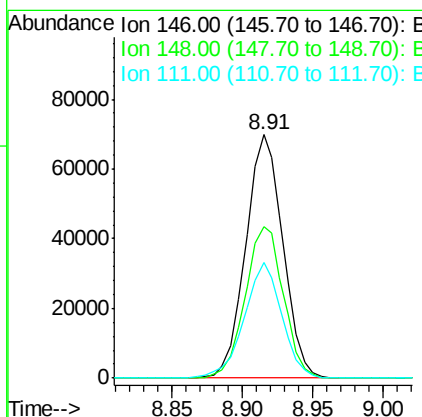
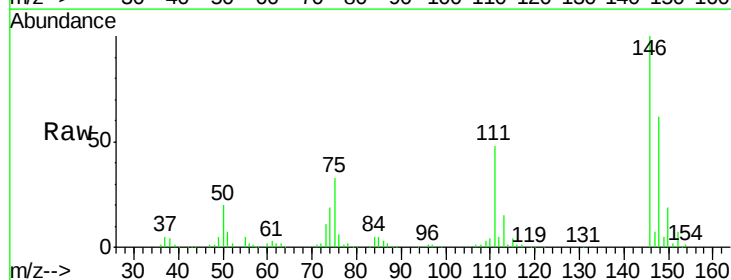
Manual Integrations
 APPROVED

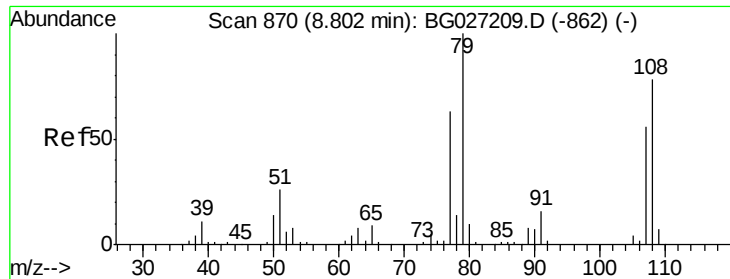
mohammad
 6/9/2017 12:20:41 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.782 ng
 RT: 8.91 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	54.6	81.8
111	47.7	39.7	59.5





#15

Benzyl Alcohol

Concen: 43.484 ng

RT: 8.78 min Scan# 866

Delta R.T. -0.02 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Instrument :

BNA_G

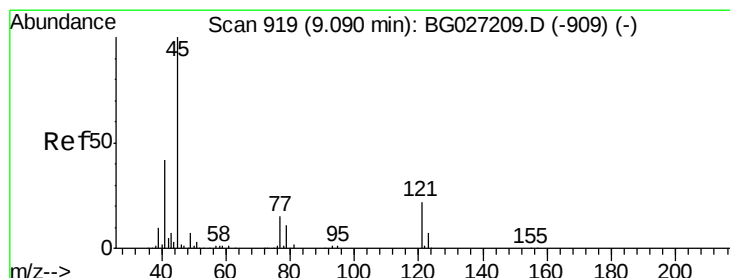
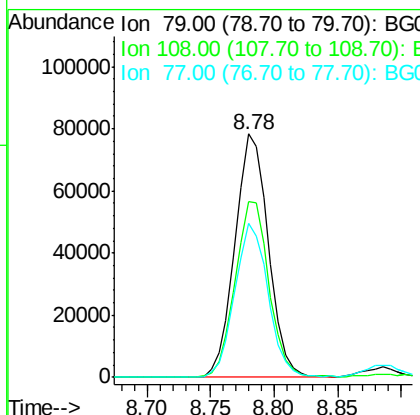
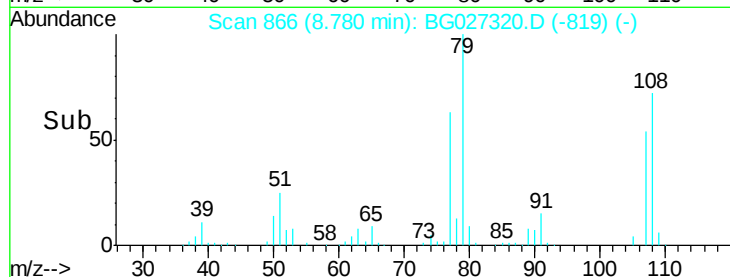
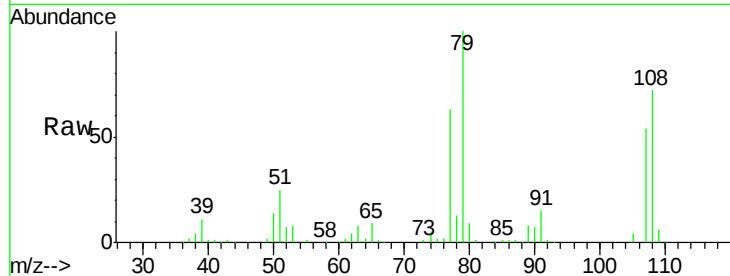
ClientSampled :

PB99585BS

Tgt Ion:	79	Resp:	143325
Ion Ratio	Lower	Upper	
79	100		
108	72.4	45.5	68.3#
77	63.0	54.3	81.5

Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.556 ng

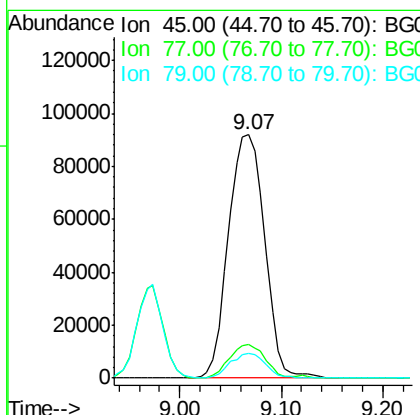
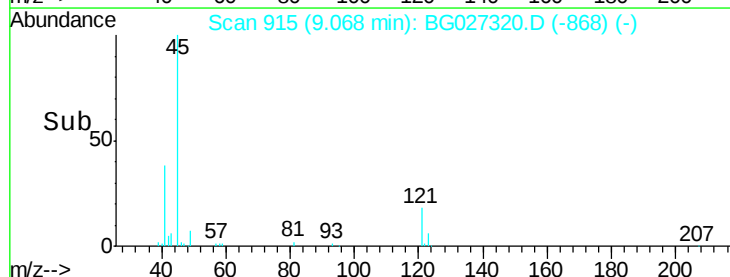
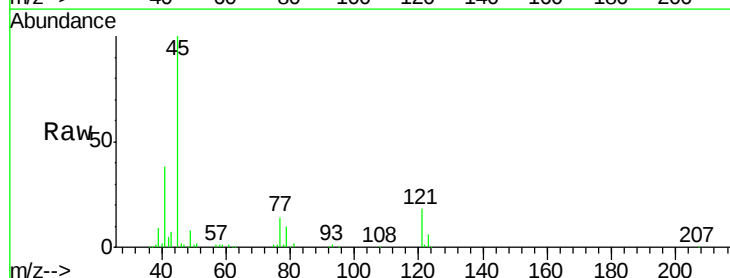
RT: 9.07 min Scan# 915

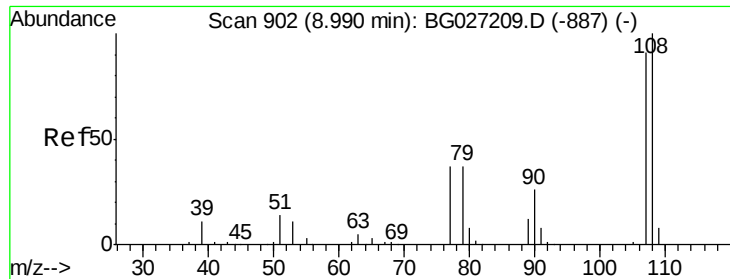
Delta R.T. -0.02 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Tgt Ion:	45	Resp:	227740
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	30.6
79	10.4	0.0	28.5





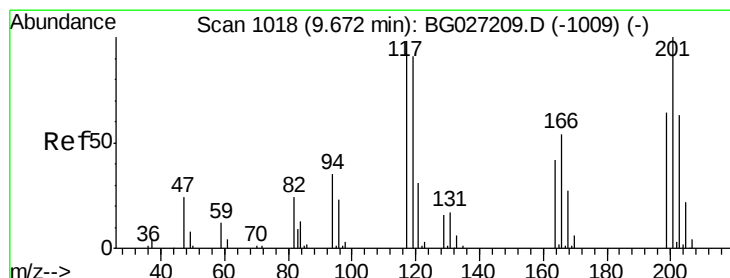
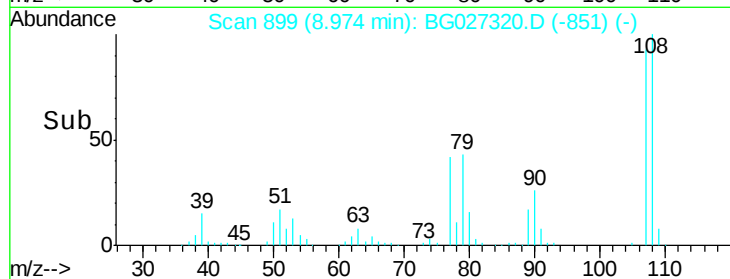
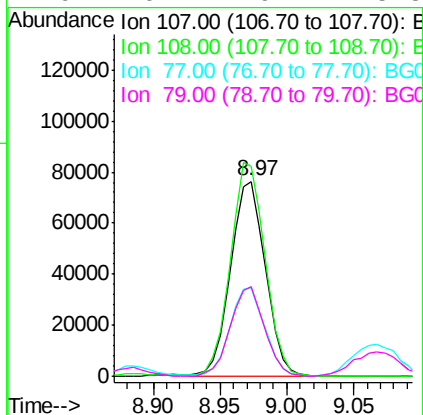
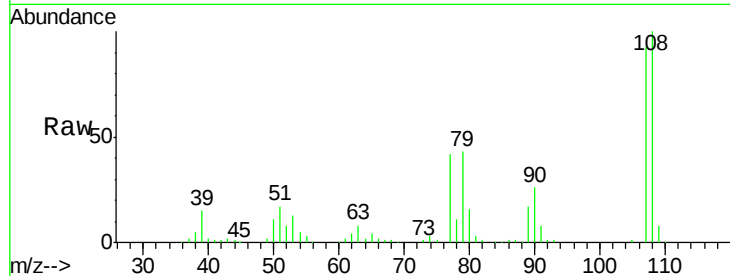
#17
2-Methylphenol
Concen: 40.924 ng
RT: 8.97 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	138390		
108	107.9	85.6	128.4	
77	45.5	51.4	77.2#	
79	46.1	49.2	73.8#	

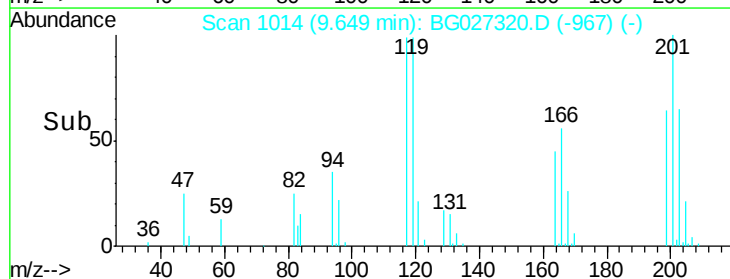
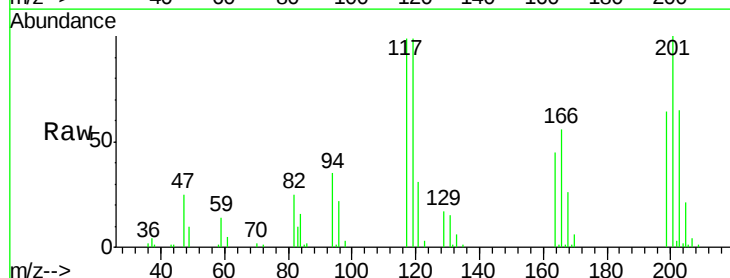
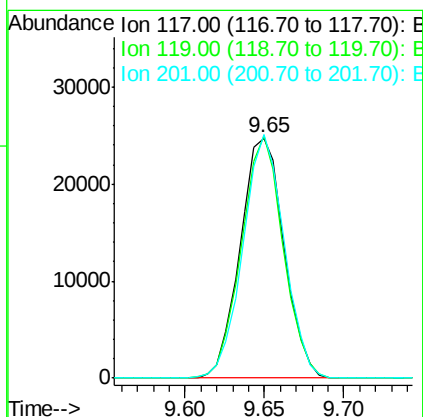
Manual Integrations
APPROVED

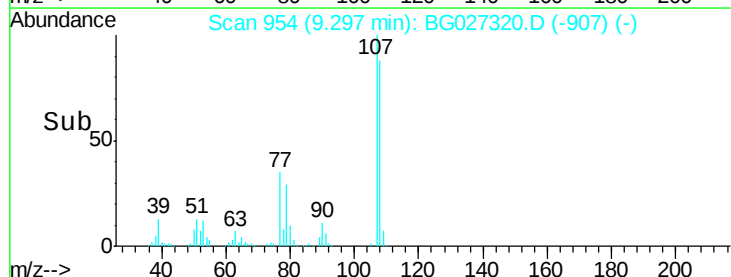
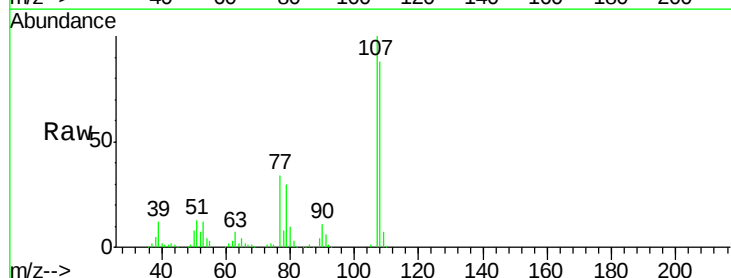
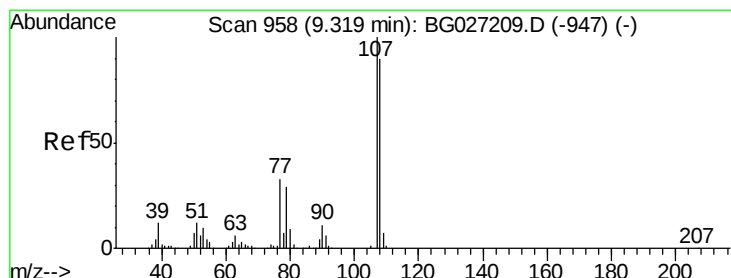
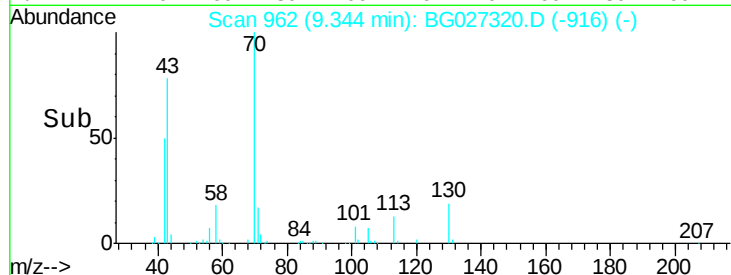
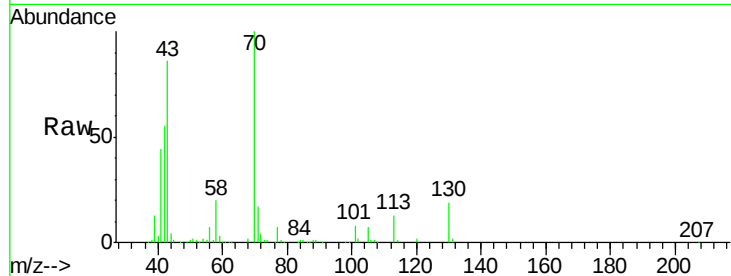
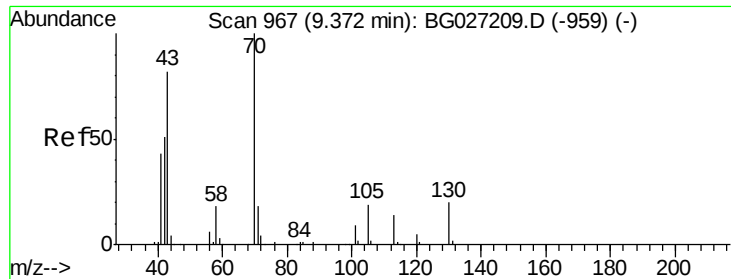
mohammad
6/9/2017 12:20:41 PM



#18
Hexachloroethane
Concen: 36.116 ng
RT: 9.65 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

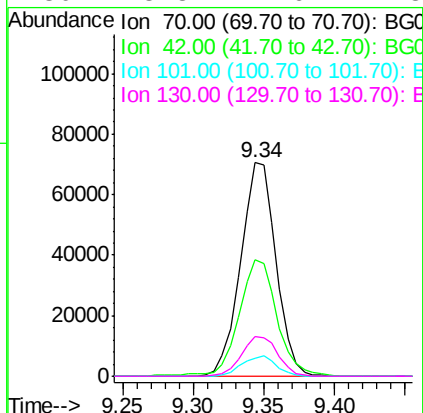
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	47389		
119	100.8	69.8	104.6	
201	101.4	95.4	143.0	





#19
n-Nitroso-di-n-propylamine
Concen: 37.780 ng
RT: 9.34 min Scan# 962
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		123638		
42	54.7	56.1	84.1#		
101	8.3	7.5	11.3		
130	18.8	14.6	21.8		



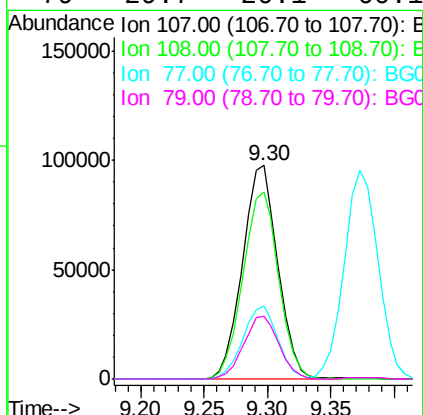
Instrument :
BNA_G
ClientSampleId :
PB99585BS

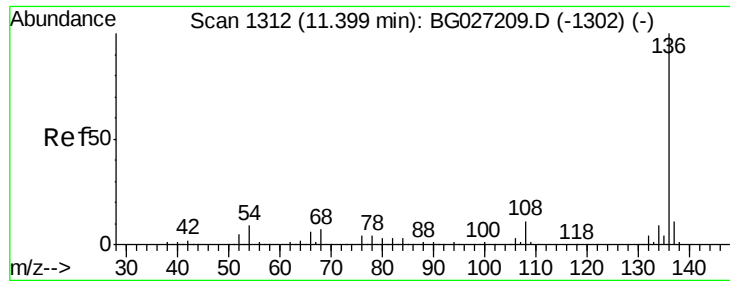
Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM

#20
3+4-Methylphenols
Concen: 40.274 ng
RT: 9.30 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		188655		
108	87.6	70.8	110.8		
77	34.4	25.8	65.8		
79	29.7	20.1	60.1		





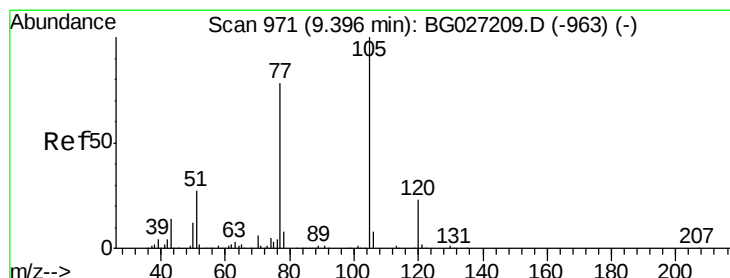
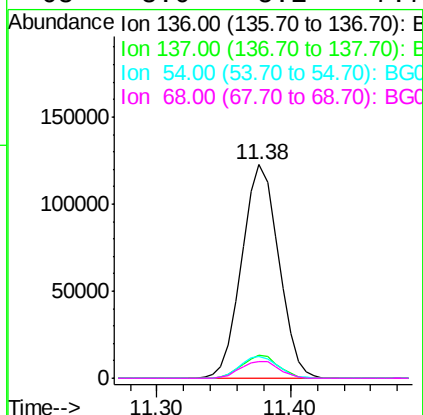
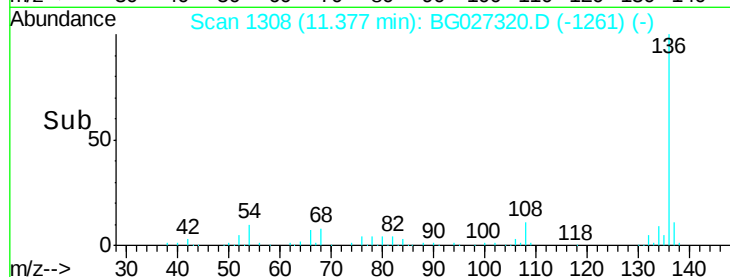
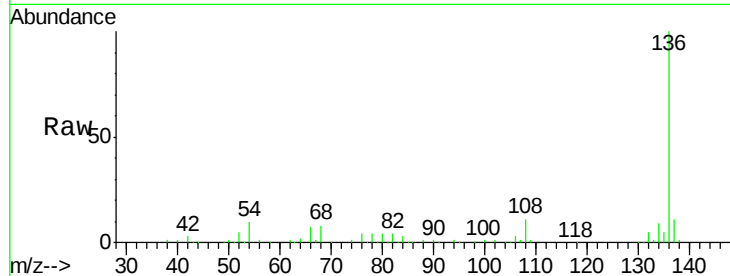
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.38 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	234381		
137	10.7	8.9	13.3	
54	10.1	9.3	13.9	
68	8.0	5.1	7.7#	

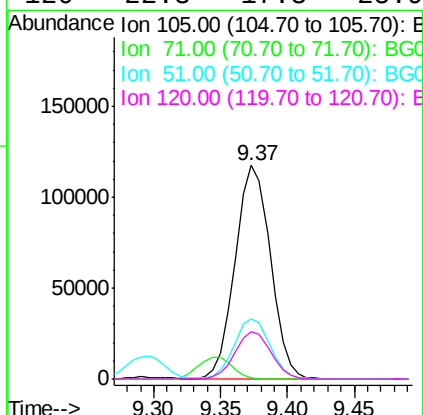
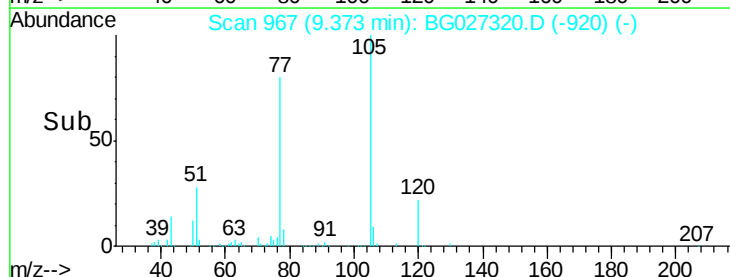
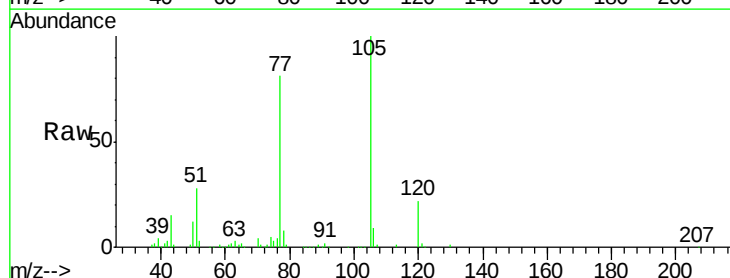
Manual Integrations
APPROVED

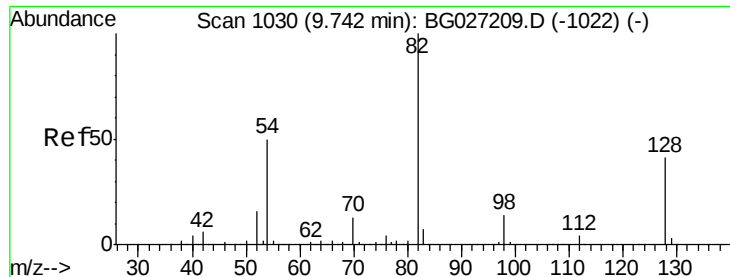
mohammad
6/9/2017 12:20:41 PM



#22
Acetophenone
Concen: 36.061 ng
RT: 9.37 min Scan# 967
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	216147		
71	0.5	0.9	1.3#	
51	28.3	34.0	51.0#	
120	22.3	17.3	25.9	





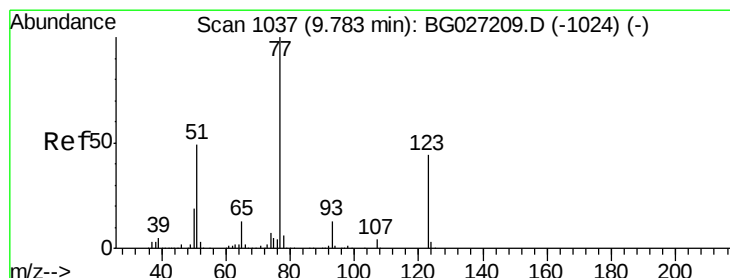
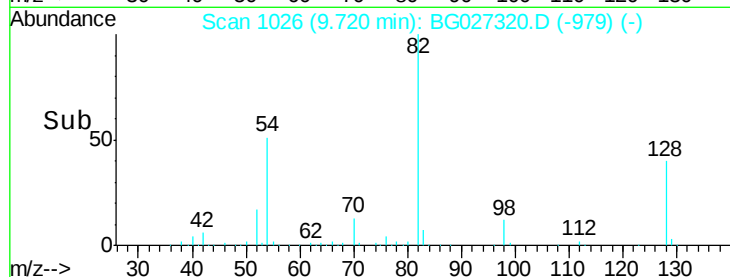
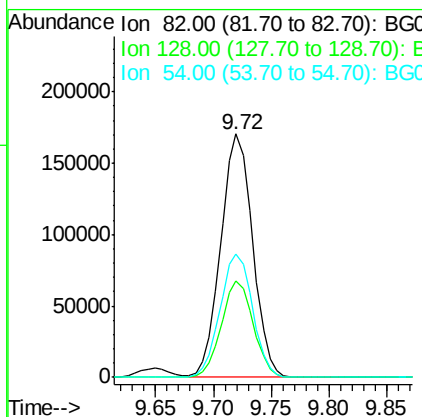
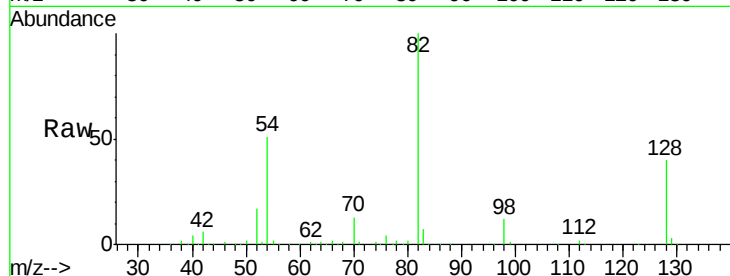
#23
 Nitrobenzene-d5
 Concen: 87.465 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB99585BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.6	26.4	39.6#
54	50.8	49.4	74.2

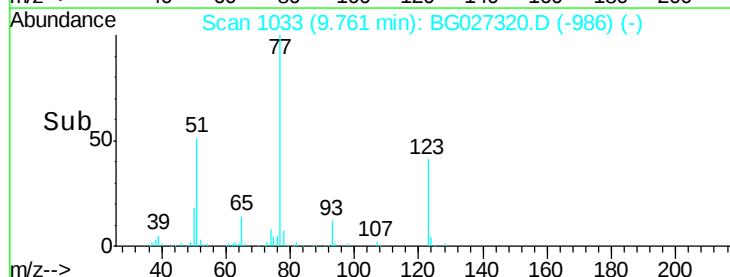
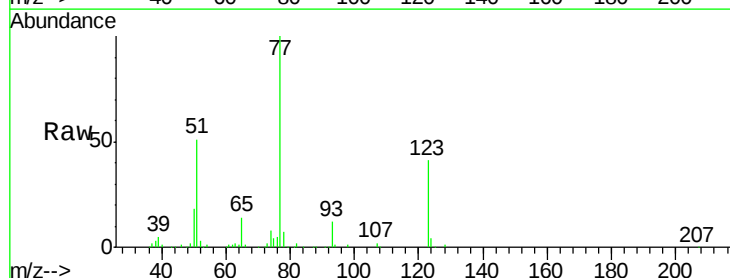
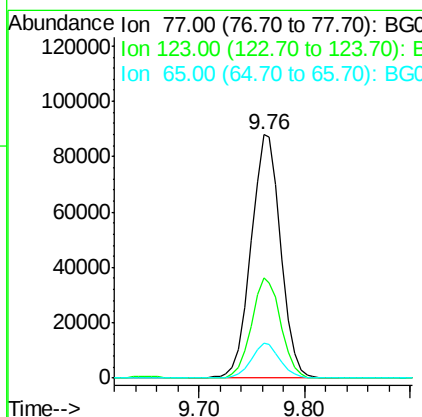
Manual Integrations
 APPROVED

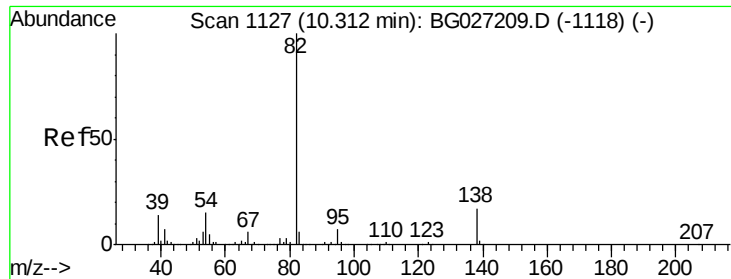
mohammad
 6/9/2017 12:20:41 PM



#24
 Nitrobenzene
 Concen: 40.424 ng
 RT: 9.76 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.4	26.1	39.1#
65	14.2	12.4	18.6





#25

Isophorone

Concen: 38.335 ng

RT: 10.28 min Scan# 1122

Delta R.T. -0.03 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Instrument :

BNA_G

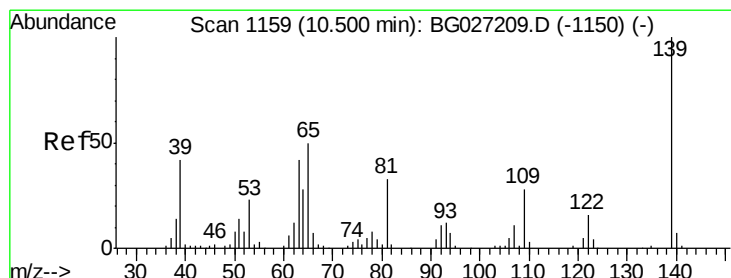
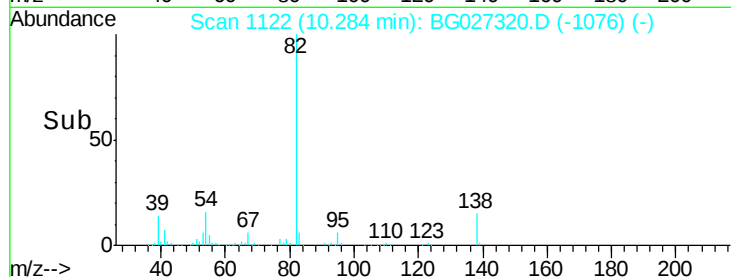
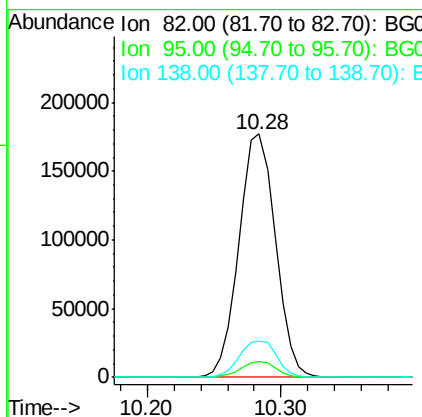
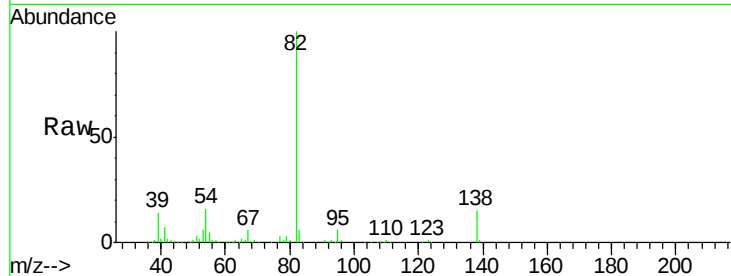
ClientSampleId :

PB99585BS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.3	7.5	11.3#
138	14.6	12.3	18.5

Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM



#26

2-Nitrophenol

Concen: 41.637 ng

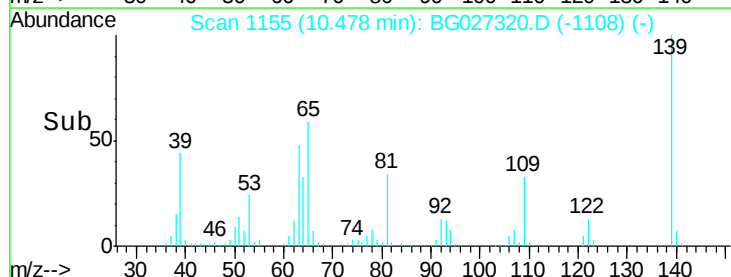
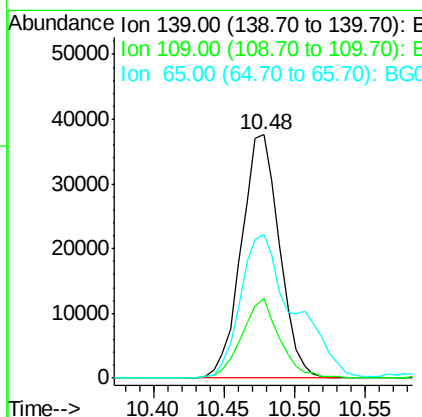
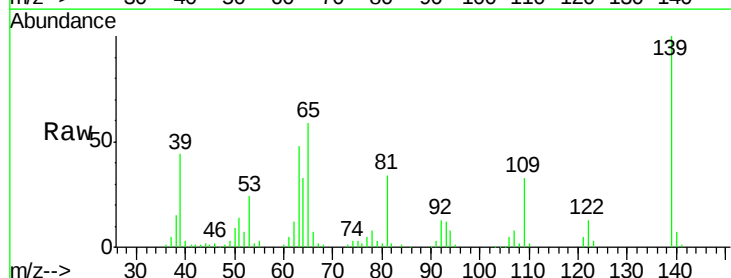
RT: 10.48 min Scan# 1155

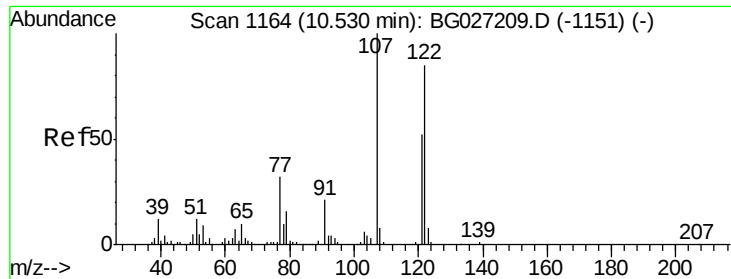
Delta R.T. -0.02 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.0	38.6	58.0#
65	58.9	57.1	85.7





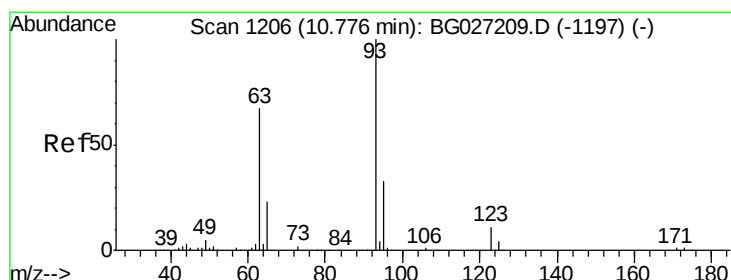
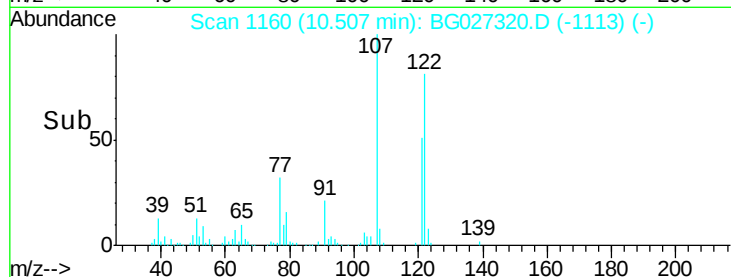
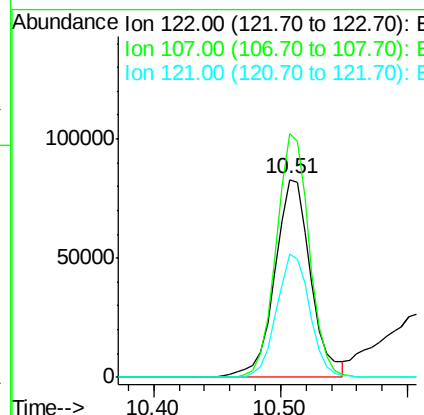
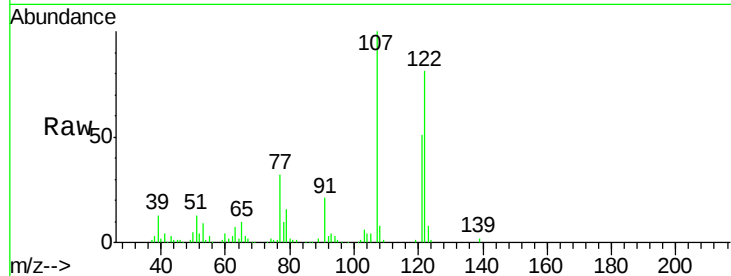
#27
2,4-Dimethylphenol
Concen: 43.301 ng
RT: 10.51 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	163153		
107	122.9	104.2	156.4	
121	62.2	46.0	69.0	

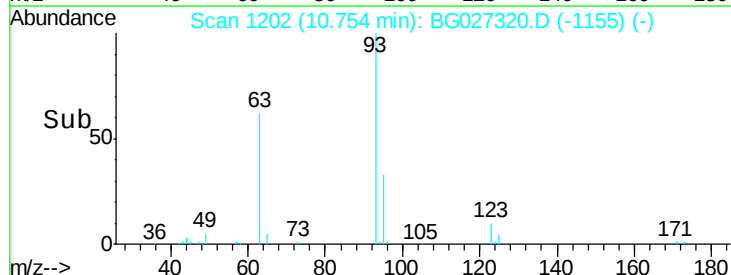
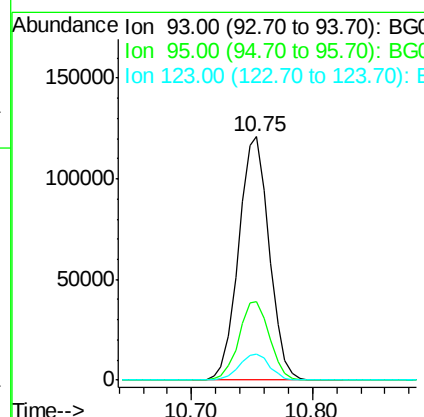
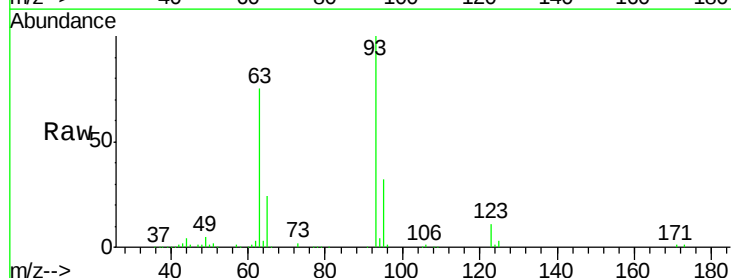
Manual Integrations
APPROVED

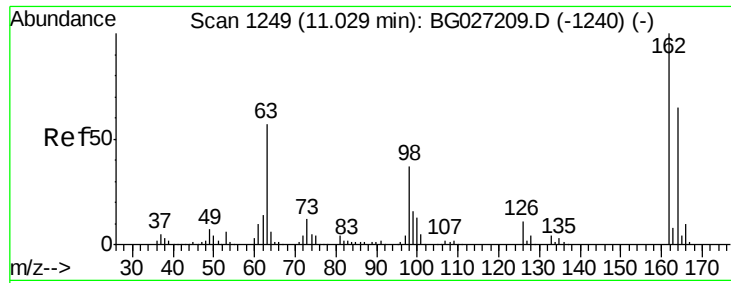
mohammad
6/9/2017 12:20:41 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.497 ng
RT: 10.75 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	212772		
95	32.3	25.7	38.5	
123	10.5	8.3	12.5	





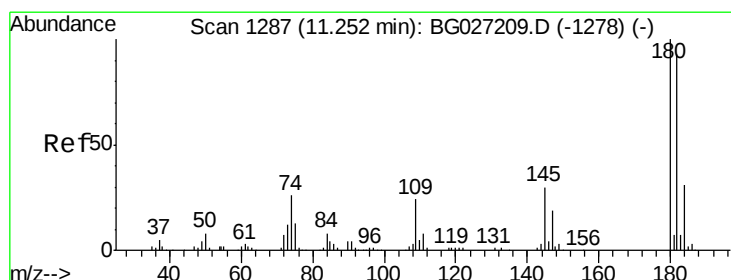
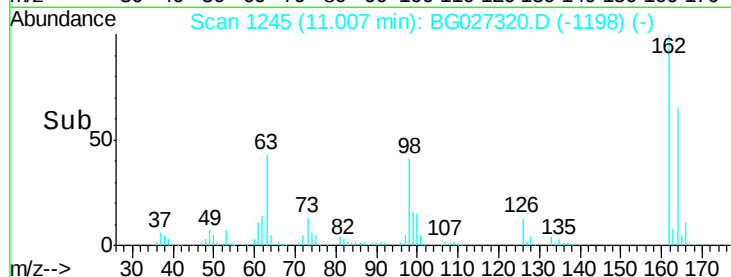
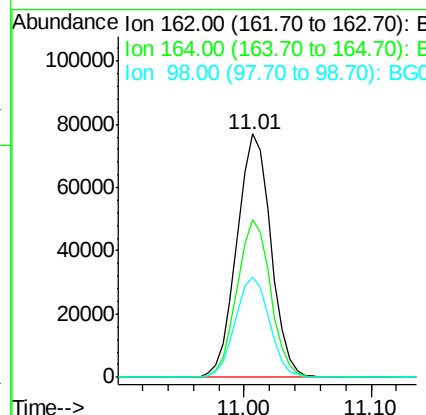
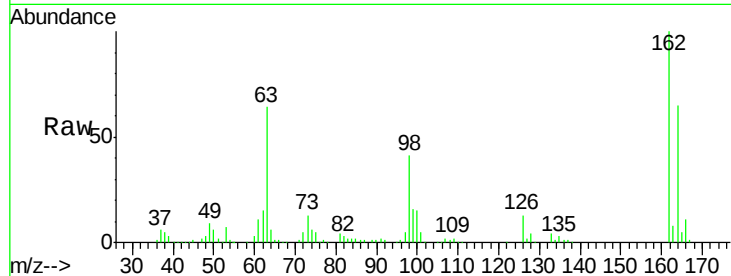
#29
 2,4-Dichlorophenol
 Concen: 41.532 ng
 RT: 11.01 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	142860		
164	65.0	42.4	82.4	
98	41.0	20.3	60.3	

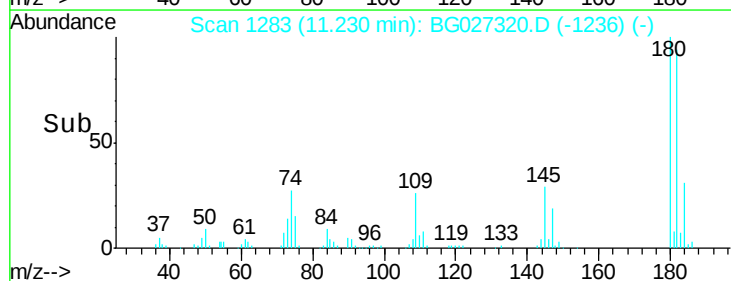
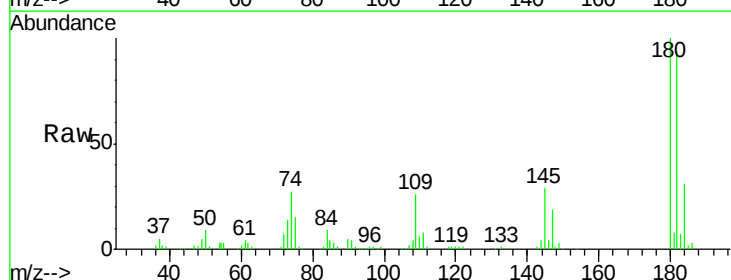
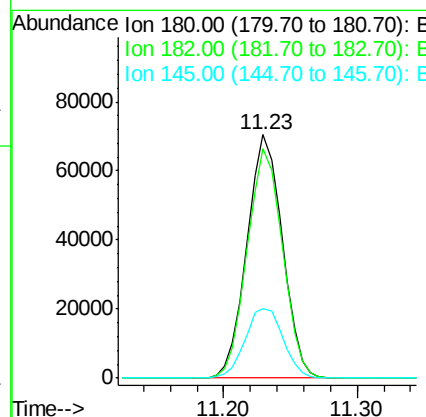
Manual Integrations
 APPROVED

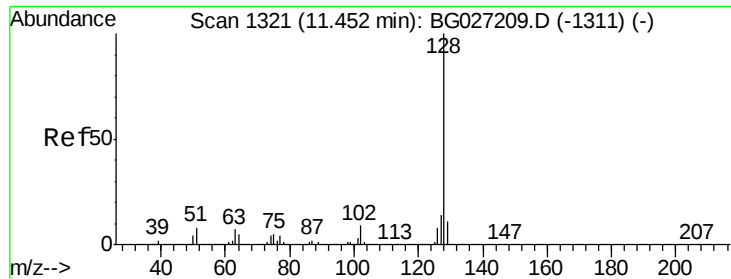
mohammad
 6/9/2017 12:20:41 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 33.918 ng
 RT: 11.23 min Scan# 1283
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	129187		
182	94.3	77.0	115.4	
145	28.6	23.4	35.0	





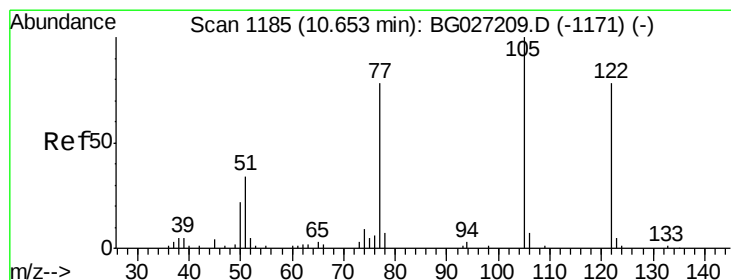
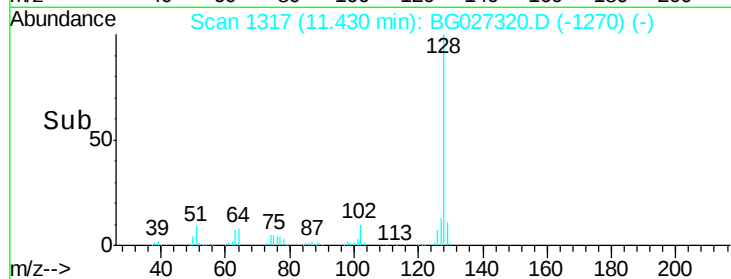
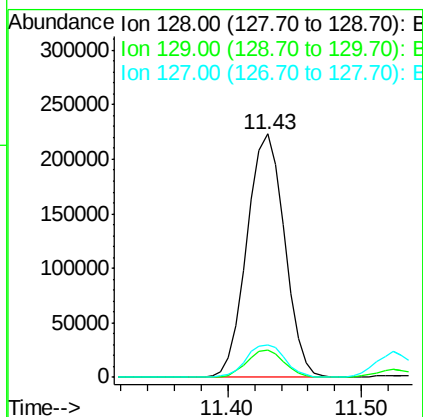
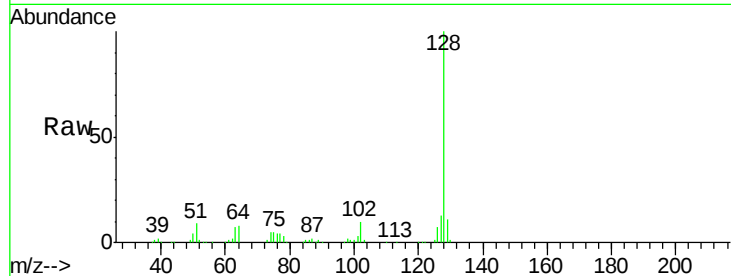
#31
Naphthalene
Concen: 33.865 ng
RT: 11.43 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.4	11.4	17.0

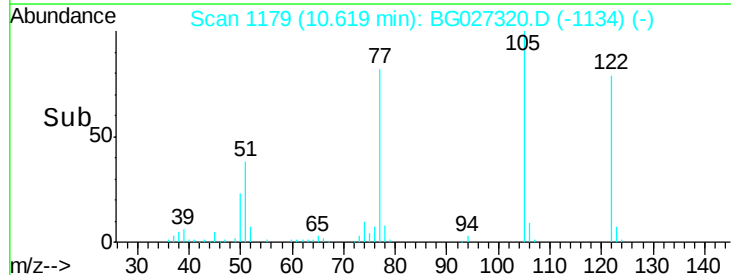
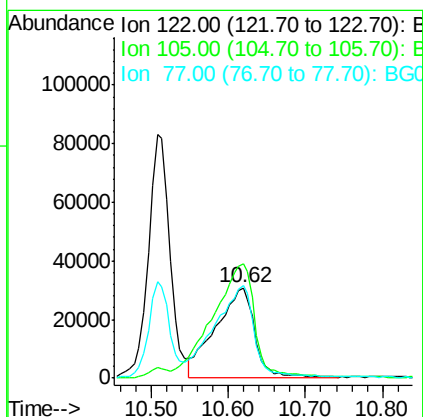
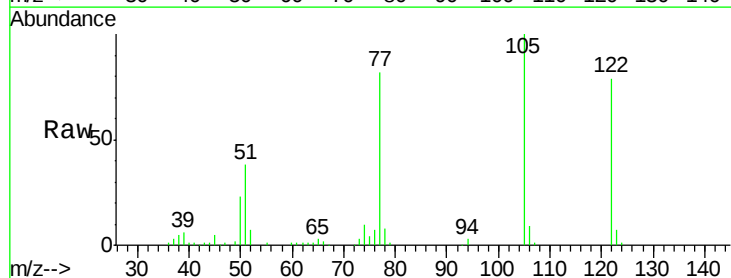
Manual Integrations
APPROVED

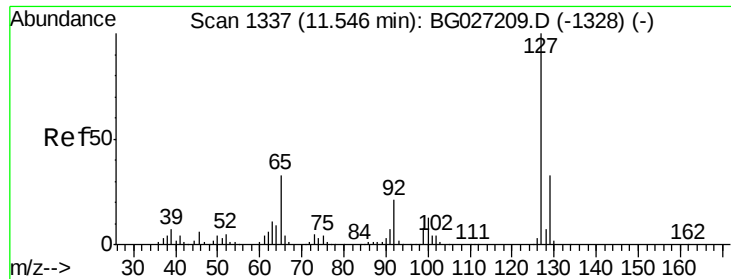
mohammad
6/9/2017 12:20:41 PM



#32
Benzoic acid
Concen: 43.123 ng
RT: 10.62 min Scan# 1179
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.3	120.1	160.1
77	103.0	104.6	144.6





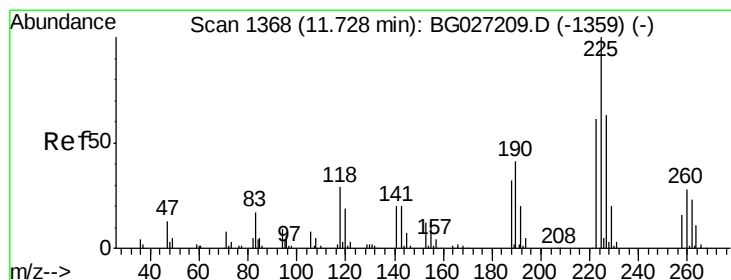
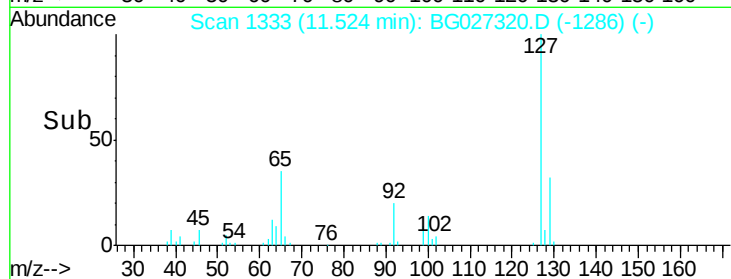
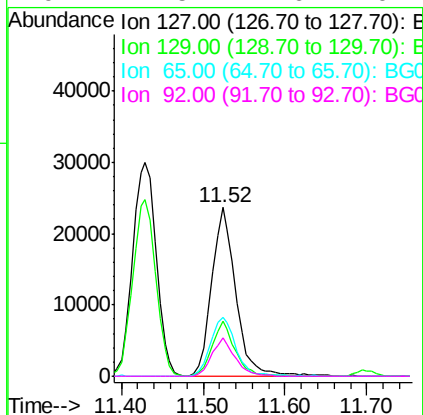
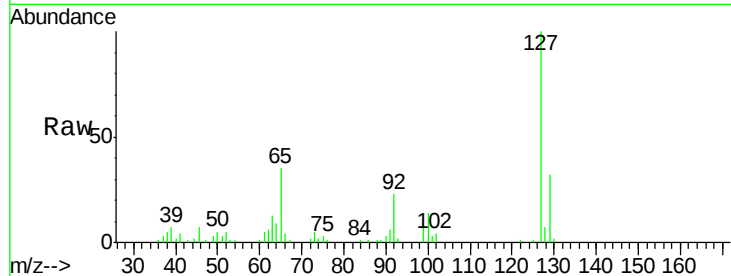
#33
4-Chloroaniline
Concen: 9.133 ng
RT: 11.52 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	48751		
129	32.3	23.6	35.4	
65	34.9	37.7	56.5	
92	22.5	17.6	26.4	

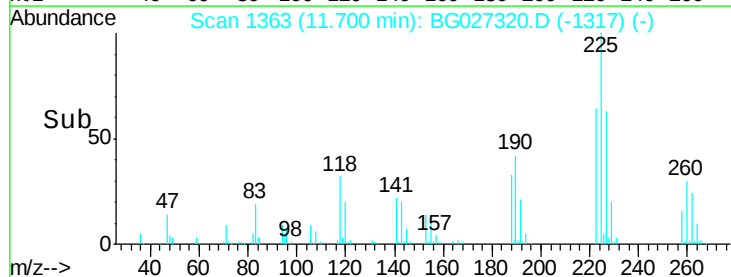
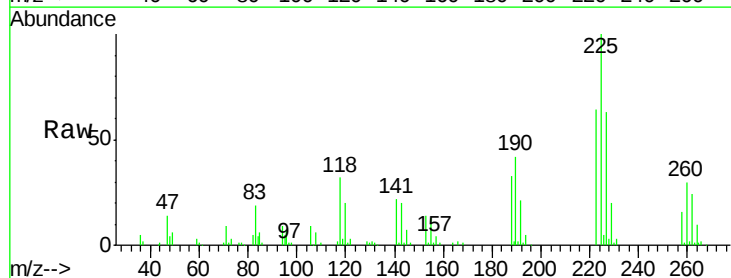
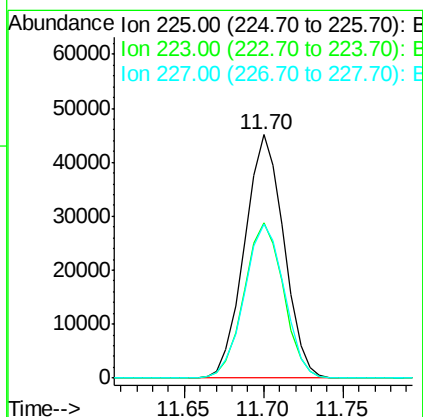
Manual Integrations
APPROVED

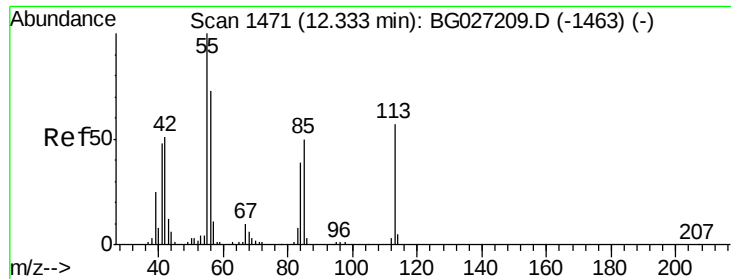
mohammad
6/9/2017 12:20:41 PM



#34
Hexachlorobutadiene
Concen: 33.147 ng
RT: 11.70 min Scan# 1363
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	77592		
223	63.6	50.7	76.1	
227	63.2	49.0	73.6	





#35

Caprolactam

Concen: 47.358 ng m

RT: 12.29 min Scan# 1464

Delta R.T. -0.04 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Instrument :

BNA_G

ClientSampleId :

PB99585BS

Tgt Ion:113 Resp: 55870

Ion Ratio Lower Upper

113 100

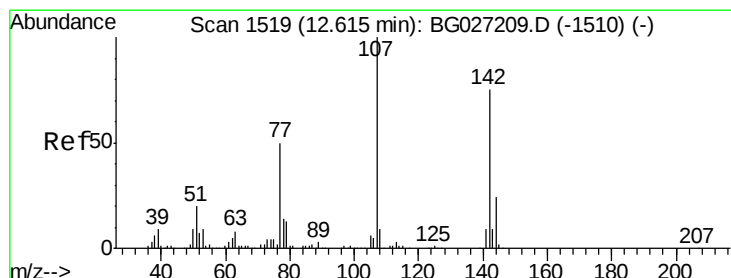
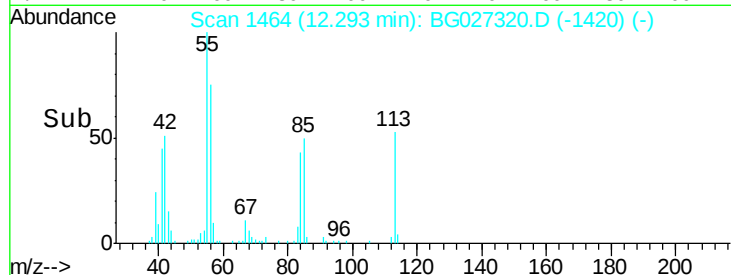
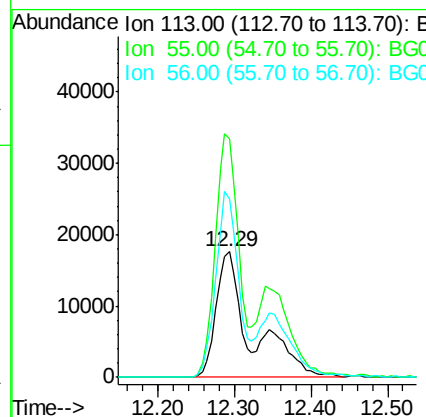
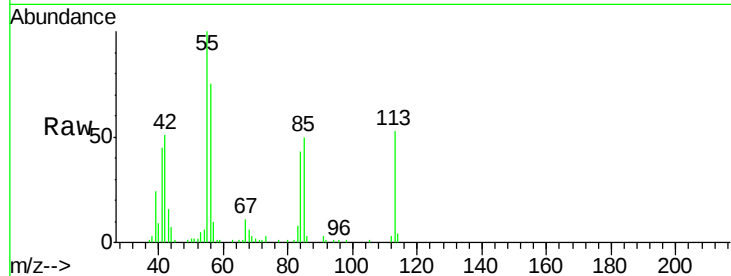
55 190.2 198.6 238.6#

56 142.3 140.4 180.4

Manual Integrations
APPROVED

mohammad

6/9/2017 12:20:41 PM



#36

4-Chloro-3-methylphenol

Concen: 42.939 ng

RT: 12.59 min Scan# 1515

Delta R.T. -0.02 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

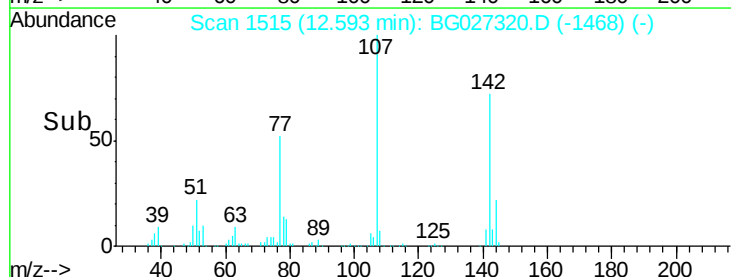
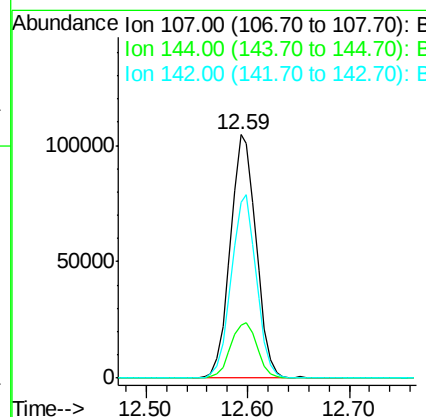
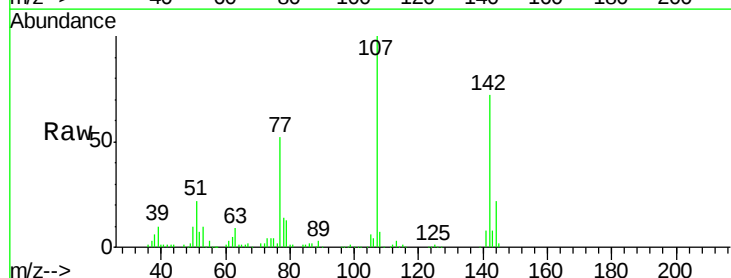
Tgt Ion:107 Resp: 185121

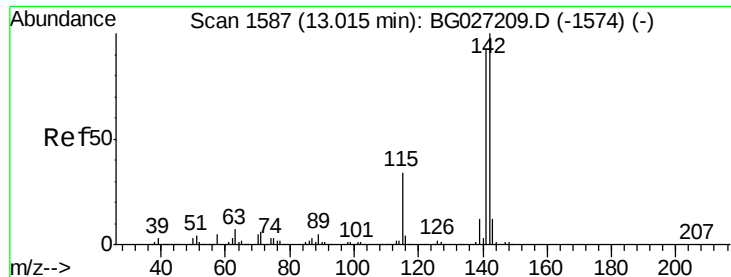
Ion Ratio Lower Upper

107 100

144 21.8 17.4 26.0

142 72.2 54.1 81.1





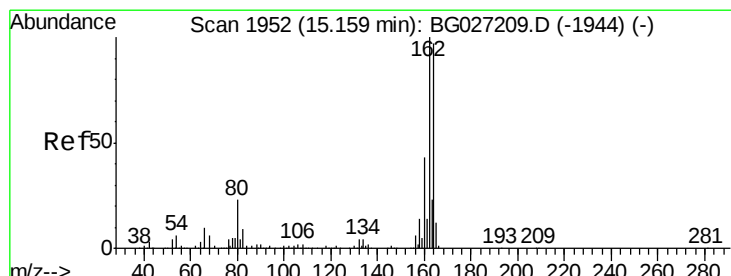
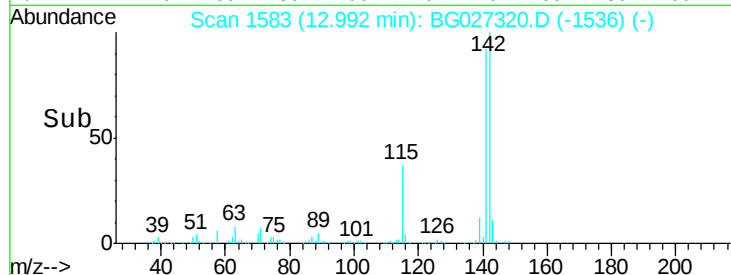
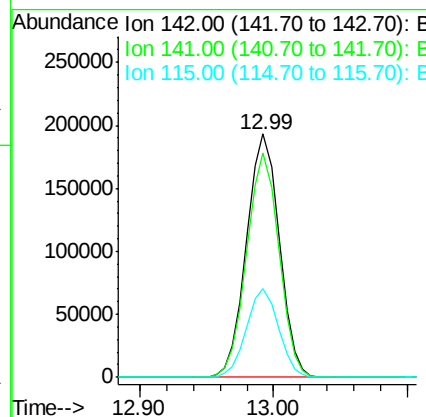
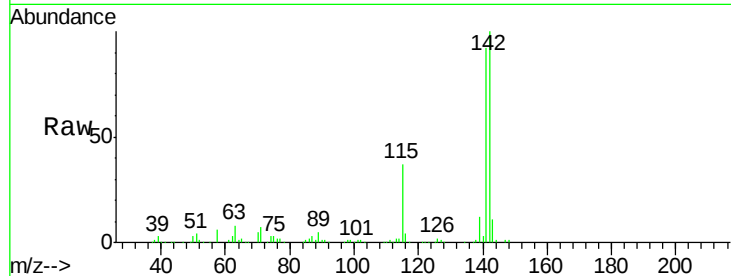
#37
2-Methylnaphthalene
Concen: 35.008 ng
RT: 12.99 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.4	105.6
115	36.5	35.5	53.3

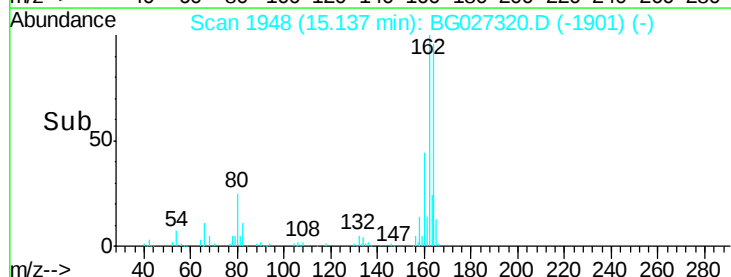
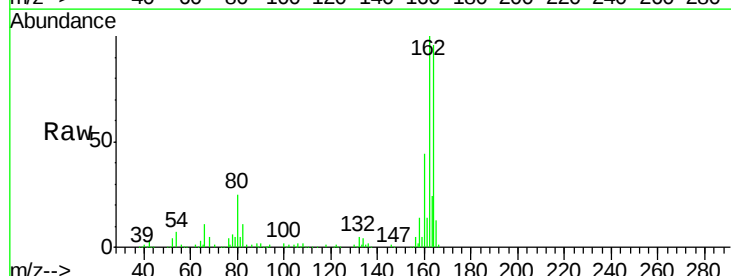
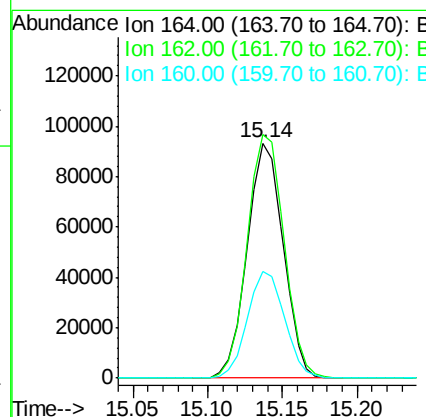
Manual Integrations
APPROVED

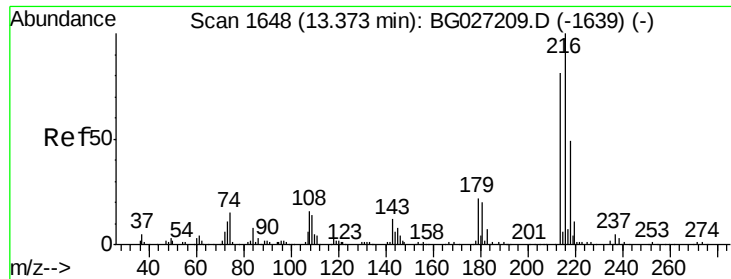
mohammad
6/9/2017 12:20:41 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.14 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.1	127.7
160	45.5	34.7	52.1





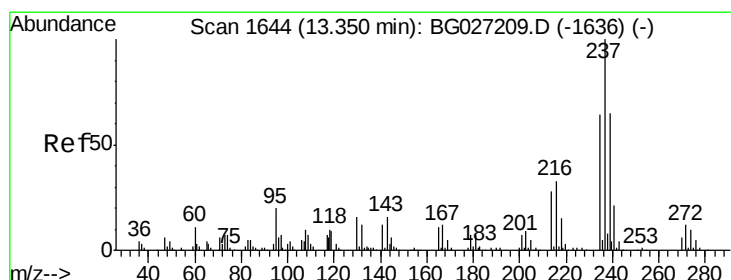
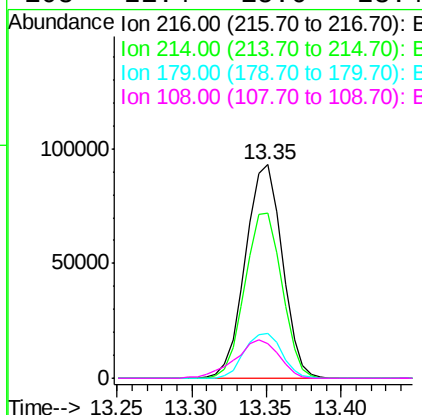
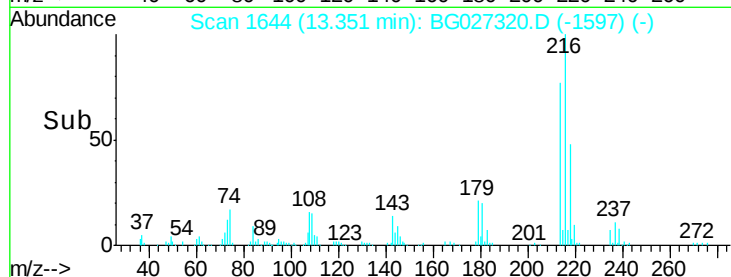
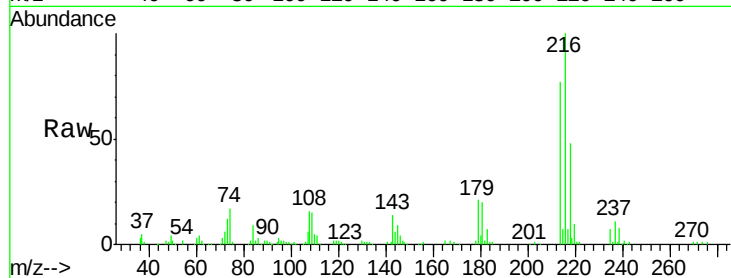
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.778 ng
 RT: 13.35 min Scan# 1644
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	158731		
214	78.1	64.4	96.6	
179	21.6	17.4	26.0	
108	21.4	15.6	23.4	

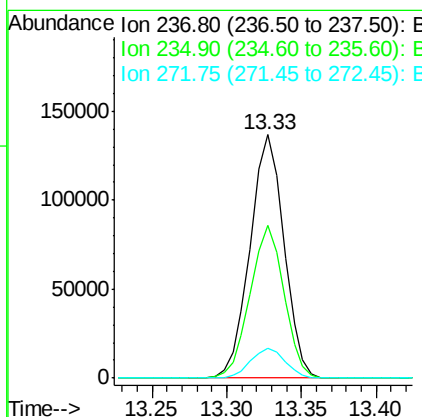
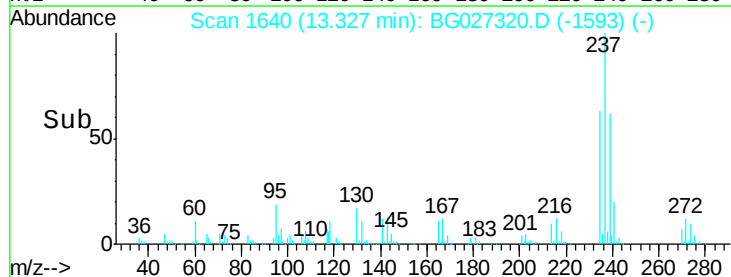
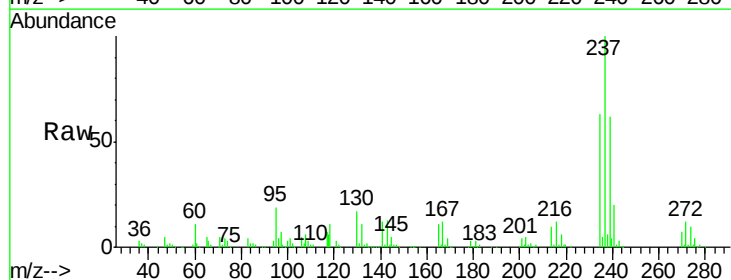
Manual Integrations
 APPROVED

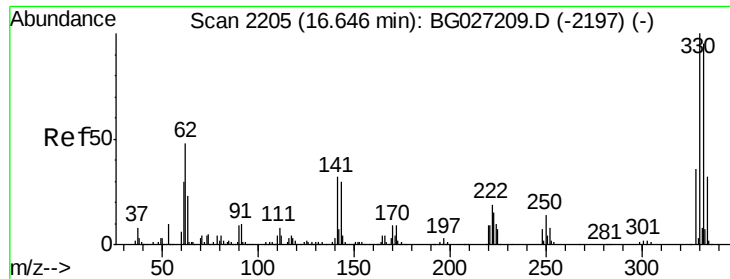
mohammad
 6/9/2017 12:20:41 PM



#40
 Hexachlorocyclopentadiene
 Concen: 83.256 ng
 RT: 13.33 min Scan# 1640
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	214587		
235	62.6	39.4	79.4	
272	12.2	0.0	32.0	





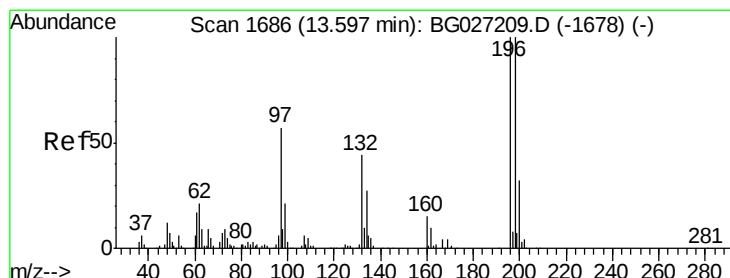
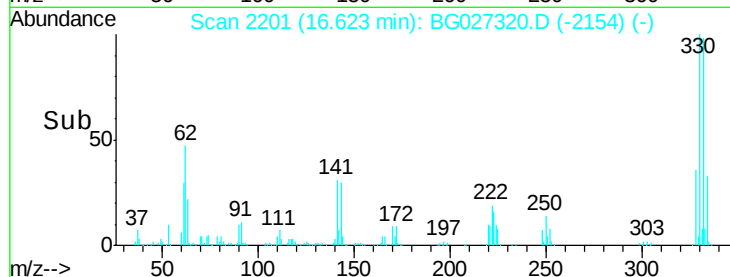
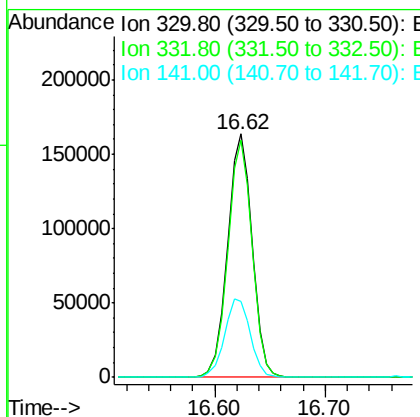
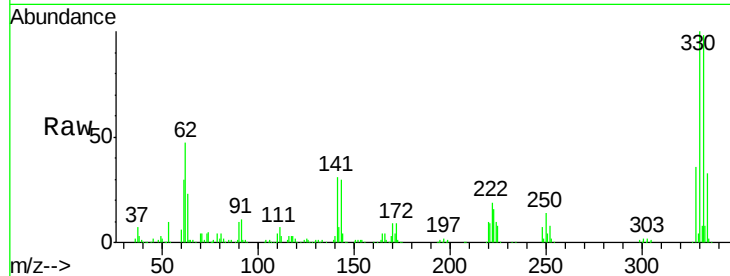
#41
 2,4,6-Tribromophenol
 Concen: 124.289 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	254414		
332	96.5	77.3	115.9	
141	33.6	32.1	48.1	

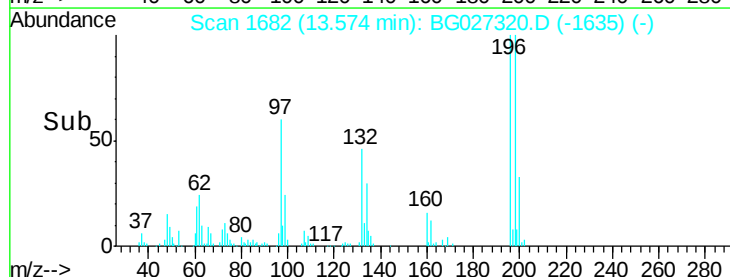
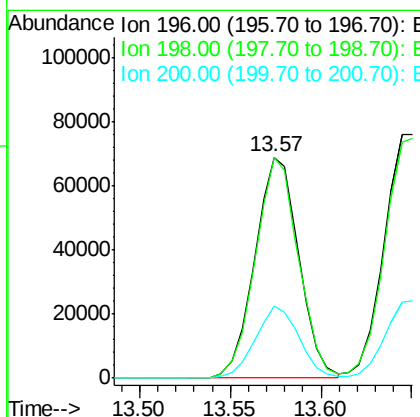
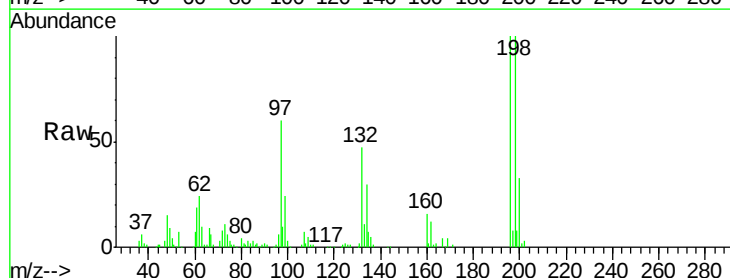
Manual Integrations
 APPROVED

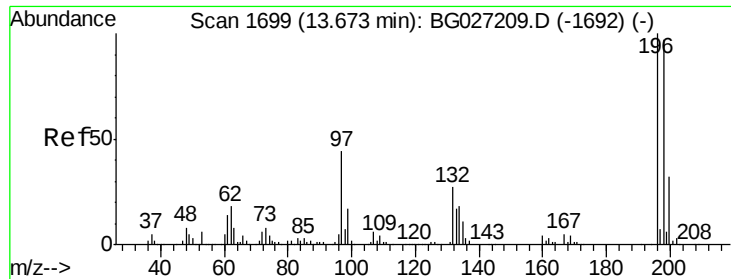
mohammad
 6/9/2017 12:20:41 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.646 ng
 RT: 13.57 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116449		
198	99.7	81.4	122.2	
200	32.8	27.0	40.6	





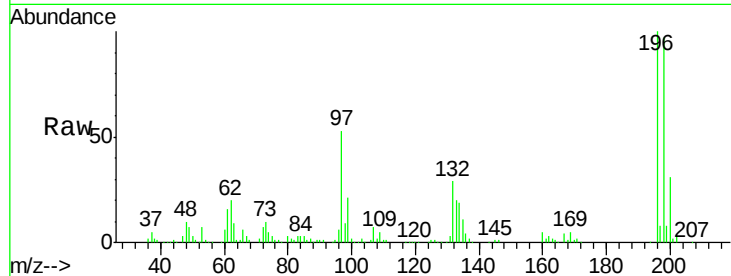
#43
2,4,5-Trichlorophenol
Concen: 40.054 ng
RT: 13.64 min Scan# 1694
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

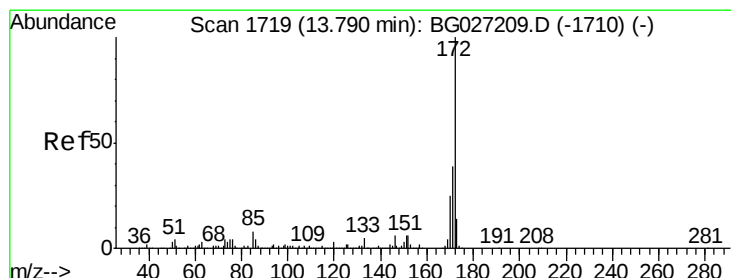
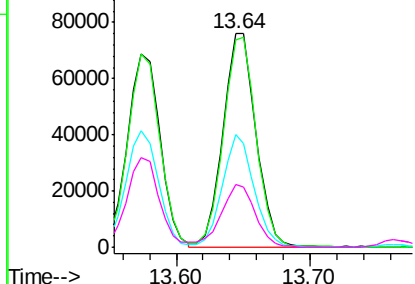
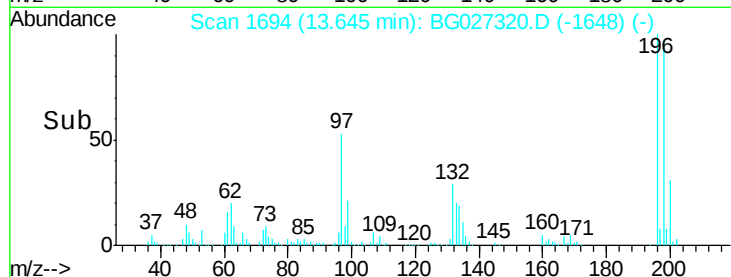
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	131648		
198	97.1	79.9	119.9	
97	52.8	45.4	68.0	
132	29.3	20.7	31.1	

Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM

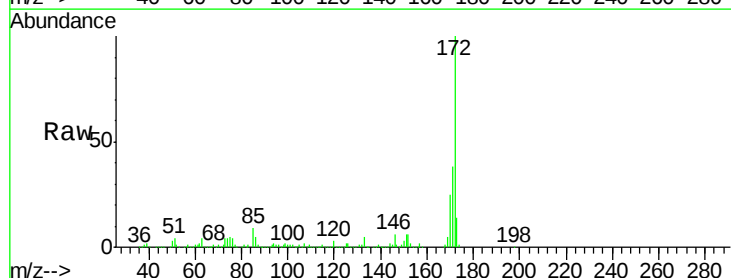


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

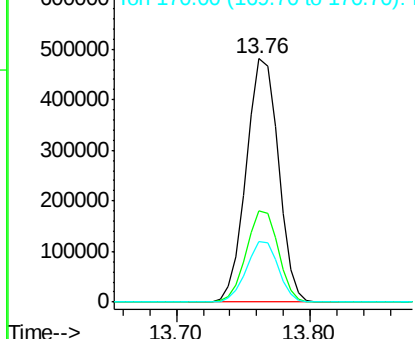
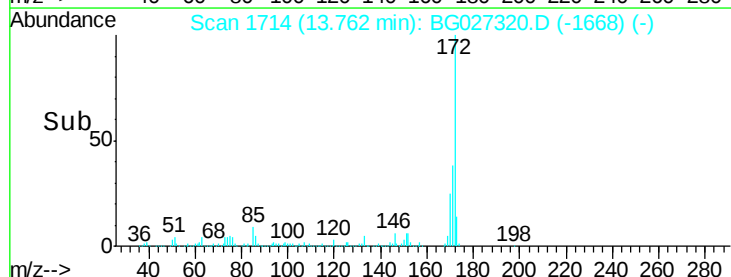


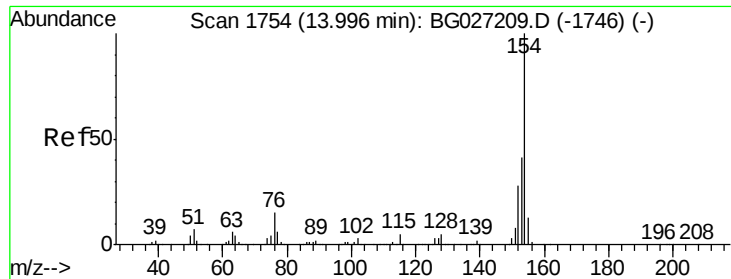
#44
2-Fluorobiphenyl
Concen: 71.873 ng
RT: 13.76 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	798611		
171	37.7	32.2	48.2	
170	24.9	21.8	32.6	



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





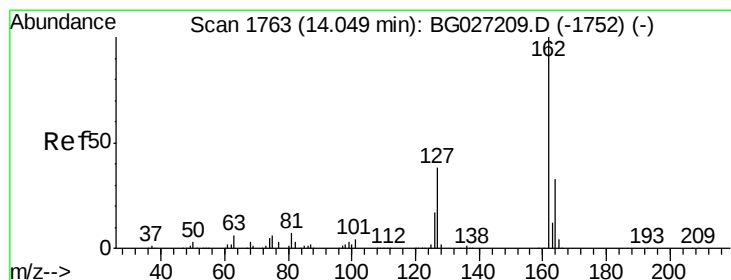
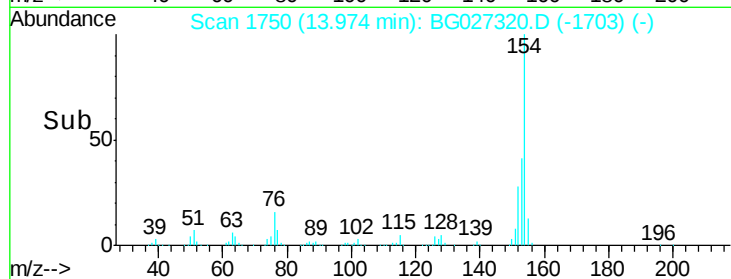
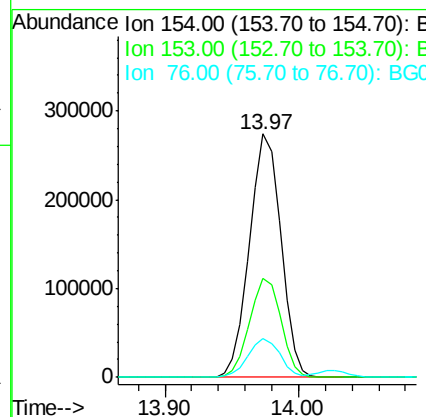
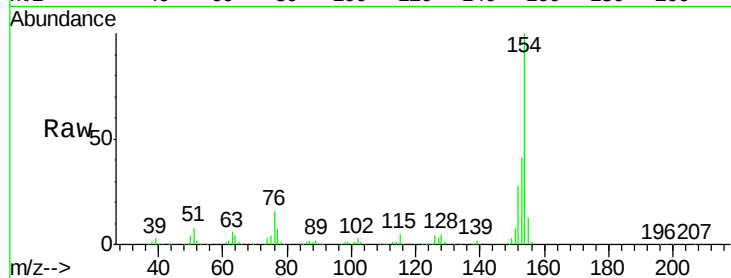
#45
 1,1'-Biphenyl
 Concen: 35.049 ng
 RT: 13.97 min Scan# 1750
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB99585BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	23.0	63.0
76	16.0	0.0	33.5

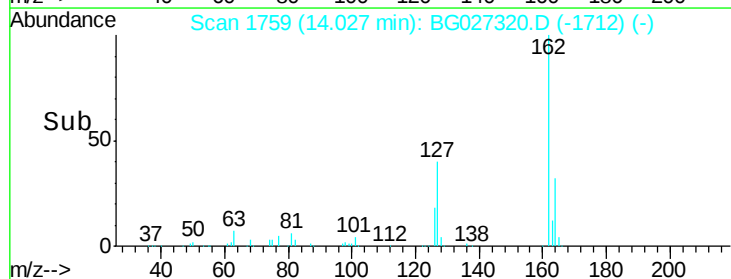
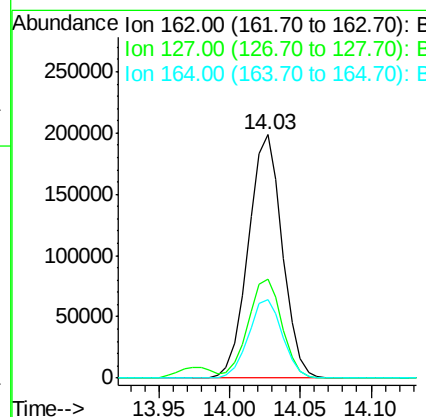
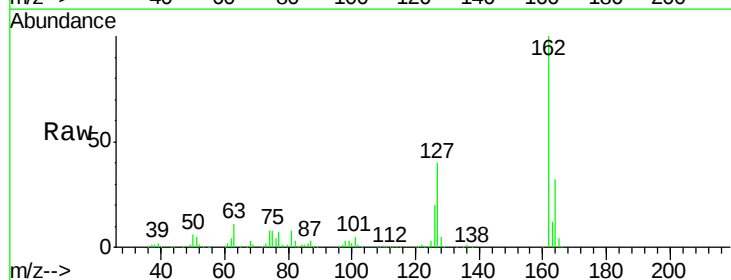
Manual Integrations
 APPROVED

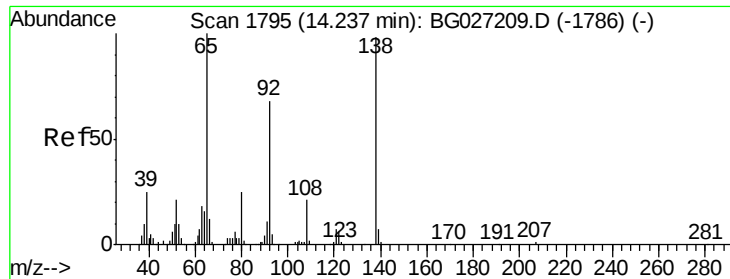
mohammad
 6/9/2017 12:20:41 PM



#46
 2-Chloronaphthalene
 Concen: 35.102 ng
 RT: 14.03 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.2	48.4
164	32.4	27.3	40.9





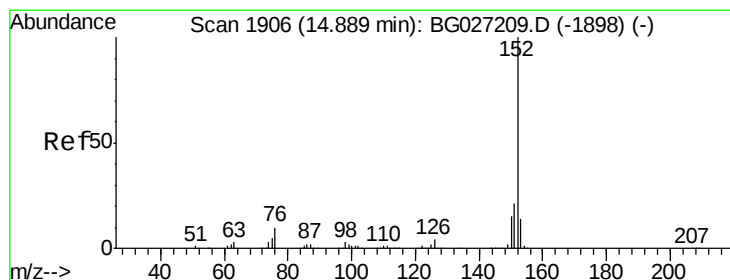
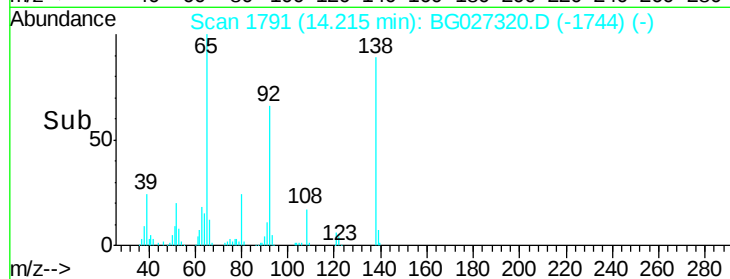
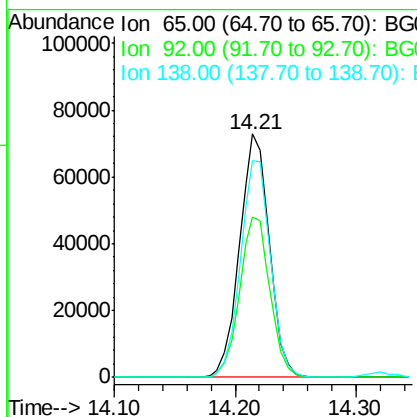
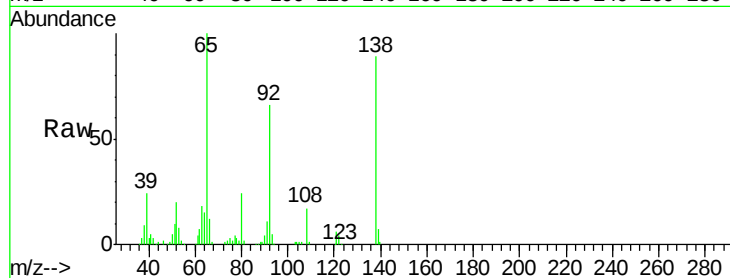
#47
2-Nitroaniline
Concen: 46.435 ng
RT: 14.21 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	65.8	49.0	73.4
138	88.8	58.6	87.8

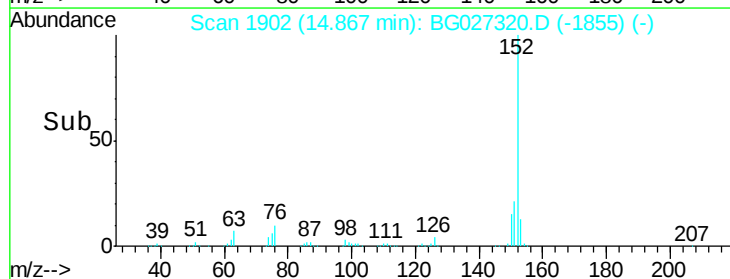
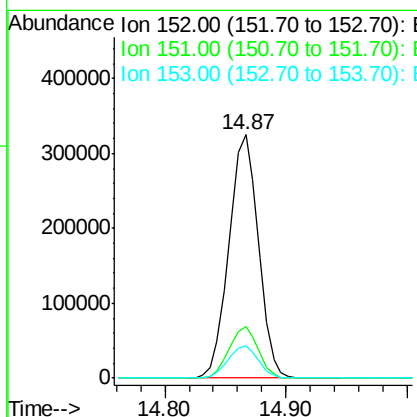
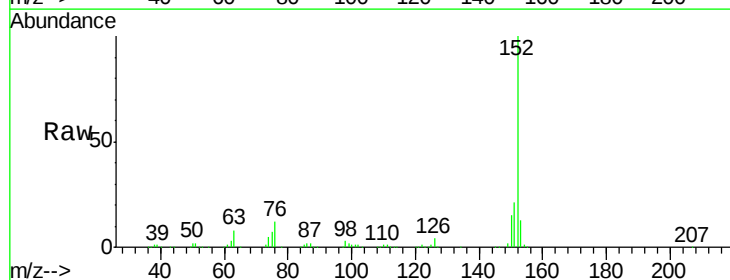
Manual Integrations
APPROVED

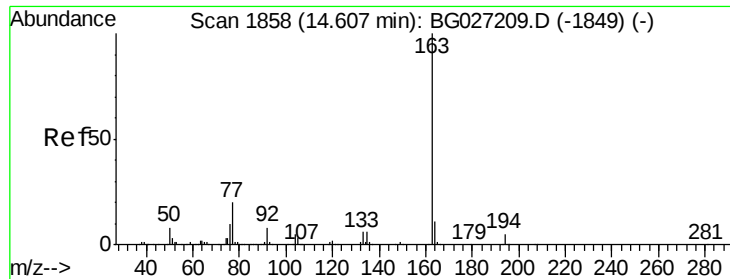
mohammad
6/9/2017 12:20:41 PM



#48
Acenaphthylene
Concen: 34.268 ng
RT: 14.87 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	21.1	18.2	27.2
153	13.5	11.3	16.9





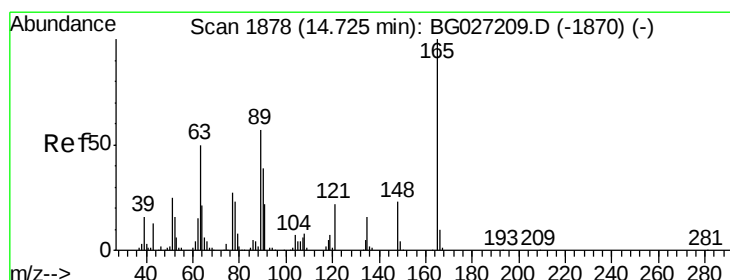
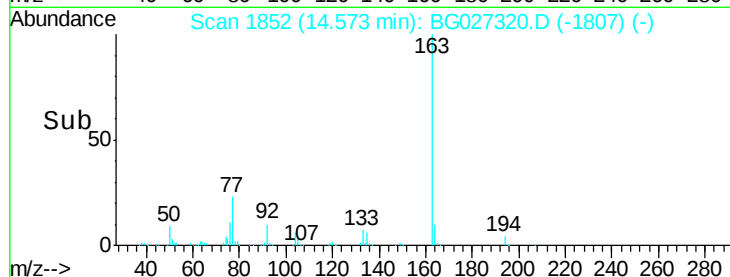
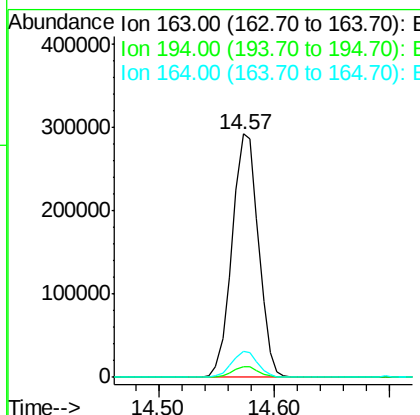
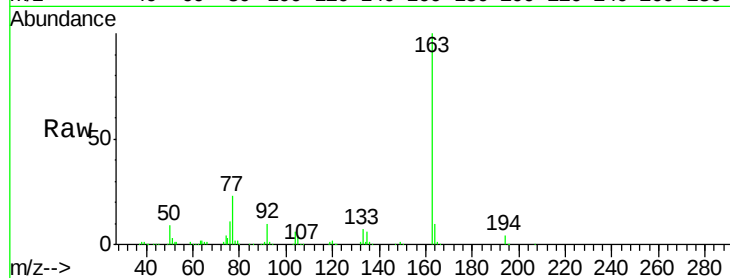
#49
Dimethylphthalate
Concen: 37.430 ng
RT: 14.57 min Scan# 1852
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	461548		
194	4.3	3.8	5.6	
164	10.5	9.3	13.9	

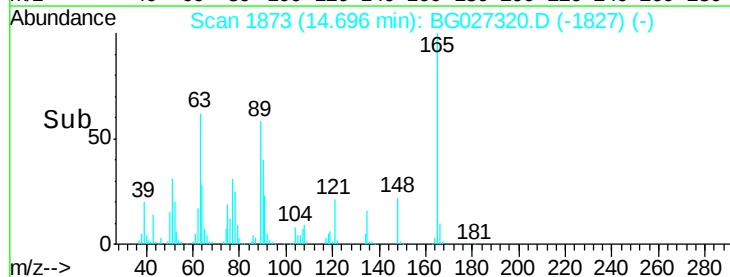
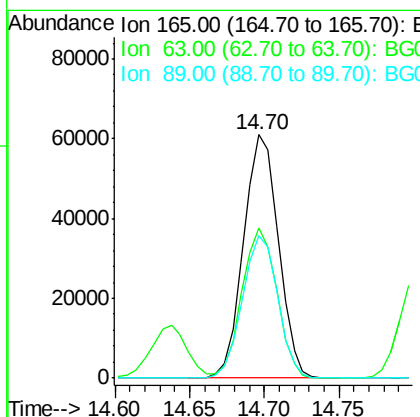
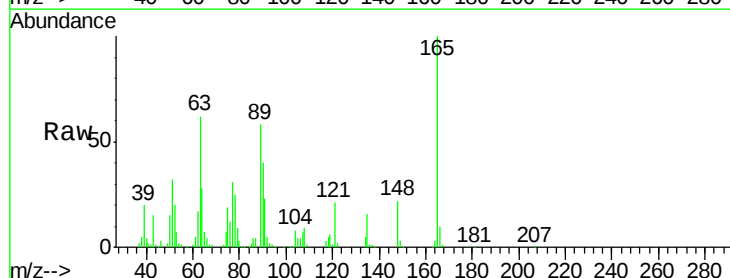
Manual Integrations
APPROVED

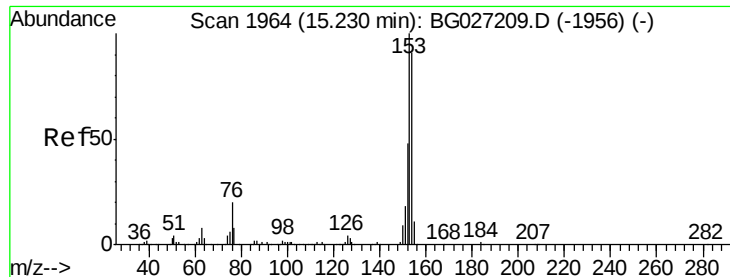
mohammad
6/9/2017 12:20:41 PM



#50
2,6-Dinitrotoluene
Concen: 40.357 ng
RT: 14.70 min Scan# 1873
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	98561		
63	61.9	63.9	95.9#	
89	58.3	58.6	88.0#	





#51

Acenaphthene

Concen: 38.927 ng

RT: 15.20 min Scan# 1959

Delta R.T. -0.03 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Instrument :

BNA_G

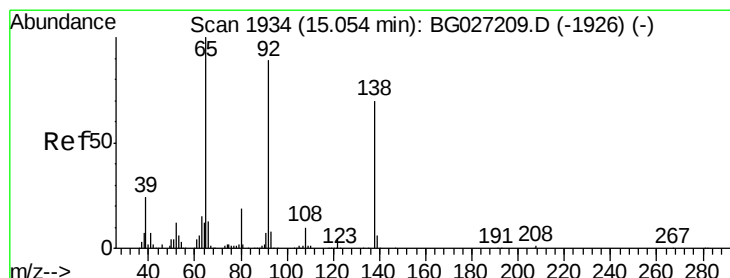
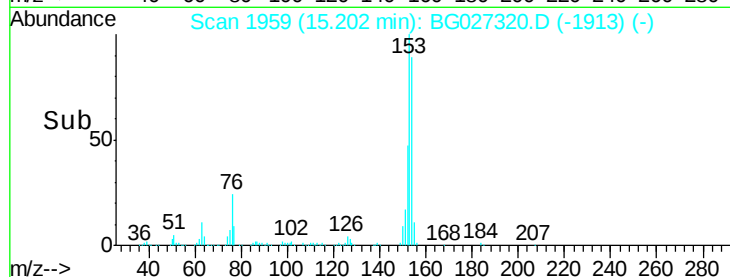
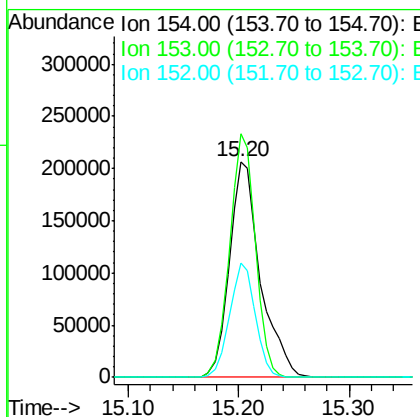
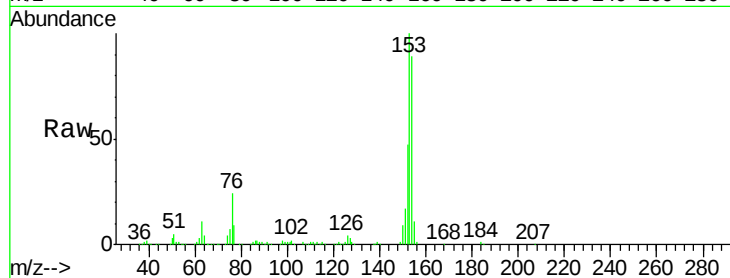
ClientSampleId :

PB99585BS

Tgt Ion:	154	Resp:	407645
Ion Ratio	Lower	Upper	
154	100		
153	113.0	87.8	131.6
152	52.9	42.2	63.4

Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM



#52

3-Nitroaniline

Concen: 24.210 ng

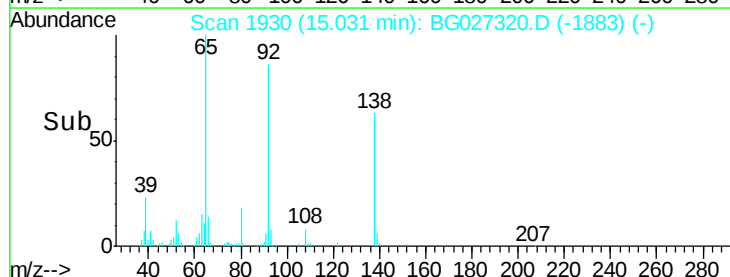
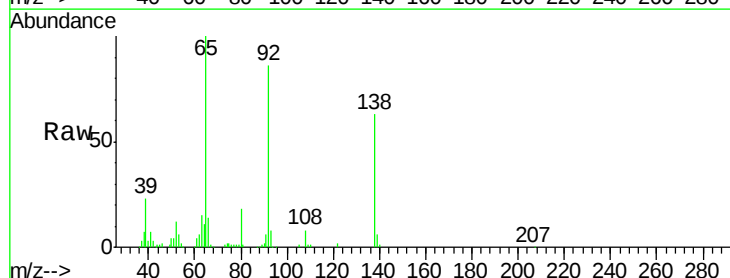
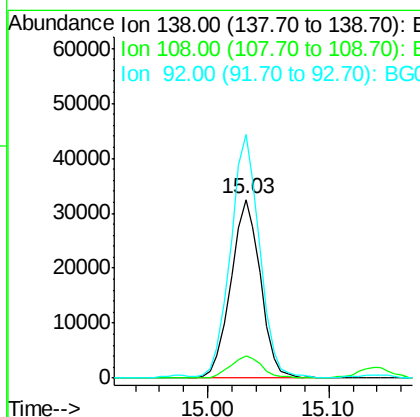
RT: 15.03 min Scan# 1930

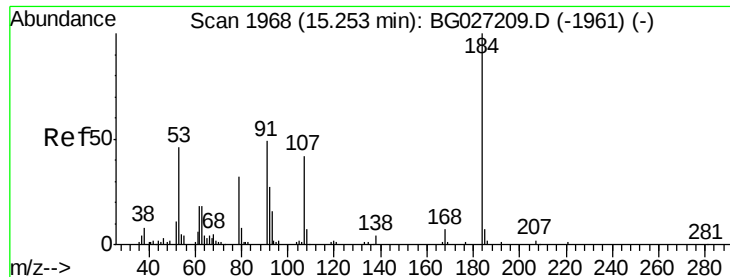
Delta R.T. -0.02 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Tgt Ion:	138	Resp:	55171
Ion Ratio	Lower	Upper	
138	100		
108	12.2	10.9	16.3
92	136.1	115.3	172.9





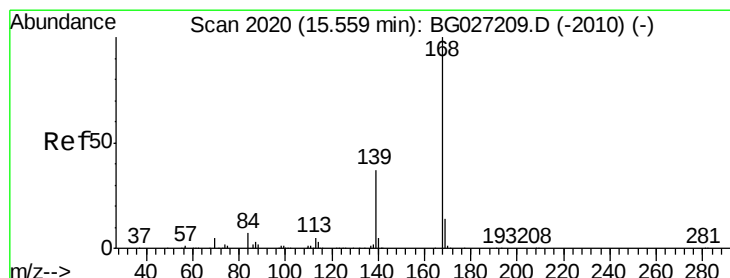
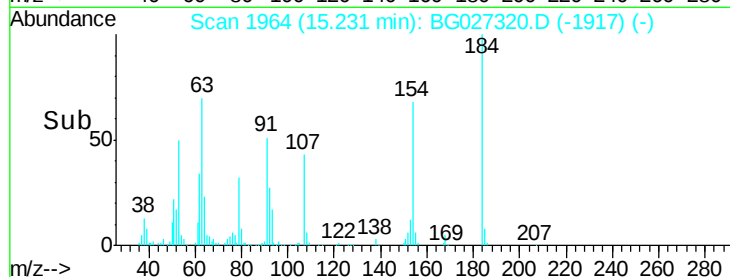
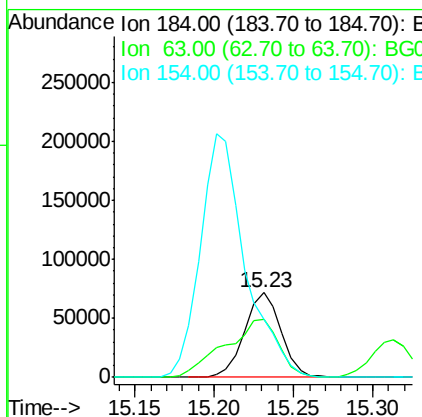
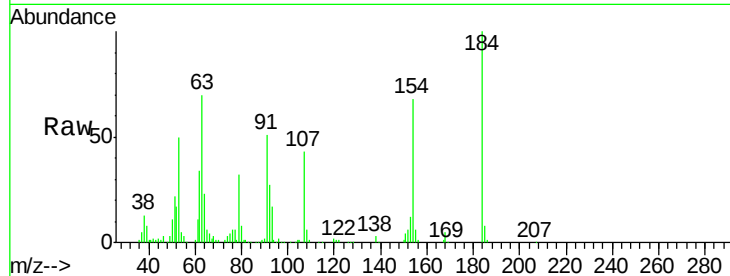
#53
2,4-Dinitrophenol
Concen: 89.752 ng
RT: 15.23 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	114339		
63	69.6	52.7	79.1	
154	68.2	57.3	85.9	

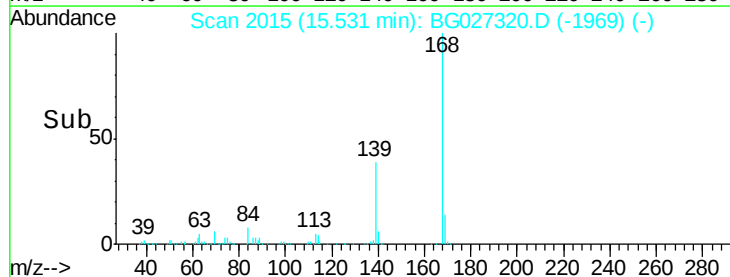
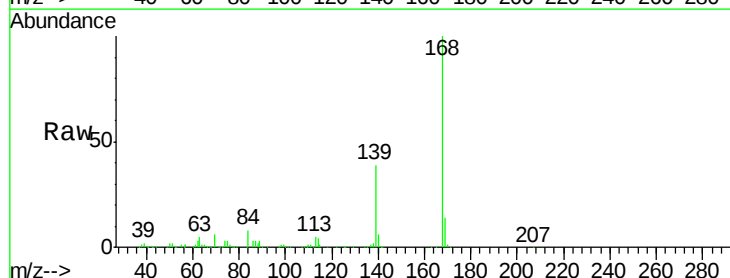
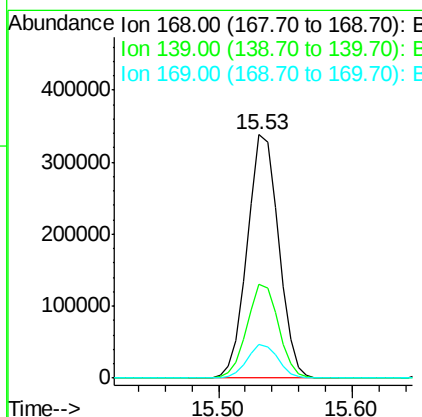
Manual Integrations
APPROVED

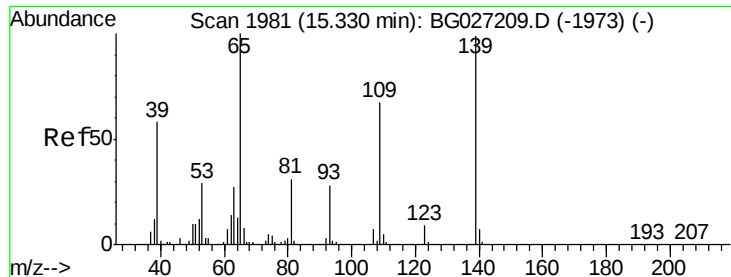
mohammad
6/9/2017 12:20:41 PM



#54
Dibenzofuran
Concen: 37.484 ng
RT: 15.53 min Scan# 2015
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	548540		
139	38.8	35.3	52.9	
169	13.8	11.5	17.3	





#55

4-Nitrophenol

Concen: 77.685 ng

RT: 15.31 min Scan# 1978

Delta R.T. -0.02 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Instrument :

BNA_G

ClientSampleId :

PB99585BS

Tgt Ion:139 Resp: 180500
Ion Ratio Lower Upper

139 100

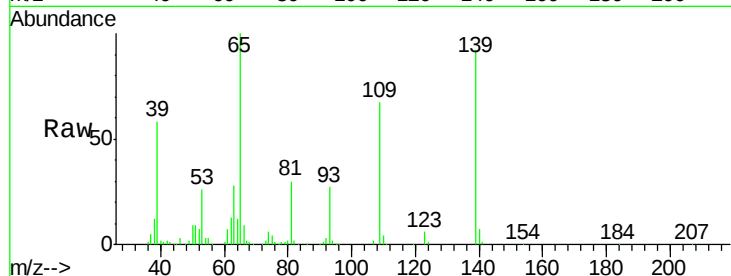
109 72.7 101.2 141.2#

65 108.9 135.3 175.3#

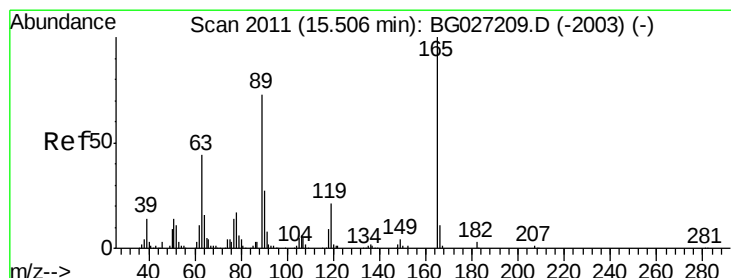
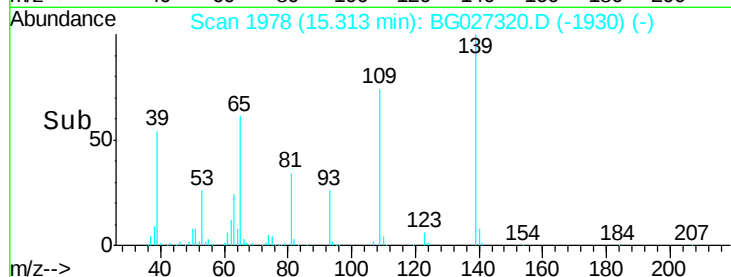
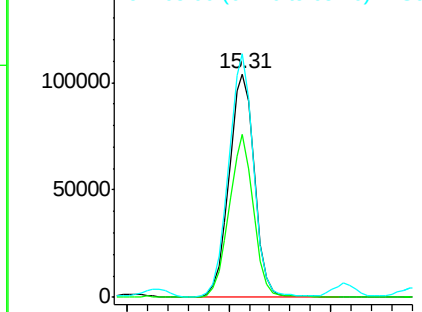
Manual Integrations
APPROVED

mohammad

6/9/2017 12:20:41 PM



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 44.340 ng

RT: 15.48 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Tgt Ion:165 Resp: 140106
Ion Ratio Lower Upper

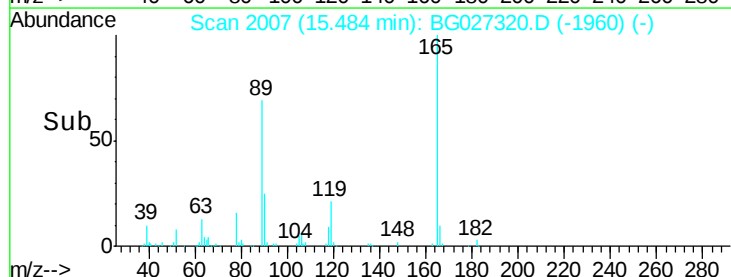
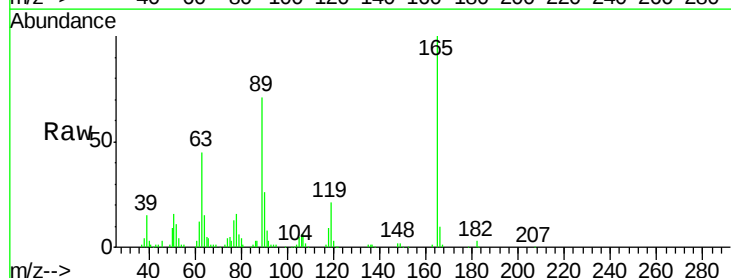
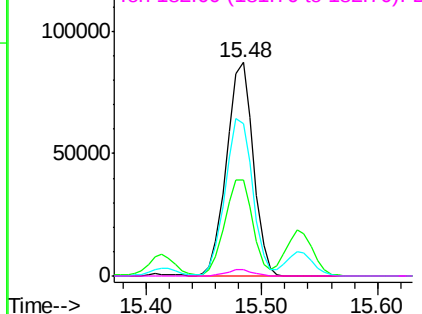
165 100

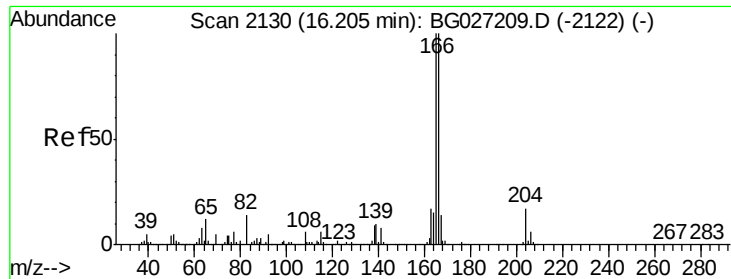
63 45.2 44.0 66.0

89 71.5 67.3 100.9

182 3.0 3.8 5.6#

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





#57

Fluorene

Concen: 34.585 ng

RT: 16.18 min Scan# 2126

Delta R.T. -0.02 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Instrument :

BNA_G

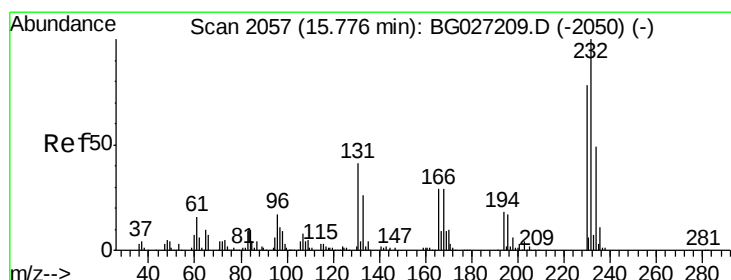
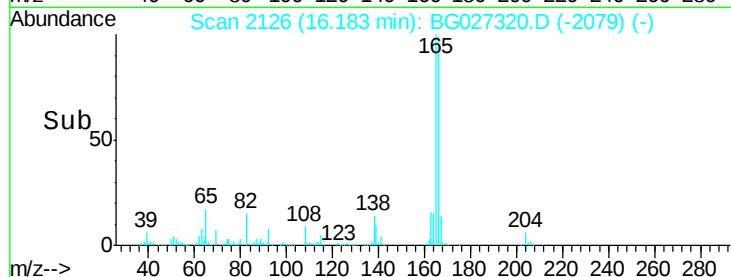
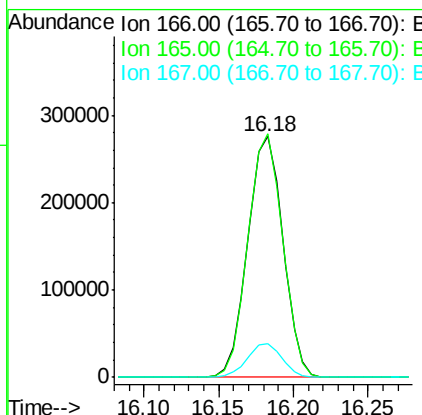
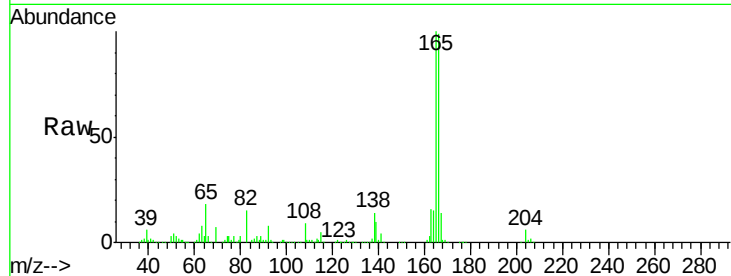
ClientSampleId :

PB99585BS

Tgt Ion:	166	Resp:	449538
Ion Ratio		Lower	Upper
166	100		
165	101.2	78.6	117.8
167	13.9	11.6	17.4

Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.831 ng

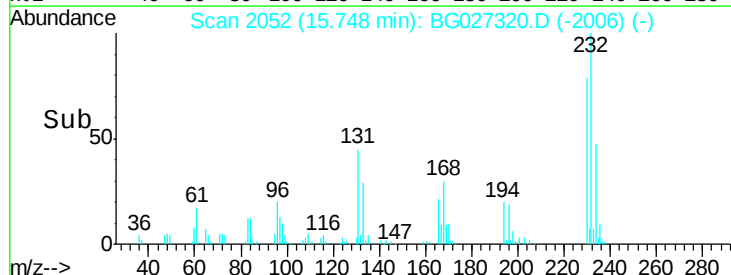
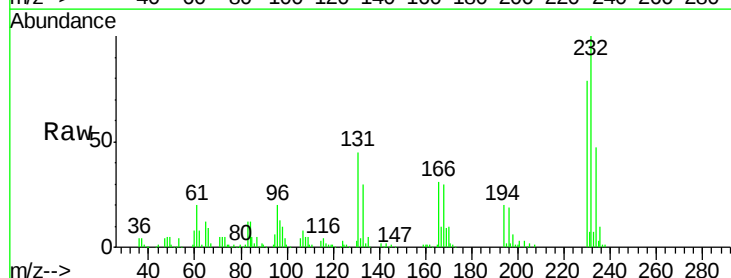
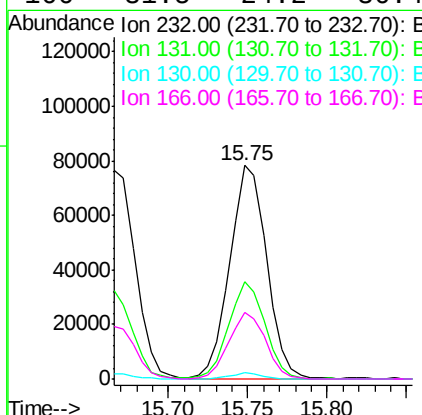
RT: 15.75 min Scan# 2052

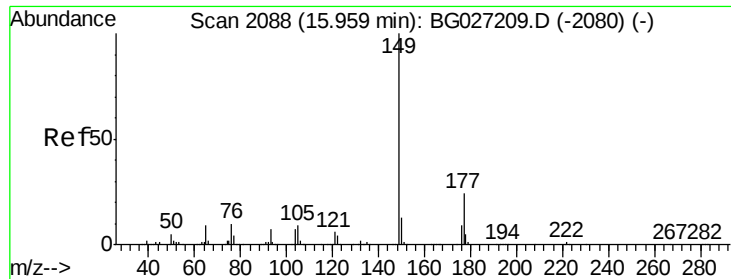
Delta R.T. -0.03 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Tgt Ion:	232	Resp:	125666
Ion Ratio		Lower	Upper
232	100		
131	45.2	34.9	52.3
130	2.6	2.3	3.5
166	31.5	24.2	36.4





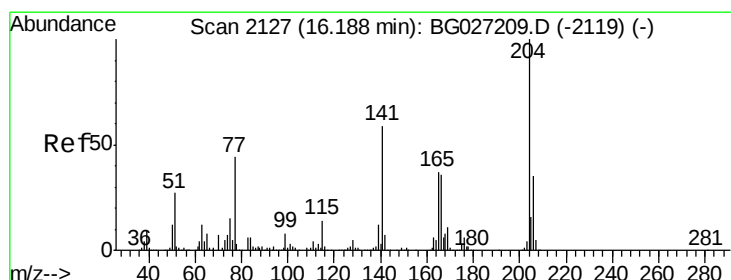
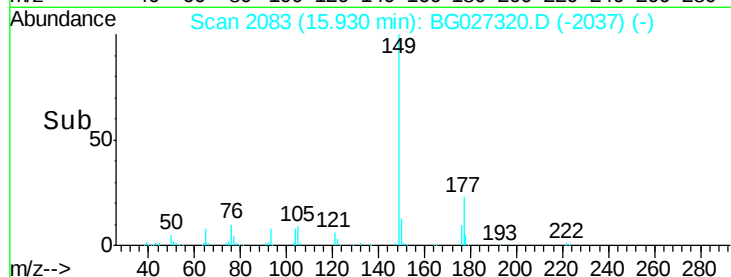
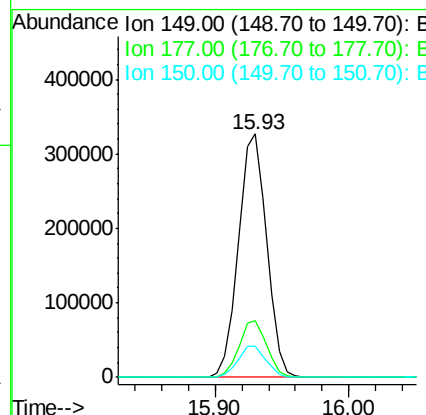
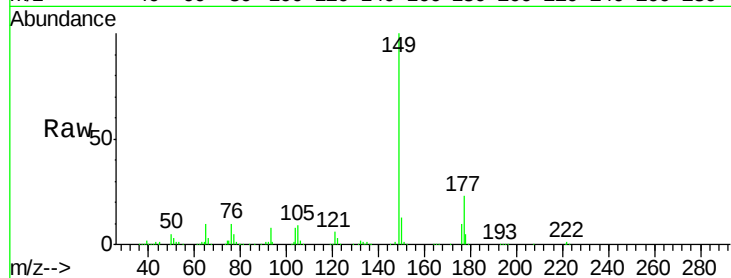
#59
Diethylphthalate
Concen: 38.900 ng
RT: 15.93 min Scan# 2083
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	478454		
177	23.3	20.1	30.1	
150	12.6	10.2	15.2	

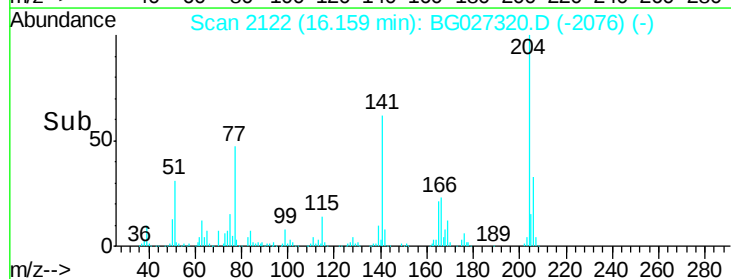
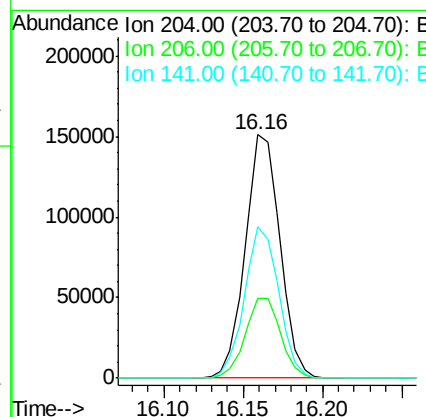
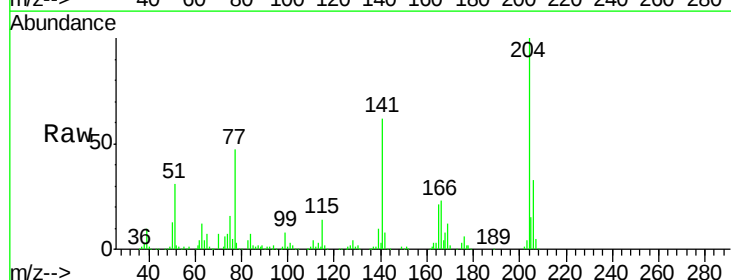
Manual Integrations
APPROVED

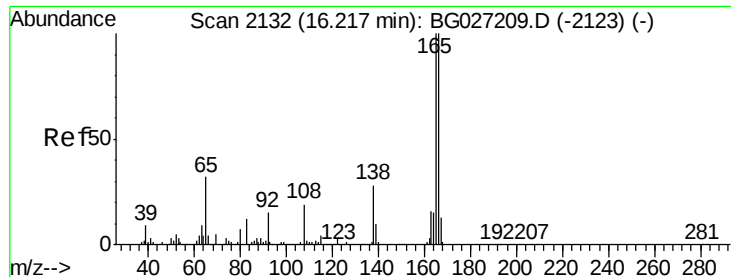
mohammad
6/9/2017 12:20:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.084 ng
RT: 16.16 min Scan# 2122
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	229711		
206	33.0	30.1	45.1	
141	62.2	50.6	76.0	





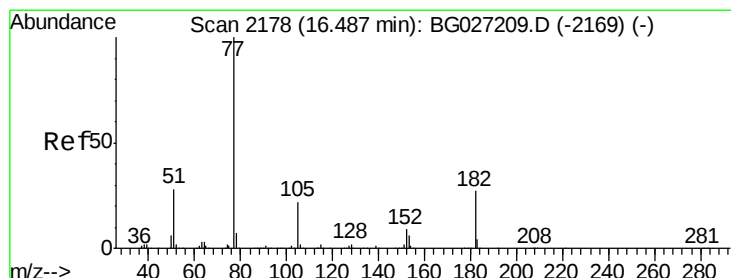
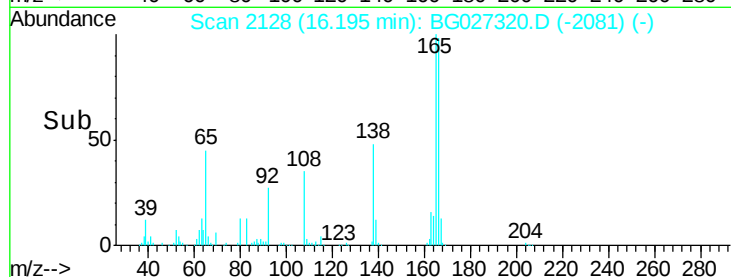
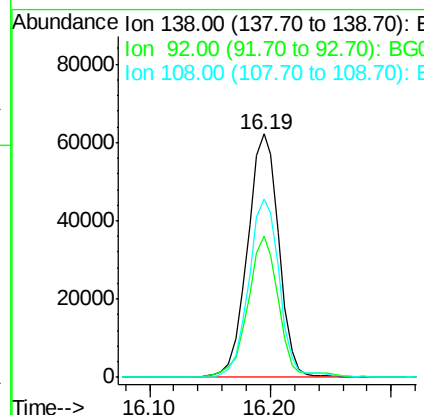
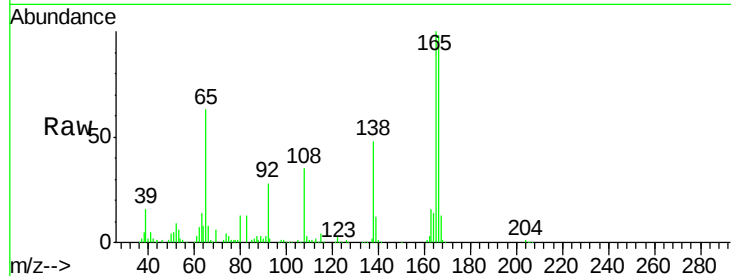
#61
4-Nitroaniline
Concen: 42.935 ng
RT: 16.19 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	112276		
92	57.8	44.2	84.2	
108	73.2	104.8	144.8	

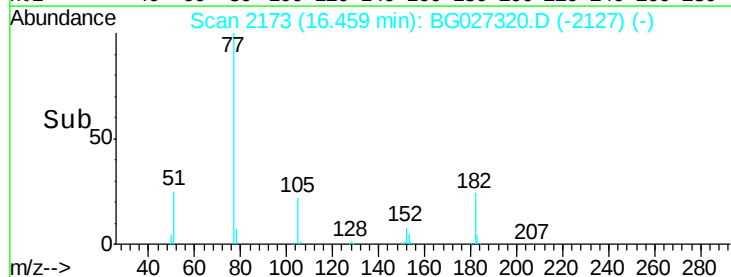
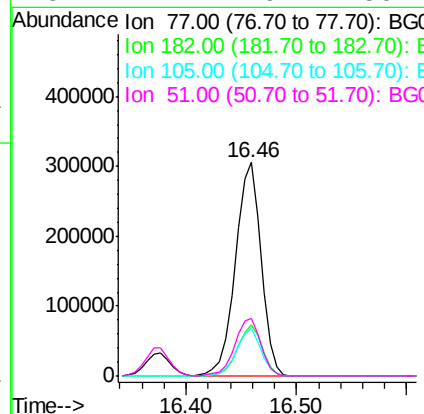
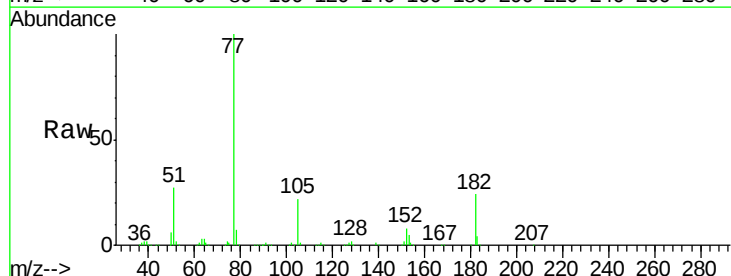
Manual Integrations
APPROVED

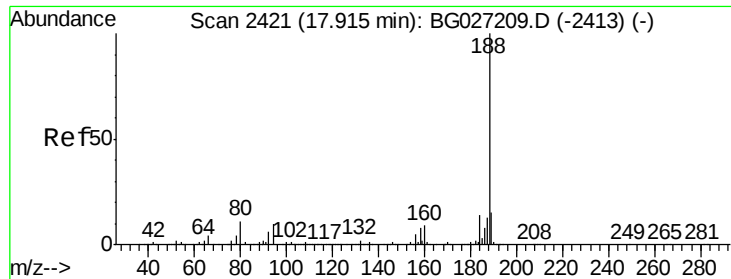
mohammad
6/9/2017 12:20:41 PM



#62
Azobenzene
Concen: 43.725 ng
RT: 16.46 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	498457		
182	23.9	4.7	44.7	
105	22.2	0.0	36.3	
51	27.1	16.4	56.4	





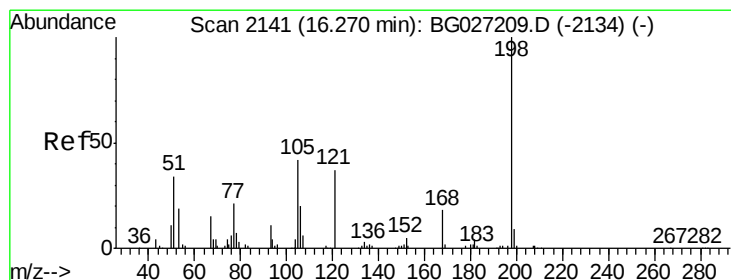
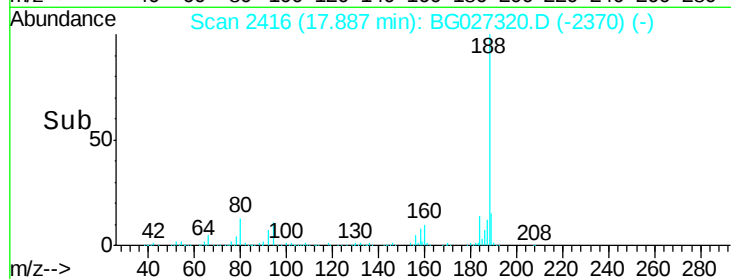
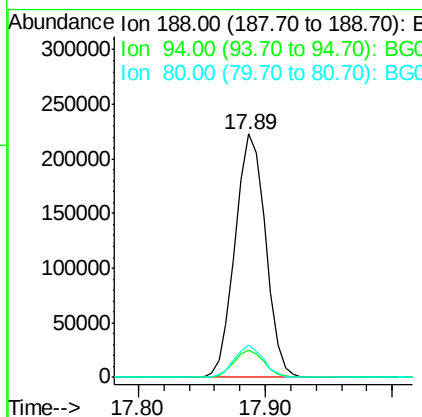
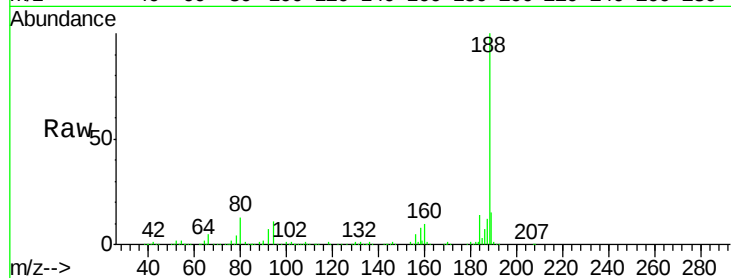
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	371558		
94	11.1	5.8	8.8#	
80	13.1	7.5	11.3#	

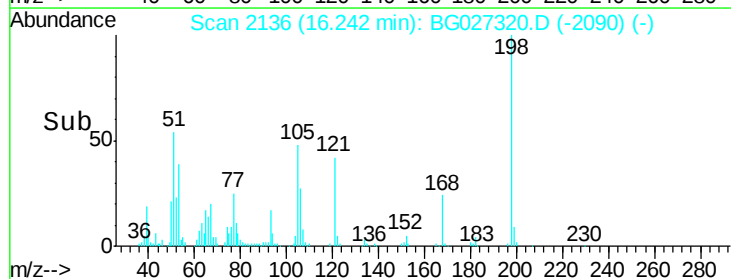
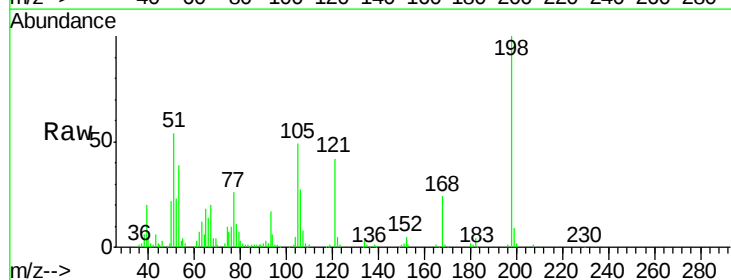
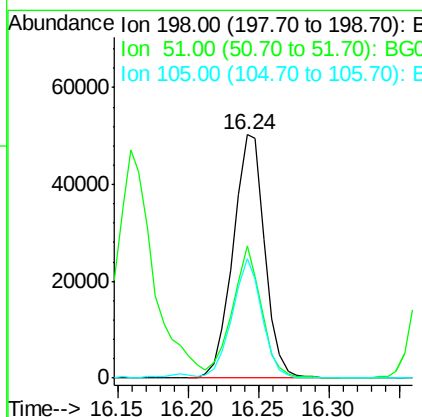
Manual Integrations
APPROVED

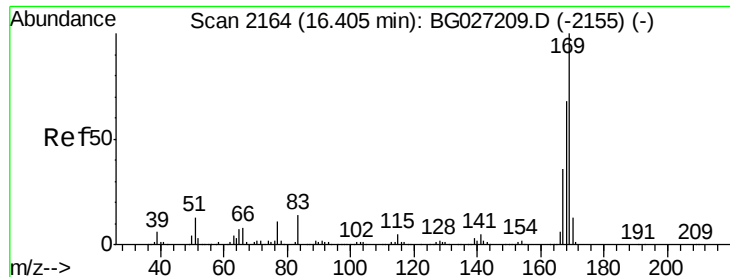
mohammad
6/9/2017 12:20:41 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 47.687 ng
RT: 16.24 min Scan# 2136
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	78496		
51	54.1	22.6	62.6	
105	48.9	14.4	54.4	





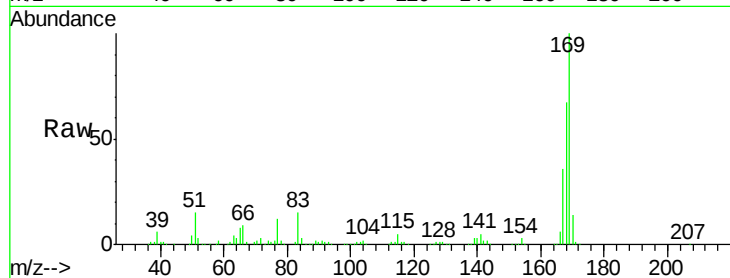
#65
 n-Nitrosodiphenylamine
 Concen: 35.125 ng
 RT: 16.38 min Scan# 2159
 Delta R.T. -0.03 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB99585BS

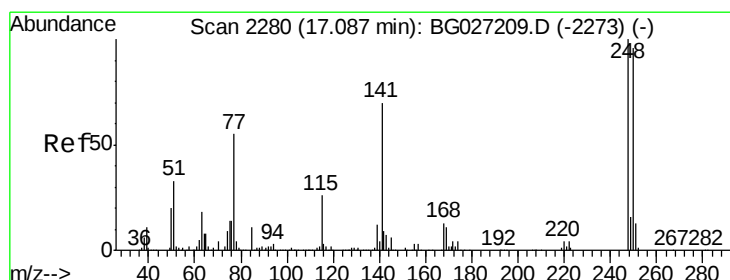
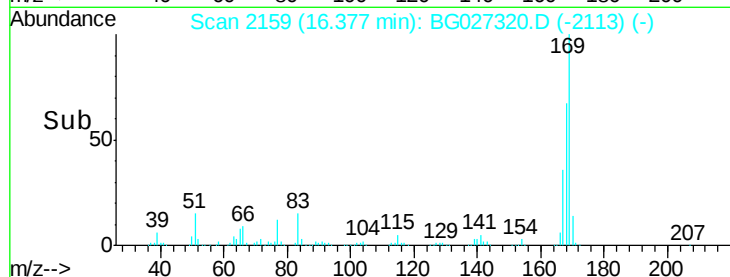
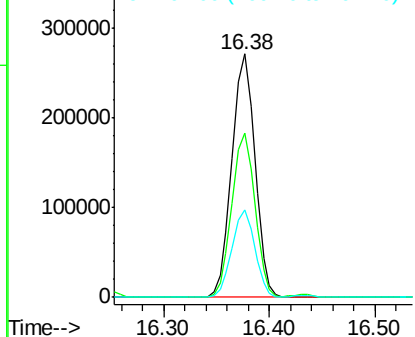
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	409155		
168	67.3		55.7	83.5
167	36.2		29.8	44.6

Manual Integrations
 APPROVED

mohammad
 6/9/2017 12:20:41 PM



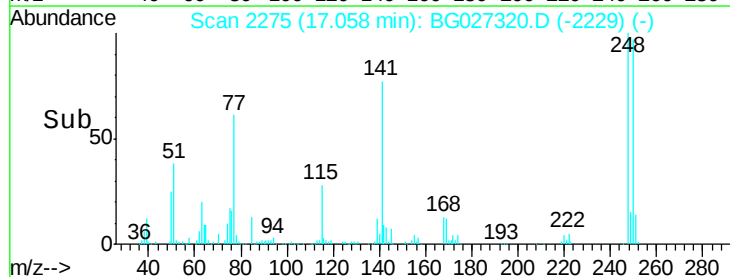
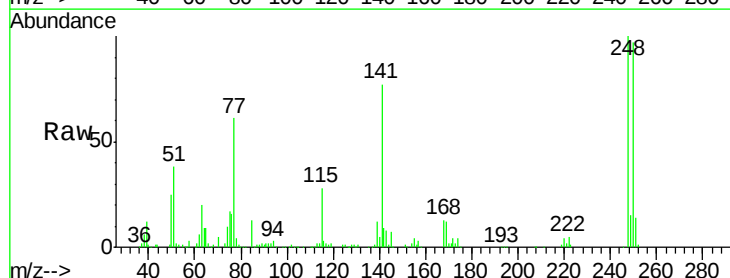
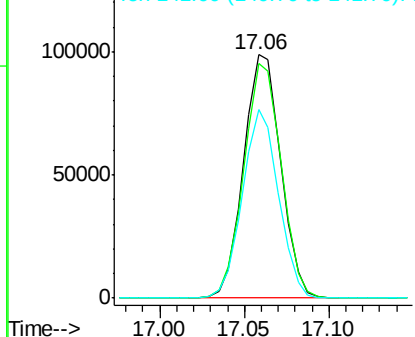
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

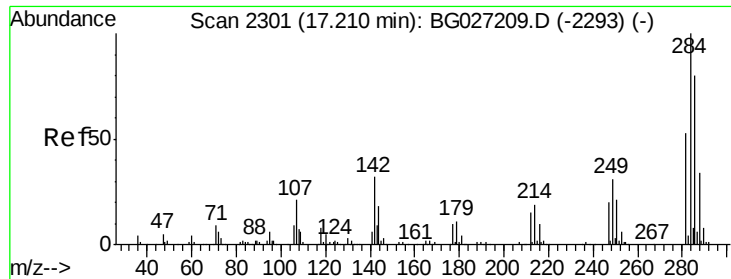


#66
 4-Bromophenyl-phenylether
 Concen: 34.484 ng
 RT: 17.06 min Scan# 2275
 Delta R.T. -0.03 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	151646		
250	96.6		75.0	112.6
141	77.4		55.2	82.8

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





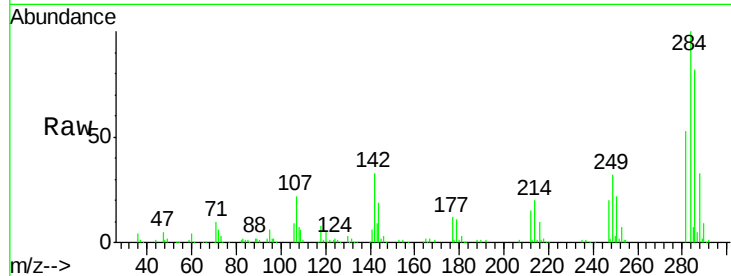
#67
Hexachlorobenzene
Concen: 34.038 ng
RT: 17.19 min Scan# 2297
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampled :
PB99585BS

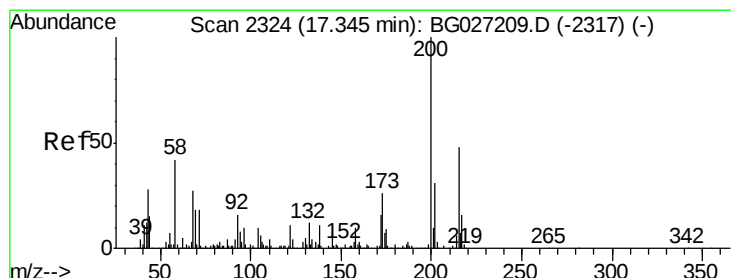
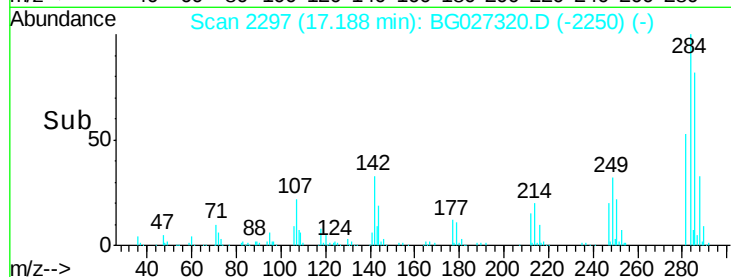
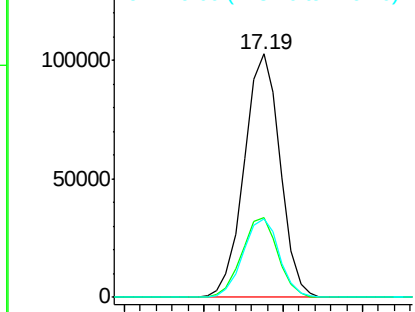
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	32.9	29.9	44.9
249	32.4	29.2	43.8

Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM

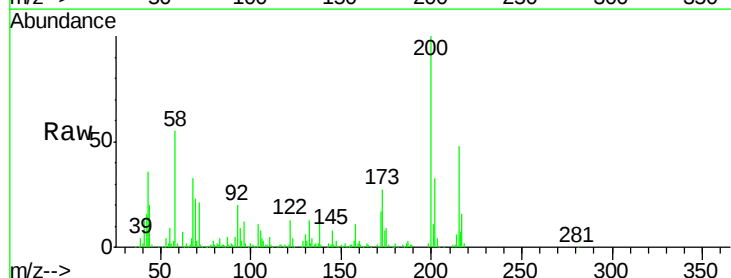


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

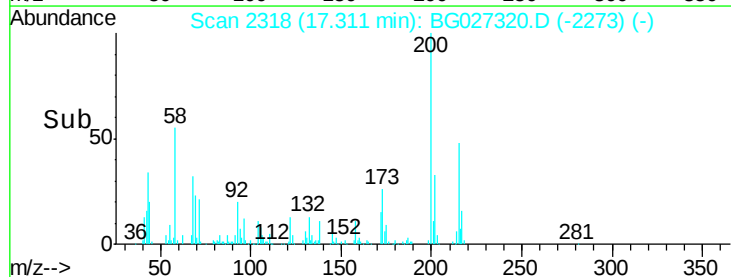
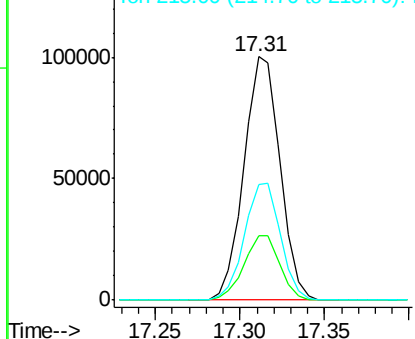


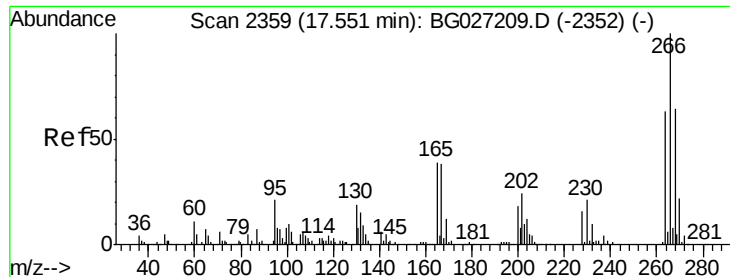
#68
Atrazine
Concen: 38.174 ng
RT: 17.31 min Scan# 2318
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.6	3.0	43.0
215	47.6	28.4	68.4



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





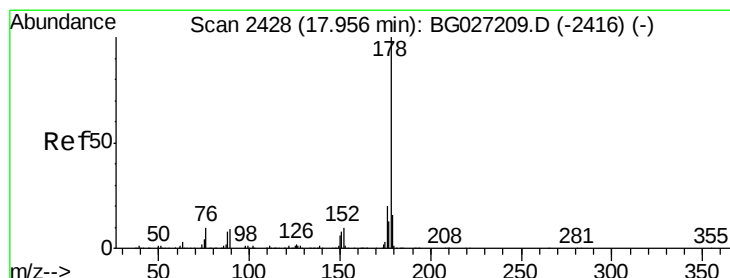
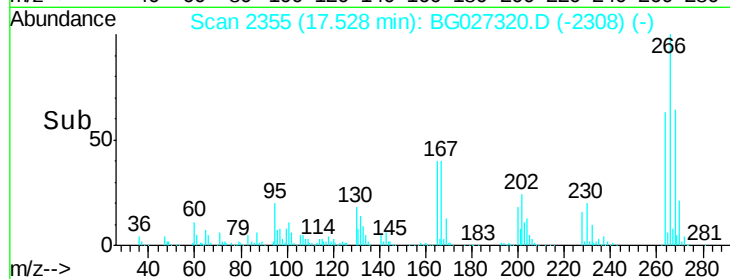
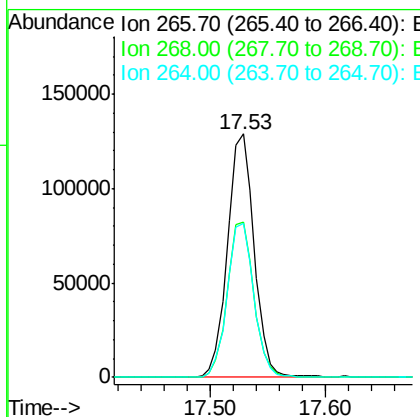
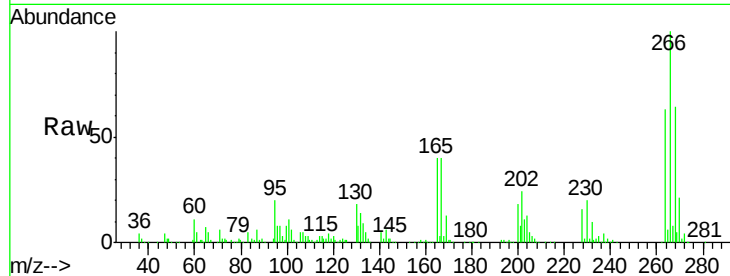
#69
 Pentachlorophenol
 Concen: 74.238 ng
 RT: 17.53 min Scan# 2355
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	205833		
268	63.8	48.6	72.8	
264	63.0	50.1	75.1	

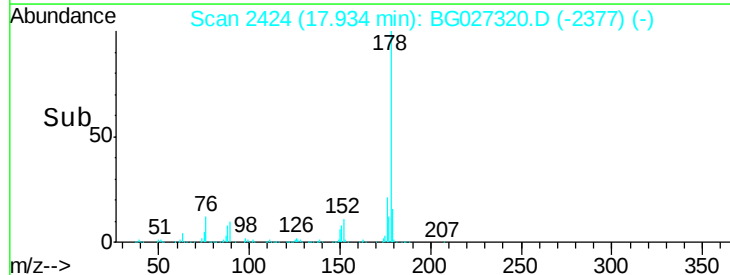
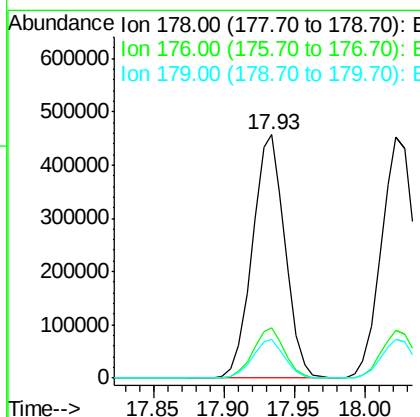
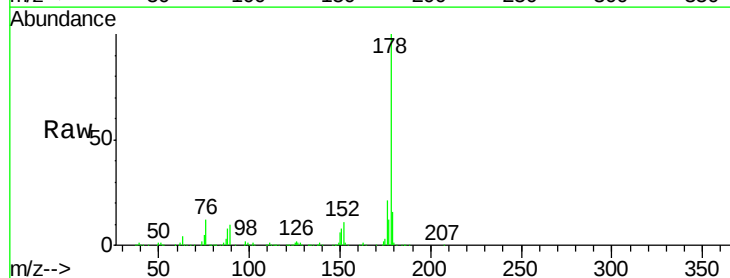
Manual Integrations
 APPROVED

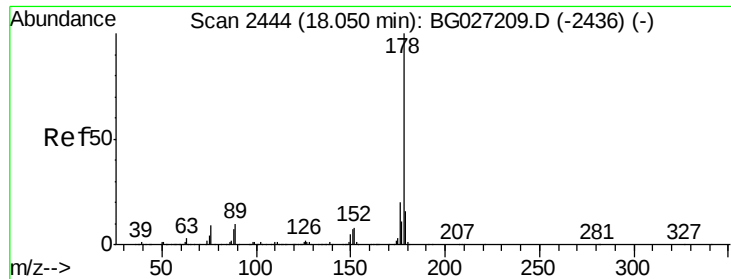
mohammad
 6/9/2017 12:20:41 PM



#70
 Phenanthrene
 Concen: 35.253 ng
 RT: 17.93 min Scan# 2424
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	736955		
176	20.5	17.7	26.5	
179	16.0	15.0	22.6	





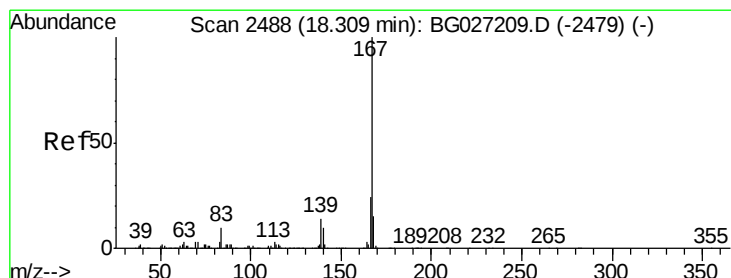
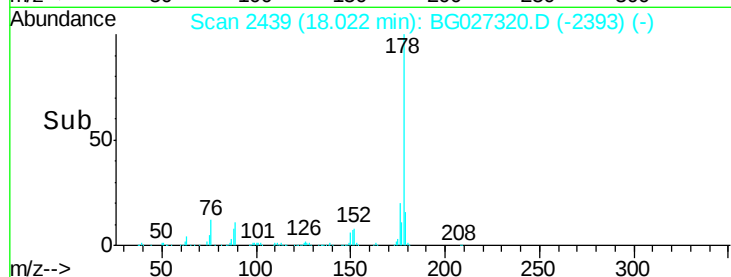
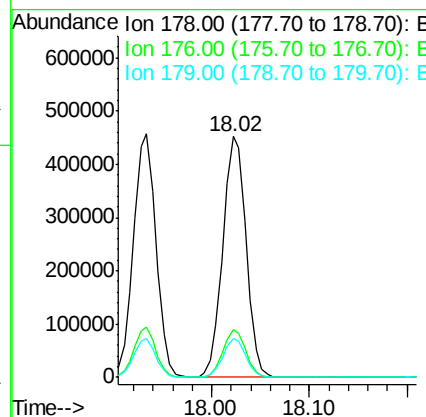
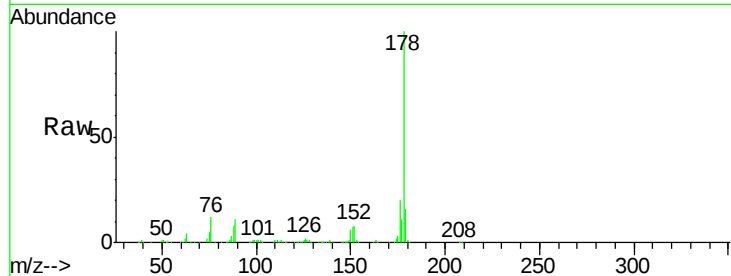
#71
 Anthracene
 Concen: 35.686 ng
 RT: 18.02 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB99585BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	747373		
176	19.8	16.4	24.6	
179	16.2	13.8	20.8	

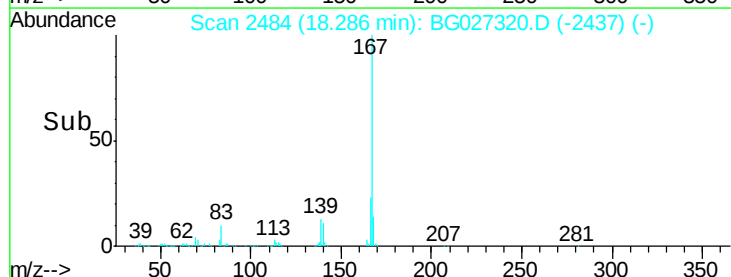
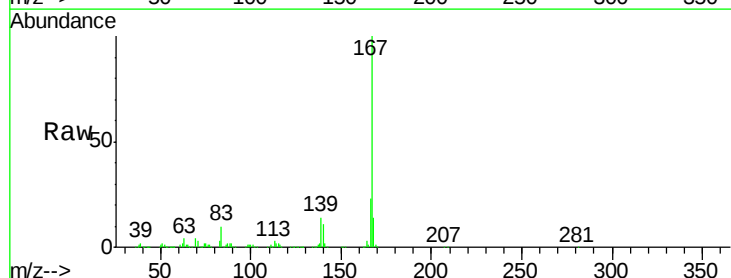
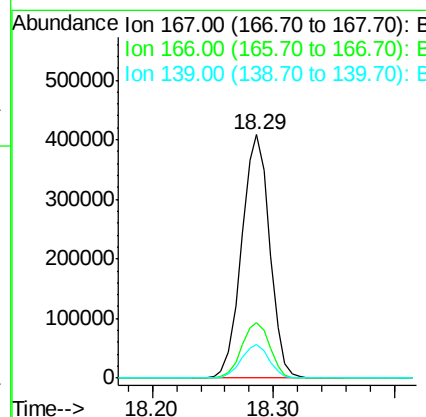
Manual Integrations
 APPROVED

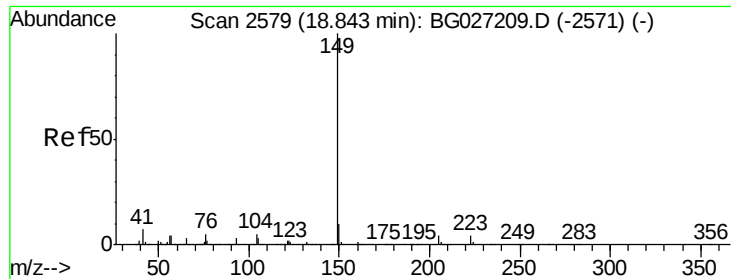
mohammad
 6/9/2017 12:20:41 PM



#72
 Carbazole
 Concen: 33.426 ng
 RT: 18.29 min Scan# 2484
 Delta R.T. -0.02 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	660273		
166	22.7	20.2	30.2	
139	13.6	12.8	19.2	





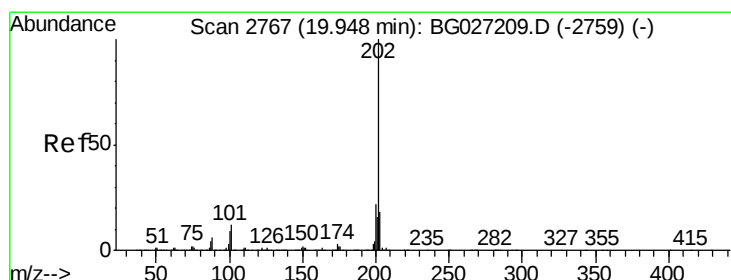
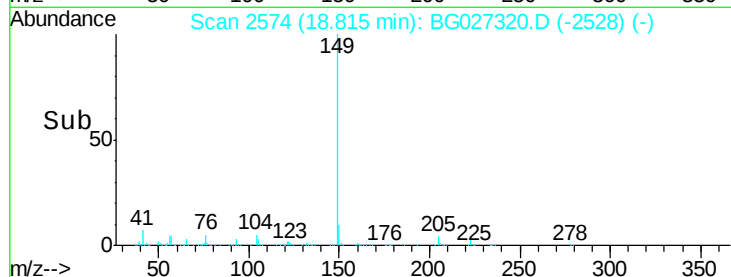
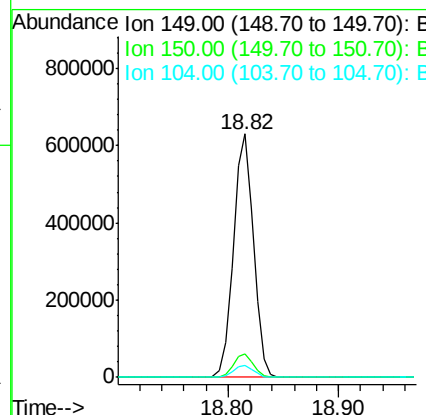
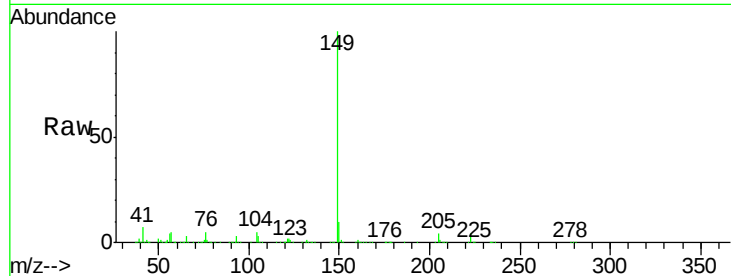
#73
Di-n-butylphthalate
Concen: 41.756 ng
RT: 18.82 min Scan# 2574
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.5	9.1	13.7
104	5.0	6.7	10.1

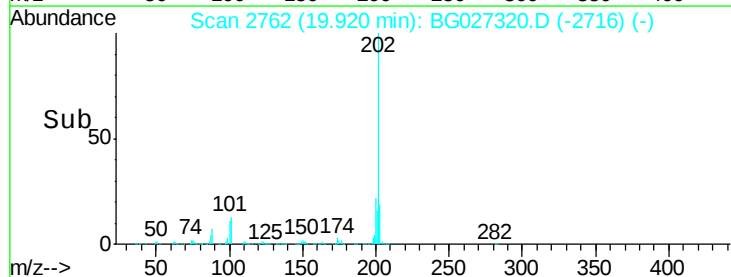
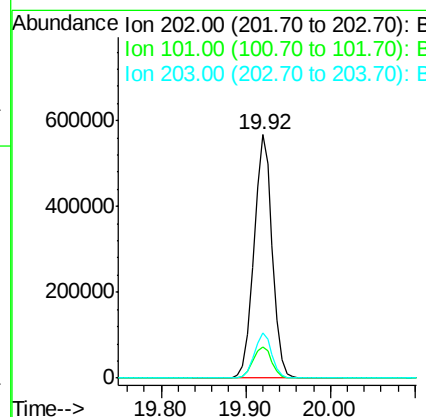
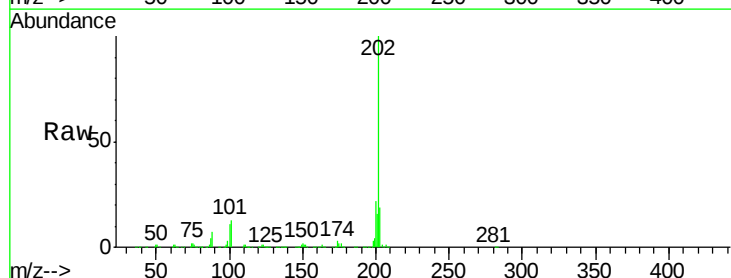
Manual Integrations
APPROVED

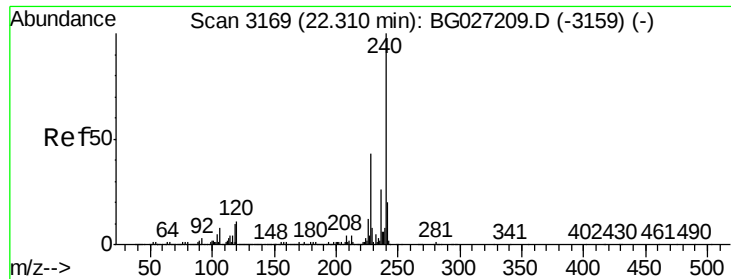
mohammad
6/9/2017 12:20:41 PM



#74
Fluoranthene
Concen: 38.069 ng
RT: 19.92 min Scan# 2762
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.6	0.0	30.1
203	18.5	1.3	41.3





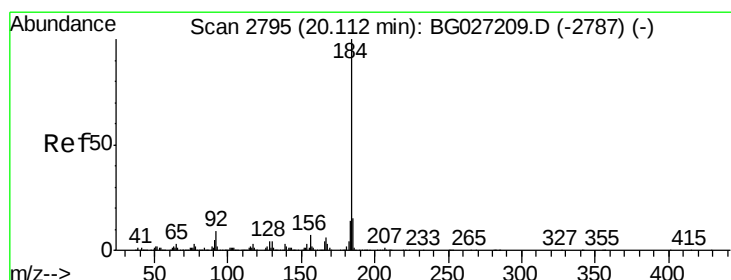
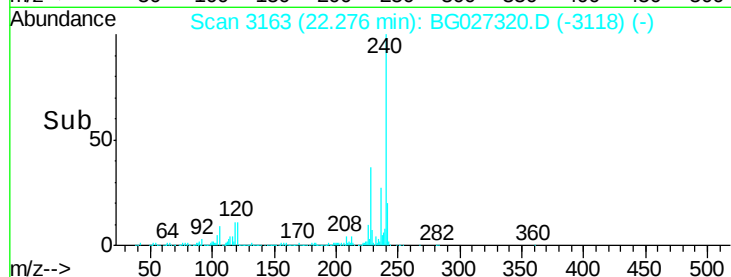
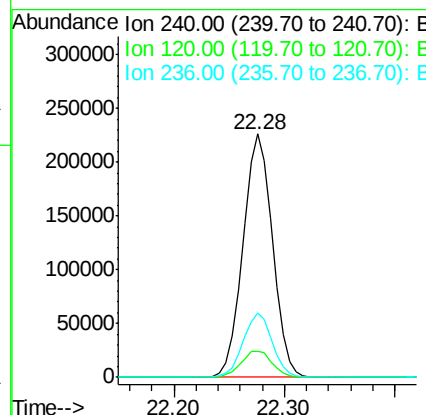
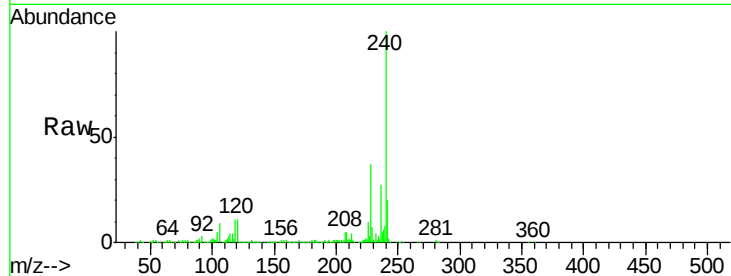
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.28 min Scan# 3163
Delta R.T. -0.03 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.7	8.5#
236	26.7	22.2	33.4

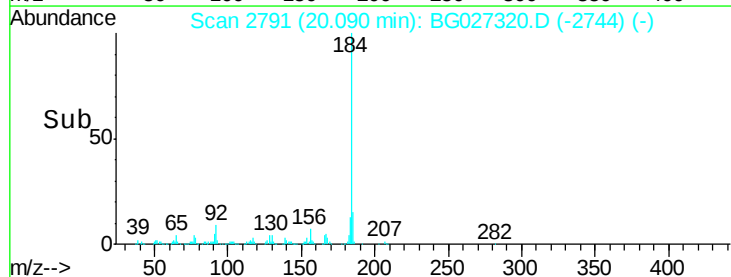
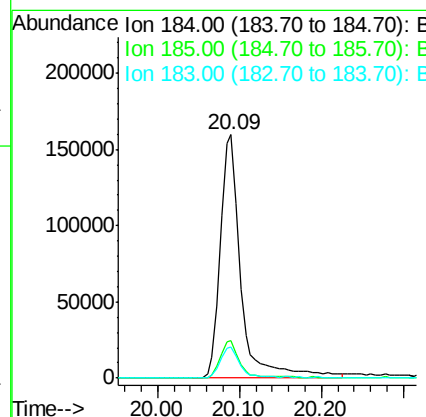
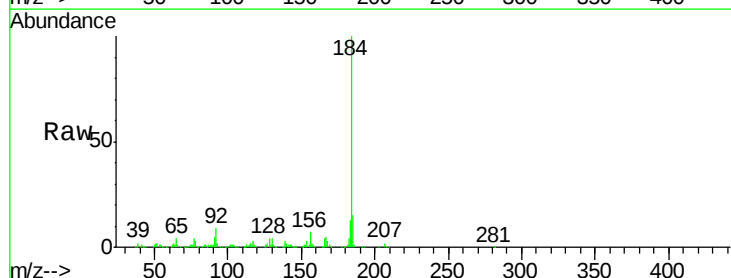
Manual Integrations
APPROVED

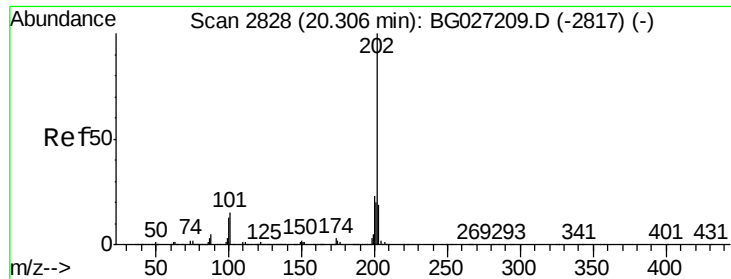
mohammad
6/9/2017 12:20:41 PM



#76
Benzidine
Concen: 22.139 ng
RT: 20.09 min Scan# 2791
Delta R.T. -0.02 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.0	19.6
183	13.0	11.0	16.6





#77

Pyrene

Concen: 33.989 ng

RT: 20.28 min Scan# 2824

Delta R.T. -0.02 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Instrument :

BNA_G

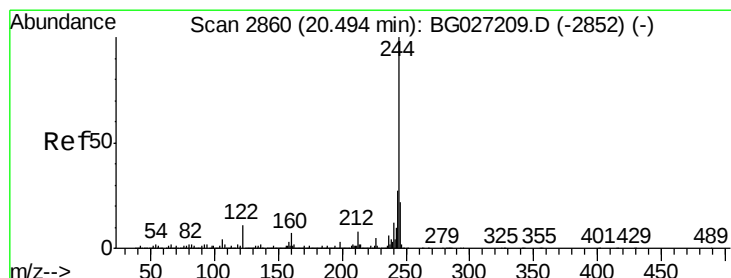
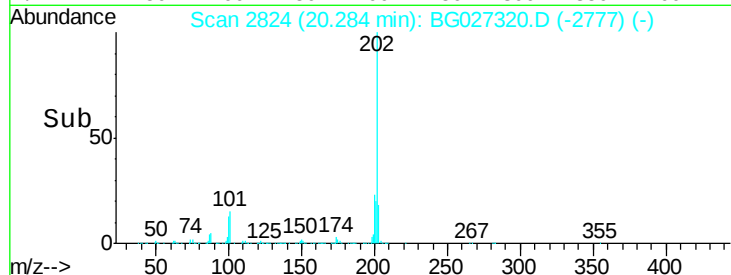
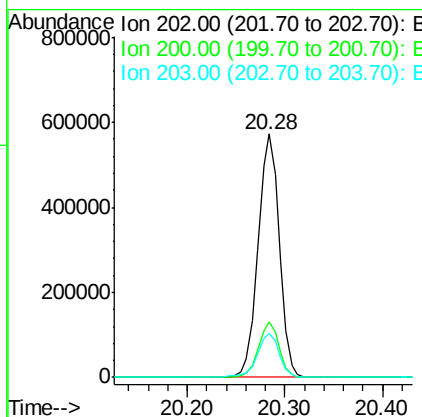
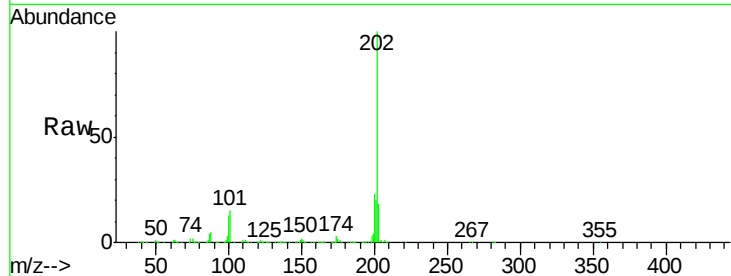
ClientSampleId :

PB99585BS

Tgt Ion:	202	Resp:	871073
Ion Ratio	Lower	Upper	
202	100		
200	22.8	19.6	29.4
203	18.2	15.8	23.8

Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM



#78

Terphenyl-d14

Concen: 75.709 ng

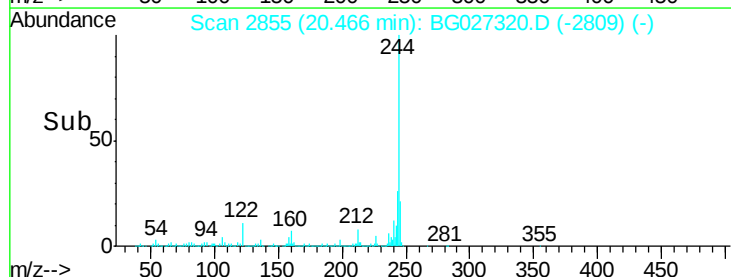
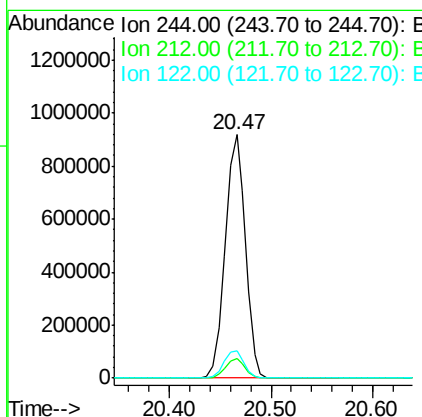
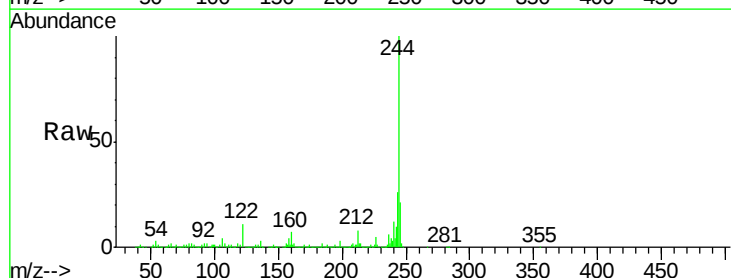
RT: 20.47 min Scan# 2855

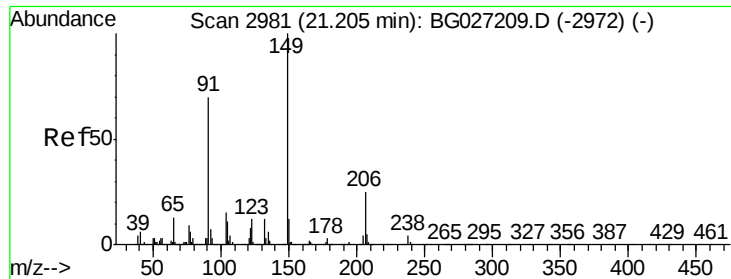
Delta R.T. -0.03 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Tgt Ion:	244	Resp:	1258823
Ion Ratio	Lower	Upper	
244	100		
212	7.8	10.0	15.0#
122	11.3	8.6	12.8





#79

Butylbenzylphthalate

Concen: 39.430 ng

RT: 21.17 min Scan# 2974

Delta R.T. -0.04 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Instrument :

BNA_G

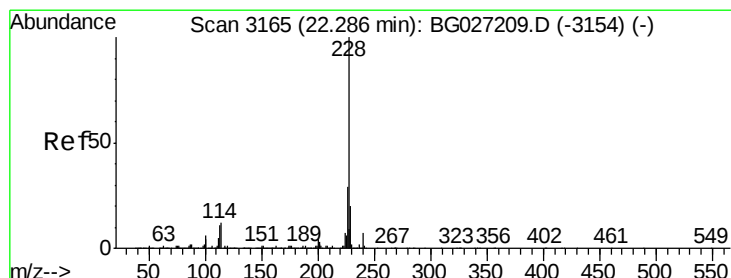
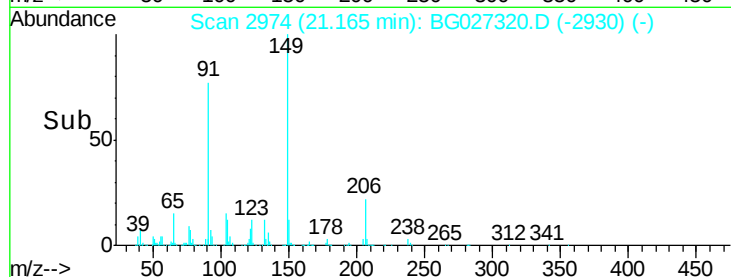
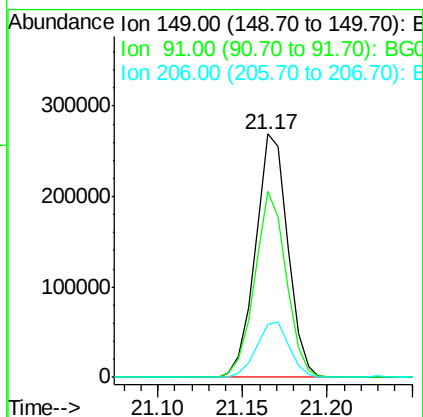
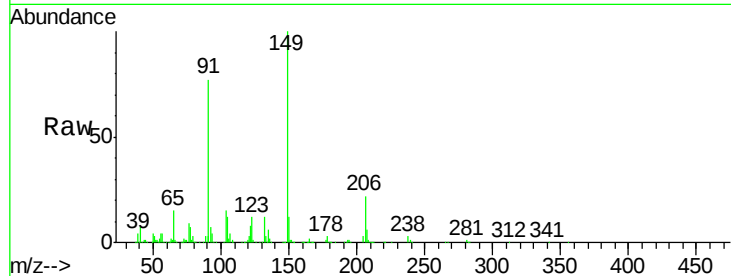
ClientSampleId :

PB99585BS

Tgt	Ion:149	Resp:	357063
Ion	Ratio	Lower	Upper
149	100		
91	76.6	63.5	95.3
206	21.9	21.0	31.6

Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM



#80

Benzo(a)anthracene

Concen: 35.262 ng

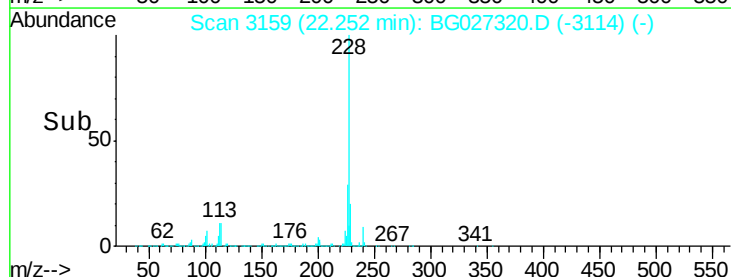
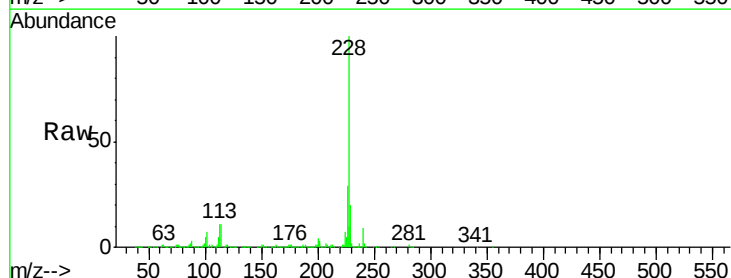
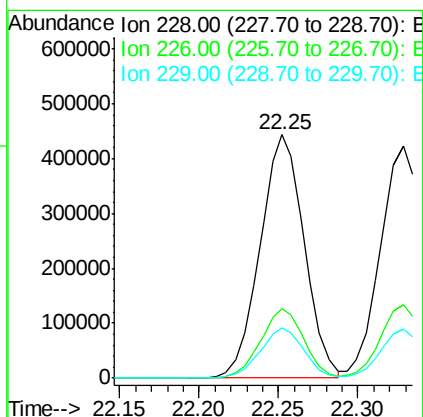
RT: 22.25 min Scan# 3159

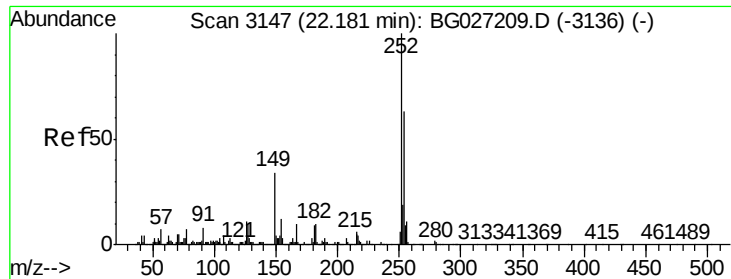
Delta R.T. -0.03 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Tgt	Ion:228	Resp:	852940
Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.9	37.3
229	20.5	18.2	27.2





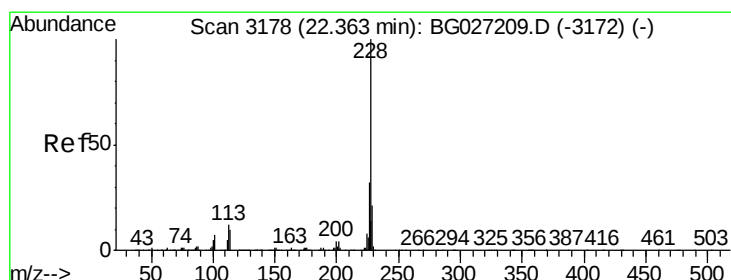
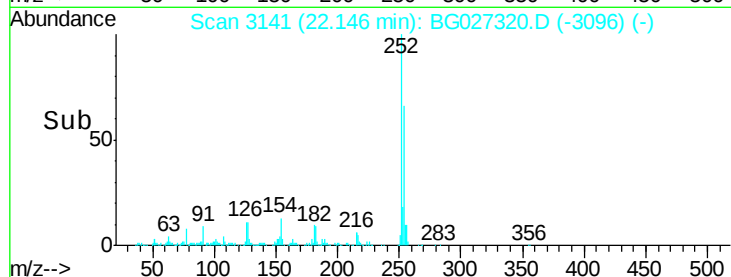
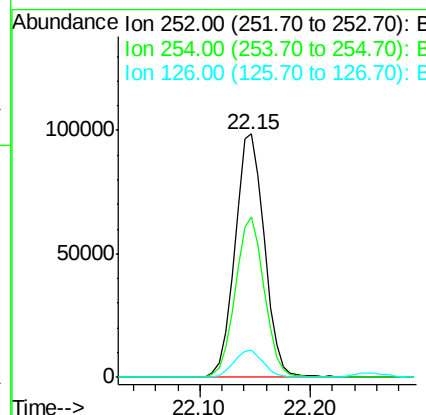
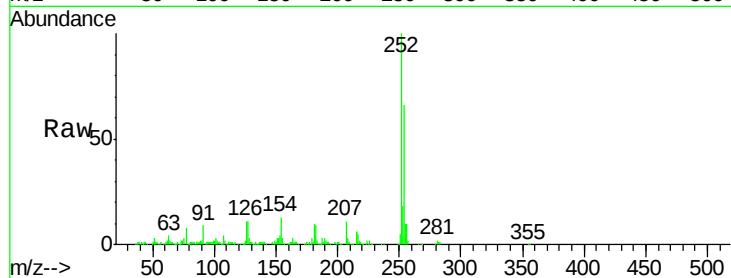
#81
 3,3'-Dichlorobenzidine
 Concen: 19.611 ng
 RT: 22.15 min Scan# 3141
 Delta R.T. -0.03 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB99585BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.0	53.1	79.7
126	11.4	7.0	10.4

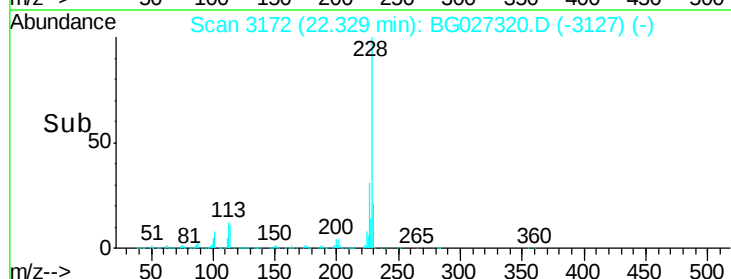
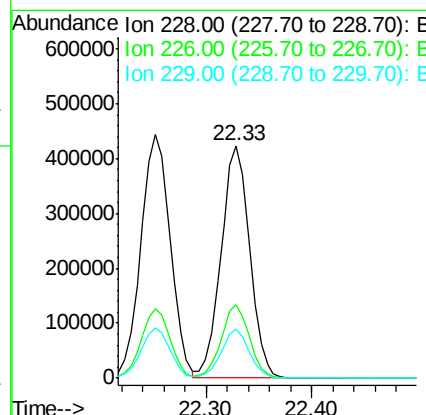
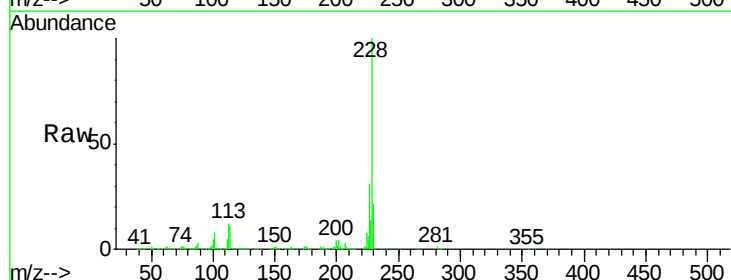
Manual Integrations
 APPROVED

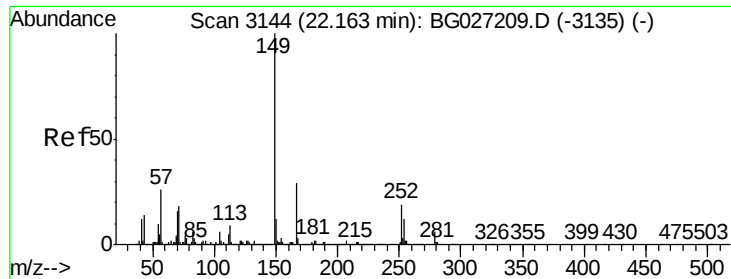
mohammad
 6/9/2017 12:20:41 PM



#82
 Chrysene
 Concen: 34.246 ng
 RT: 22.33 min Scan# 3172
 Delta R.T. -0.03 min
 Lab File: BG027320.D
 Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.5	27.0	40.4
229	21.1	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.571 ng

RT: 22.11 min Scan# 3135

Delta R.T. -0.05 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Instrument :

BNA_G

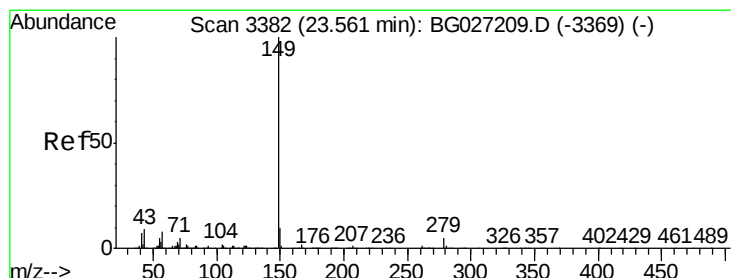
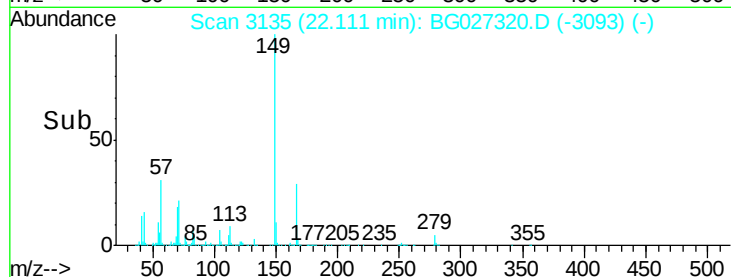
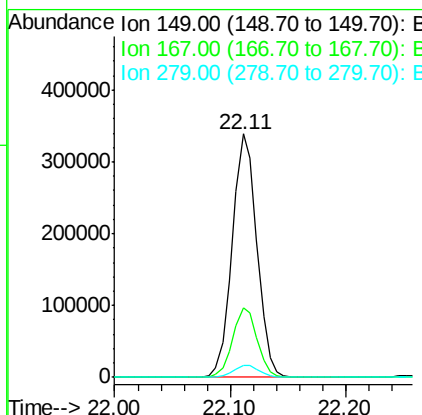
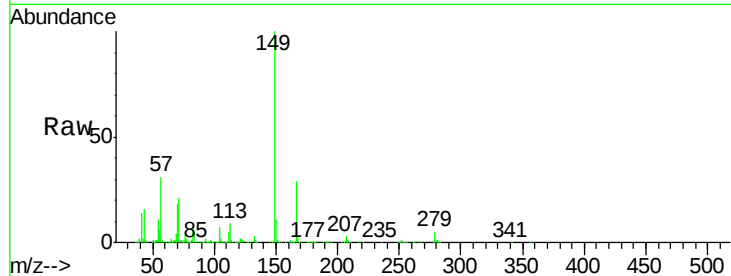
ClientSampleId :

PB99585BS

Tgt Ion:	149	Resp:	500468
Ion Ratio	Lower	Upper	
149	100		
167	28.6	23.7	35.5
279	4.9	4.6	6.8

Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM



#84

Di-n-octyl phthalate

Concen: 38.440 ng

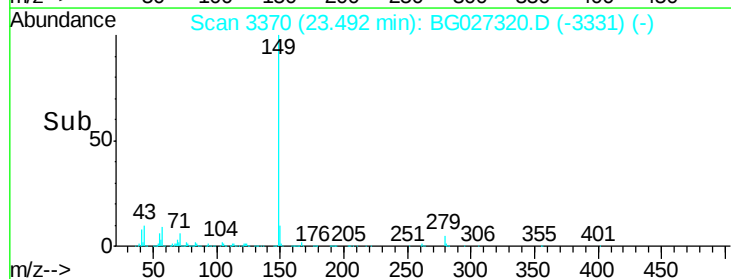
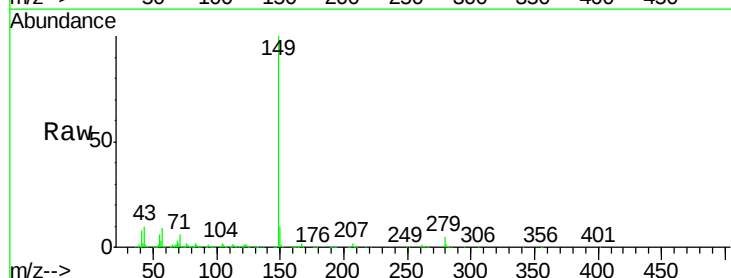
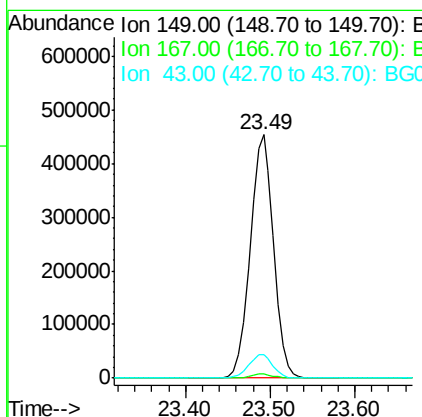
RT: 23.49 min Scan# 3370

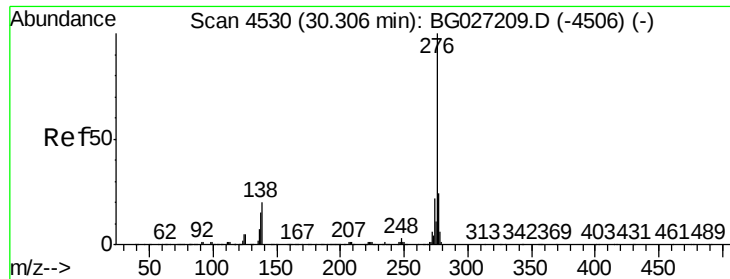
Delta R.T. -0.07 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Tgt Ion:	149	Resp:	871243
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.2
43	10.0	11.8	17.6#





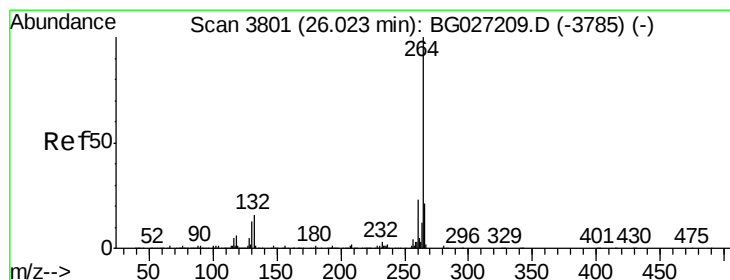
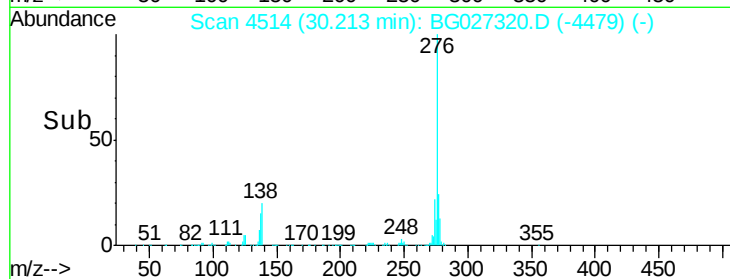
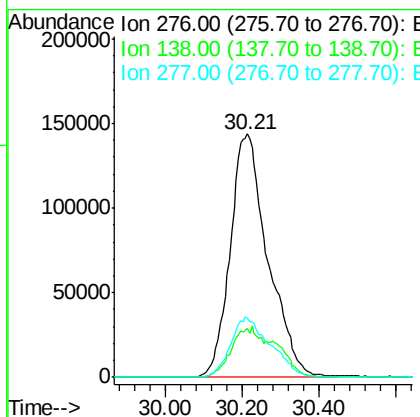
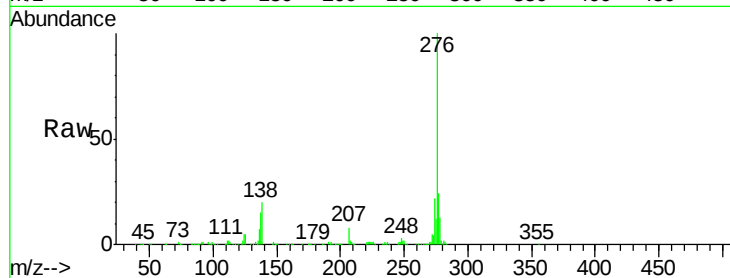
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.834 ng
RT: 30.21 min Scan# 4514
Delta R.T. -0.09 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.4	4.7	7.1#
277	26.1	20.6	31.0

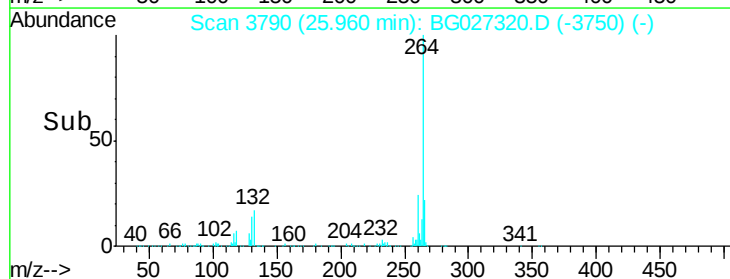
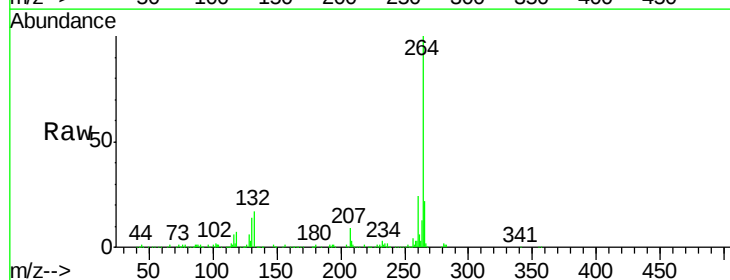
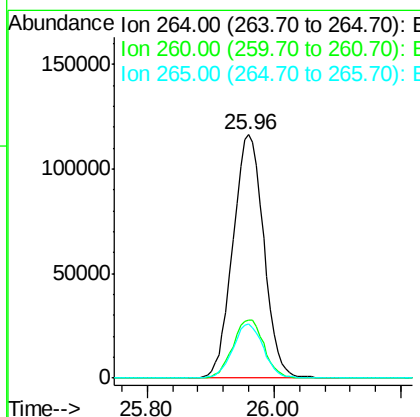
Manual Integrations
APPROVED

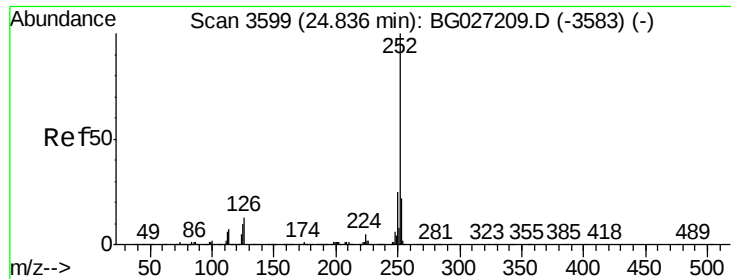
mohammad
6/9/2017 12:20:41 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.96 min Scan# 3790
Delta R.T. -0.06 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	22.5	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 35.417 ng

RT: 24.78 min Scan# 3589

Delta R.T. -0.06 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Instrument :

BNA_G

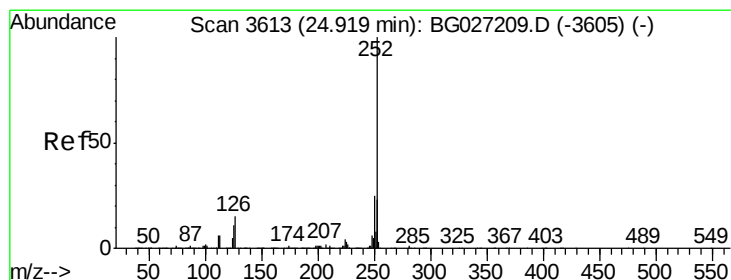
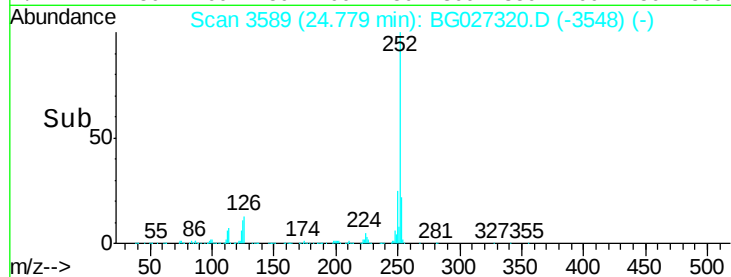
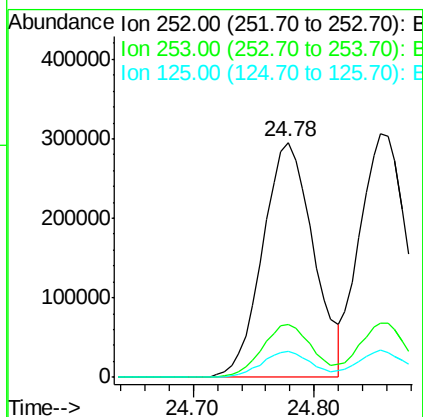
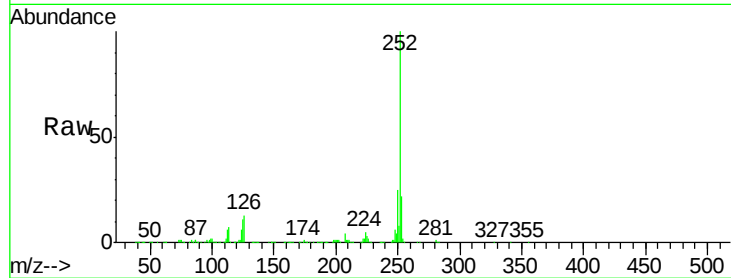
ClientSampleId :

PB99585BS

Tgt Ion:	252	Resp:	859094
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.7	28.1
125	10.9	5.3	7.9#

Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM



#88

Benzo(k)fluoranthene

Concen: 34.883 ng

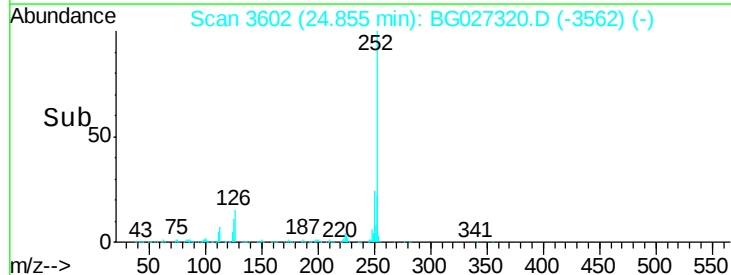
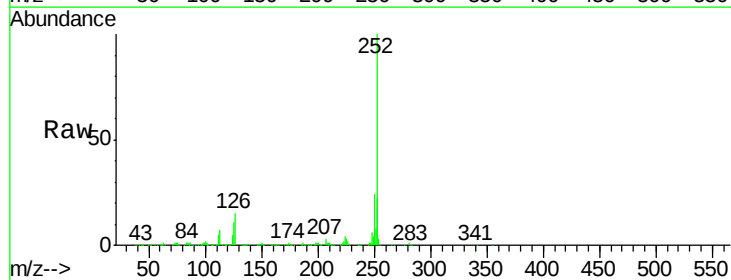
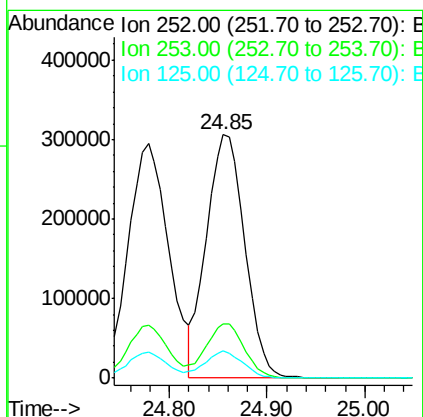
RT: 24.85 min Scan# 3602

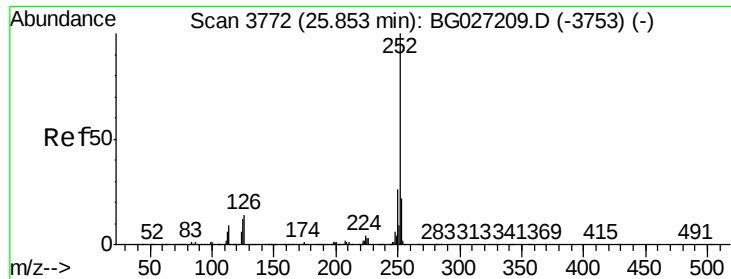
Delta R.T. -0.06 min

Lab File: BG027320.D

Acq: 8 Jun 2017 17:02

Tgt Ion:	252	Resp:	830112
Ion Ratio	Lower	Upper	
252	100		
253	22.4	20.2	30.2
125	11.0	5.1	7.7#





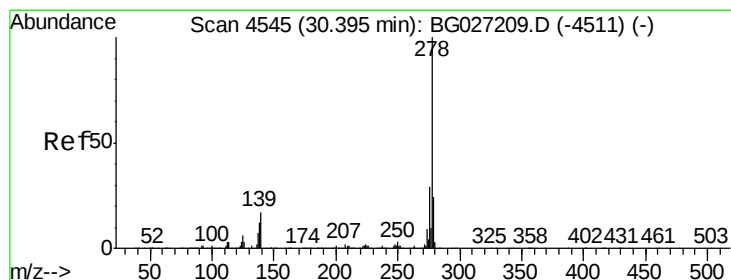
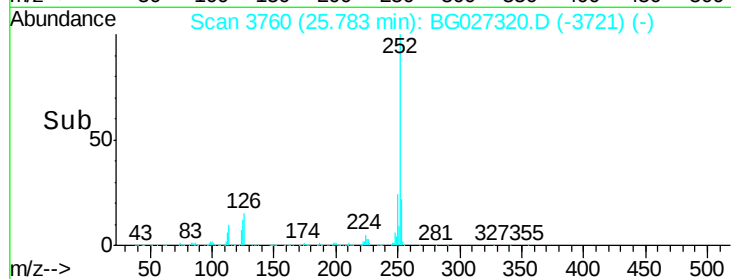
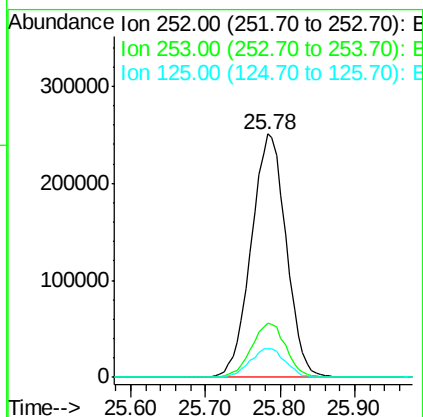
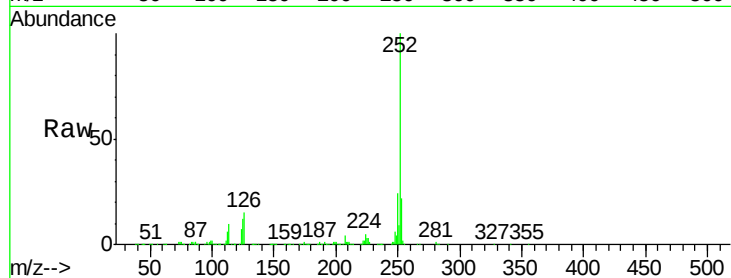
#89
Benzo(a)pyrene
Concen: 35.679 ng
RT: 25.78 min Scan# 3760
Delta R.T. -0.07 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	12.0	5.4	8.0

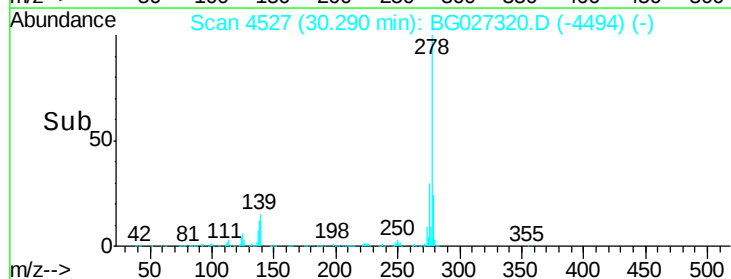
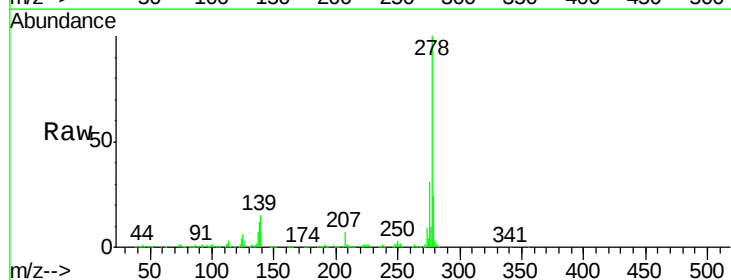
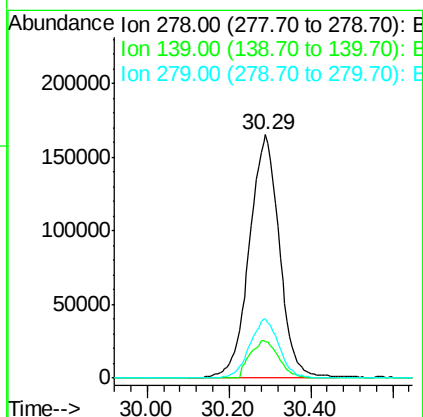
Manual Integrations
APPROVED

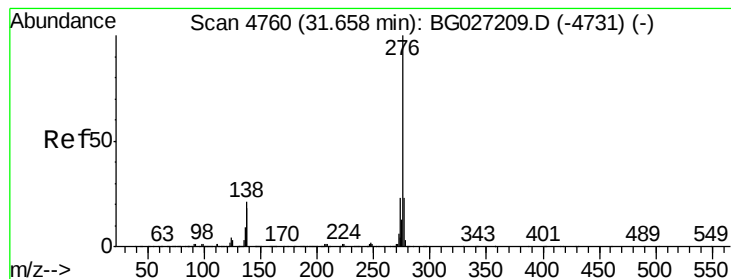
mohammad
6/9/2017 12:20:41 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.372 ng
RT: 30.29 min Scan# 4527
Delta R.T. -0.10 min
Lab File: BG027320.D
Acq: 8 Jun 2017 17:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	7.7	11.5
279	24.5	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 34.338 ng

RT: 31.55 min Scan# 4741

Delta R.T. -0.11 min

Lab File: BG027320.D

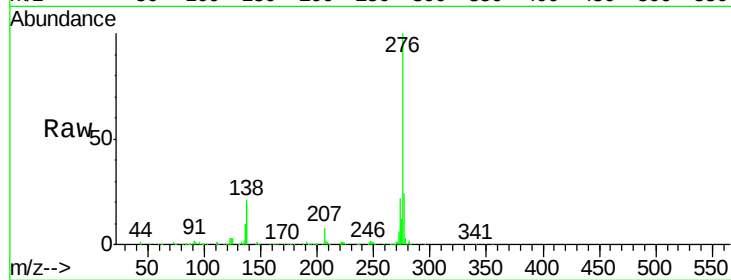
Acq: 8 Jun 2017 17:02

Instrument :

BNA_G

ClientSampleId :

PB99585BS



Tgt	Ion	276	Resp:	794893
	Ratio	100	Lower	Upper
	276	100		
	277	23.5	18.6	27.8
	138	20.5	8.1	12.1#

Manual Integrations
APPROVED

mohammad
6/9/2017 12:20:41 PM

