

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
 Data File : BG027580.D
 Acq On : 22 Jun 2017 4:28
 Operator : SJ/JU
 Sample : PB99928BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99928BS

Manual Integrations
 APPROVED

mohammad
 6/22/2017 6:04:29 PM

Quant Time: Jun 22 07:57:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	21409	20.00	ng	0.00
21) Naphthalene-d8	11.33	136	106834	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	71580	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	193479	20.00	ng	0.00
75) Chrysene-d12	22.21	240	223359	20.00	ng	0.00
86) Perylene-d12	25.84	264	205920	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.09	112	227639	151.33	ng	0.00
7) Phenol-d6	7.65	99	329185	147.82	ng	0.00
23) Nitrobenzene-d5	9.67	82	206339	91.39	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	167528	156.99	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	482641	92.10	ng	0.00
78) Terphenyl-d14	20.42	244	903176	95.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.09	88	21048	36.039	ng	93
3) Pyridine	4.47	79	67557	35.732	ng	# 84
4) n-Nitrosodimethylamine	4.38	42	38308	44.397	ng	# 73
6) Aniline	7.83	93	100472	36.969	ng	96
8) 2-Chlorophenol	8.07	128	80403	50.515	ng	95
9) Benzaldehyde	7.65	77	23643	15.625	ng	93
10) Phenol	7.67	94	119414	52.638	ng	89
11) bis(2-Chloroethyl)ether	7.91	93	74500	41.957	ng	92
12) 1,3-Dichlorobenzene	8.39	146	72499	43.149	ng	97
13) 1,4-Dichlorobenzene	8.54	146	74840	44.120	ng	98
14) 1,2-Dichlorobenzene	8.86	146	72714	43.623	ng	96
15) Benzyl Alcohol	8.73	79	93298	52.473	ng	97
16) 2,2'-oxybis(1-Chloropropan	9.01	45	118541	40.237	ng	90
17) 2-Methylphenol	8.92	107	77202	48.362	ng	96
18) Hexachloroethane	9.59	117	29507	44.358	ng	# 82
19) n-Nitroso-di-n-propylamine	9.29	70	76490	43.243	ng	# 85
20) 3+4-Methylphenols	9.25	107	108325	49.562	ng	93
22) Acetophenone	9.32	105	132882	45.356	ng	# 88
24) Nitrobenzene	9.71	77	107466	43.424	ng	93
25) Isophorone	10.23	82	211334	45.559	ng	# 97
26) 2-Nitrophenol	10.43	139	42675	46.620	ng	93
27) 2,4-Dimethylphenol	10.46	122	91010	52.646	ng	98
28) bis(2-Chloroethoxy)methane	10.70	93	116082	44.400	ng	99
29) 2,4-Dichlorophenol	10.96	162	81994	54.913	ng	96
30) 1,2,4-Trichlorobenzene	11.18	180	77826	45.589	ng	97
31) Naphthalene	11.37	128	255390	44.228	ng	99
32) Benzoic acid	10.59	122	61194	49.416	ng	95
33) 4-Chloroaniline	11.47	127	45792	18.699	ng	94
34) Hexachlorobutadiene	11.65	225	46668	45.236	ng	95
35) Caprolactam	12.25	113	38161m	54.835	ng	
36) 4-Chloro-3-methylphenol	12.55	107	125190	54.669	ng	99
37) 2-Methylnaphthalene	12.94	142	201009	47.900	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	101323	45.139	ng	96
40) Hexachlorocyclopentadiene	13.28	237	128739	107.001	ng	95

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
 Data File : BG027580.D
 Acq On : 22 Jun 2017 4:28
 Operator : SJ/JU
 Sample : PB99928BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99928BS

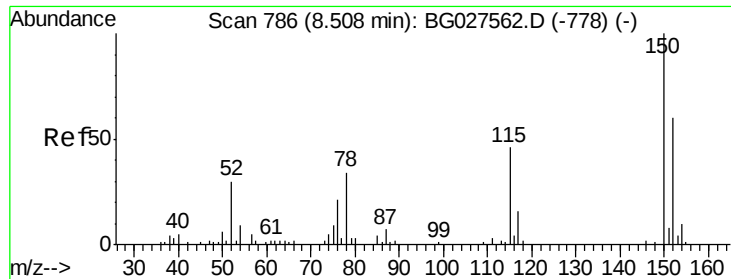
Manual Integrations
 APPROVED

mohammad
 6/22/2017 6:04:29 PM

Quant Time: Jun 22 07:57:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	76097	52.463	ng	97
43) 2,4,5-Trichlorophenol	13.61	196	84137	49.363	ng #	95
45) 1,1'-Biphenyl	13.92	154	271184	45.436	ng	97
46) 2-Chloronaphthalene	13.98	162	203308	45.800	ng	94
47) 2-Nitroaniline	14.17	65	96739	48.544	ng	96
48) Acenaphthylene	14.82	152	345518	44.419	ng	97
49) Dimethylphthalate	14.53	163	305896	48.807	ng	98
50) 2,6-Dinitrotoluene	14.66	165	68234	50.174	ng	91
51) Acenaphthene	15.16	154	230144	42.464	ng	99
52) 3-Nitroaniline	14.99	138	45210	31.494	ng	98
53) 2,4-Dinitrophenol	15.19	184	88591	115.254	ng #	90
54) Dibenzofuran	15.49	168	349467	49.505	ng	99
55) 4-Nitrophenol	15.28	139	125230	104.197	ng #	80
56) 2,4-Dinitrotoluene	15.44	165	102063	52.926	ng #	98
57) Fluorene	16.13	166	311468	46.588	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.71	232	87197	58.096	ng	91
59) Diethylphthalate	15.88	149	346145	50.615	ng	95
60) 4-Chlorophenyl-phenylether	16.11	204	156755	47.647	ng	93
61) 4-Nitroaniline	16.16	138	78063	49.566	ng	86
62) Azobenzene	16.41	77	360330	51.384	ng	92
64) 4,6-Dinitro-2-methylphenol	16.20	198	60681	49.388	ng	82
65) n-Nitrosodiphenylamine	16.33	169	280613	47.312	ng	97
66) 4-Bromophenyl-phenylether	17.01	248	103014	48.411	ng #	91
67) Hexachlorobenzene	17.14	284	107317	47.193	ng	95
68) Atrazine	17.27	200	107226	49.349	ng	97
69) Pentachlorophenol	17.48	266	142981	101.222	ng	95
70) Phenanthrene	17.88	178	523545	47.566	ng	95
71) Anthracene	17.98	178	530213	47.845	ng	97
72) Carbazole	18.24	167	464812	43.053	ng	97
73) Di-n-butylphthalate	18.76	149	596654	49.324	ng #	94
74) Fluoranthene	19.87	202	607370	47.364	ng	95
76) Benzidine	20.05	184	111231	20.290	ng	97
77) Pyrene	20.24	202	628020	46.254	ng	95
79) Butylbenzylphthalate	21.11	149	280246	49.452	ng	98
80) Benzo(a)anthracene	22.19	228	618070	46.120	ng	94
81) 3,3'-Dichlorobenzidine	22.08	252	166863	34.438	ng #	94
82) Chrysene	22.27	228	573675	45.177	ng	95
83) Bis(2-ethylhexyl)phthalate	22.04	149	403432	48.568	ng #	97
84) Di-n-octyl phthalate	23.39	149	682756	49.415	ng #	91
85) Indeno(1,2,3-cd)pyrene	30.04	276	702256	48.528	ng #	93
87) Benzo(b)fluoranthene	24.68	252	631679	47.979	ng #	98
88) Benzo(k)fluoranthene	24.76	252	593698	46.091	ng #	94
89) Benzo(a)pyrene	25.67	252	590507	47.525	ng #	94
90) Dibenzo(a,h)anthracene	30.11	278	599417	47.363	ng #	95
91) Benzo(g,h,i)perylene	31.36	276	575255	46.795	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.51 min Scan# 786

Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Instrument :

BNA_G

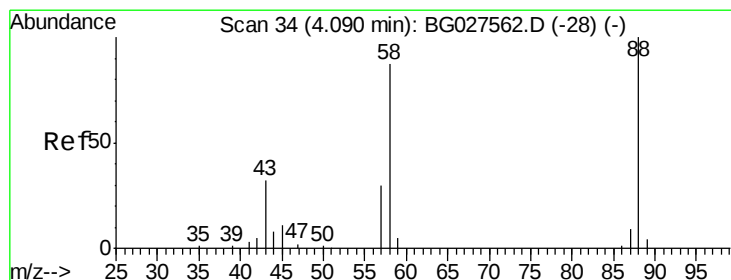
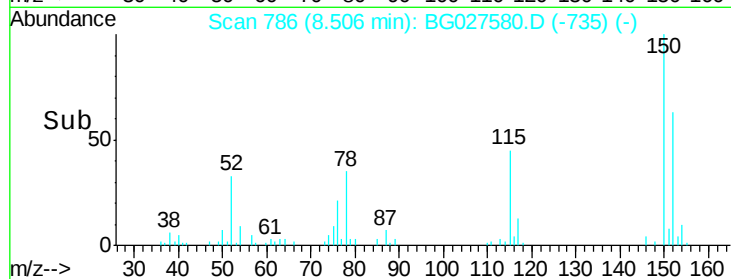
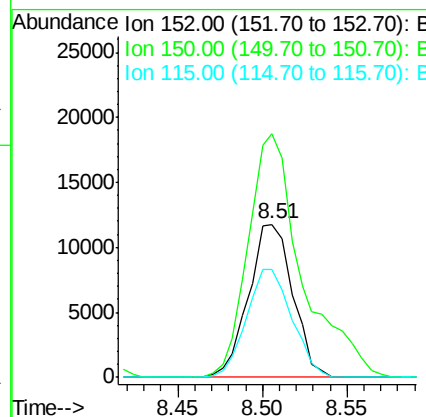
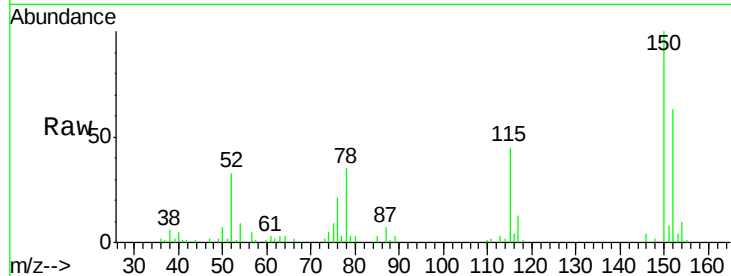
ClientSampled :

PB99928BS

Tgt Ion:	152	Resp:	21409
Ion Ratio	Lower	Upper	
152	100		
150	159.3	114.0	171.0
115	70.9	48.1	72.1

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM



#2

1,4-Dioxane

Concen: 36.039 ng

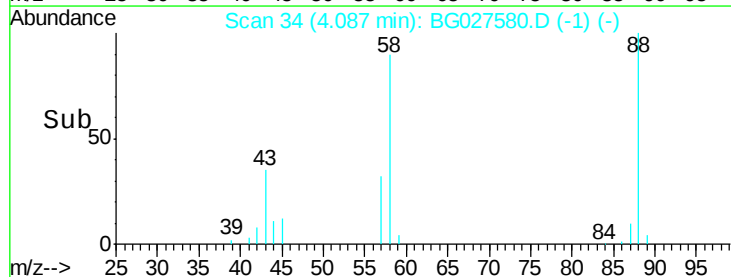
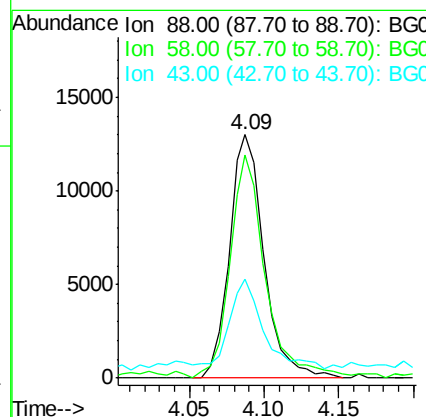
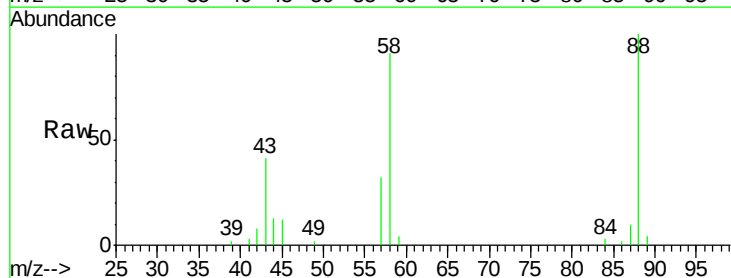
RT: 4.09 min Scan# 34

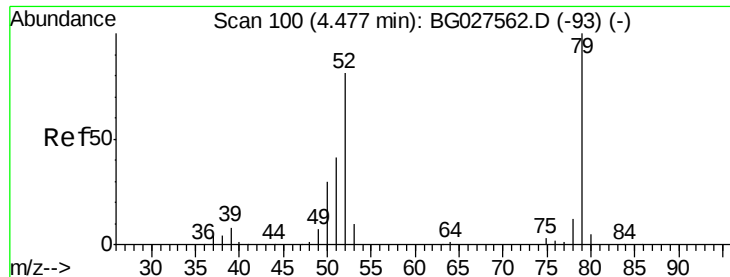
Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Tgt Ion:	88	Resp:	21048
Ion Ratio	Lower	Upper	
88	100		
58	93.4	79.4	119.2
43	36.4	33.8	50.6





#3

Pyridine

Concen: 35.732 ng

RT: 4.47 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Instrument :

BNA_G

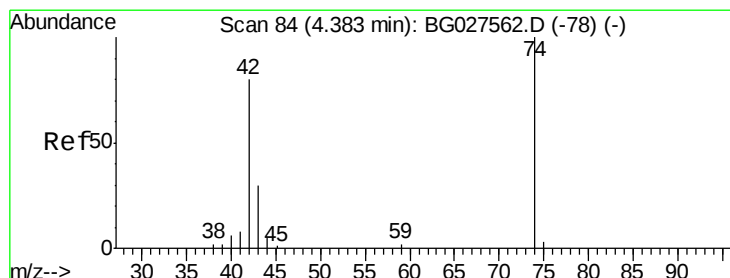
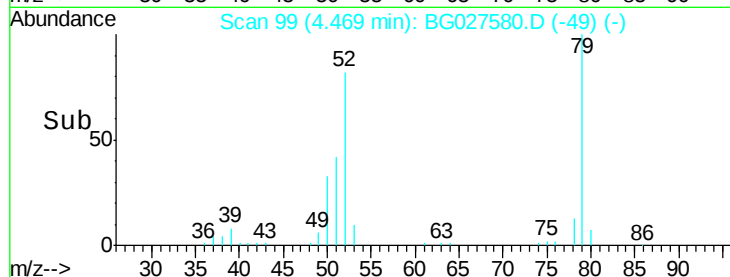
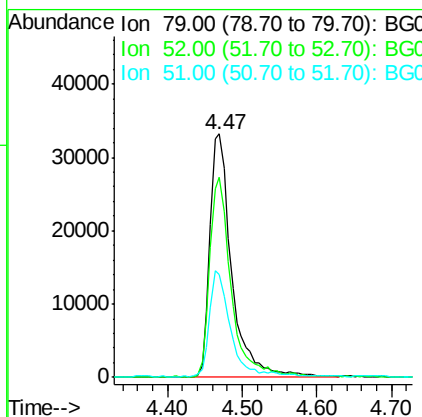
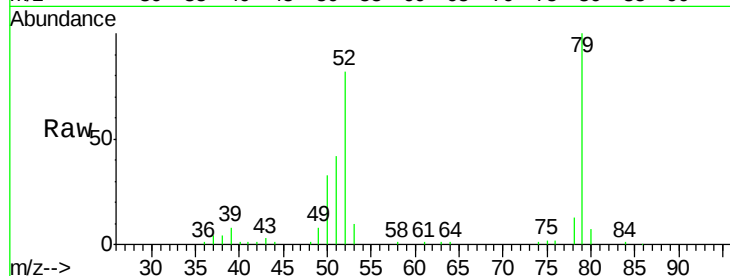
ClientSampleId :

PB99928BS

Tgt Ion:	79	Resp:	67557
Ion	Ratio	Lower	Upper
79	100		
52	82.3	77.8	116.6
51	42.0	43.2	64.8

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM



#4

n-Nitrosodimethylamine

Concen: 44.397 ng

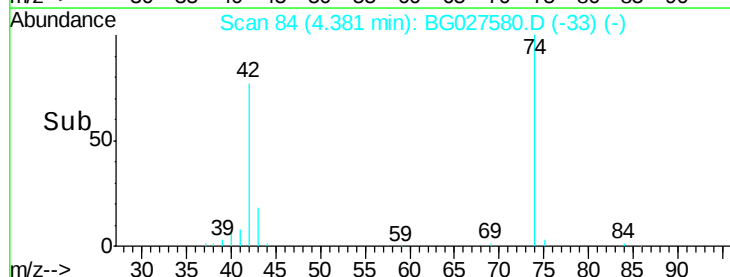
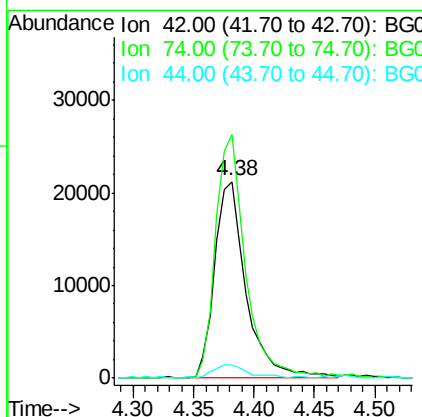
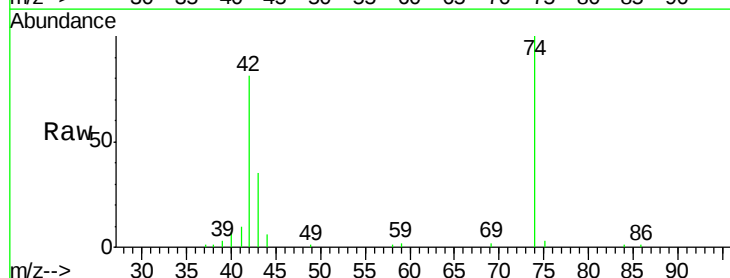
RT: 4.38 min Scan# 84

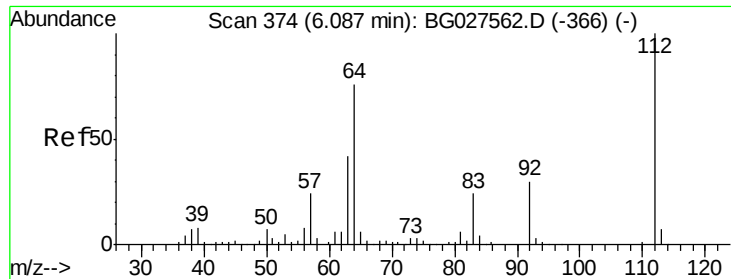
Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Tgt Ion:	42	Resp:	38308
Ion	Ratio	Lower	Upper
42	100		
74	123.8	76.7	115.1
44	6.9	6.1	9.1





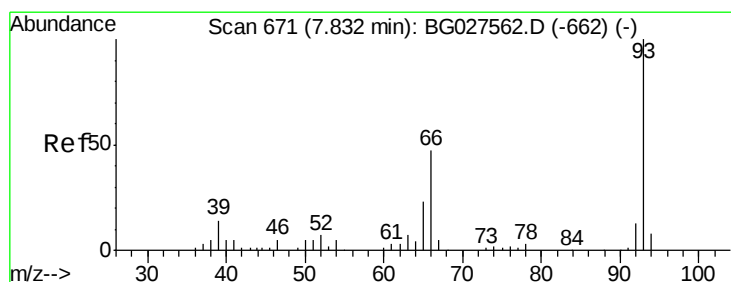
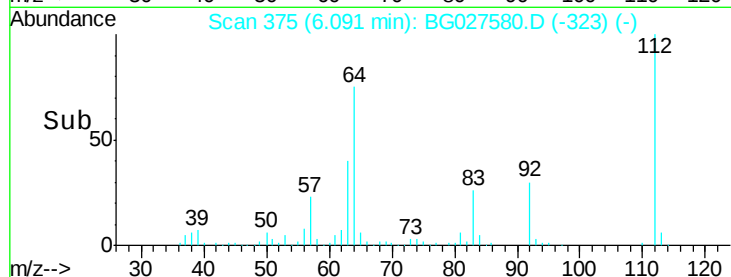
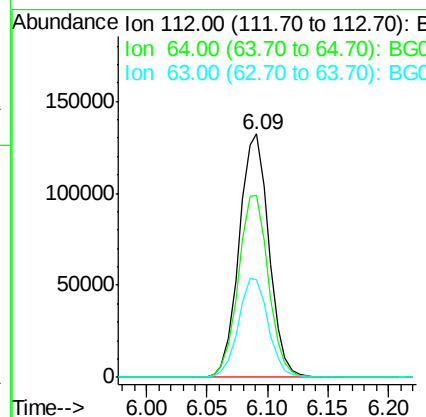
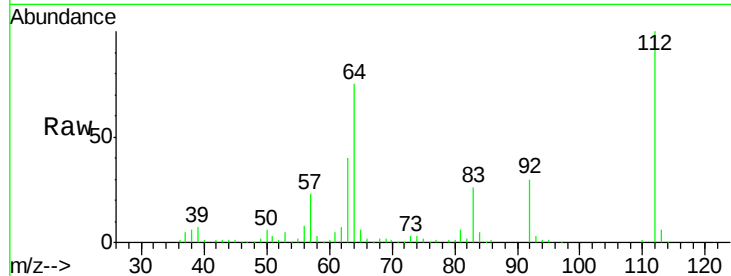
#5
 2-Fluorophenol
 Concen: 151.329 ng
 RT: 6.09 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99928BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	75.0	61.8	92.6
63	40.0	37.2	55.8

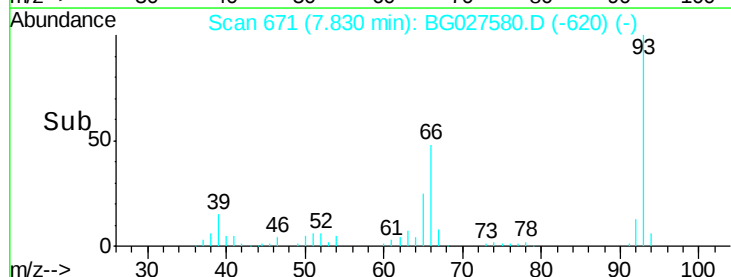
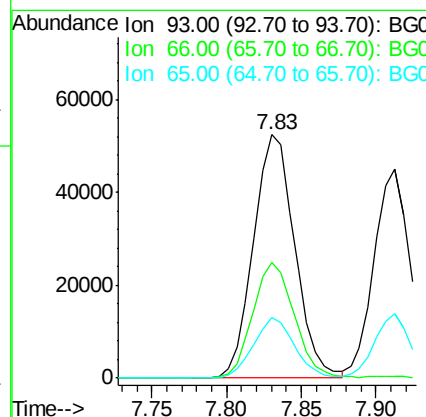
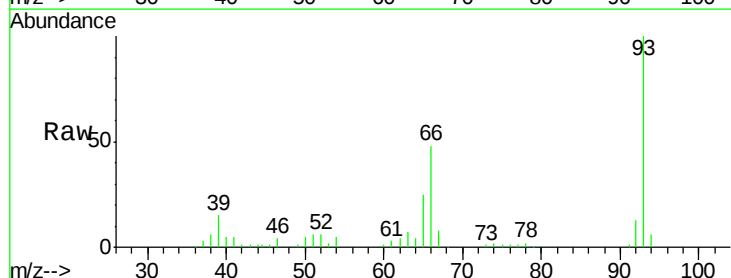
Manual Integrations
 APPROVED

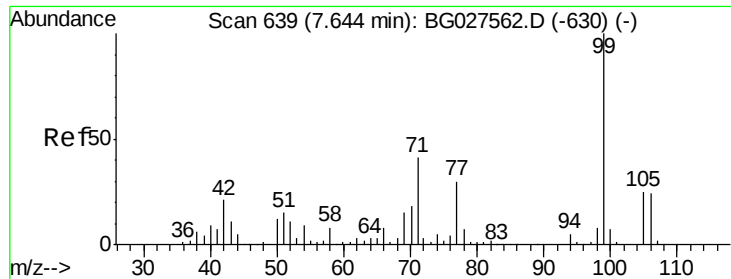
mohammad
 6/22/2017 6:04:29 PM



#6
 Aniline
 Concen: 36.969 ng
 RT: 7.83 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	47.6	35.4	53.2
65	24.7	21.2	31.8





#7

Phenol-d6

Concen: 147.821 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB99928BS

Tgt Ion: 99 Resp: 329185

Ion Ratio Lower Upper

99 100

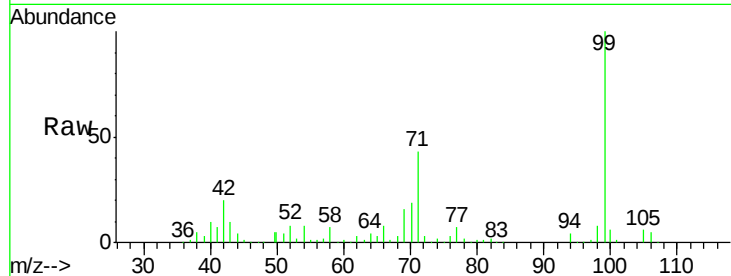
42 19.7 20.5 30.7#

71 42.5 37.6 56.4

Manual Integrations
APPROVED

mohammad

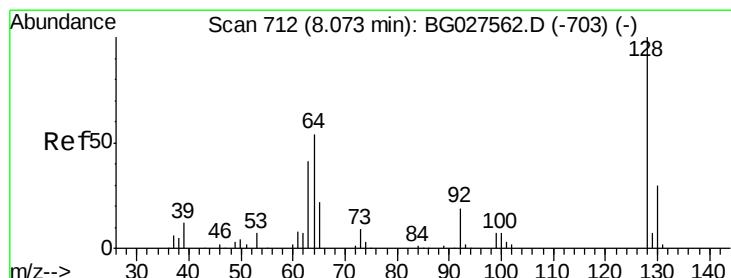
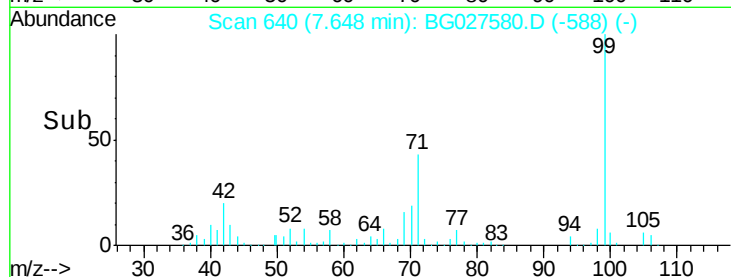
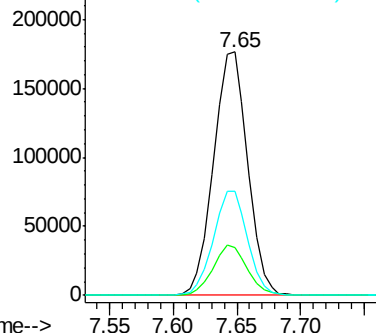
6/22/2017 6:04:29 PM



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: 50.515 ng

RT: 8.07 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

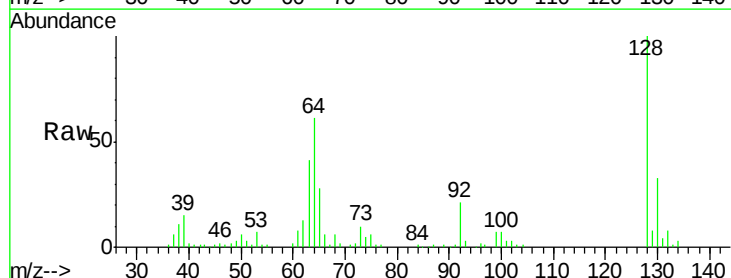
Tgt Ion: 128 Resp: 80403

Ion Ratio Lower Upper

128 100

130 32.6 11.4 51.4

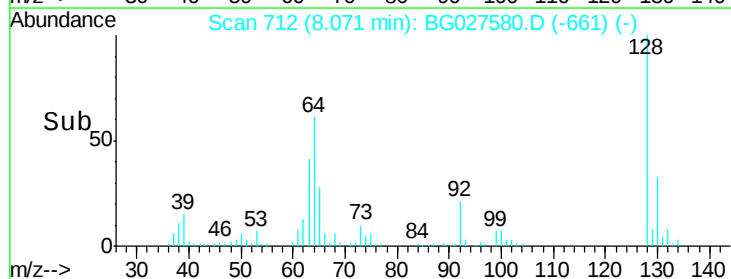
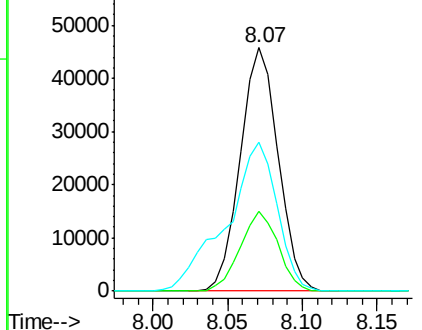
64 61.2 46.6 86.6

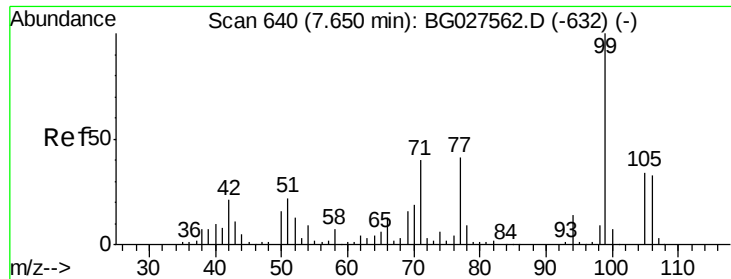


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 15.625 ng

RT: 7.65 min Scan# 640

Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Instrument :

BNA_G

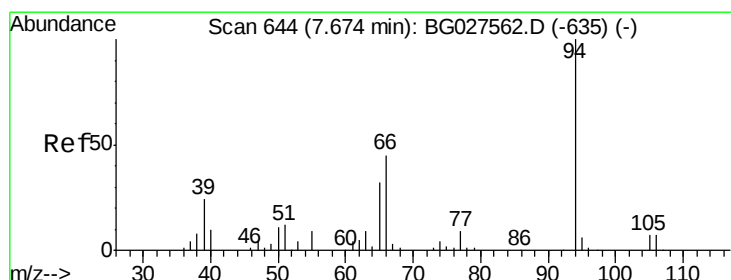
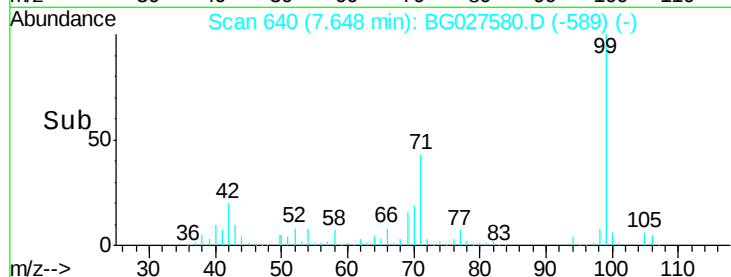
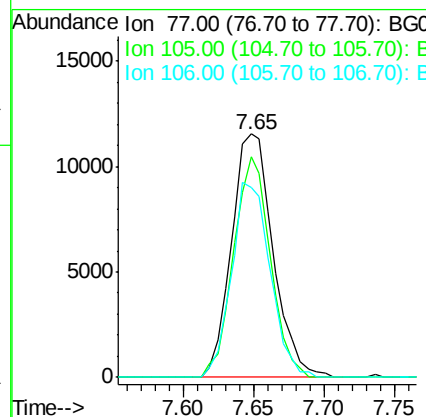
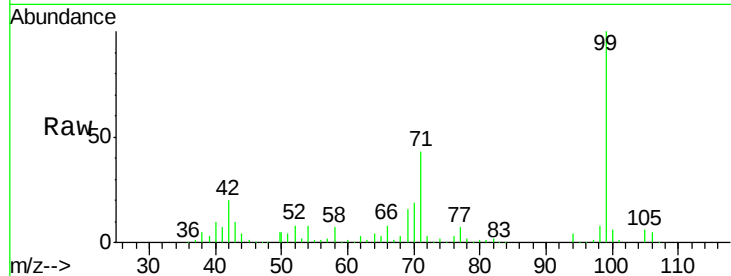
ClientSampleId :

PB99928BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	90.6	60.9	100.9
106	78.2	55.1	95.1

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM



#10

Phenol

Concen: 52.638 ng

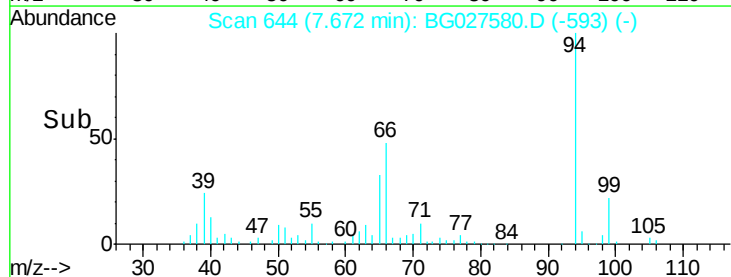
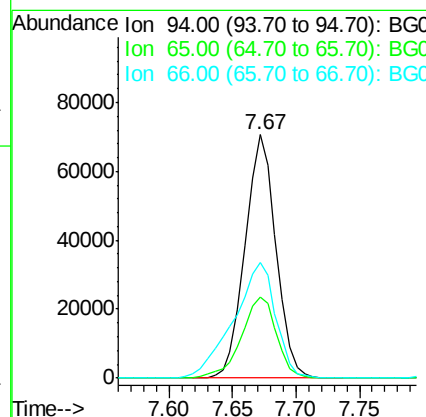
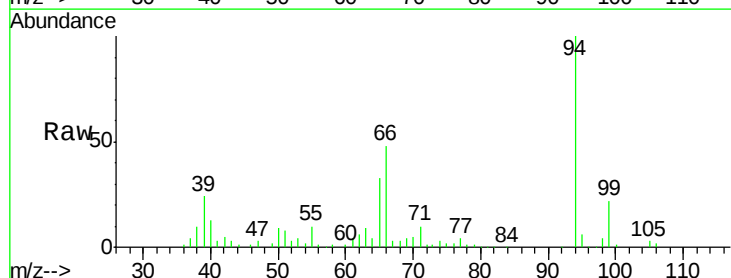
RT: 7.67 min Scan# 644

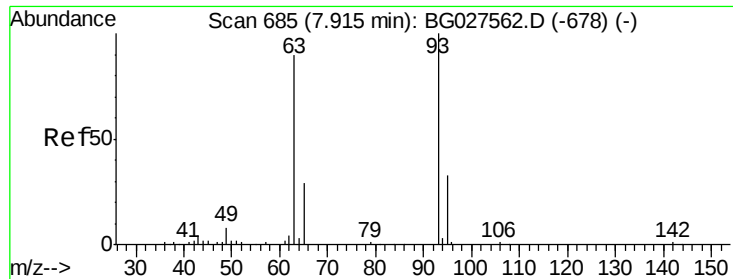
Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.1	20.6	60.6
66	47.7	35.5	75.5





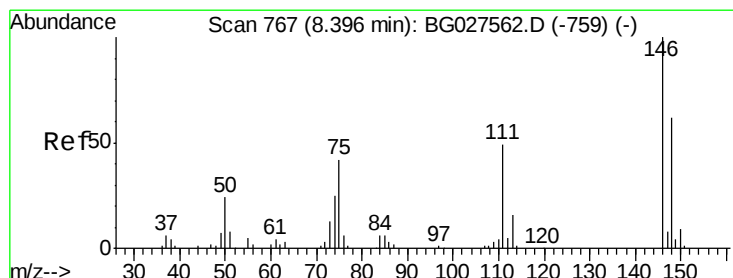
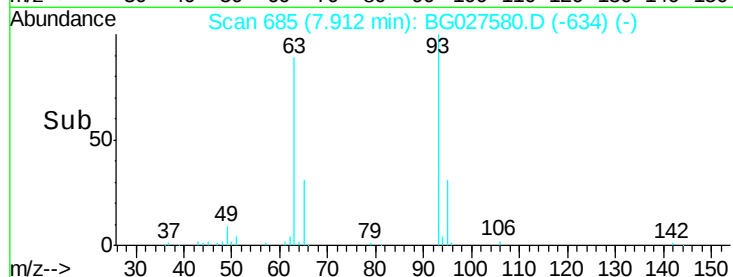
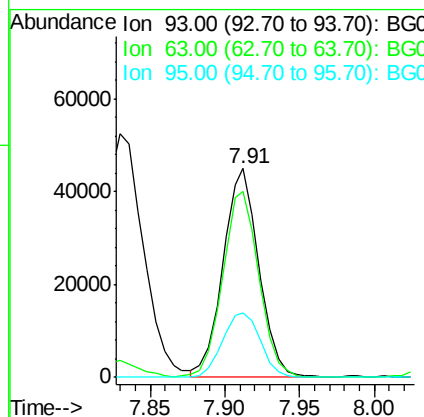
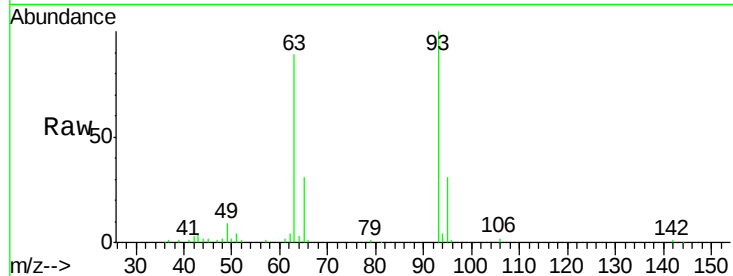
#11
bis(2-Chloroethyl)ether
Concen: 41.957 ng
RT: 7.91 min Scan# 685
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.0	78.5	118.5
95	30.7	9.8	49.8

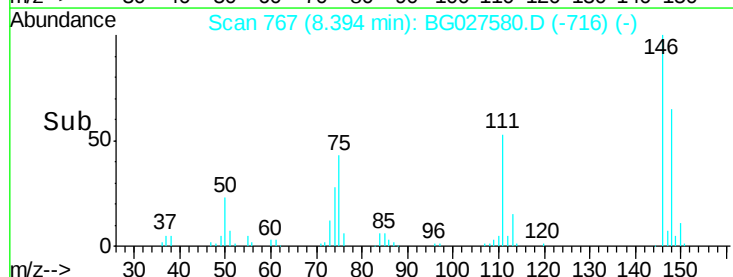
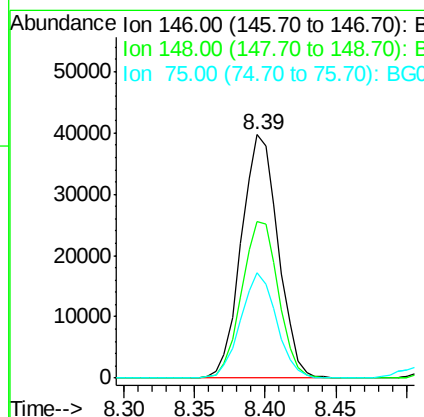
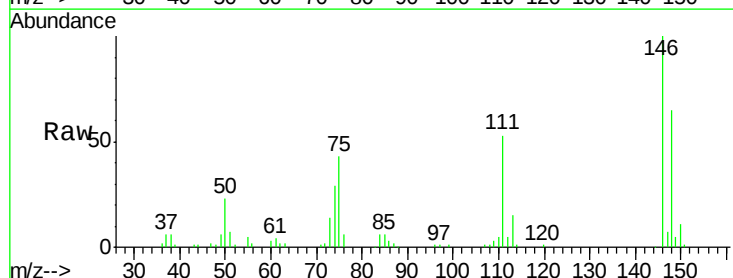
Manual Integrations
APPROVED

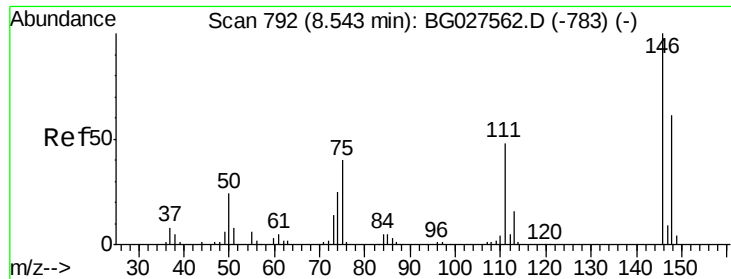
mohammad
6/22/2017 6:04:29 PM



#12
1,3-Dichlorobenzene
Concen: 43.149 ng
RT: 8.39 min Scan# 767
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.2	73.8
75	43.2	33.4	50.2





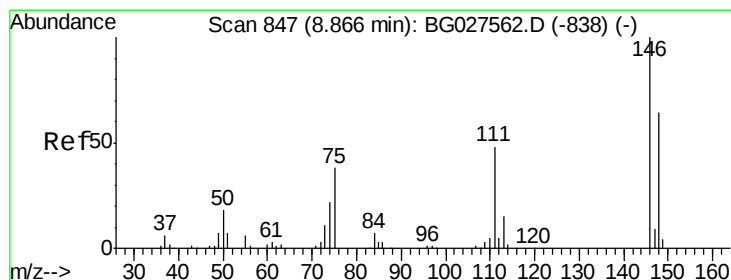
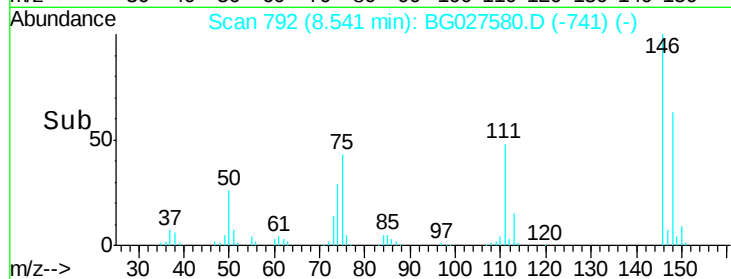
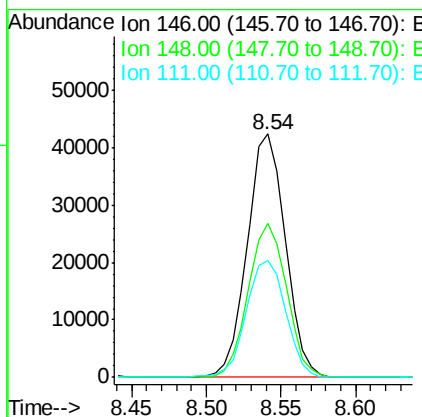
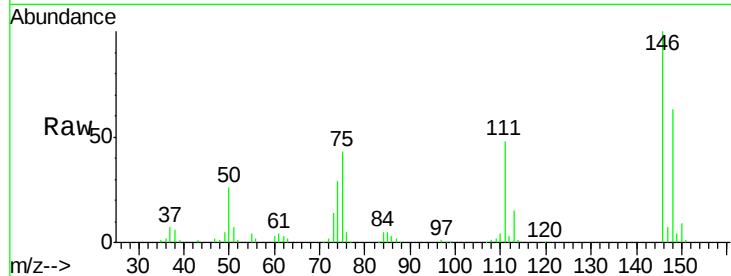
#13
 1,4-Dichlorobenzene
 Concen: 44.120 ng
 RT: 8.54 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Instrument :
 BNA_G
 ClientSampled :
 PB99928BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	47.8	37.0	55.6

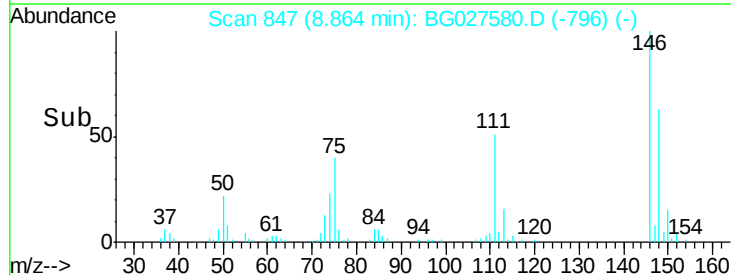
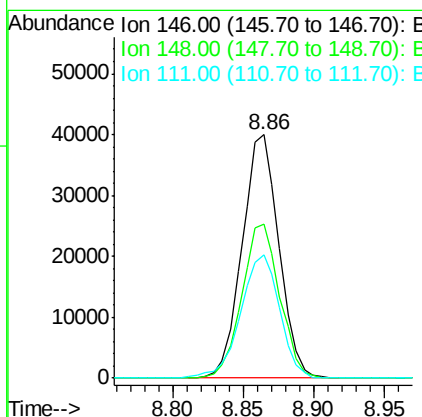
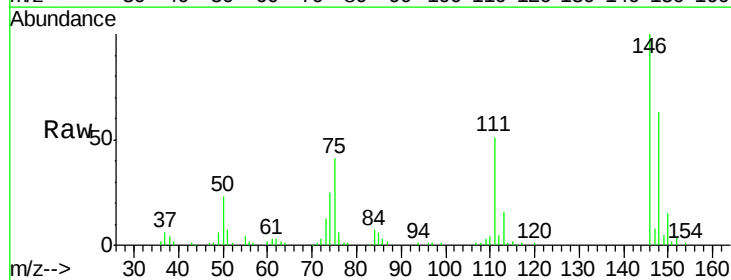
Manual Integrations
 APPROVED

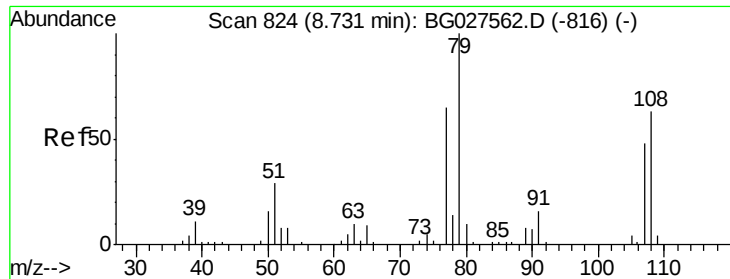
mohammad
 6/22/2017 6:04:29 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.623 ng
 RT: 8.86 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	54.6	81.8
111	50.6	39.7	59.5





#15

Benzyl Alcohol

Concen: 52.473 ng

RT: 8.73 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Instrument :

BNA_G

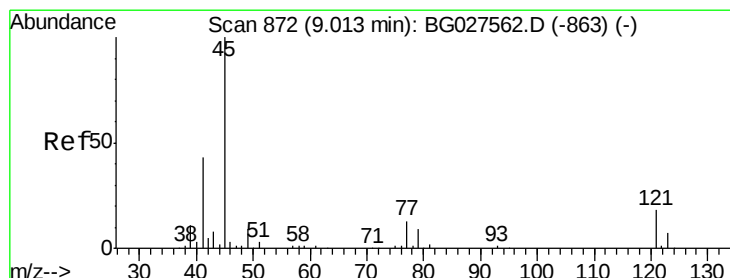
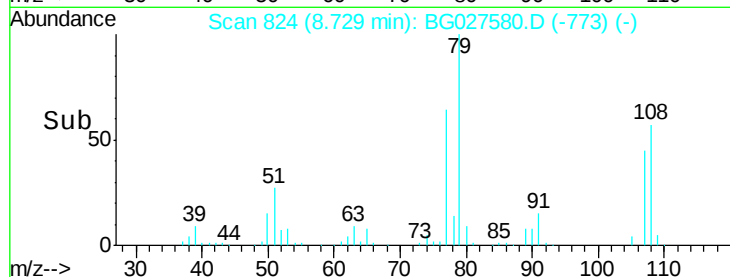
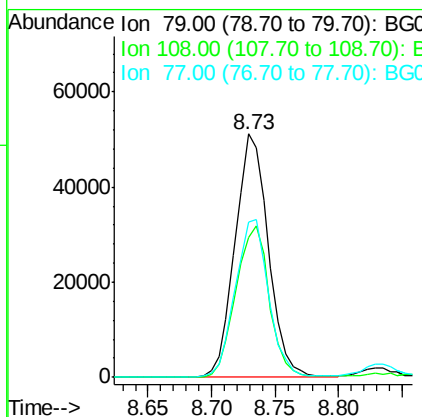
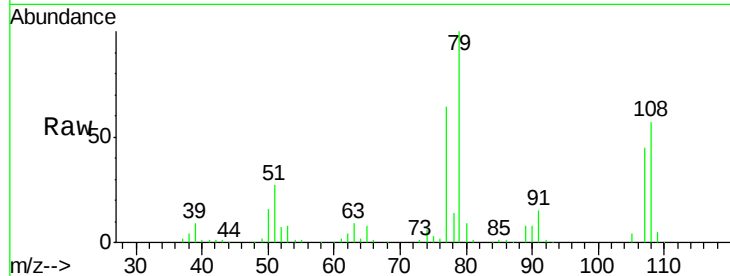
ClientSampleId :

PB99928BS

Tgt Ion:	79	Resp:	93298
Ion Ratio	Lower	Upper	
79	100		
108	57.3	45.5	68.3
77	64.0	54.3	81.5

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.237 ng

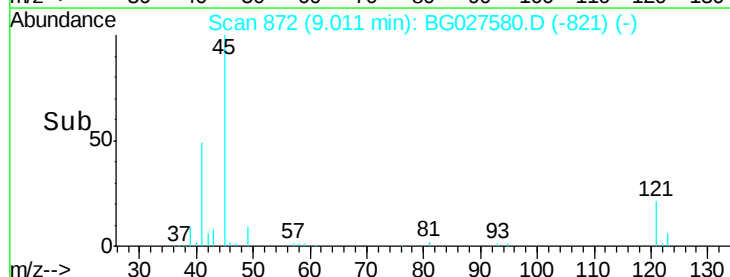
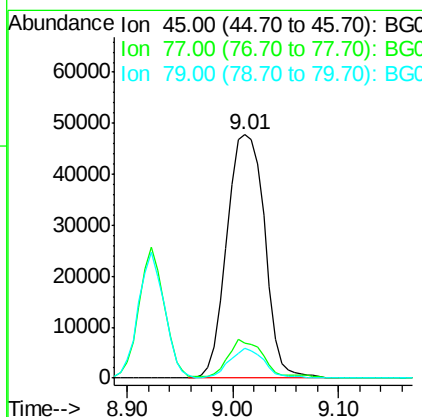
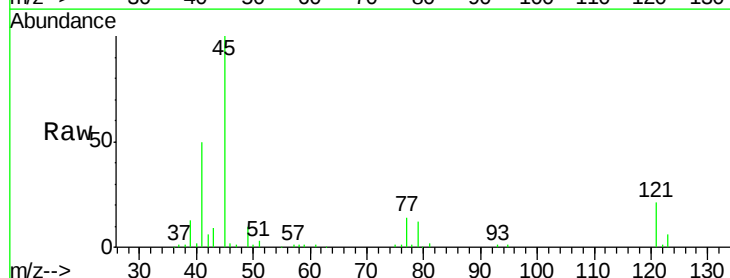
RT: 9.01 min Scan# 872

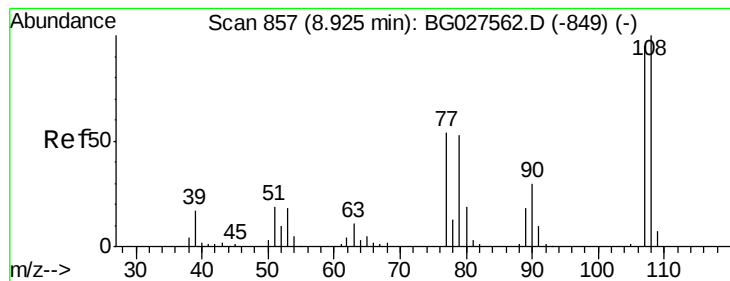
Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Tgt Ion:	45	Resp:	118541
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	30.6
79	12.3	0.0	28.5





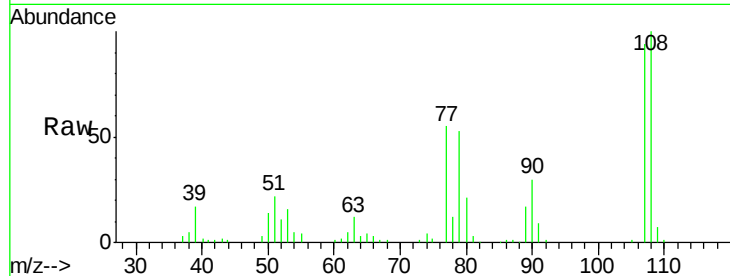
#17
2-Methylphenol
Concen: 48.362 ng
RT: 8.92 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

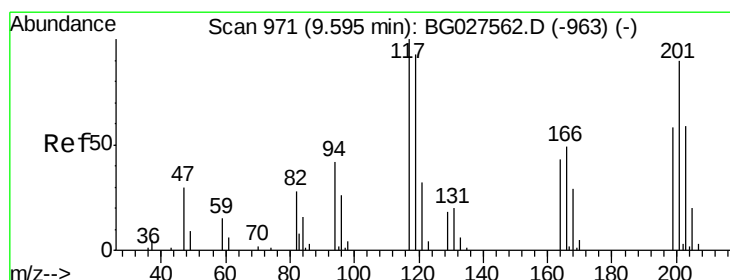
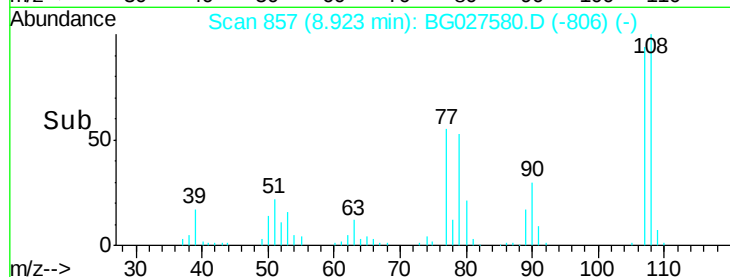
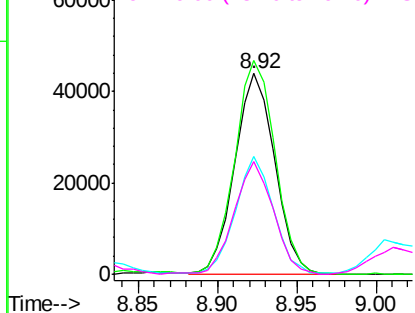
Tgt Ion:	107	Resp:	77202
Ion Ratio	Lower	Upper	
107	100		
108	106.5	85.6	128.4
77	58.5	51.4	77.2
79	56.3	49.2	73.8

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM



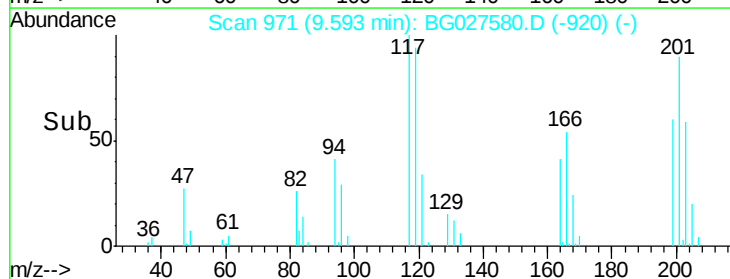
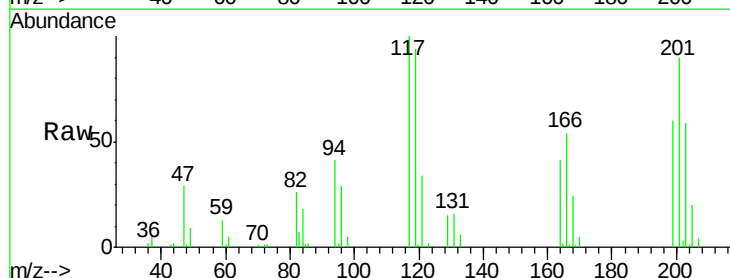
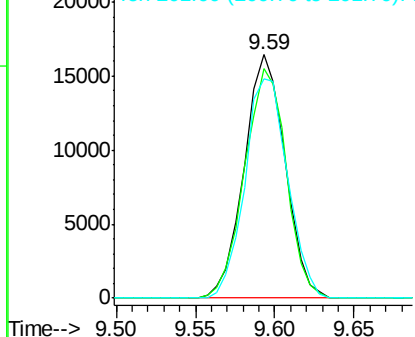
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

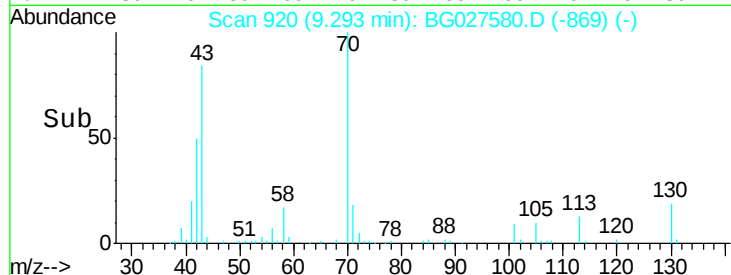
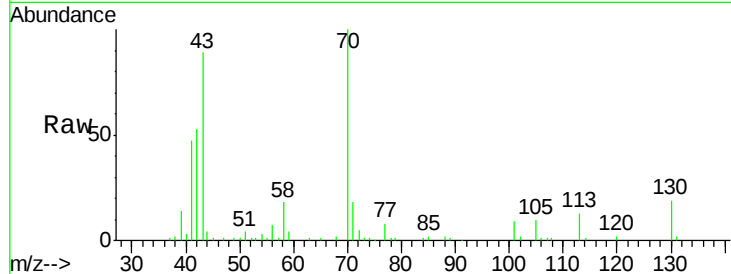
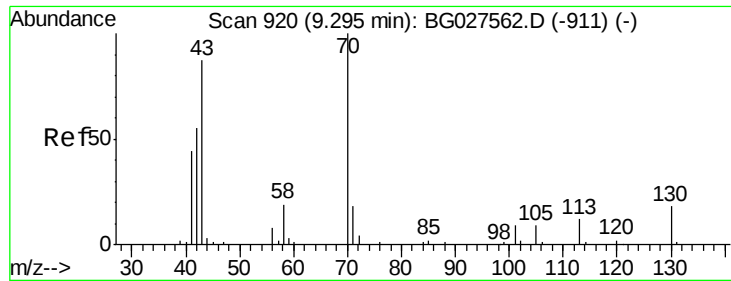


#18
Hexachloroethane
Concen: 44.358 ng
RT: 9.59 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion:	117	Resp:	29507
Ion Ratio	Lower	Upper	
117	100		
119	94.1	69.8	104.6
201	90.0	95.4	143.0#

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





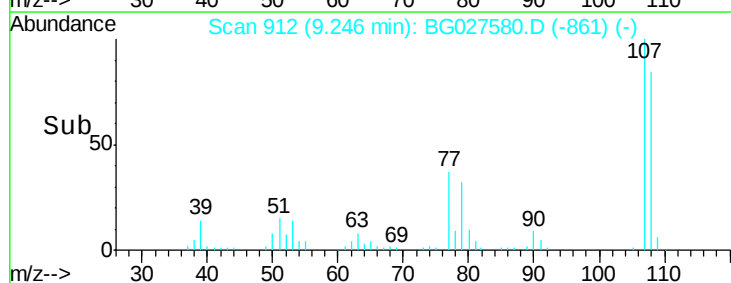
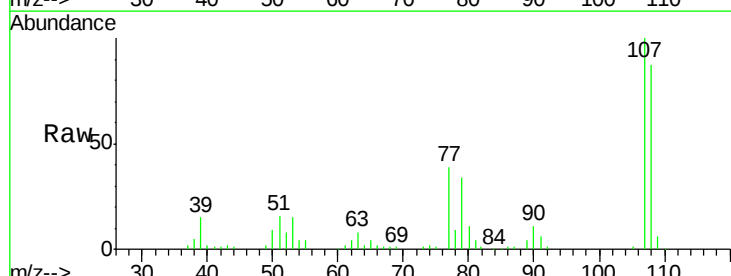
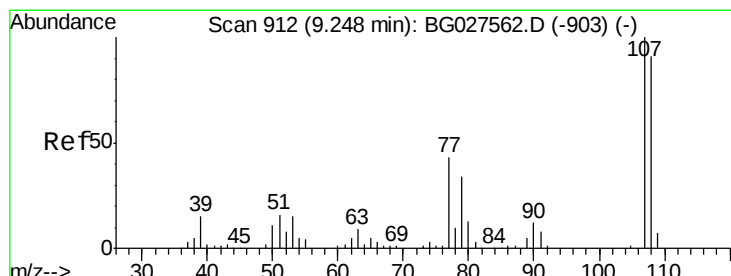
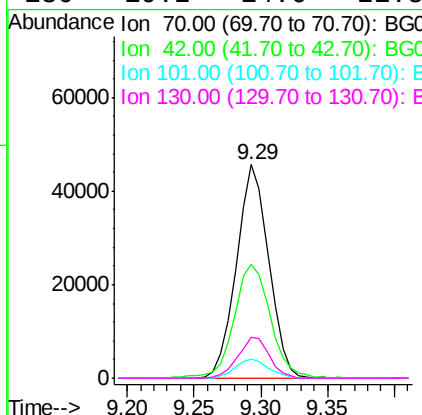
#19
n-Nitroso-di-n-propylamine
Concen: 43.243 ng
RT: 9.29 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.5	56.1	84.1#
101	8.9	7.5	11.3
130	19.2	14.6	21.8

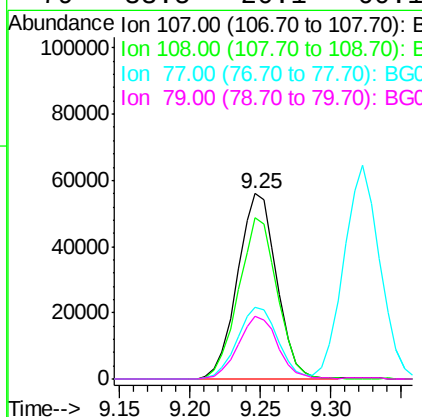
Manual Integrations
APPROVED

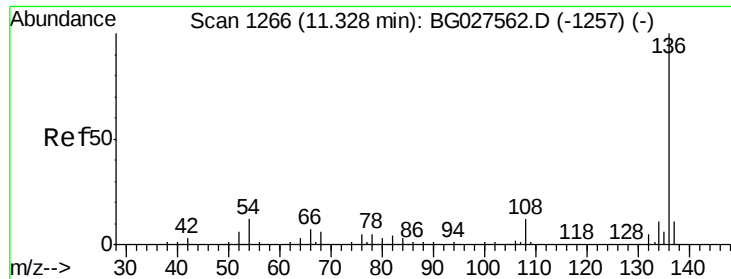
mohammad
6/22/2017 6:04:29 PM



#20
3+4-Methylphenols
Concen: 49.562 ng
RT: 9.25 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	70.8	110.8
77	38.8	25.8	65.8
79	33.5	20.1	60.1





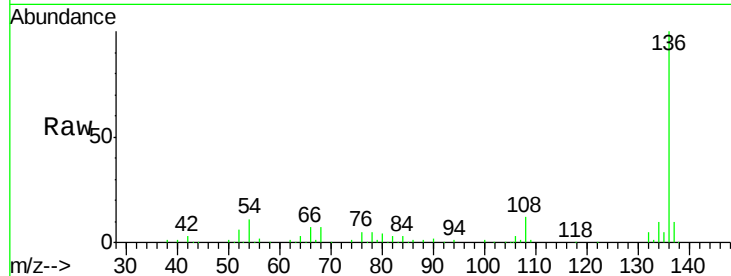
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.33 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

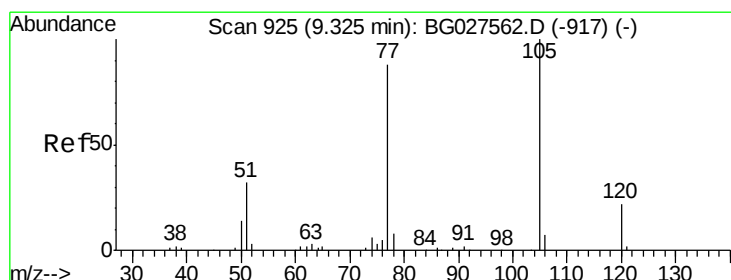
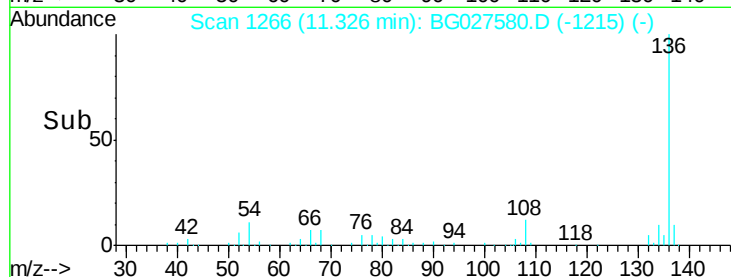
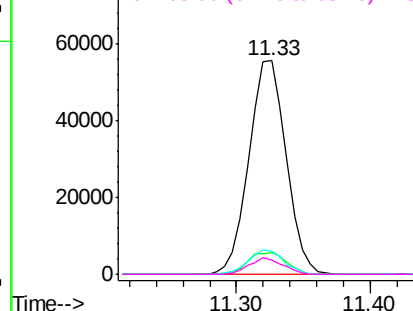
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	106834		
137	10.2	8.9	13.3	
54	10.6	9.3	13.9	
68	6.8	5.1	7.7	

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM



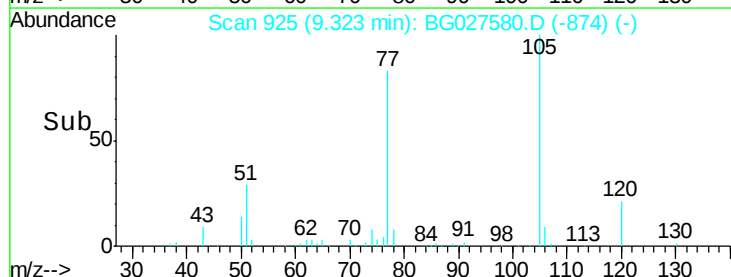
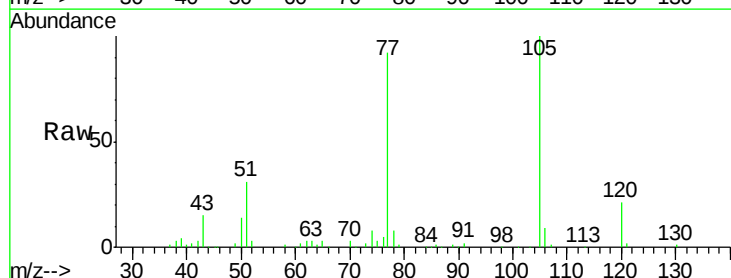
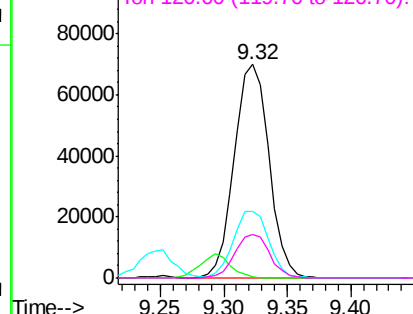
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

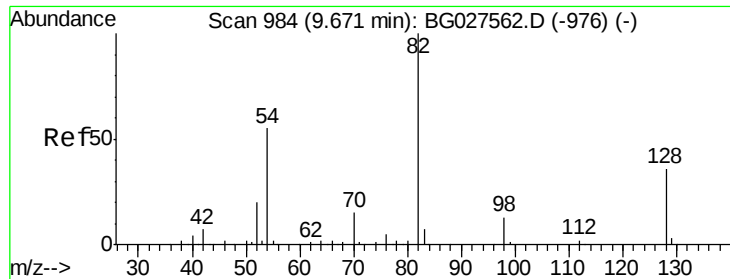


#22
Acetophenone
Concen: 45.356 ng
RT: 9.32 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	132882		
71	0.5	0.9	1.3#	
51	31.2	34.0	51.0#	
120	20.6	17.3	25.9	

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





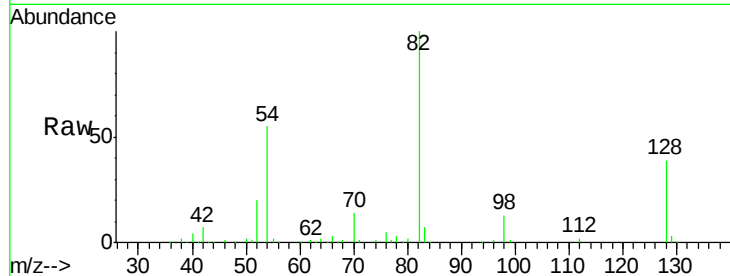
#23
Nitrobenzene-d5
Concen: 91.391 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

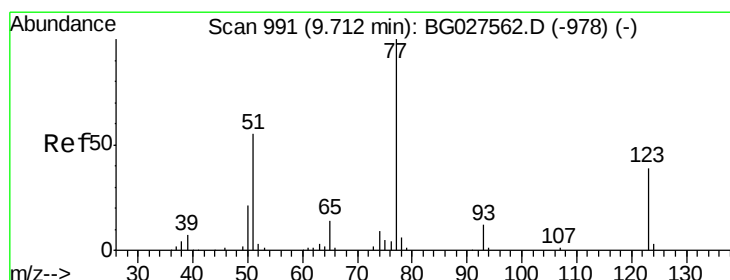
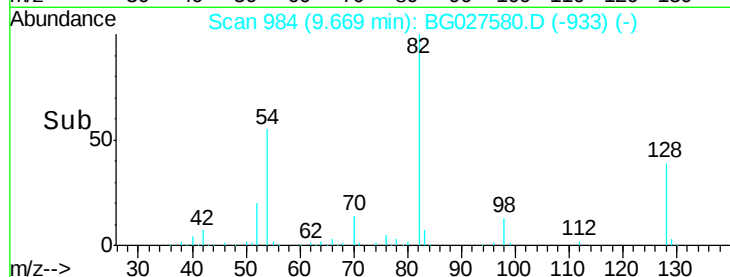
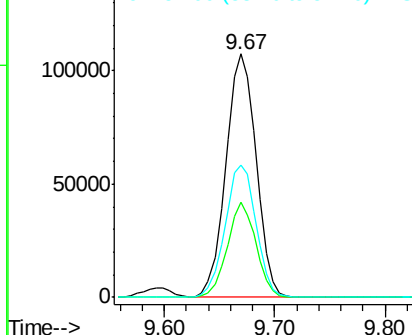
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	206339		
128	39.0	26.4	39.6	
54	54.5	49.4	74.2	

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM

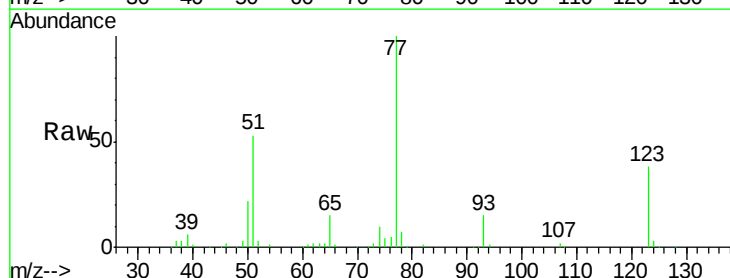


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

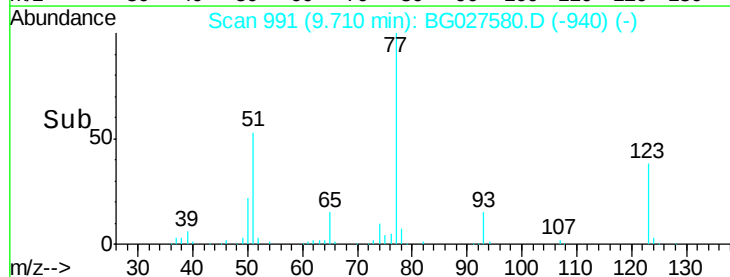
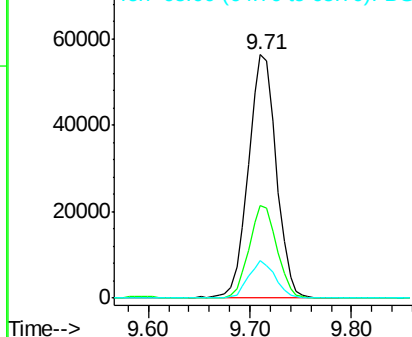


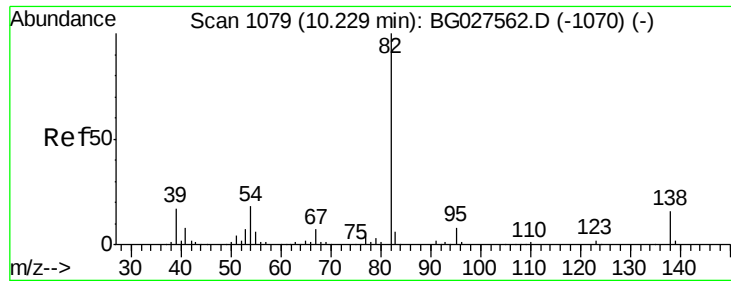
#24
Nitrobenzene
Concen: 43.424 ng
RT: 9.71 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	107466		
123	38.3	26.1	39.1	
65	15.5	12.4	18.6	



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 45.559 ng

RT: 10.23 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Instrument :

BNA_G

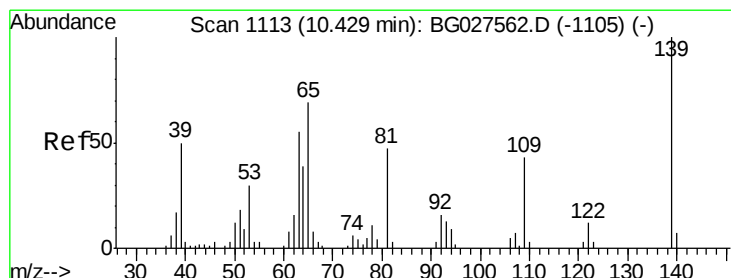
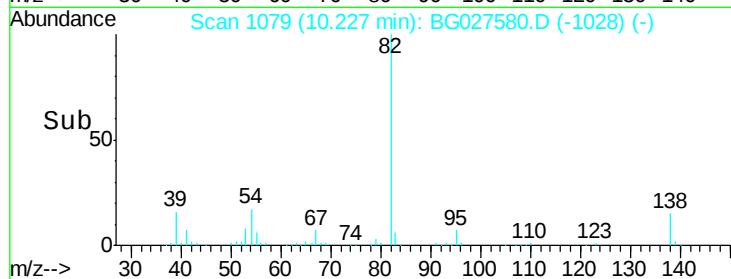
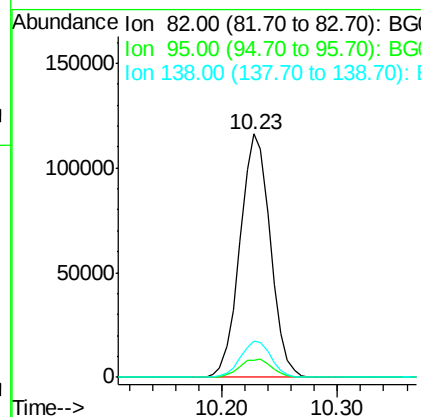
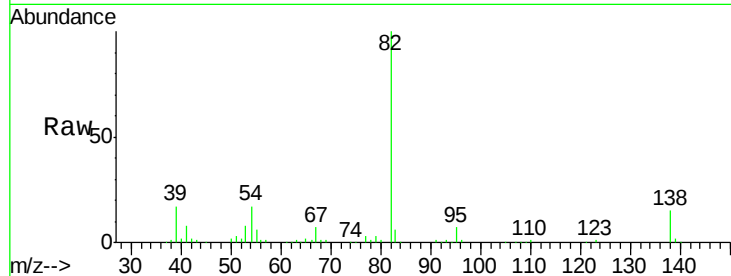
ClientSampleId :

PB99928BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	211334		
95	7.3	7.5	11.3#	
138	14.7	12.3	18.5	

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM



#26

2-Nitrophenol

Concen: 46.620 ng

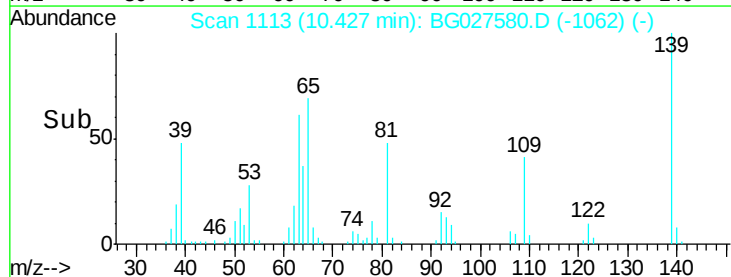
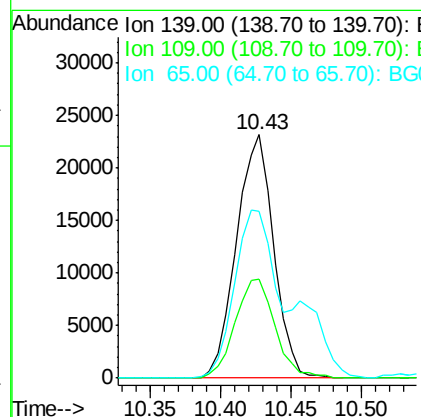
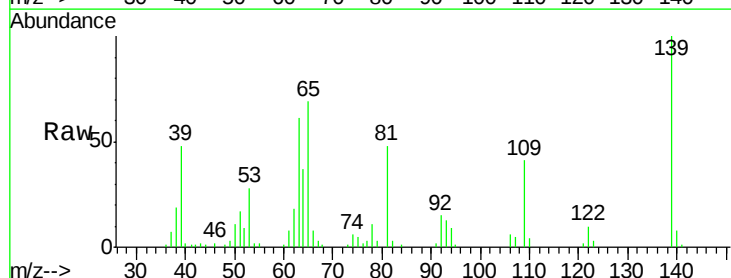
RT: 10.43 min Scan# 1113

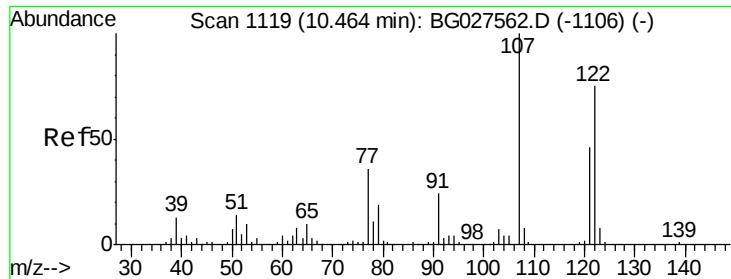
Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	42675		
109	40.5	38.6	58.0	
65	68.6	57.1	85.7	





#27

2,4-Dimethylphenol

Concen: 52.646 ng

RT: 10.46 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Instrument :

BNA_G

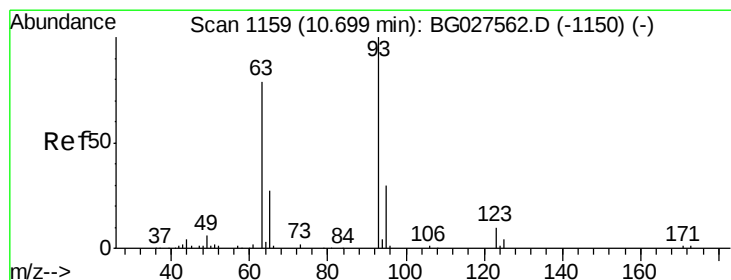
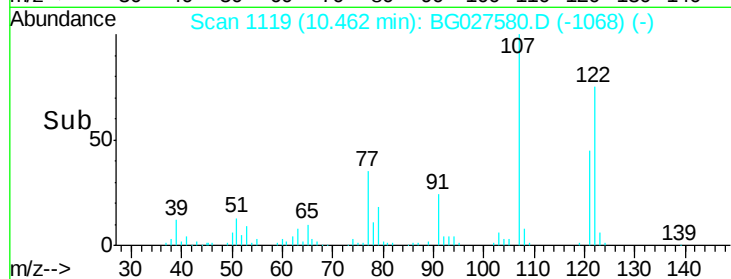
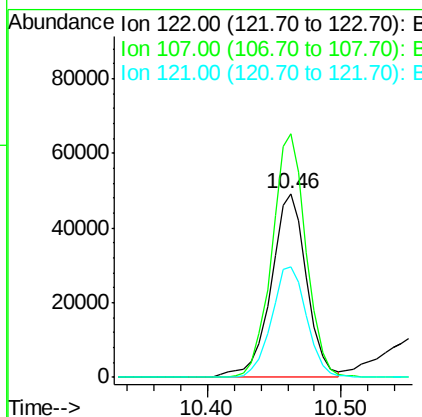
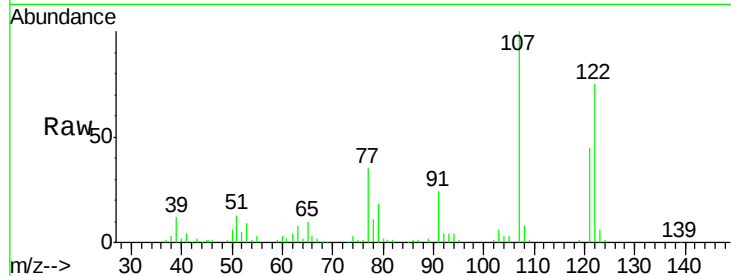
ClientSampleId :

PB99928BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	91010		
107	132.5	104.2	156.4	
121	60.0	46.0	69.0	

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM



#28

bis(2-Chloroethoxy)methane

Concen: 44.400 ng

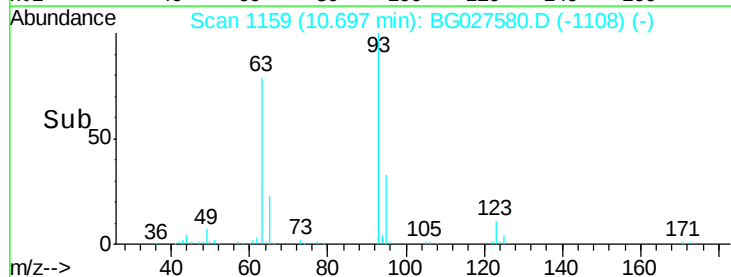
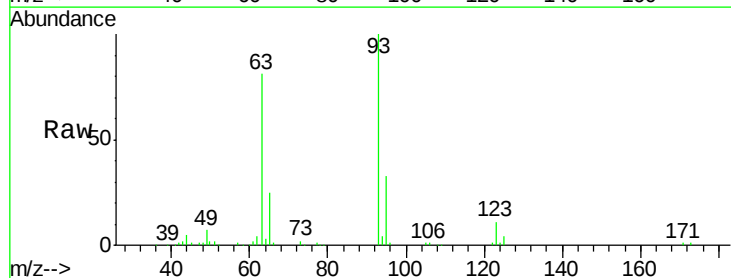
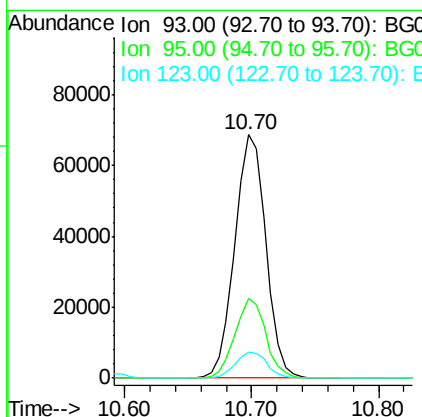
RT: 10.70 min Scan# 1159

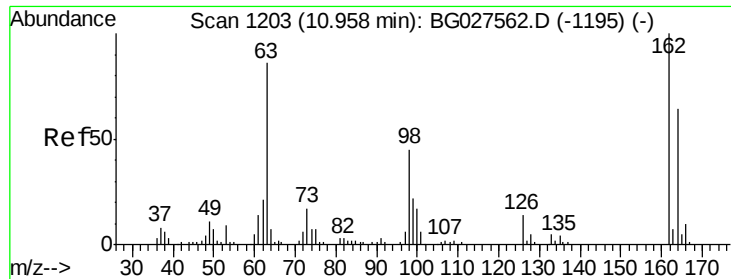
Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	116082		
95	32.9	25.7	38.5	
123	10.9	8.3	12.5	





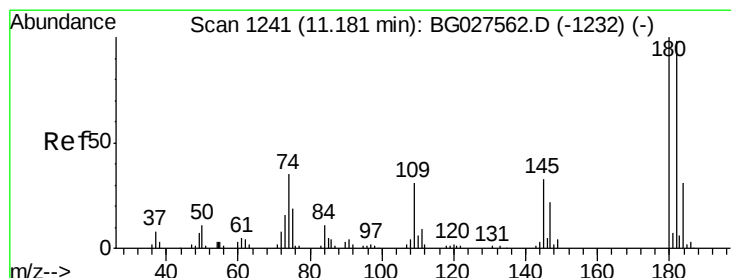
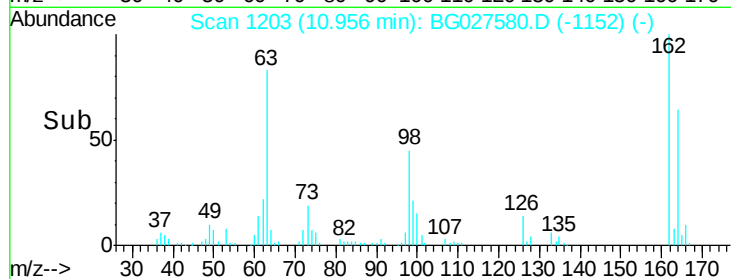
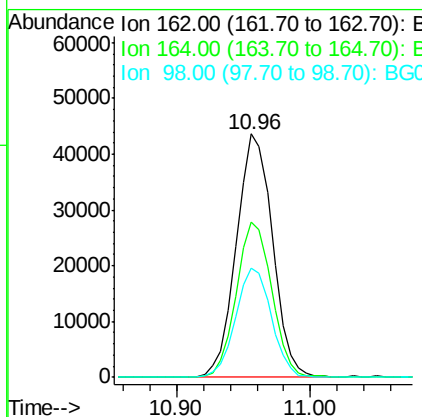
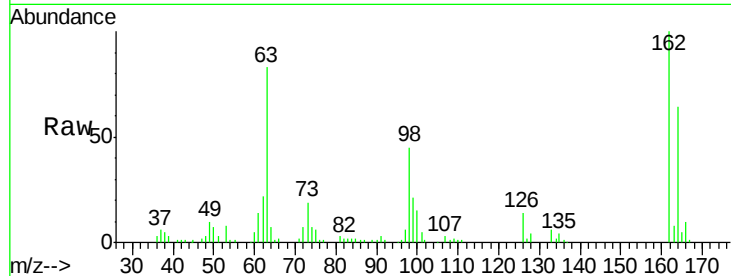
#29
2,4-Dichlorophenol
Concen: 54.913 ng
RT: 10.96 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	81994		
164	63.6	42.4	82.4	
98	45.0	20.3	60.3	

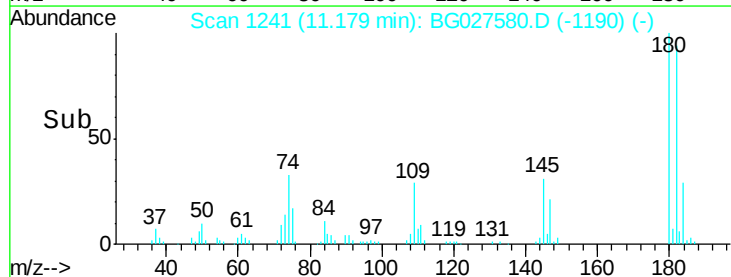
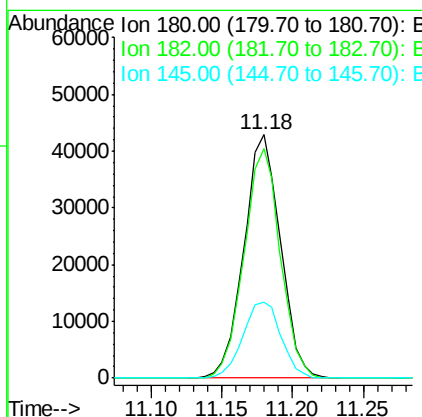
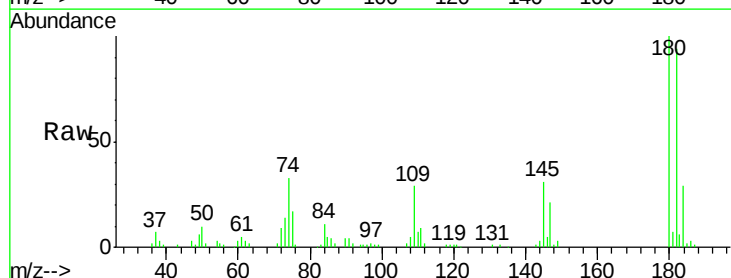
Manual Integrations
APPROVED

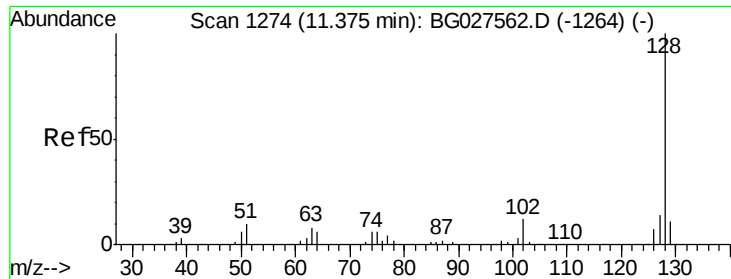
mohammad
6/22/2017 6:04:29 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.589 ng
RT: 11.18 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	77826		
182	94.0	77.0	115.4	
145	31.4	23.4	35.0	





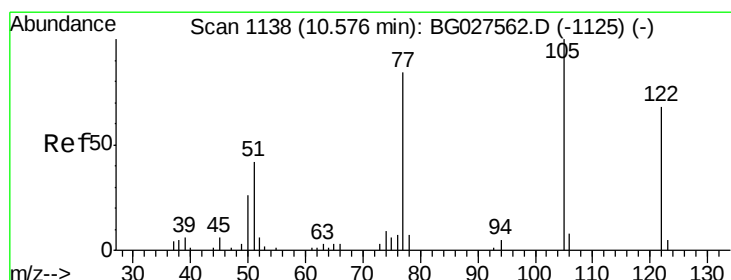
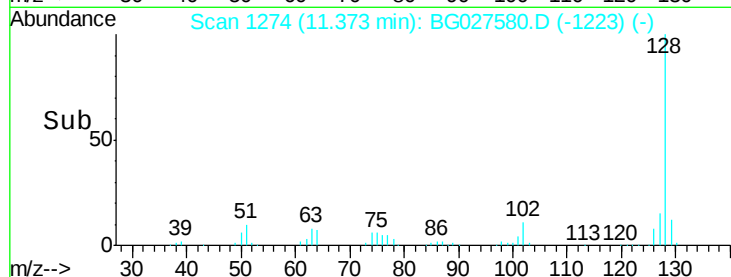
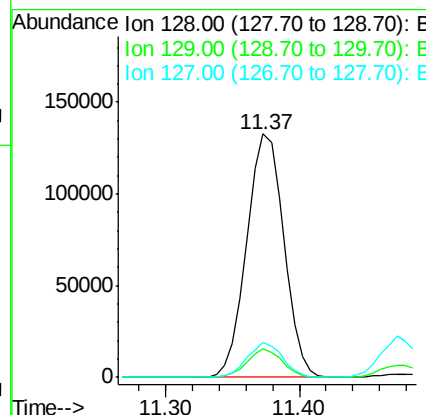
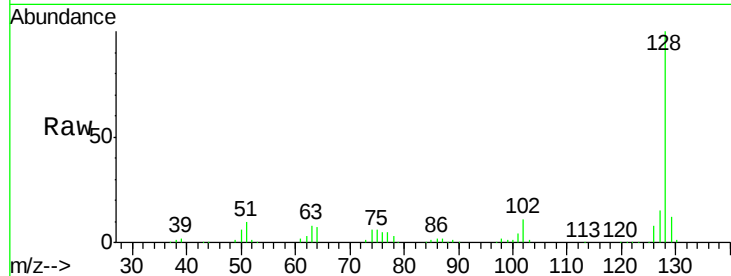
#31
Naphthalene
Concen: 44.228 ng
RT: 11.37 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	255390		
129	11.7	9.3	13.9	
127	14.6	11.4	17.0	

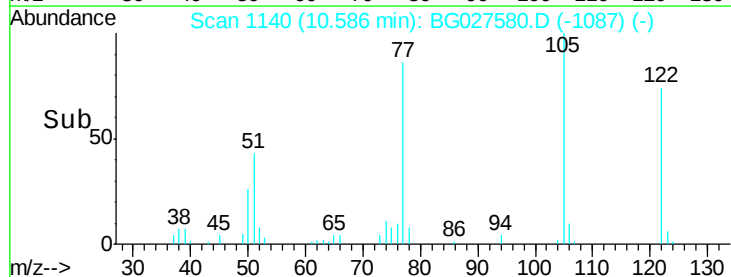
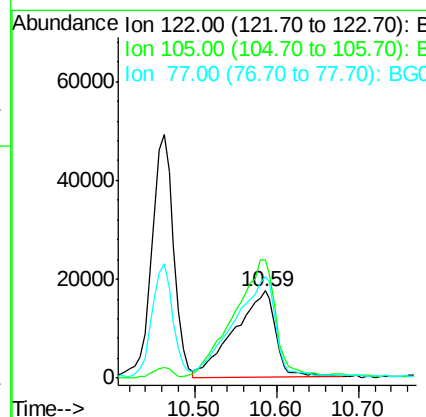
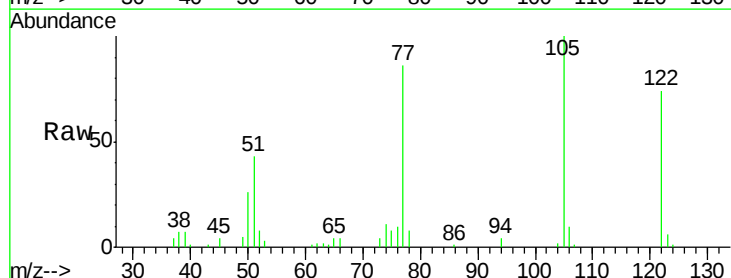
Manual Integrations
APPROVED

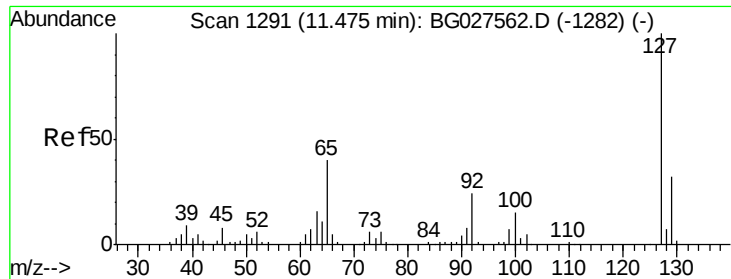
mohammad
6/22/2017 6:04:29 PM



#32
Benzoic acid
Concen: 49.416 ng
RT: 10.59 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

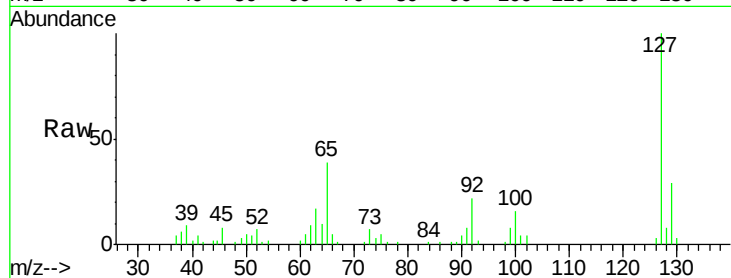
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	61194		
105	135.5	120.1	160.1	
77	117.2	104.6	144.6	





#33
4-Chloroaniline
Concen: 18.699 ng
RT: 11.47 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

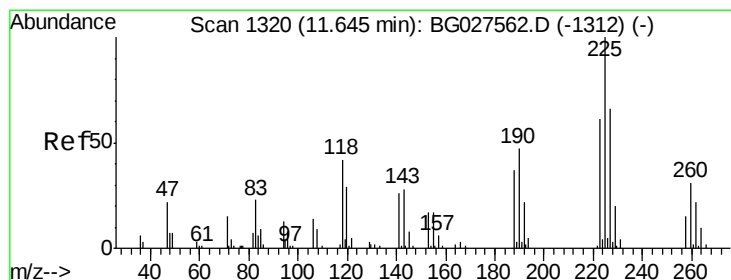
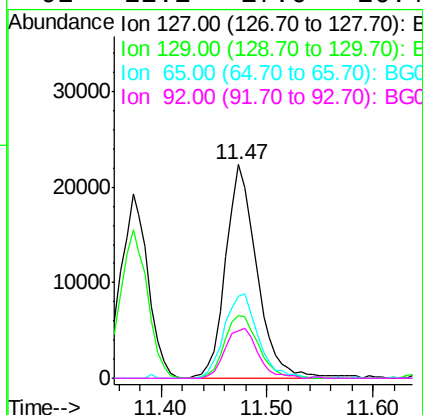
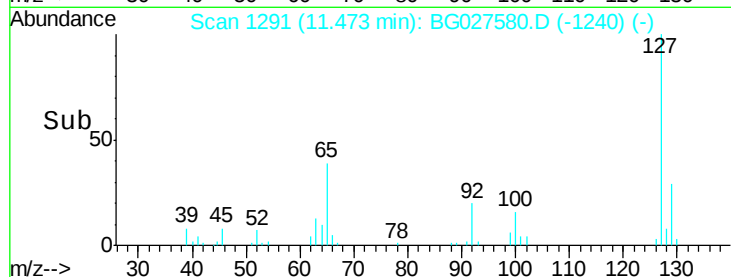
Instrument :
BNA_G
ClientSampleId :
PB99928BS



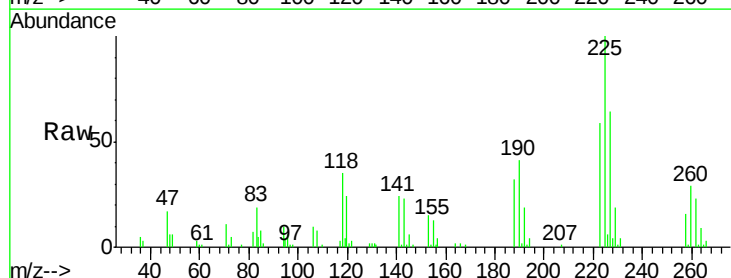
Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.5	23.6	35.4
65	38.6	37.7	56.5
92	22.1	17.6	26.4

Manual Integrations
APPROVED

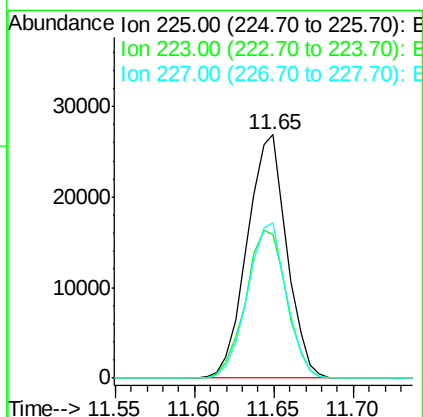
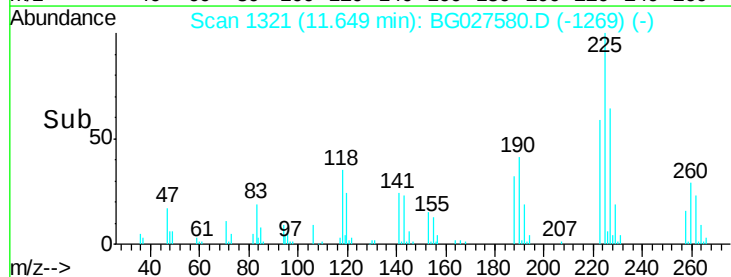
mohammad
6/22/2017 6:04:29 PM

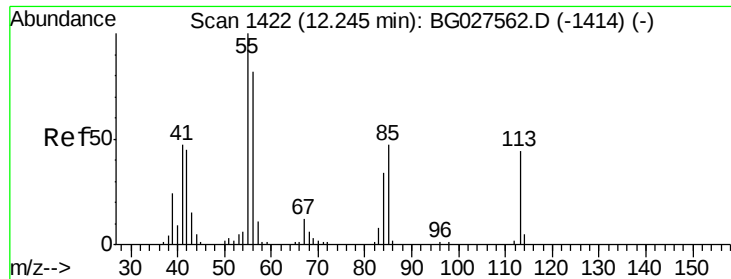


#34
Hexachlorobutadiene
Concen: 45.236 ng
RT: 11.65 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28



Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.1	50.7	76.1
227	64.0	49.0	73.6





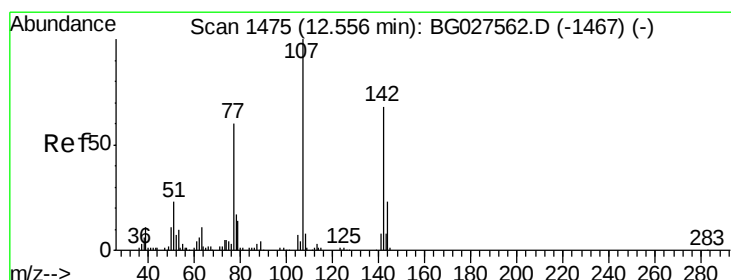
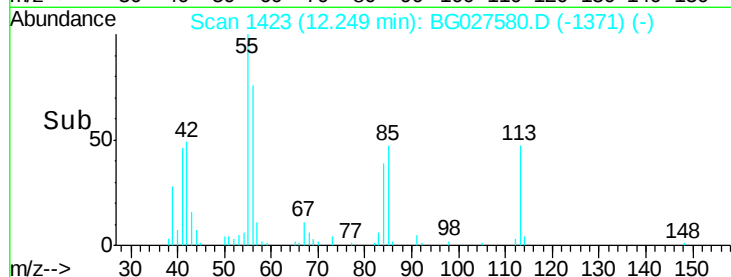
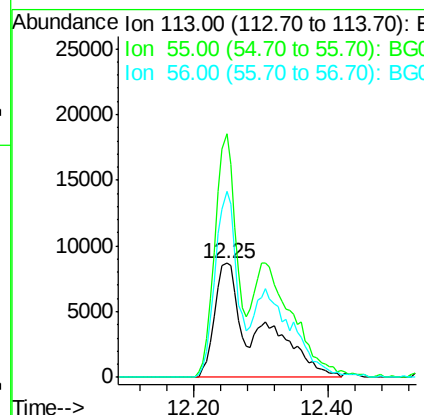
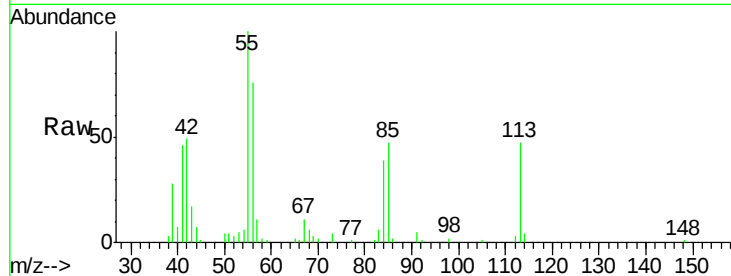
#35
 Caprolactam
 Concen: 54.835 ng m
 RT: 12.25 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99928BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	213.2	198.6	238.6
56	162.5	140.4	180.4

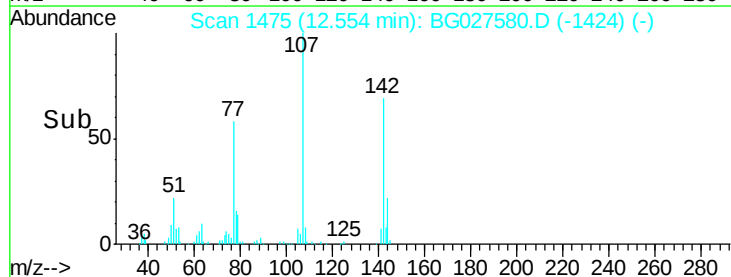
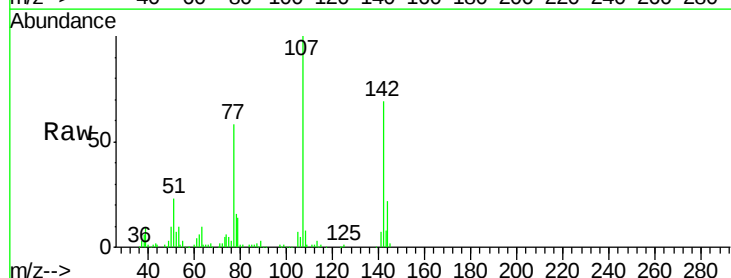
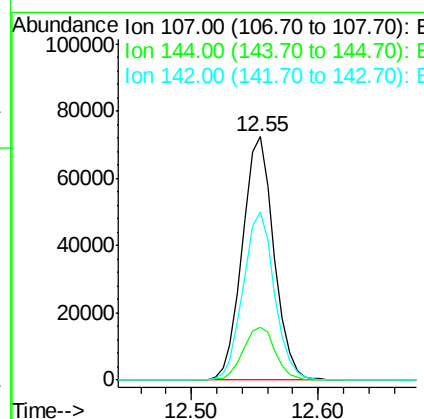
Manual Integrations
 APPROVED

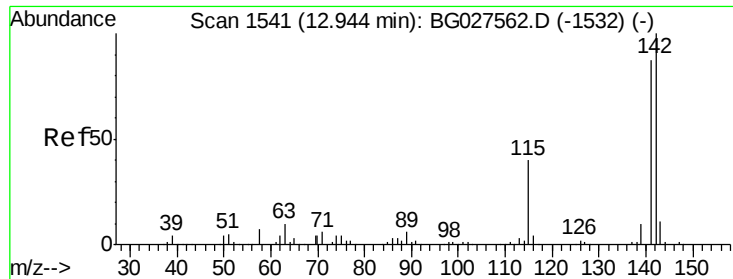
mohammad
 6/22/2017 6:04:29 PM



#36
 4-Chloro-3-methylphenol
 Concen: 54.669 ng
 RT: 12.55 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.6	17.4	26.0
142	69.1	54.1	81.1





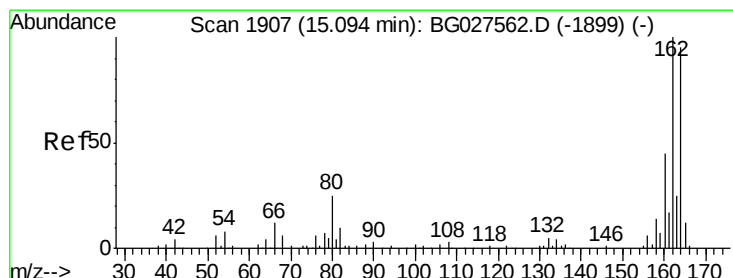
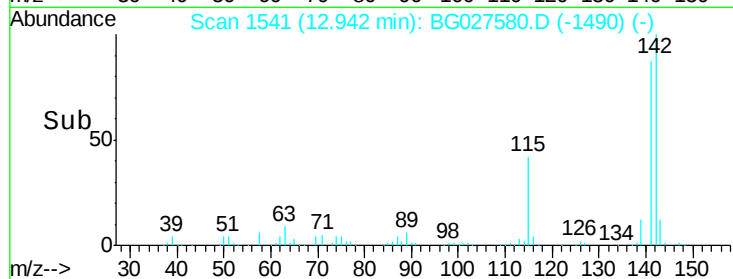
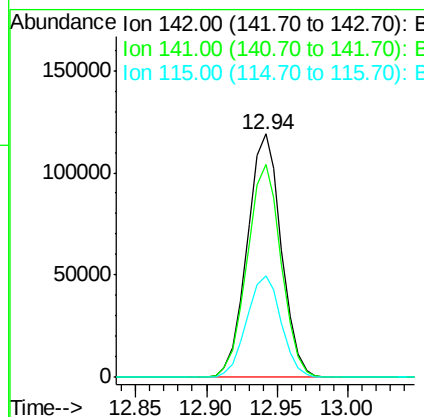
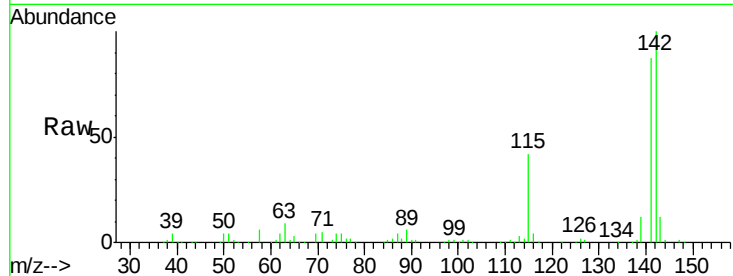
#37
 2-Methylnaphthalene
 Concen: 47.900 ng
 RT: 12.94 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99928BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	41.6	35.5	53.3

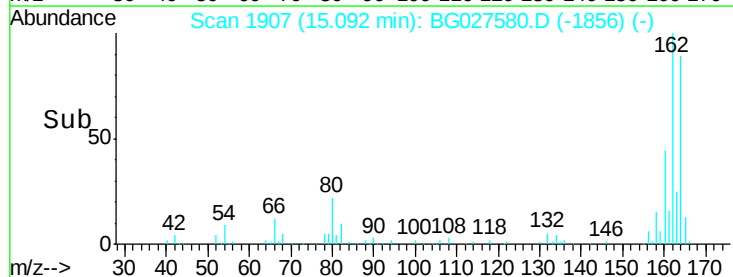
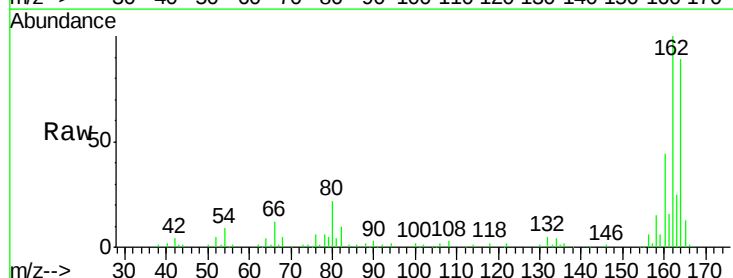
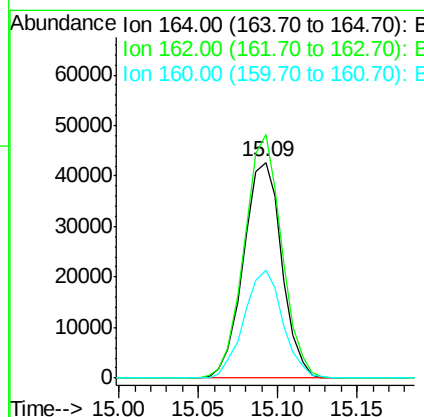
Manual Integrations
 APPROVED

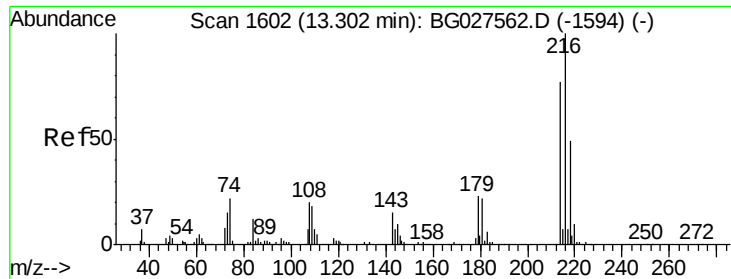
mohammad
 6/22/2017 6:04:29 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.09 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	112.8	85.1	127.7
160	50.0	34.7	52.1





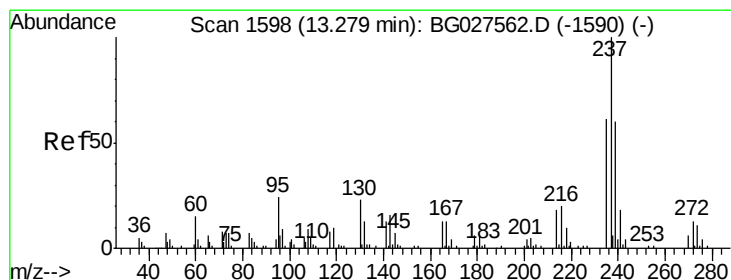
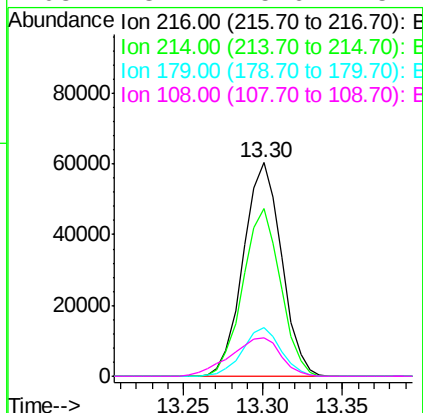
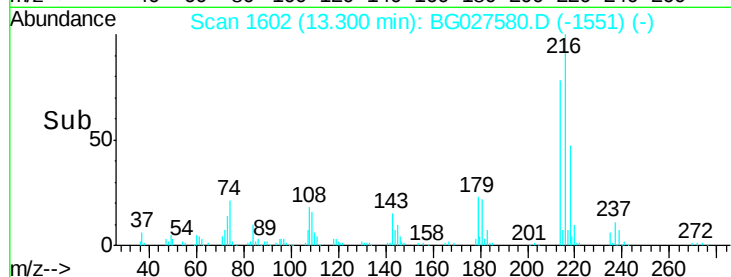
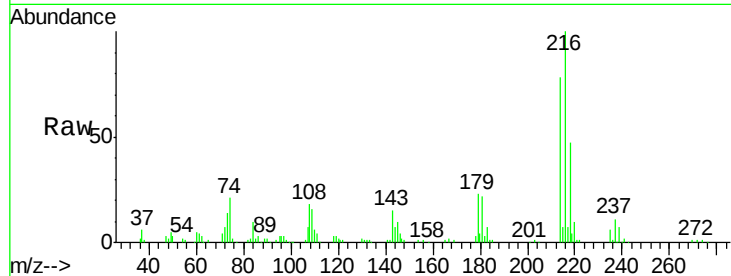
#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.139 ng
RT: 13.30 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.4	64.4	96.6
179	22.7	17.4	26.0
108	23.4	15.6	23.4

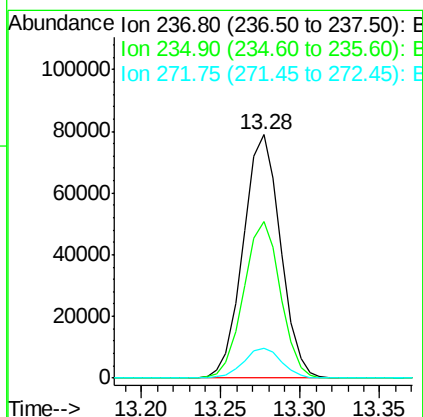
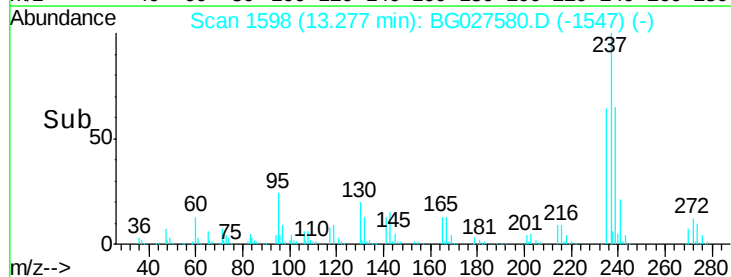
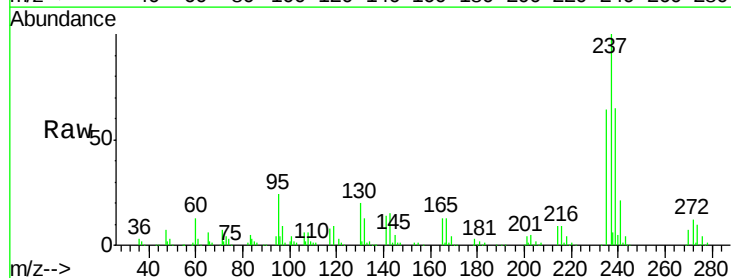
Manual Integrations
APPROVED

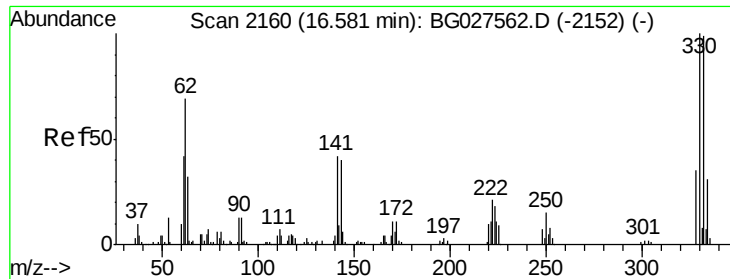
mohammad
6/22/2017 6:04:29 PM



#40
Hexachlorocyclopentadiene
Concen: 107.001 ng
RT: 13.28 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.1	39.4	79.4
272	12.2	0.0	32.0





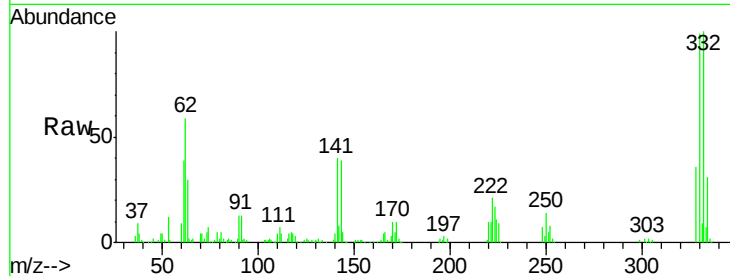
#41
 2,4,6-Tribromophenol
 Concen: 156.987 ng
 RT: 16.58 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Instrument :
 BNA_G
 ClientSampled :
 PB99928BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	167528		
332	97.9	77.3	115.9	
141	41.1	32.1	48.1	

Manual Integrations
 APPROVED

mohammad
 6/22/2017 6:04:29 PM

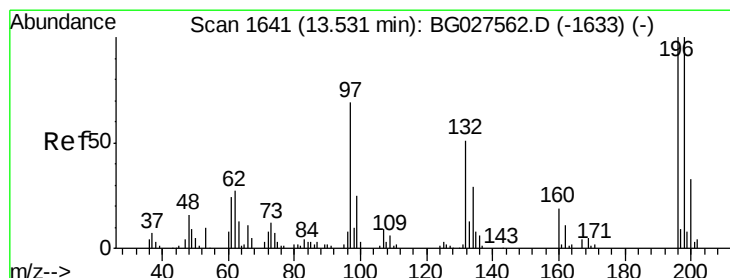
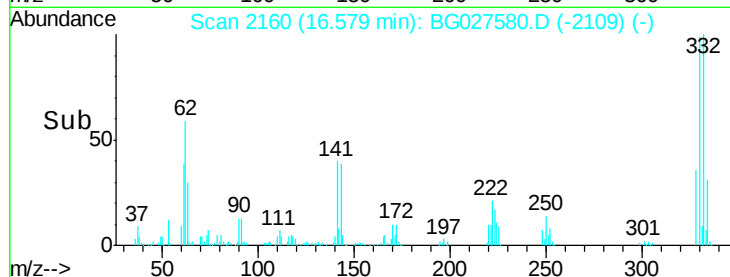
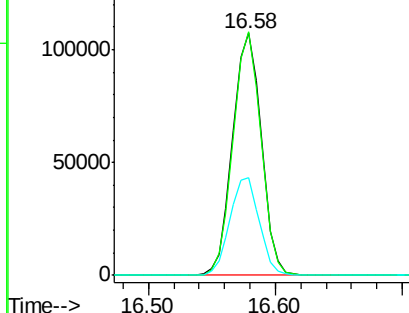


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 52.463 ng
 RT: 13.53 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

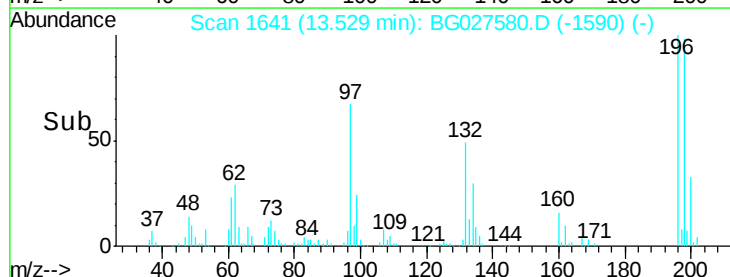
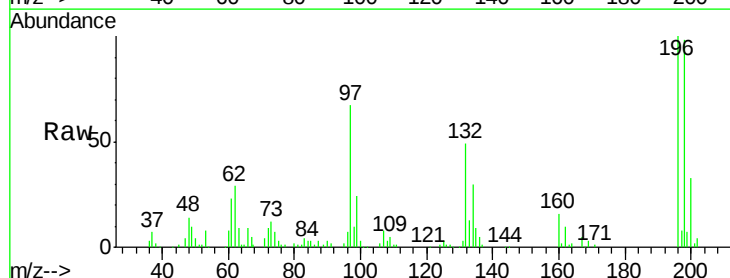
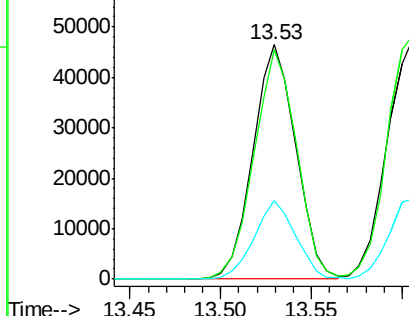
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	76097		
198	98.0	81.4	122.2	
200	33.4	27.0	40.6	

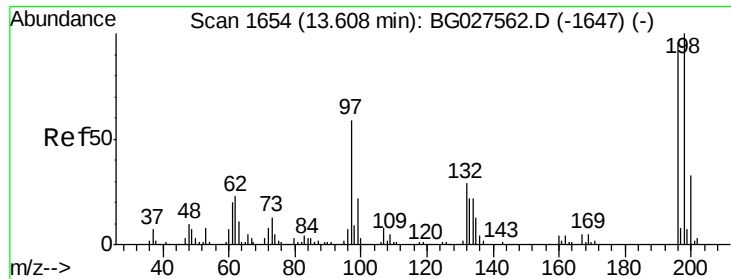
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





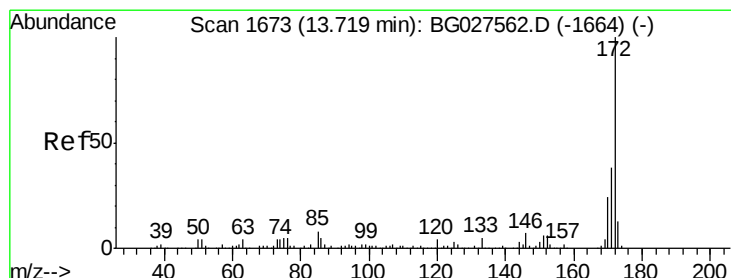
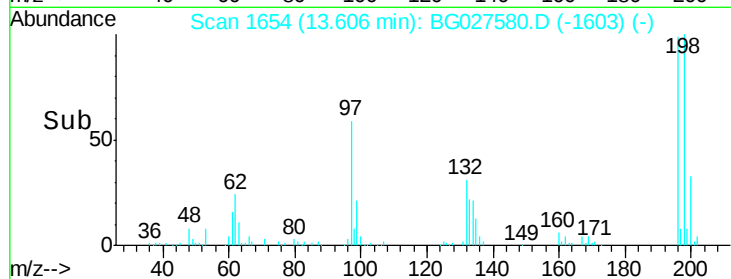
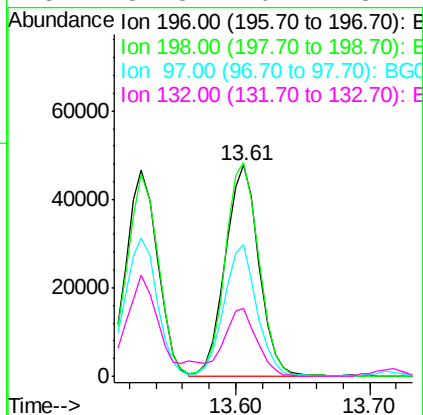
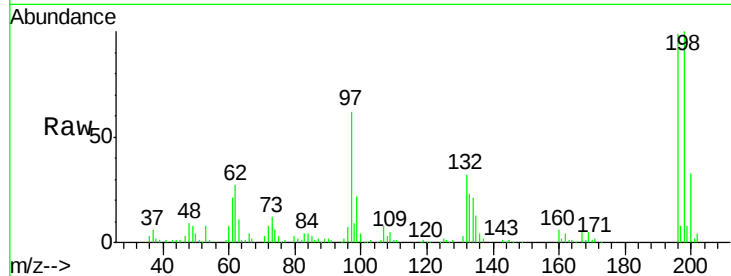
#43
 2,4,5-Trichlorophenol
 Concen: 49.363 ng
 RT: 13.61 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Instrument :
 BNA_G
 ClientSampled :
 PB99928BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84137		
198	101.4	79.9	119.9	
97	62.4	45.4	68.0	
132	32.3	20.7	31.1	

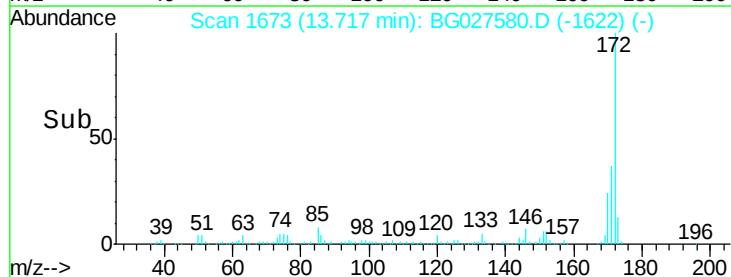
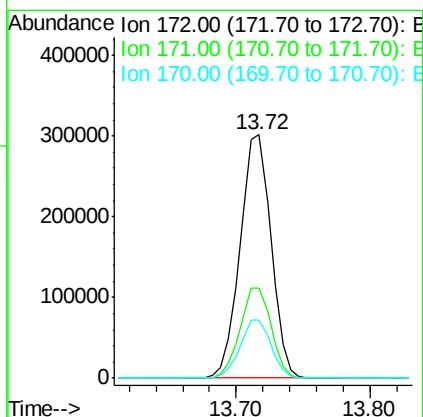
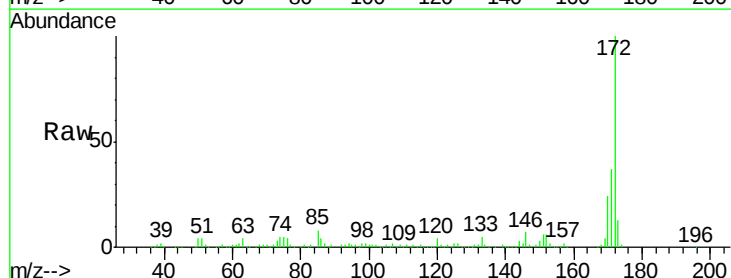
Manual Integrations
 APPROVED

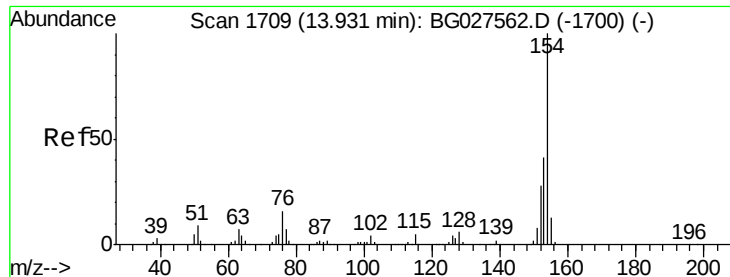
mohammad
 6/22/2017 6:04:29 PM



#44
 2-Fluorobiphenyl
 Concen: 92.105 ng
 RT: 13.72 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	482641		
171	37.1	32.2	48.2	
170	23.8	21.8	32.6	





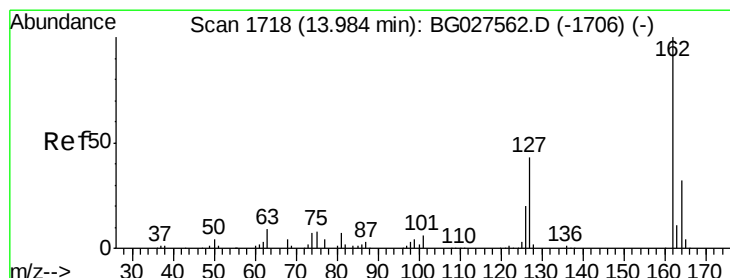
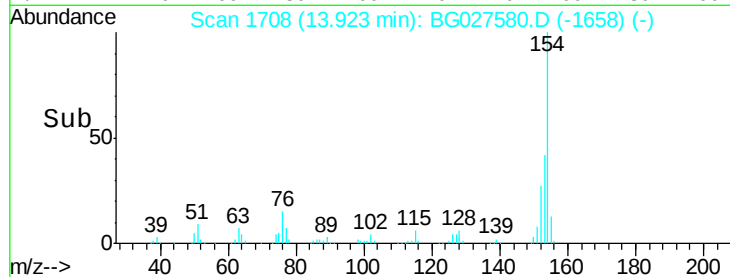
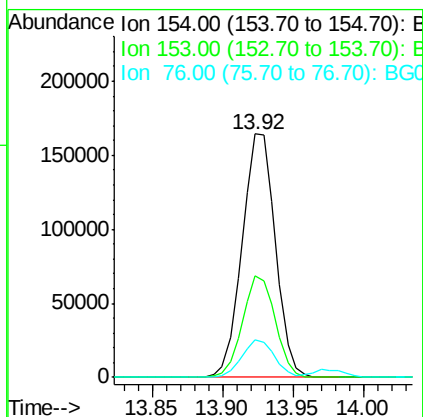
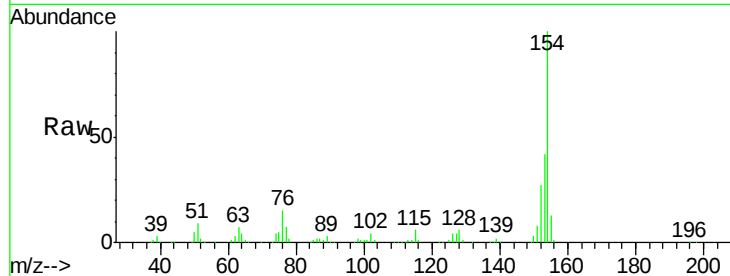
#45
 1,1'-Biphenyl
 Concen: 45.436 ng
 RT: 13.92 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99928BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	271184		
153	41.6	23.0	63.0	
76	15.3	0.0	33.5	

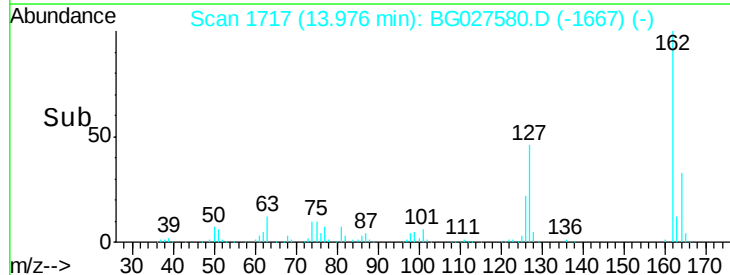
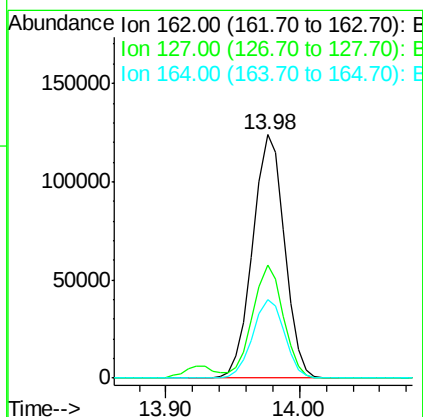
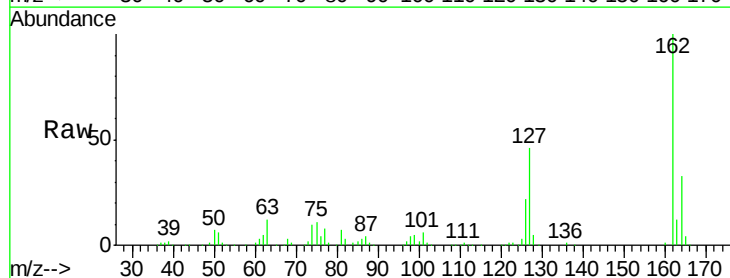
Manual Integrations
 APPROVED

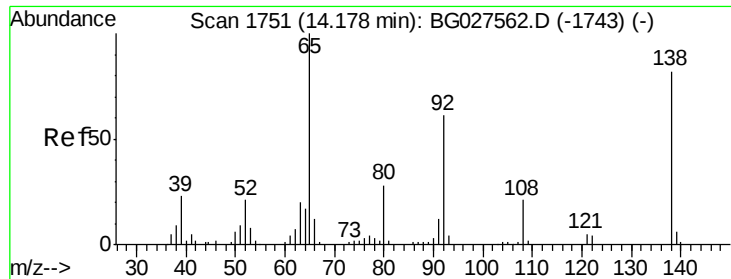
mohammad
 6/22/2017 6:04:29 PM



#46
 2-Chloronaphthalene
 Concen: 45.800 ng
 RT: 13.98 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	203308		
127	46.2	32.2	48.4	
164	32.5	27.3	40.9	





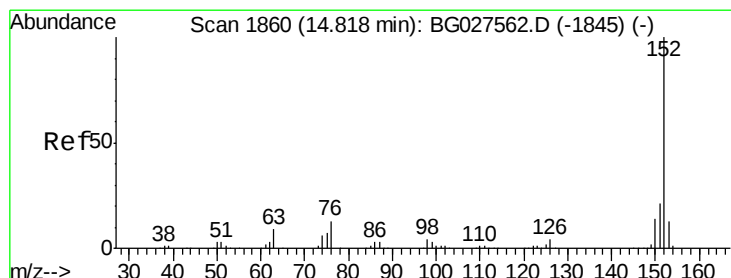
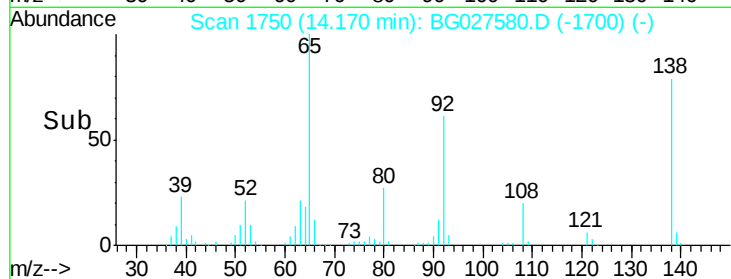
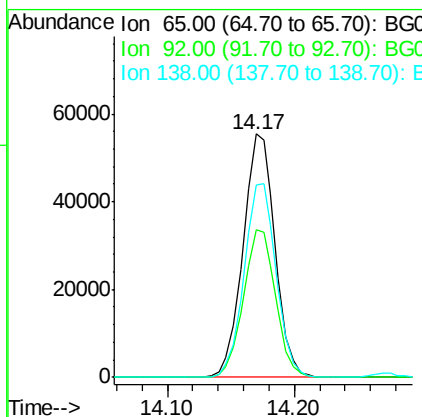
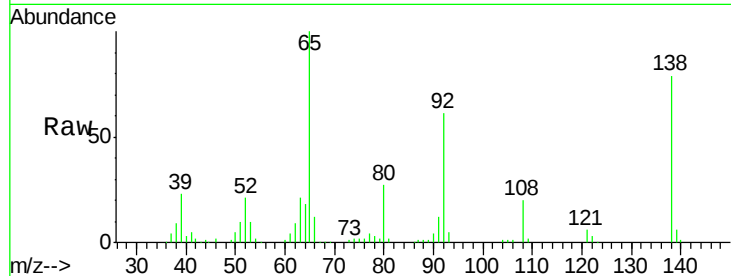
#47
2-Nitroaniline
Concen: 48.544 ng
RT: 14.17 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.6	49.0	73.4
138	79.1	58.6	87.8

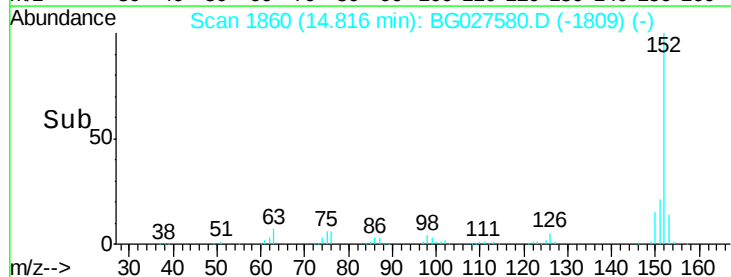
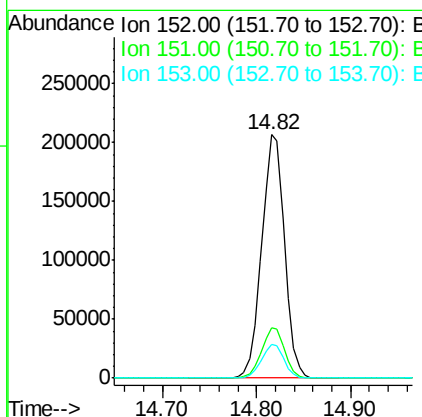
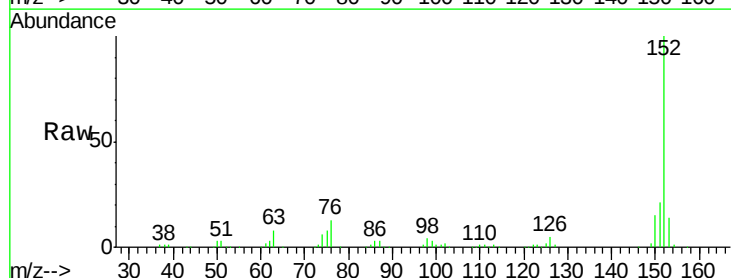
Manual Integrations
APPROVED

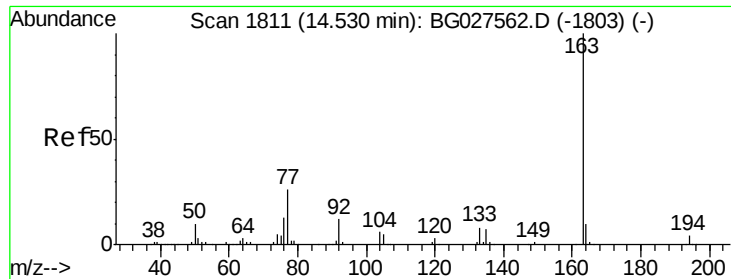
mohammad
6/22/2017 6:04:29 PM



#48
Acenaphthylene
Concen: 44.419 ng
RT: 14.82 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	18.2	27.2
153	13.8	11.3	16.9





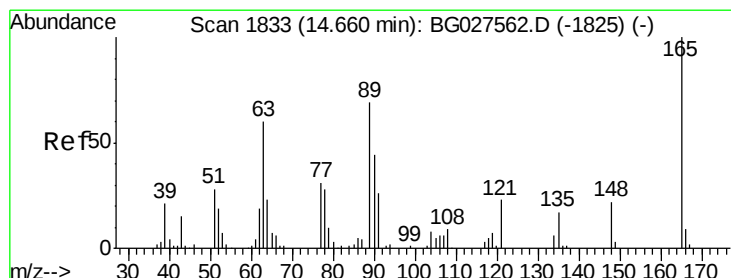
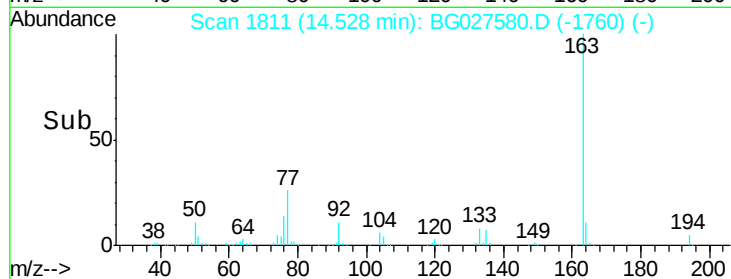
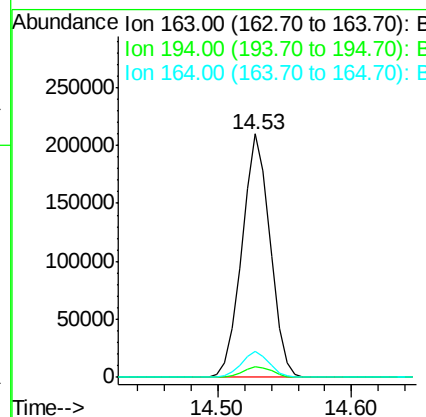
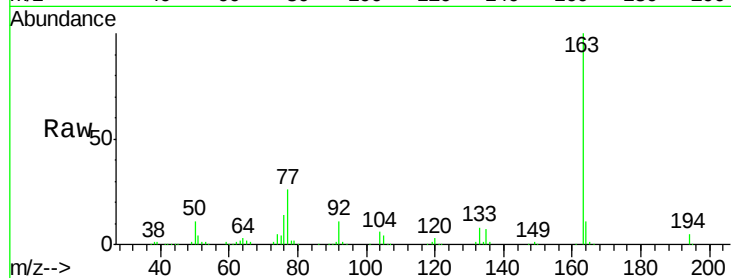
#49
Dimethylphthalate
Concen: 48.807 ng
RT: 14.53 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampled :
PB99928BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.6	3.8	5.6
164	10.7	9.3	13.9

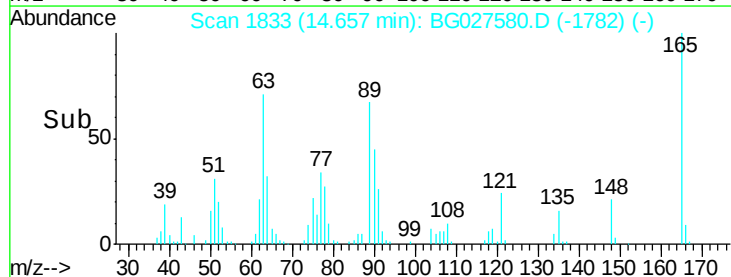
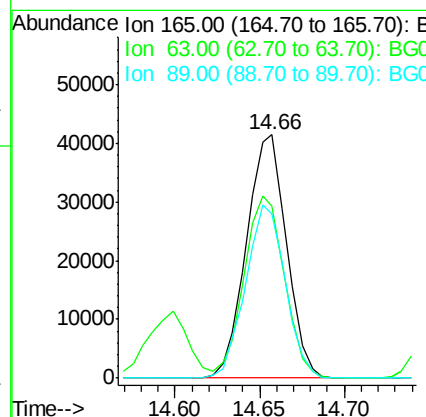
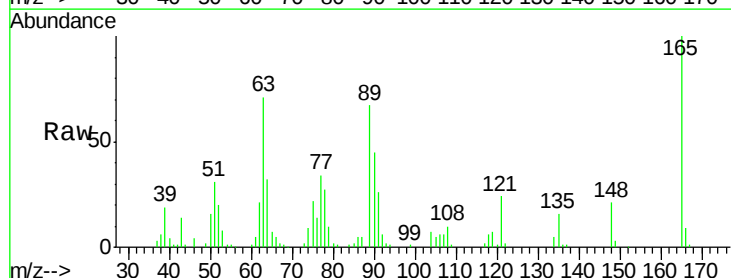
Manual Integrations
APPROVED

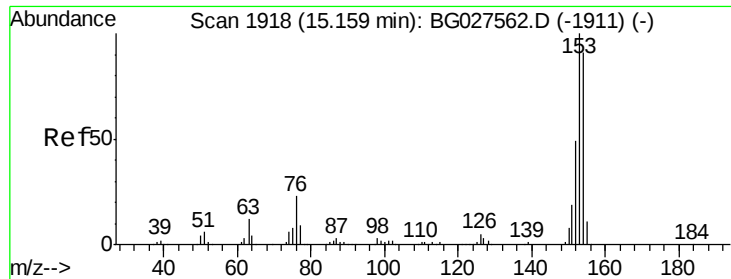
mohammad
6/22/2017 6:04:29 PM



#50
2,6-Dinitrotoluene
Concen: 50.174 ng
RT: 14.66 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	70.7	63.9	95.9
89	67.5	58.6	88.0





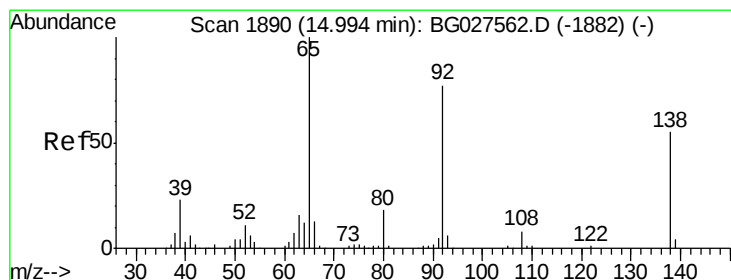
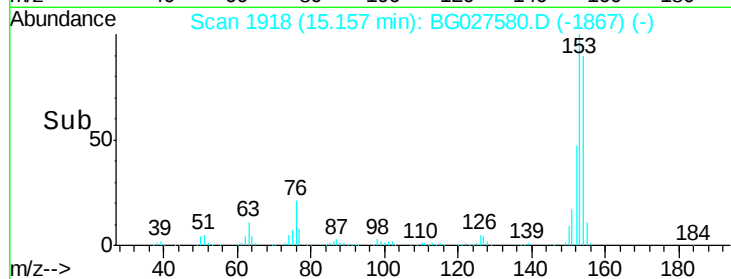
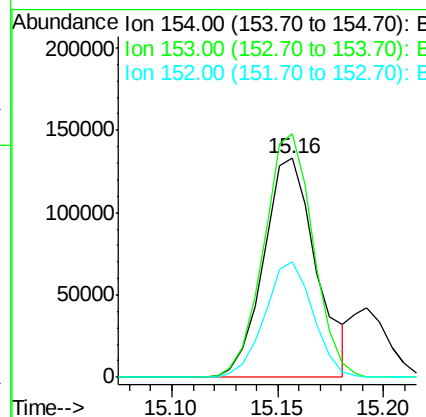
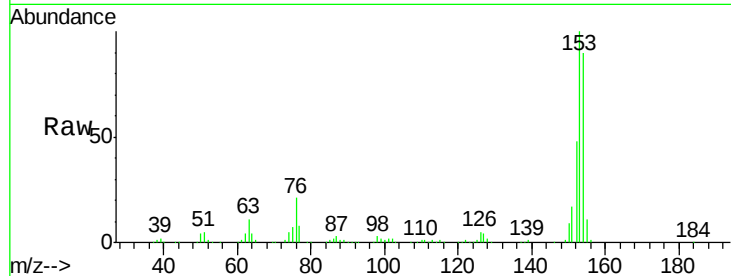
#51
Acenaphthene
Concen: 42.464 ng
RT: 15.16 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	230144		
153	111.1	87.8	131.6	
152	52.9	42.2	63.4	

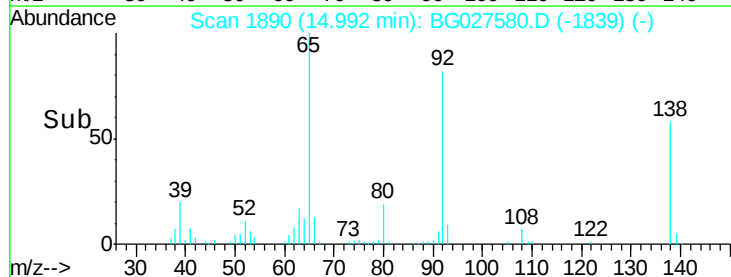
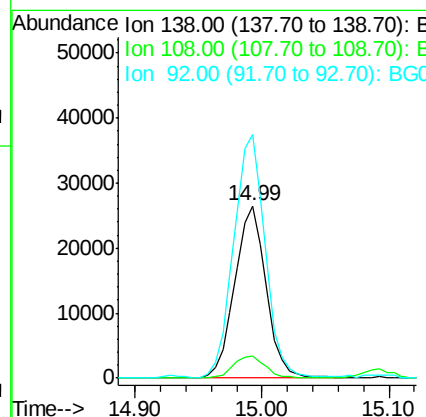
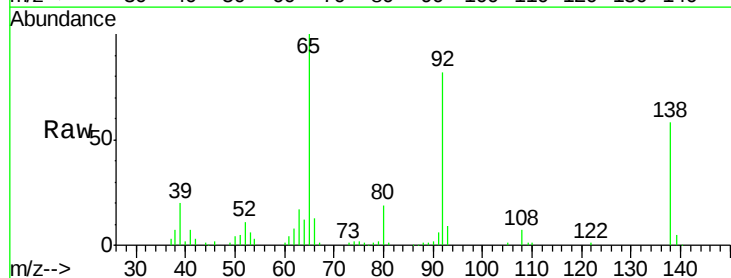
Manual Integrations
APPROVED

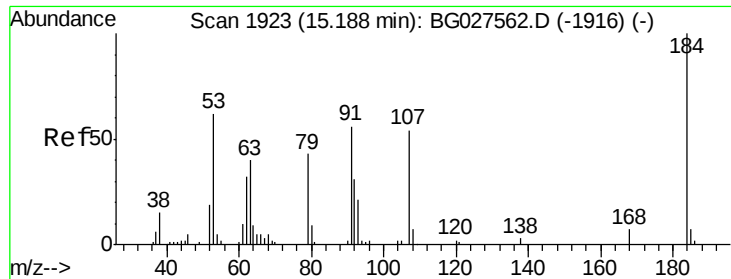
mohammad
6/22/2017 6:04:29 PM



#52
3-Nitroaniline
Concen: 31.494 ng
RT: 14.99 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	45210		
108	12.9	10.9	16.3	
92	141.5	115.3	172.9	





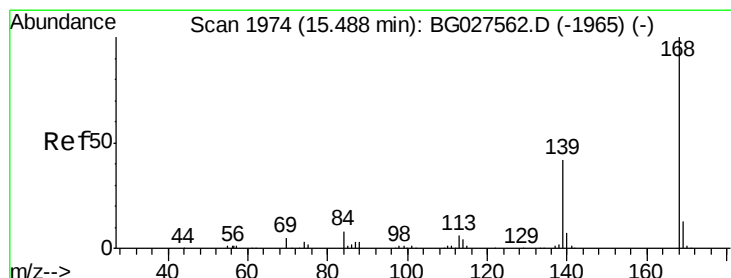
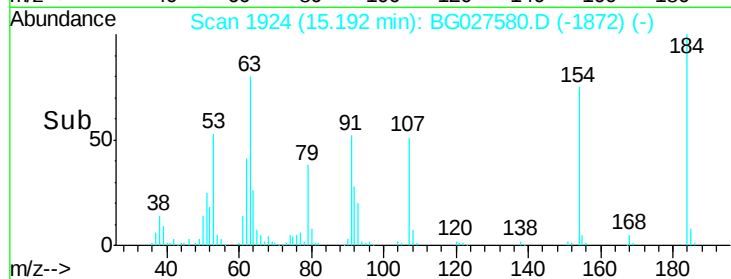
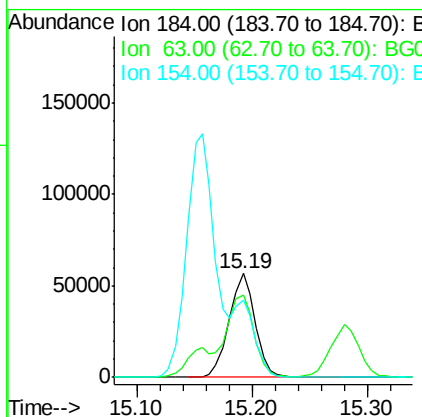
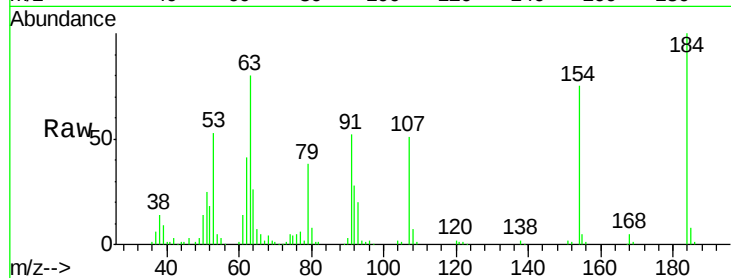
#53
2,4-Dinitrophenol
Concen: 115.254 ng
RT: 15.19 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampled :
PB99928BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	88591		
63	79.7	52.7	79.1	#
154	75.0	57.3	85.9	

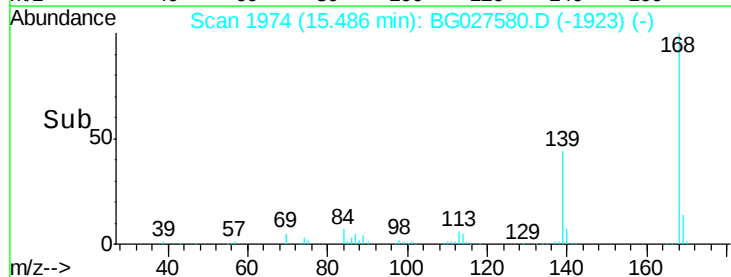
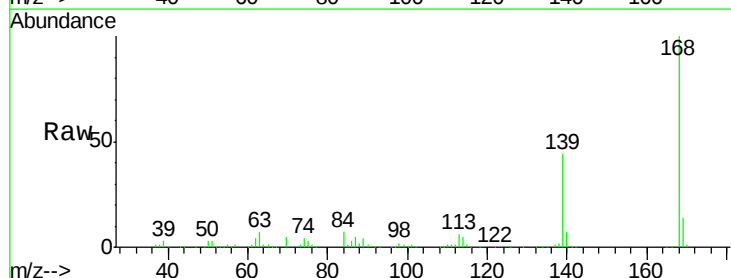
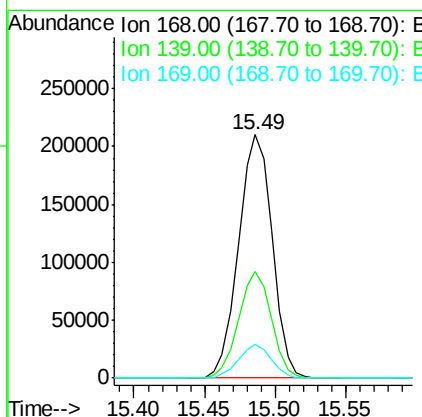
Manual Integrations
APPROVED

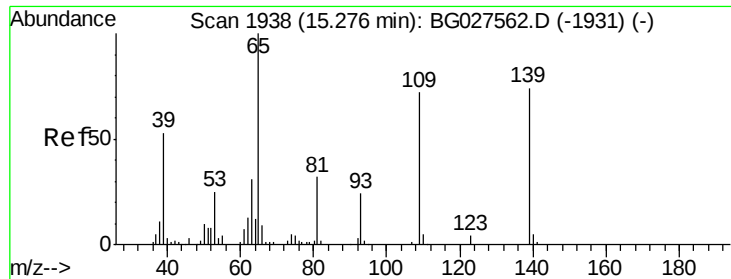
mohammad
6/22/2017 6:04:29 PM



#54
Dibenzofuran
Concen: 49.505 ng
RT: 15.49 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	349467		
139	43.6	35.3	52.9	
169	14.1	11.5	17.3	





#55

4-Nitrophenol

Concen: 104.197 ng

RT: 15.28 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB99928BS

Tgt Ion:139 Resp: 125230
Ion Ratio Lower Upper

139 100

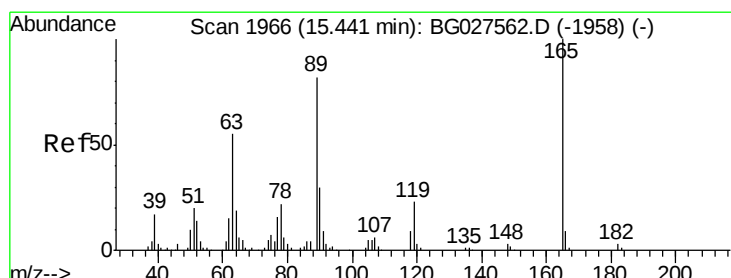
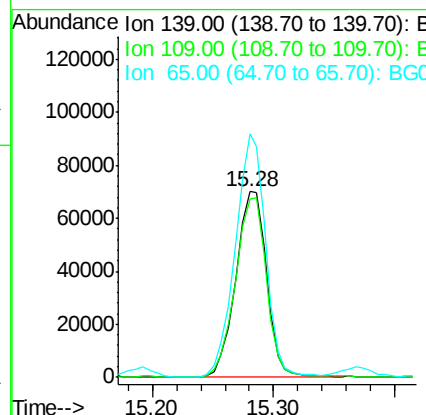
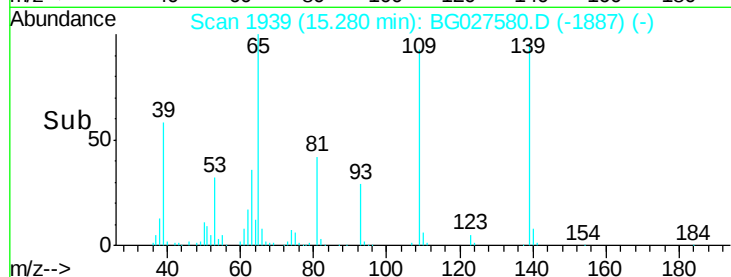
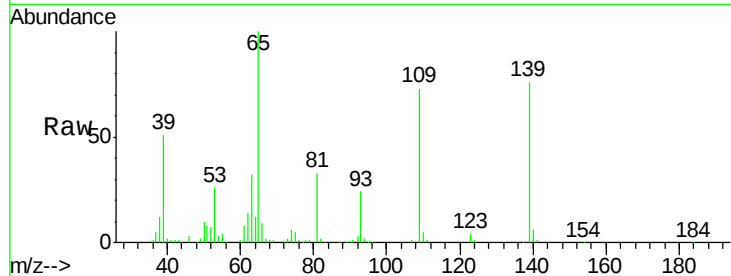
109 96.1 101.2 141.2#

65 131.3 135.3 175.3#

Manual Integrations
APPROVED

mohammad

6/22/2017 6:04:29 PM



#56

2,4-Dinitrotoluene

Concen: 52.926 ng

RT: 15.44 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

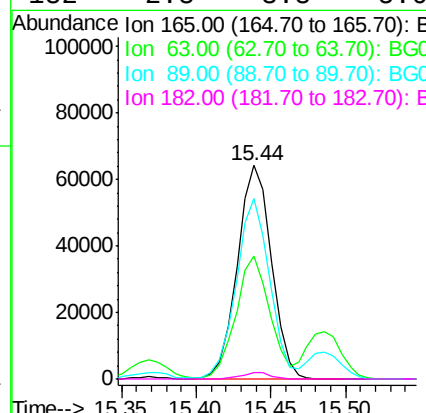
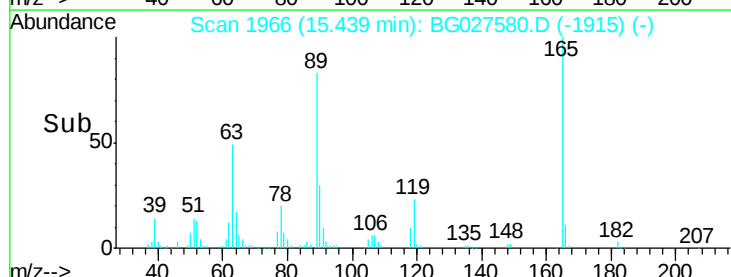
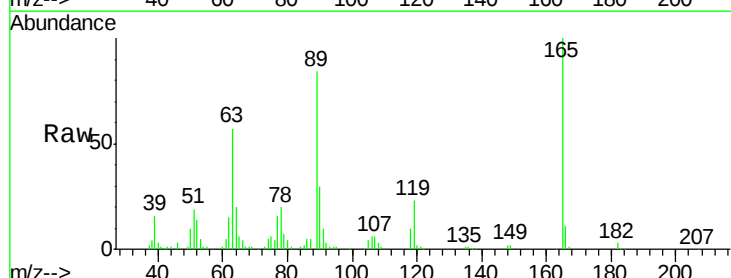
Tgt Ion:165 Resp: 102063
Ion Ratio Lower Upper

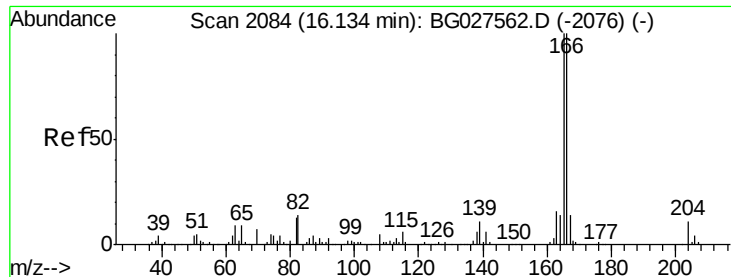
165 100

63 57.4 44.0 66.0

89 84.4 67.3 100.9

182 2.8 3.8 5.6#





#57

Fluorene

Concen: 46.588 ng

RT: 16.13 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Instrument :

BNA_G

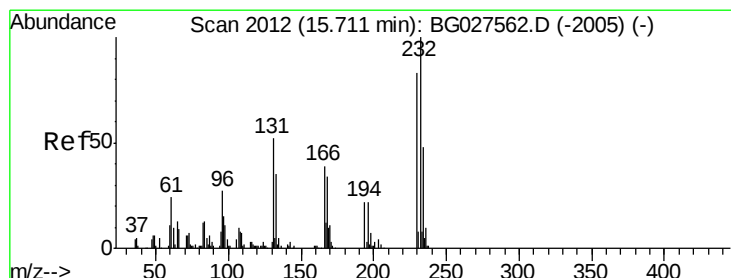
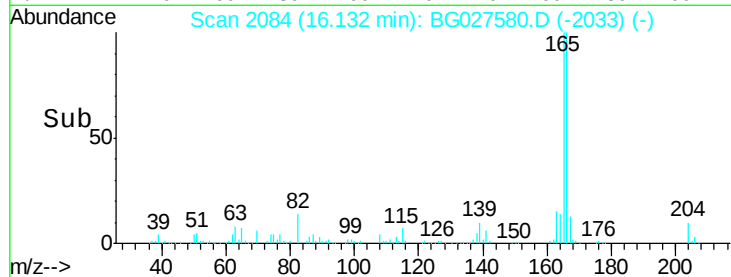
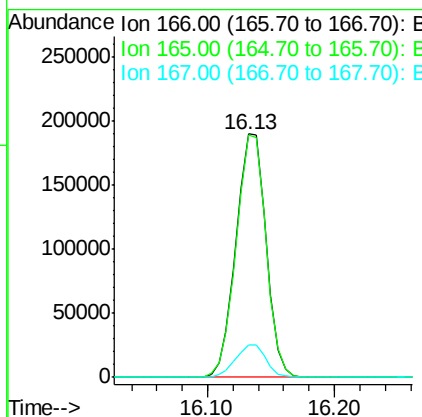
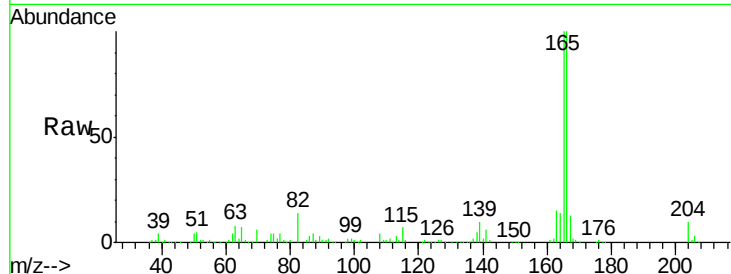
ClientSampleId :

PB99928BS

Tgt Ion:	166	Resp:	311468
Ion Ratio	Lower	Upper	
166	100		
165	99.5	78.6	117.8
167	13.4	11.6	17.4

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 58.096 ng

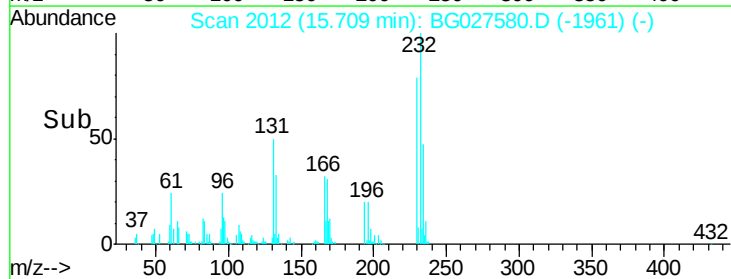
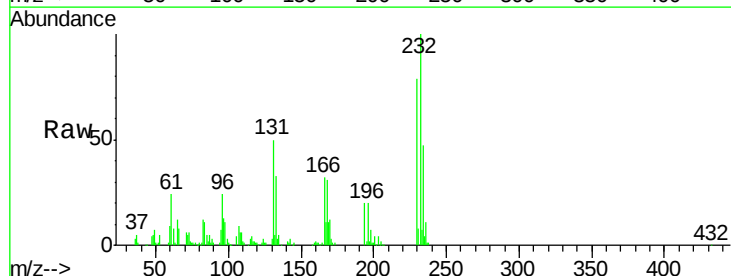
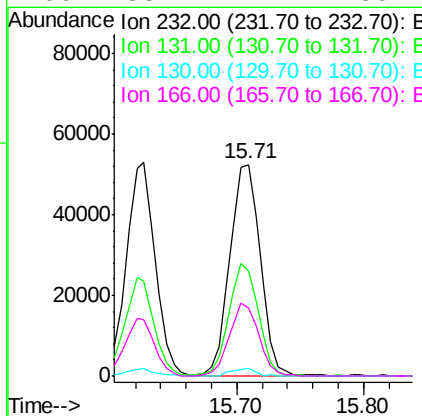
RT: 15.71 min Scan# 2012

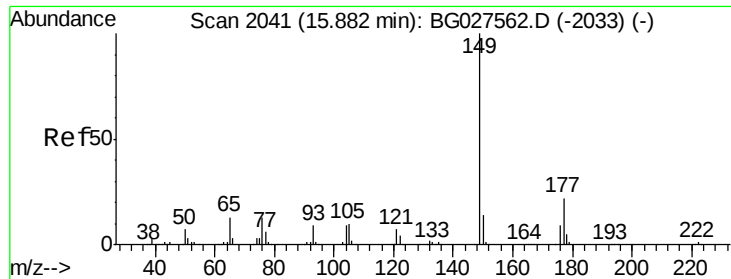
Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Tgt Ion:	232	Resp:	87197
Ion Ratio	Lower	Upper	
232	100		
131	51.1	34.9	52.3
130	2.8	2.3	3.5
166	33.2	24.2	36.4





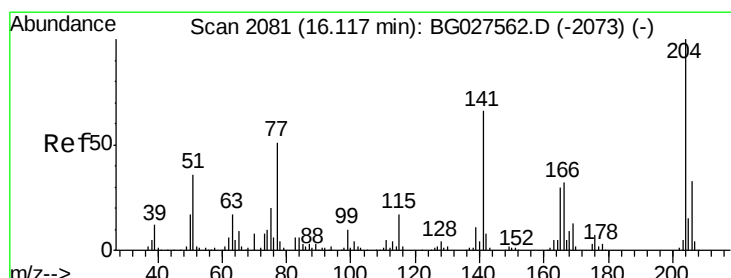
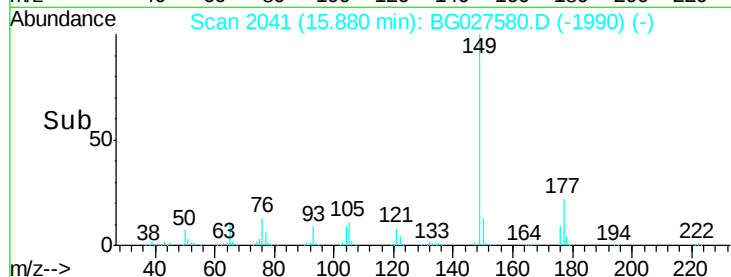
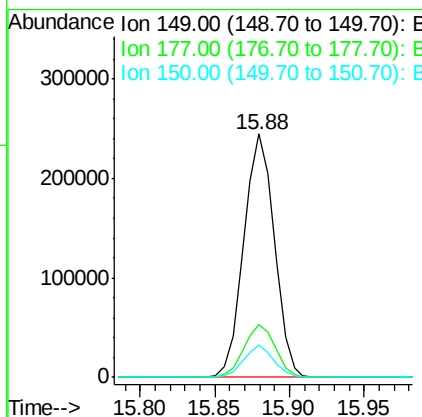
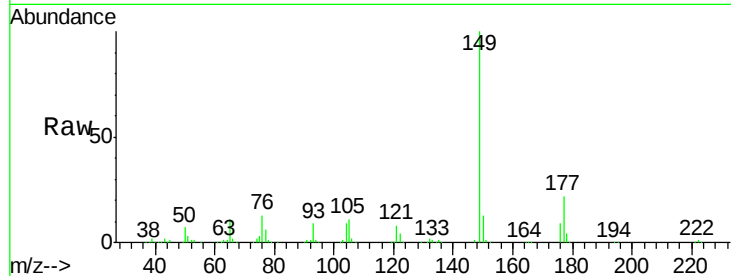
#59
Diethylphthalate
Concen: 50.615 ng
RT: 15.88 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.8	20.1	30.1
150	13.2	10.2	15.2

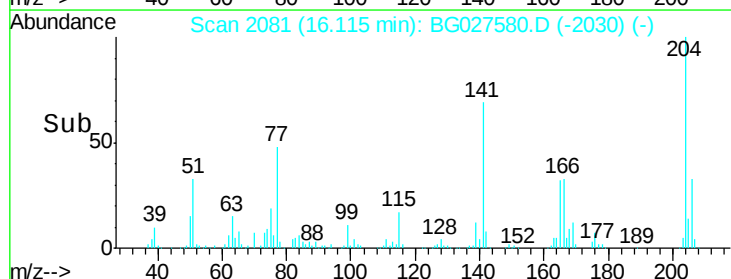
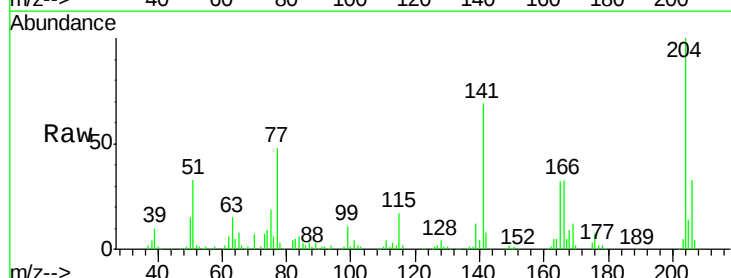
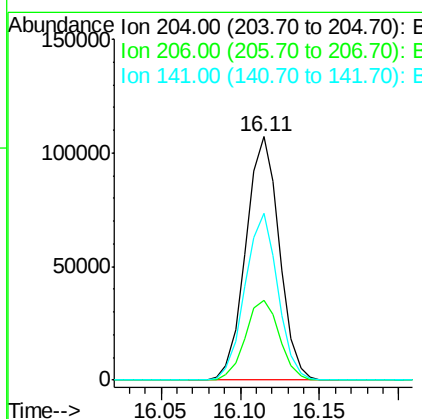
Manual Integrations
APPROVED

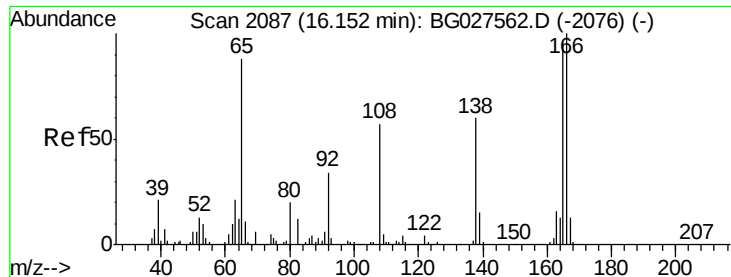
mohammad
6/22/2017 6:04:29 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.647 ng
RT: 16.11 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.9	30.1	45.1
141	68.7	50.6	76.0





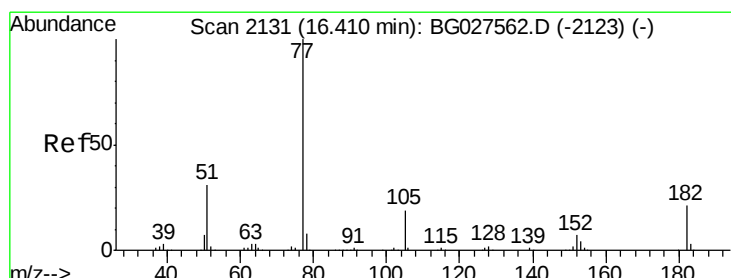
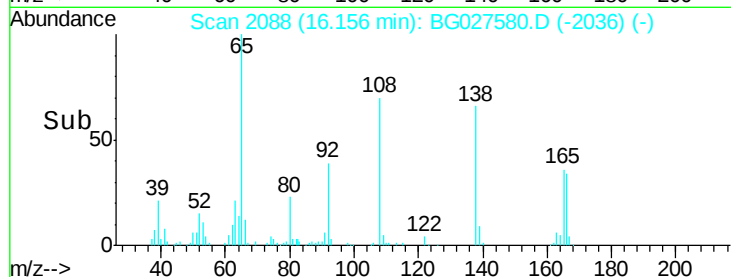
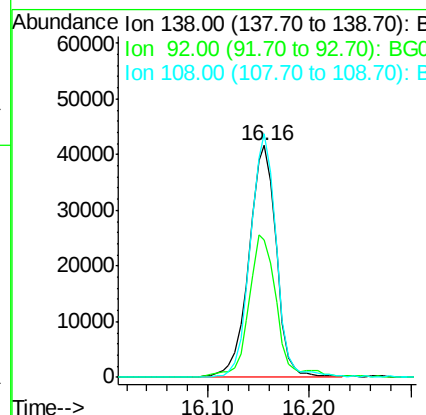
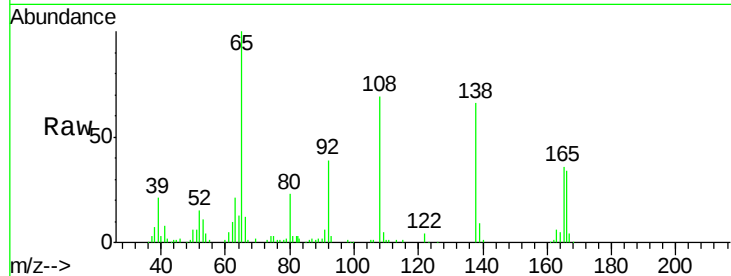
#61
4-Nitroaniline
Concen: 49.566 ng
RT: 16.16 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.0	44.2	84.2
108	105.0	104.8	144.8

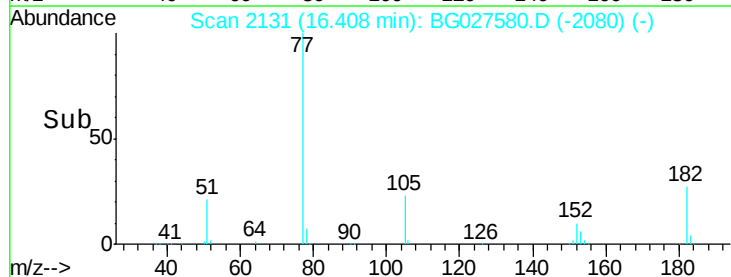
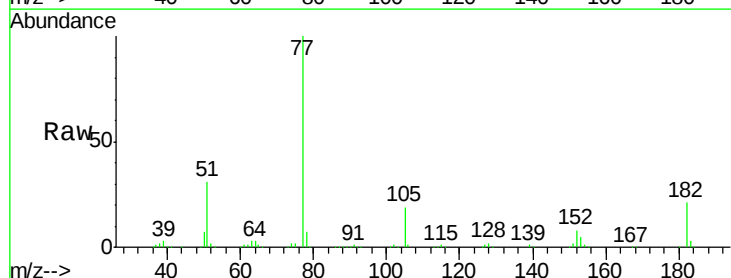
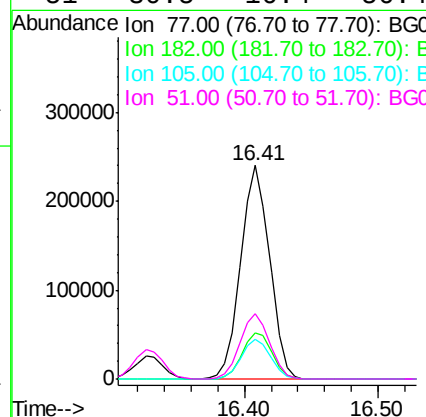
Manual Integrations
APPROVED

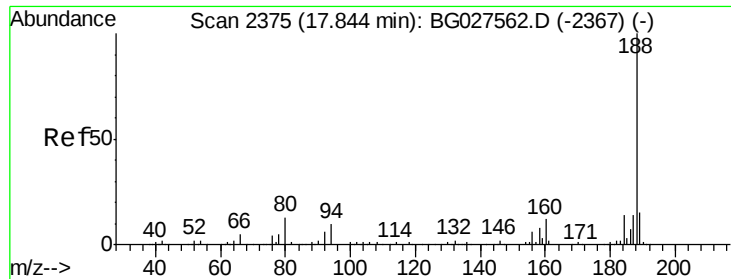
mohammad
6/22/2017 6:04:29 PM



#62
Azobenzene
Concen: 51.384 ng
RT: 16.41 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.3	4.7	44.7
105	18.8	0.0	36.3
51	30.5	16.4	56.4





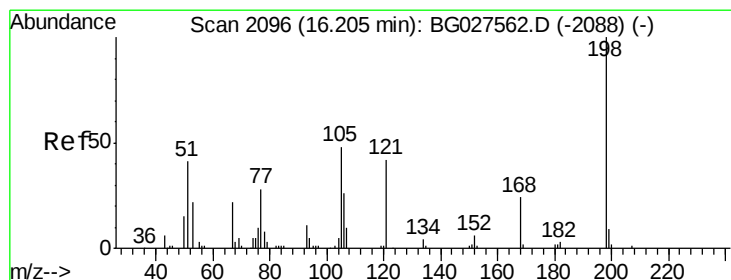
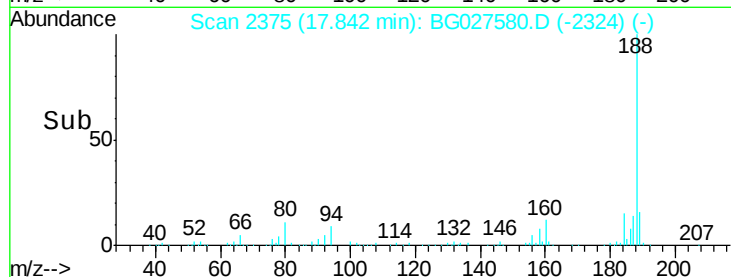
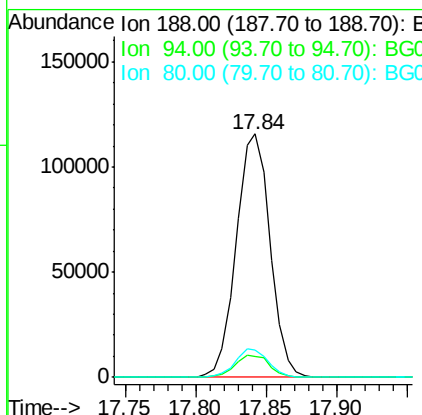
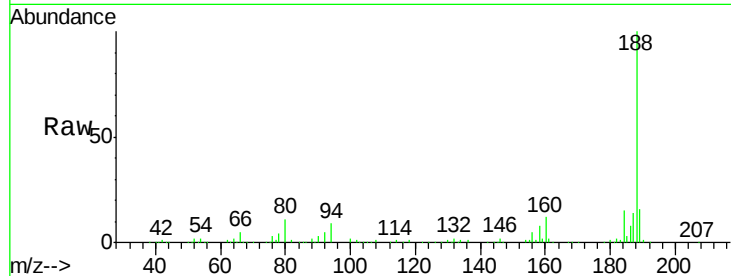
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.84 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99928BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	193479		
94	8.7		5.8	8.8
80	11.2		7.5	11.3

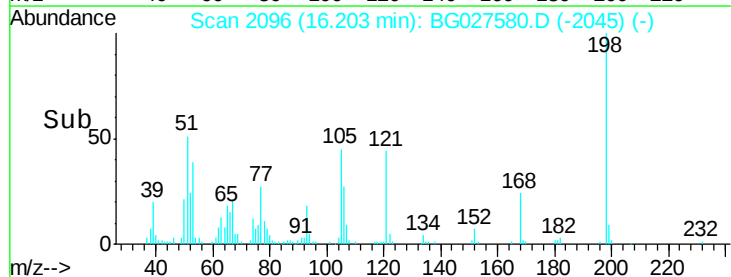
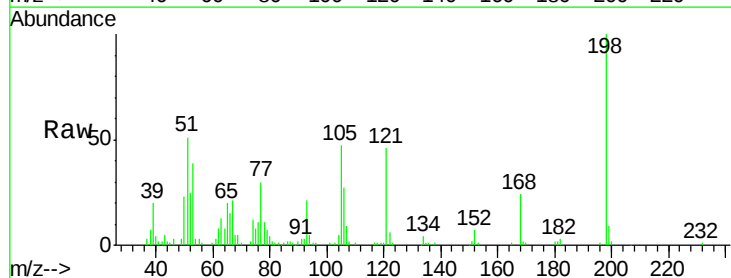
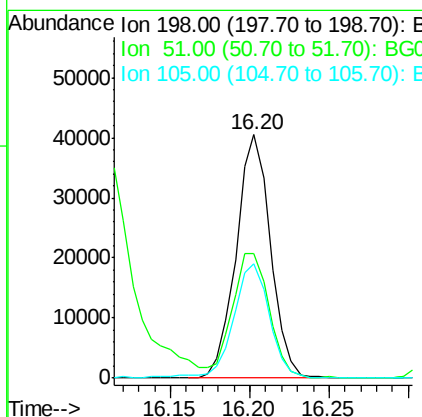
Manual Integrations
 APPROVED

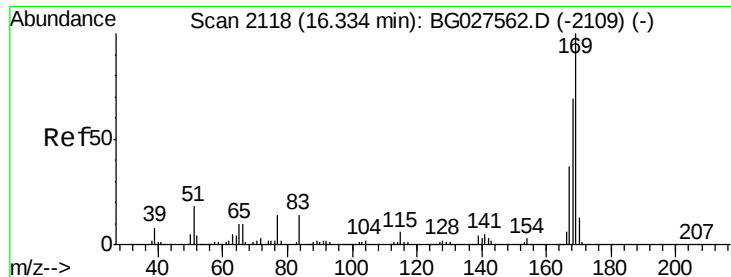
mohammad
 6/22/2017 6:04:29 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 49.388 ng
 RT: 16.20 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	60681		
51	51.4		22.6	62.6
105	47.1		14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 47.312 ng

RT: 16.33 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Instrument :

BNA_G

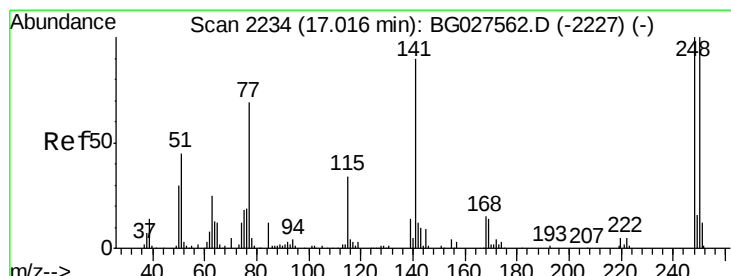
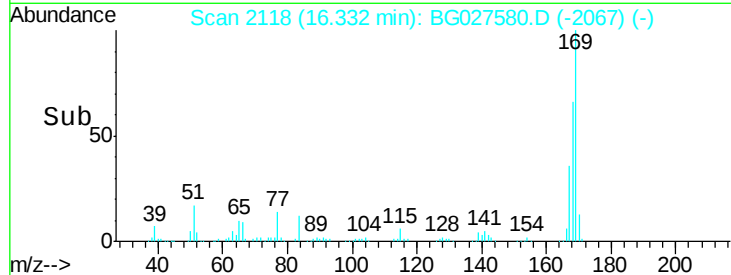
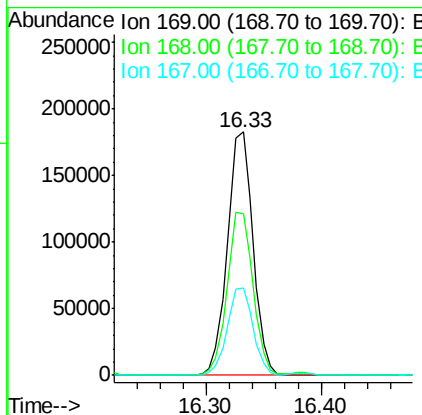
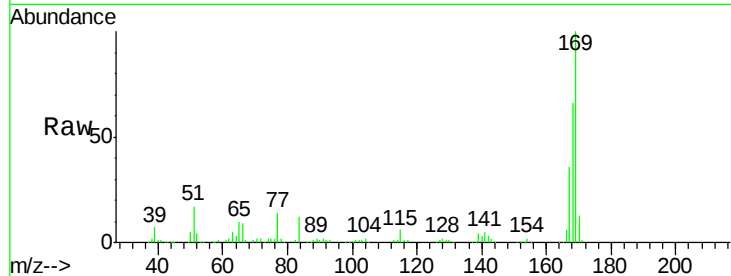
ClientSampleId :

PB99928BS

Tgt Ion:	169	Resp:	280613
Ion Ratio		Lower	Upper
169	100		
168	66.3	55.7	83.5
167	35.8	29.8	44.6

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM



#66

4-Bromophenyl-phenylether

Concen: 48.411 ng

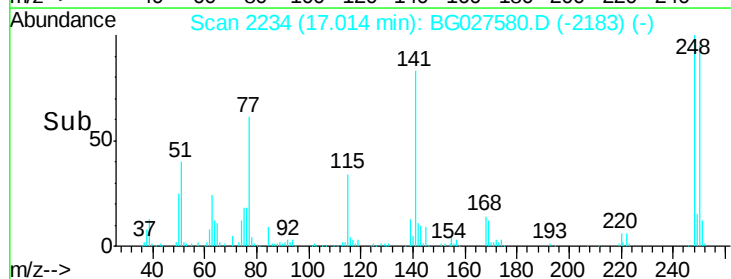
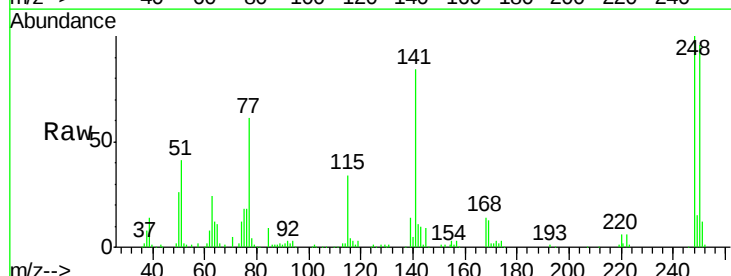
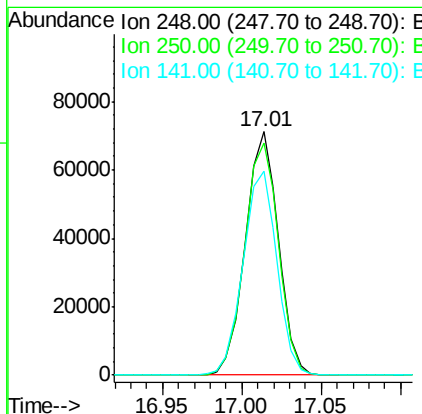
RT: 17.01 min Scan# 2234

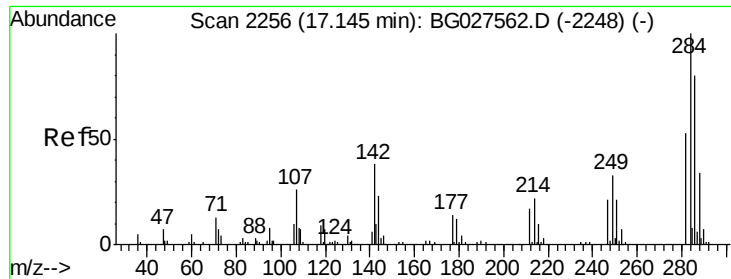
Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Tgt Ion:	248	Resp:	103014
Ion Ratio		Lower	Upper
248	100		
250	95.5	75.0	112.6
141	84.0	55.2	82.8





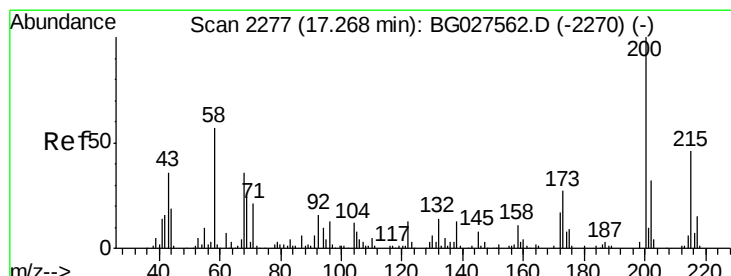
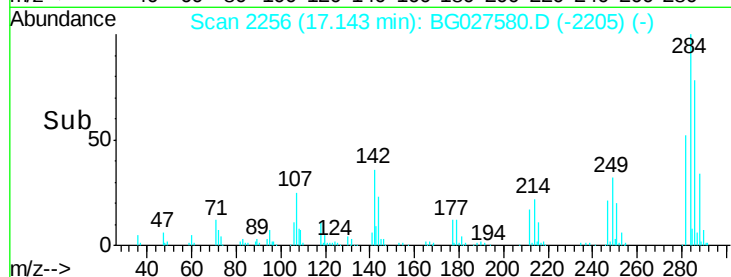
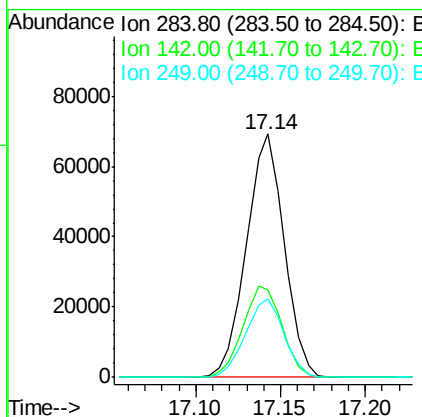
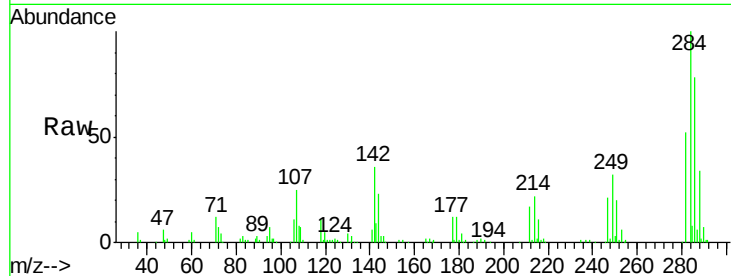
#67
Hexachlorobenzene
Concen: 47.193 ng
RT: 17.14 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	35.7	29.9	44.9
249	32.3	29.2	43.8

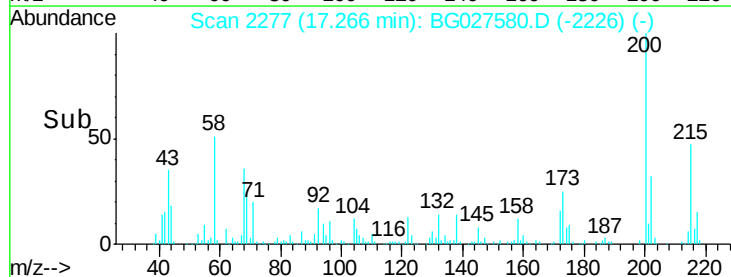
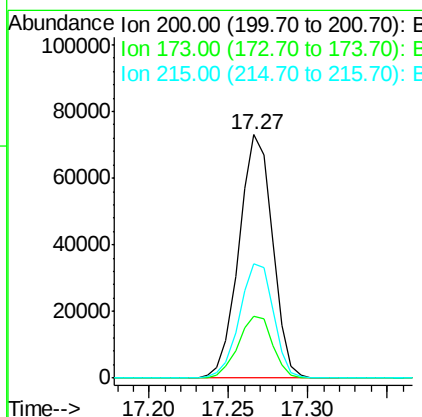
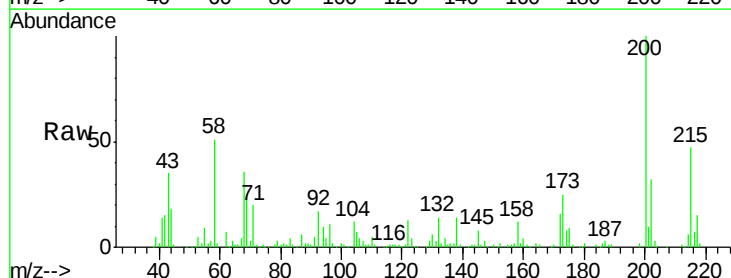
Manual Integrations
APPROVED

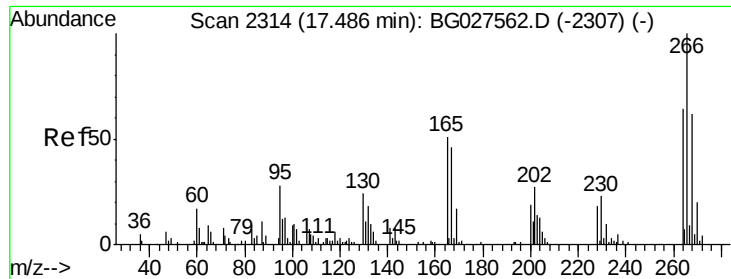
mohammad
6/22/2017 6:04:29 PM



#68
Atrazine
Concen: 49.349 ng
RT: 17.27 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.2	3.0	43.0
215	47.0	28.4	68.4





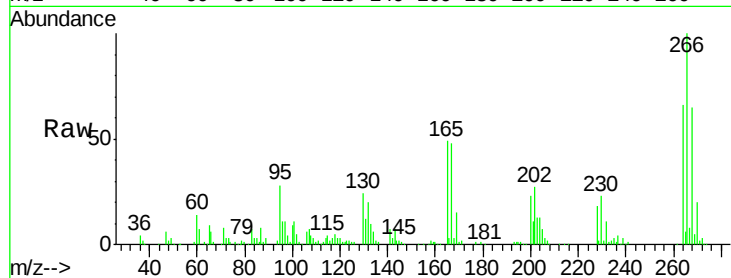
#69
 Pentachlorophenol
 Concen: 101.222 ng
 RT: 17.48 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99928BS

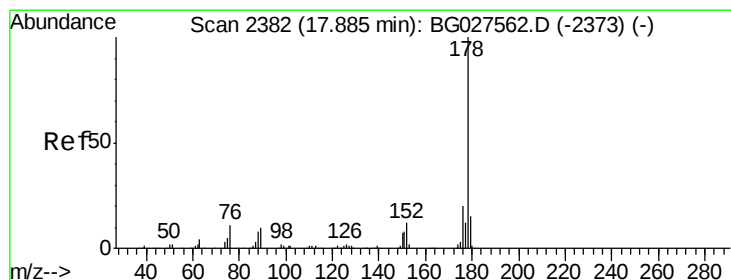
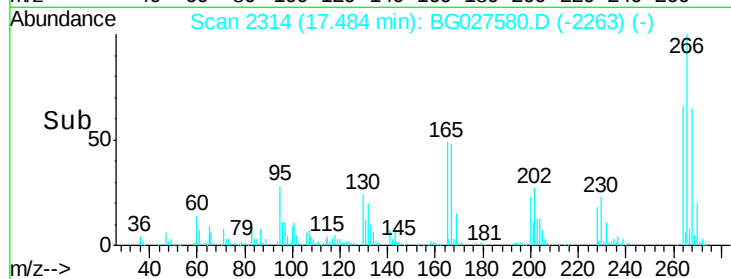
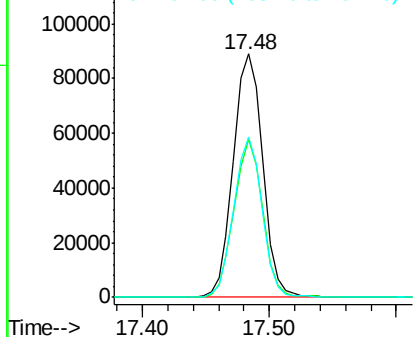
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	142981		
268	64.8	48.6	72.8	
264	65.9	50.1	75.1	

Manual Integrations
 APPROVED

mohammad
 6/22/2017 6:04:29 PM

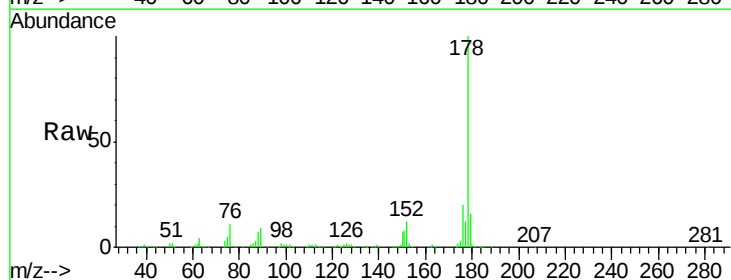


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

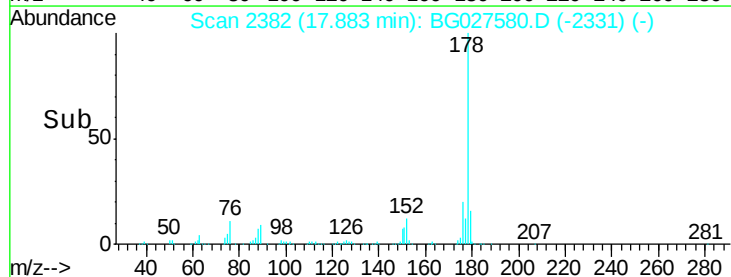
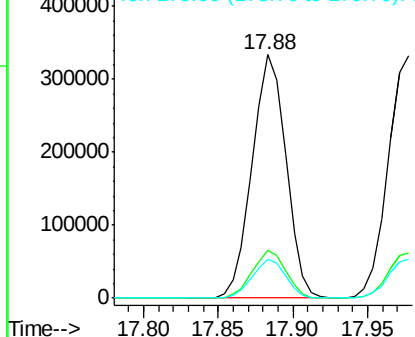


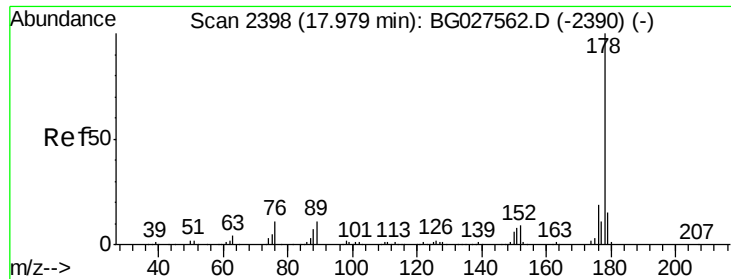
#70
 Phenanthrene
 Concen: 47.566 ng
 RT: 17.88 min Scan# 2382
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	523545		
176	19.8	17.7	26.5	
179	16.0	15.0	22.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





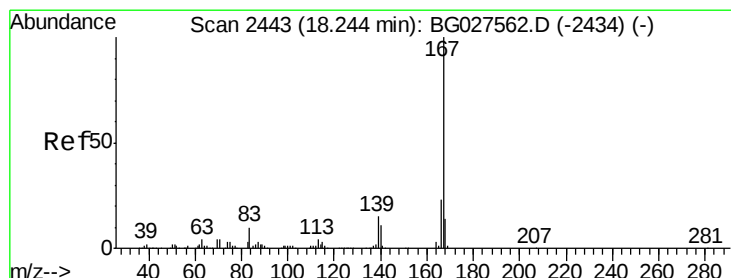
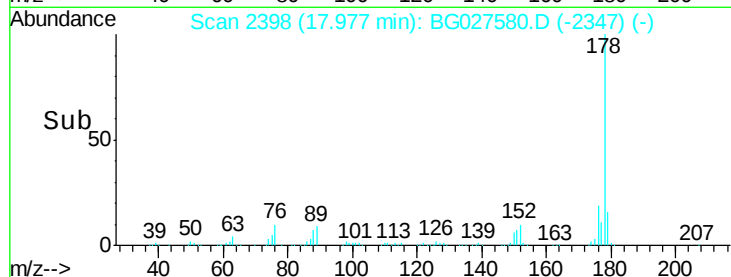
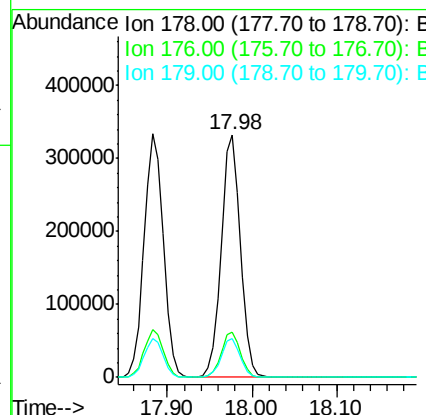
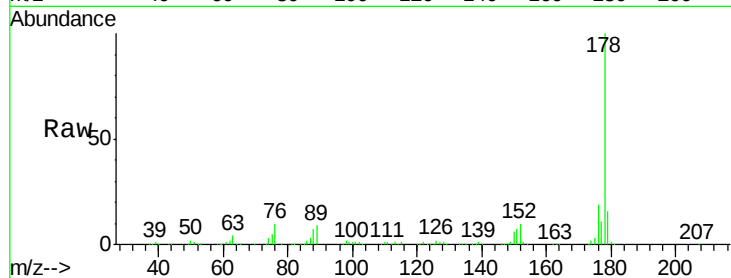
#71
 Anthracene
 Concen: 47.845 ng
 RT: 17.98 min Scan# 2398
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99928BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.4	24.6
179	16.1	13.8	20.8

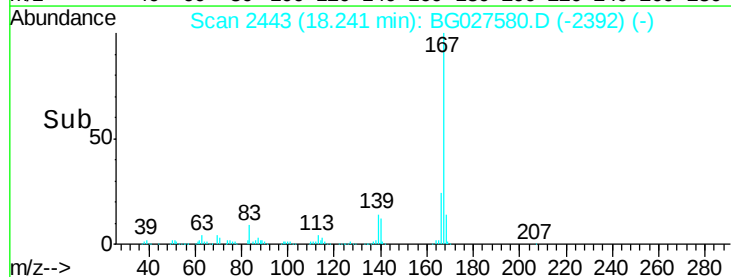
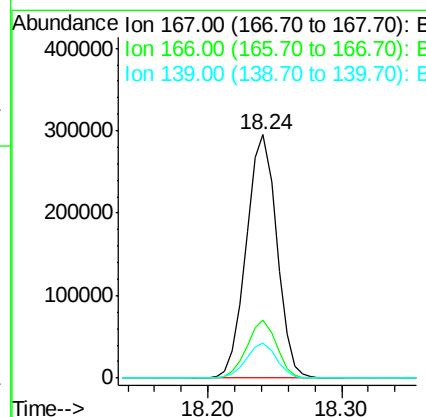
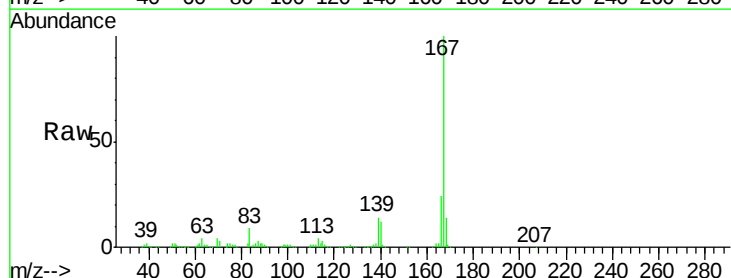
Manual Integrations
 APPROVED

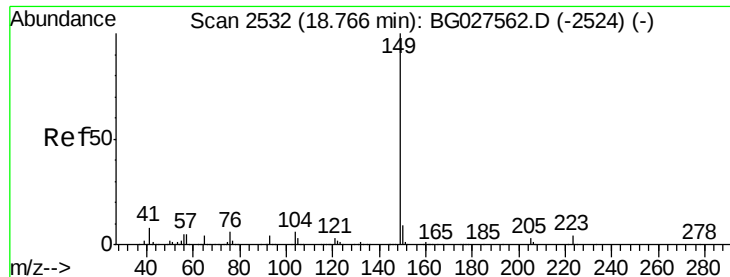
mohammad
 6/22/2017 6:04:29 PM



#72
 Carbazole
 Concen: 43.053 ng
 RT: 18.24 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	20.2	30.2
139	14.3	12.8	19.2





#73

Di-n-butylphthalate

Concen: 49.324 ng

RT: 18.76 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Instrument :

BNA_G

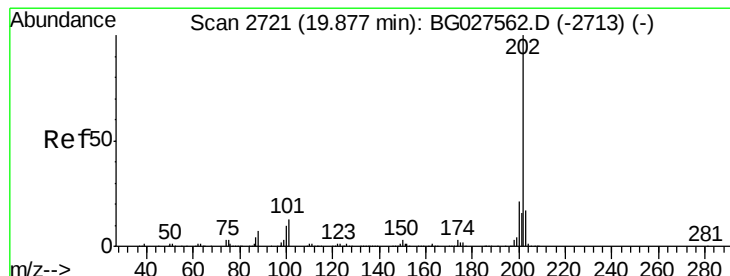
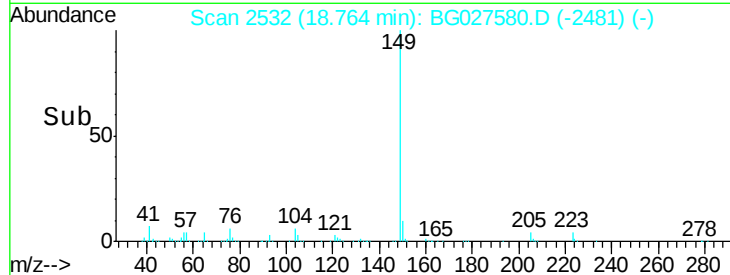
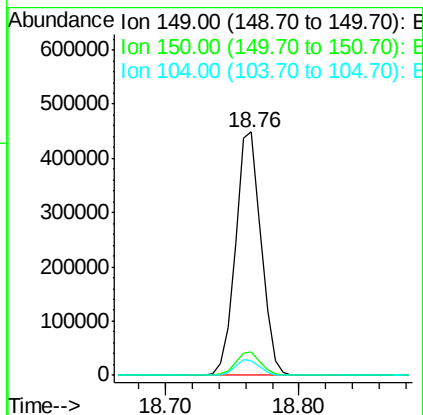
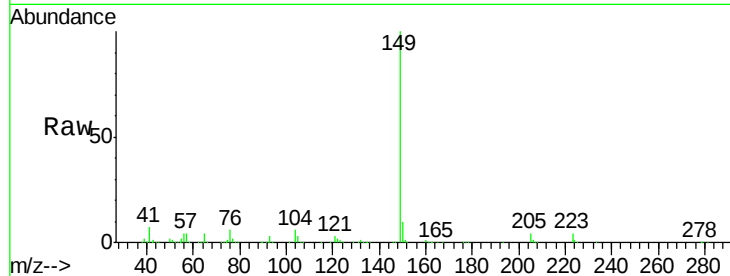
ClientSampleId :

PB99928BS

Tgt Ion:	149	Resp:	596654
Ion Ratio		Lower	Upper
149	100		
150	9.5	9.1	13.7
104	6.1	6.7	10.1#

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM



#74

Fluoranthene

Concen: 47.364 ng

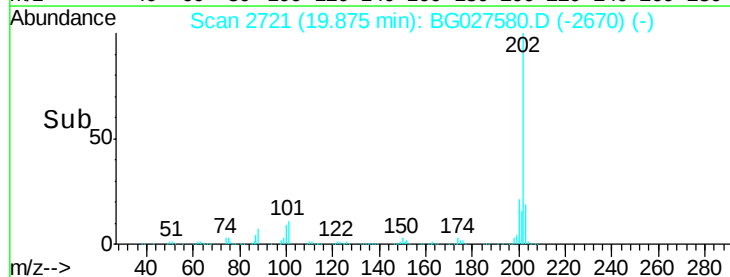
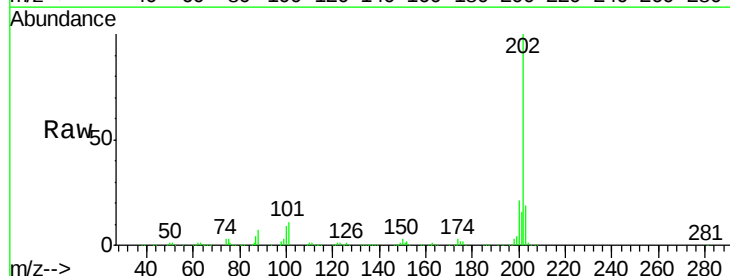
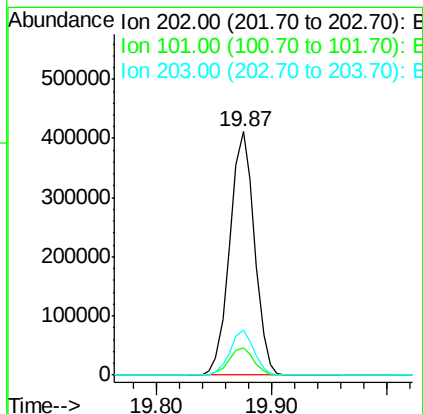
RT: 19.87 min Scan# 2721

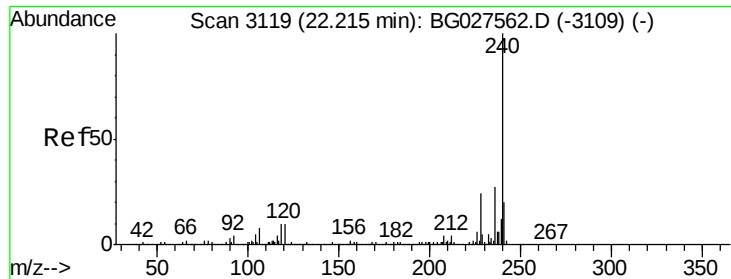
Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Tgt Ion:	202	Resp:	607370
Ion Ratio		Lower	Upper
202	100		
101	11.4	0.0	30.1
203	18.6	1.3	41.3





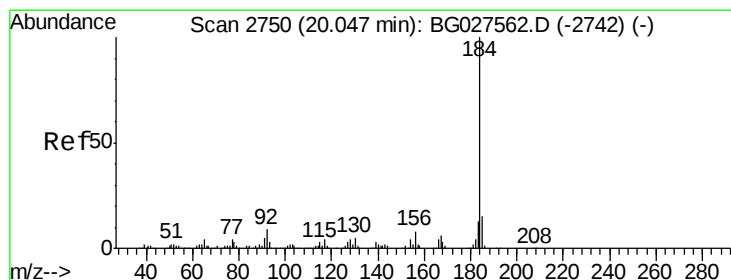
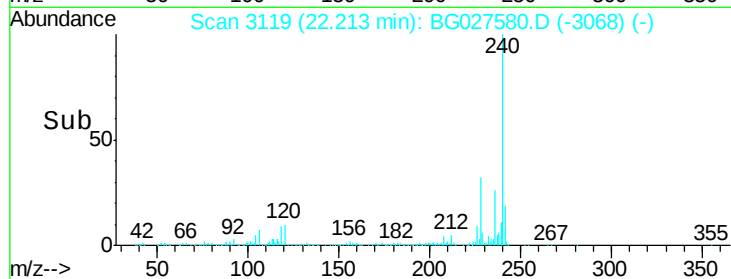
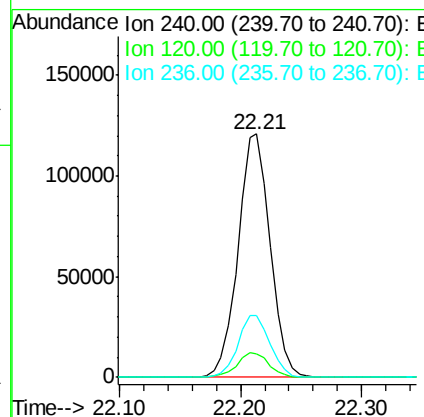
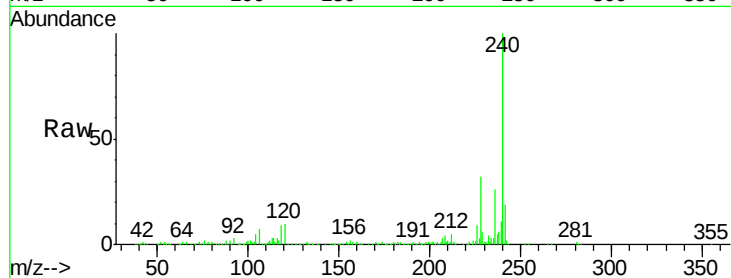
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.21 min Scan# 3119
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	5.7	8.5#
236	25.5	22.2	33.4

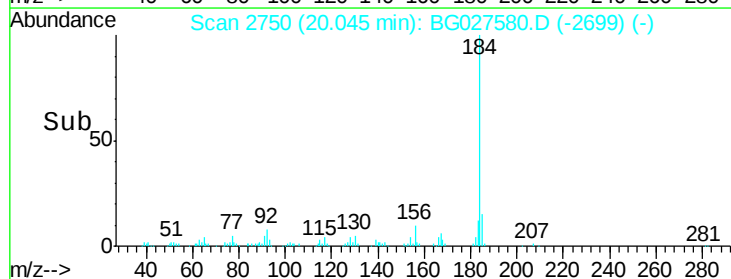
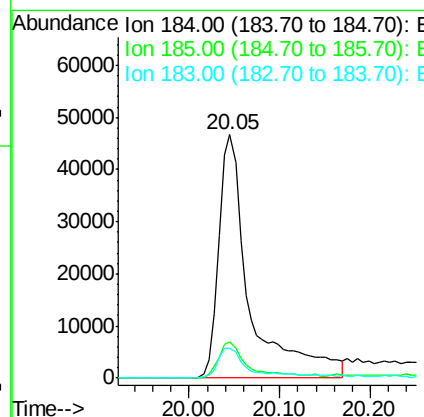
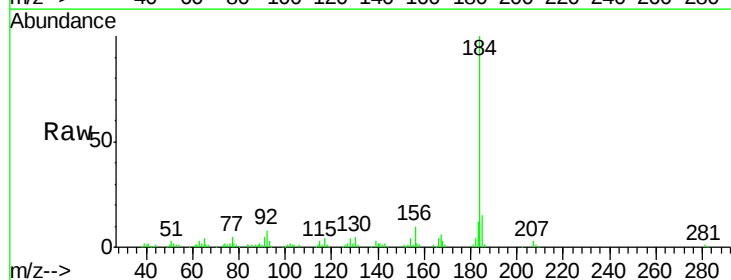
Manual Integrations
APPROVED

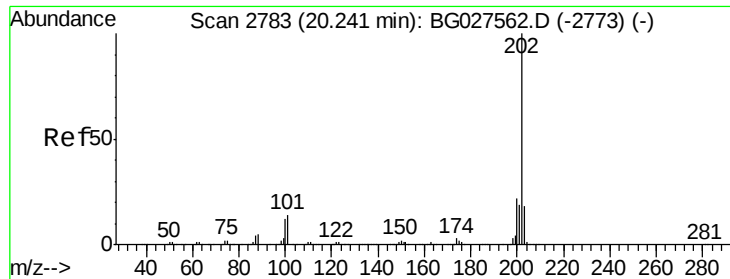
mohammad
6/22/2017 6:04:29 PM



#76
Benzidine
Concen: 20.290 ng
RT: 20.05 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.0	19.6
183	12.5	11.0	16.6





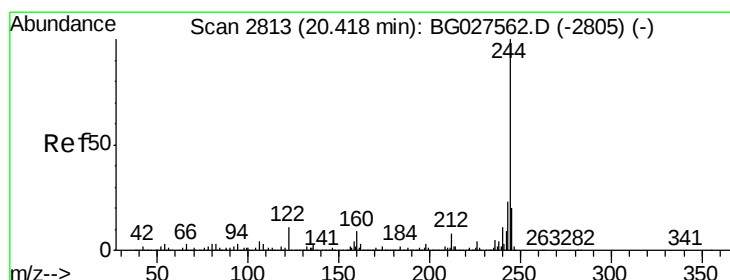
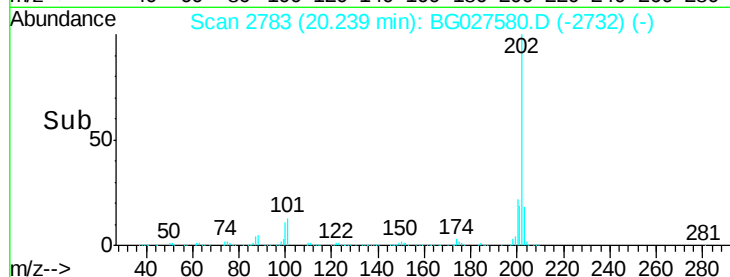
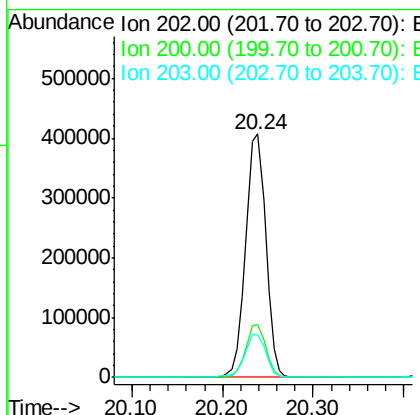
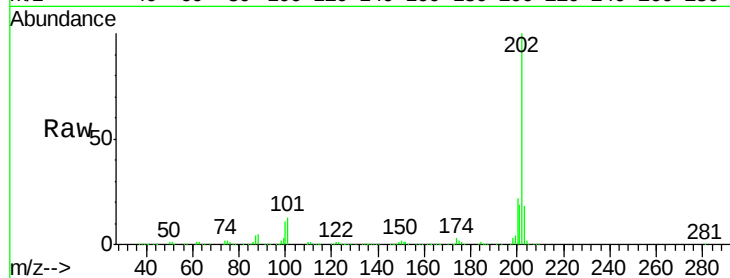
#77
 Pyrene
 Concen: 46.254 ng
 RT: 20.24 min Scan# 2783
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Instrument :
 BNA_G
 ClientSampled :
 PB99928BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.7	19.6	29.4
203	17.6	15.8	23.8

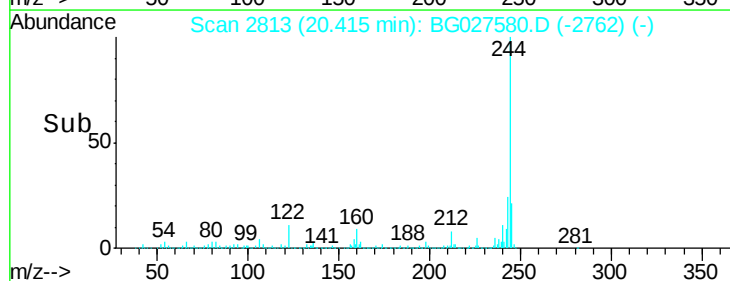
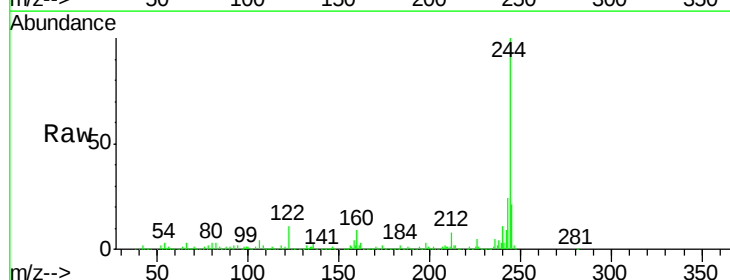
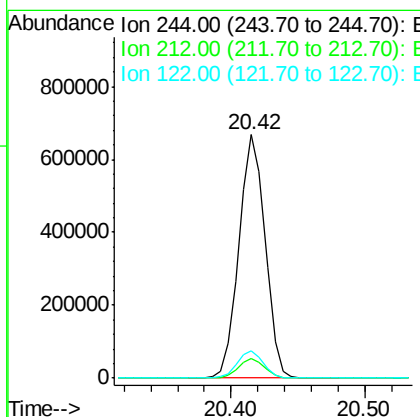
Manual Integrations
 APPROVED

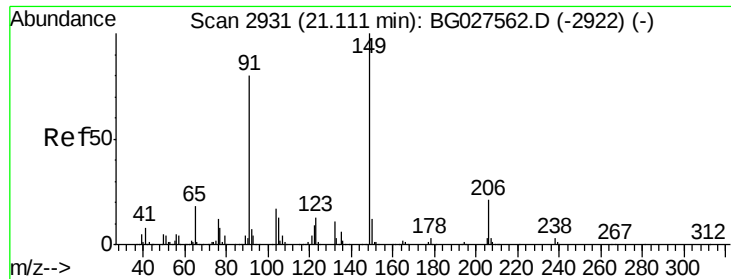
mohammad
 6/22/2017 6:04:29 PM



#78
 Terphenyl-d14
 Concen: 95.271 ng
 RT: 20.42 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.2	10.0	15.0#
122	11.0	8.6	12.8





#79

Butylbenzylphthalate

Concen: 49.452 ng

RT: 21.11 min Scan# 2931

Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Instrument :

BNA_G

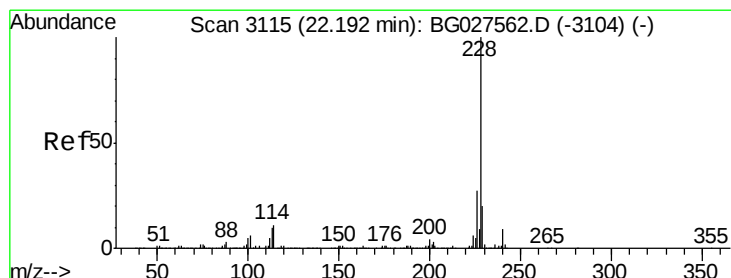
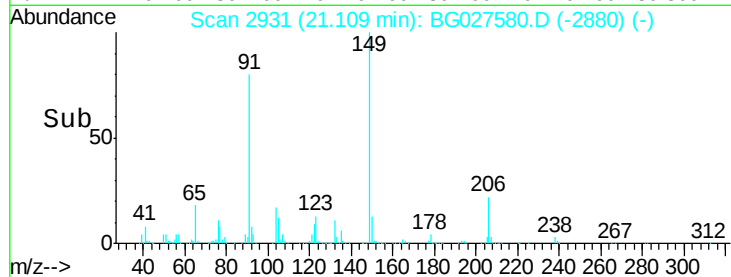
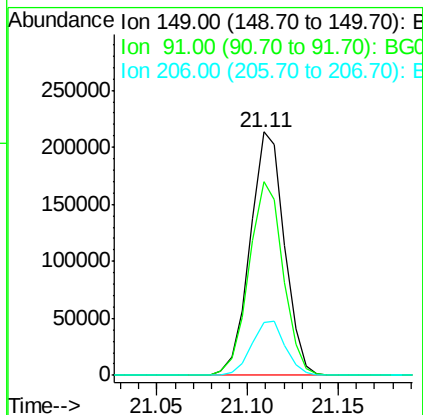
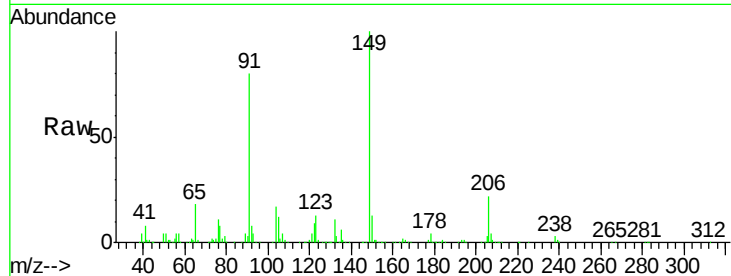
ClientSampleId :

PB99928BS

Tgt	Ion	149	Resp:	280246
	Ratio		Lower	Upper
149	100			
91	79.6	63.5	95.3	
206	21.6	21.0	31.6	

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM



#80

Benzo(a)anthracene

Concen: 46.120 ng

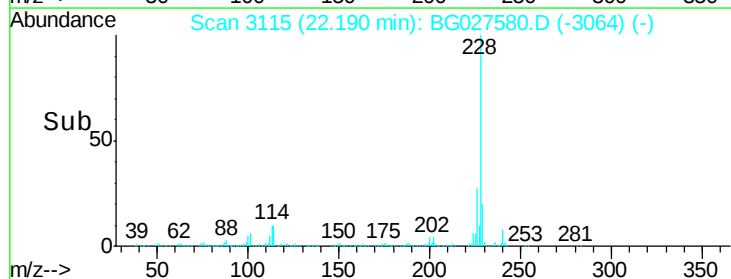
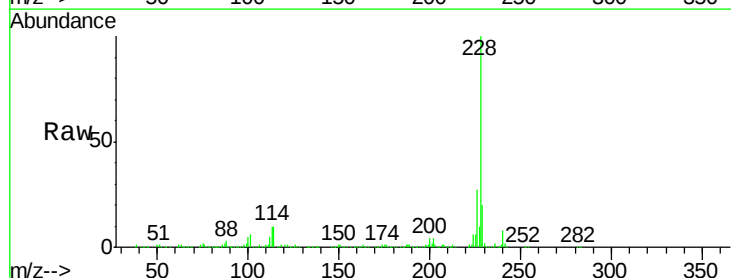
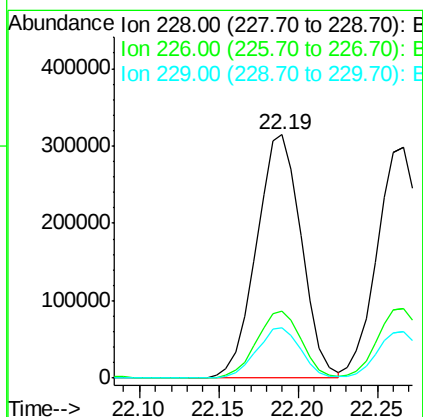
RT: 22.19 min Scan# 3115

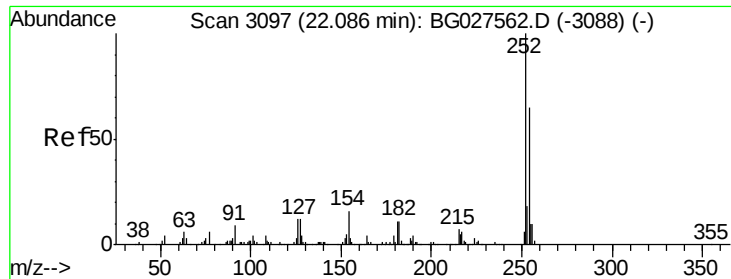
Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Tgt	Ion	228	Resp:	618070
	Ratio		Lower	Upper
228	100			
226	27.3	24.9	37.3	
229	20.4	18.2	27.2	





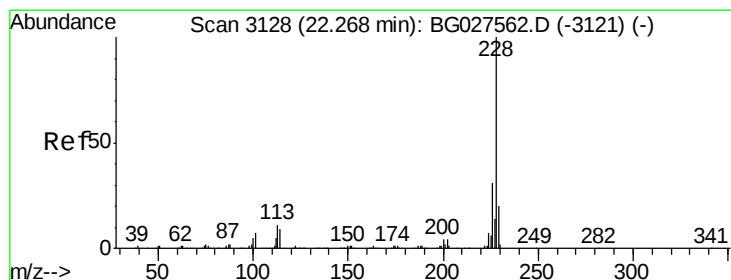
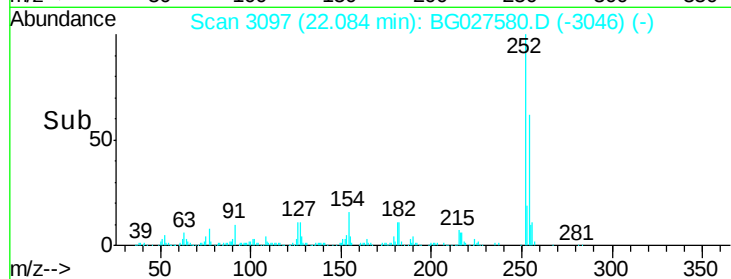
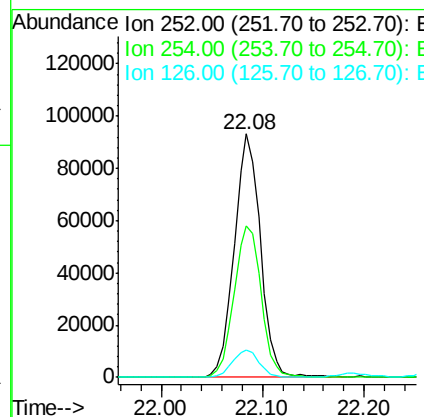
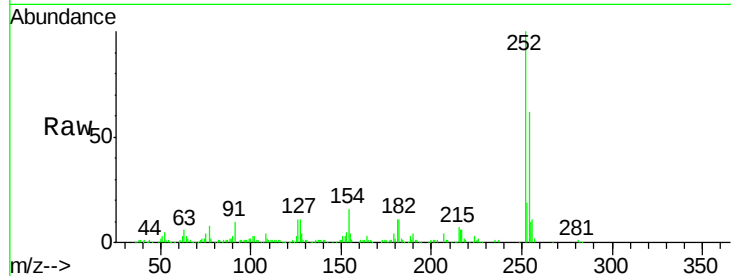
#81
 3,3'-Dichlorobenzidine
 Concen: 34.438 ng
 RT: 22.08 min Scan# 3097
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99928BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.1	53.1	79.7
126	11.1	7.0	10.4

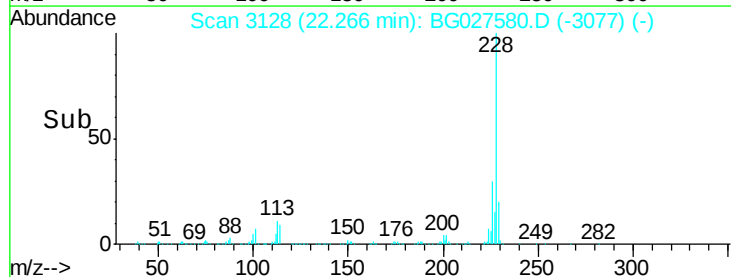
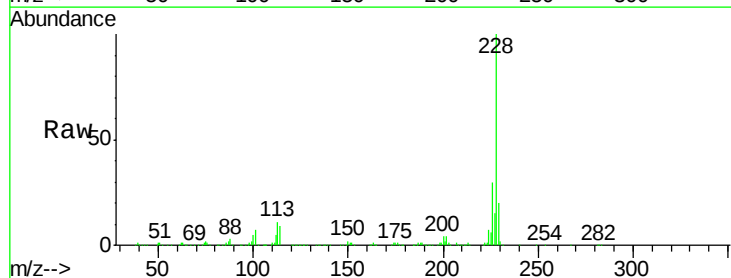
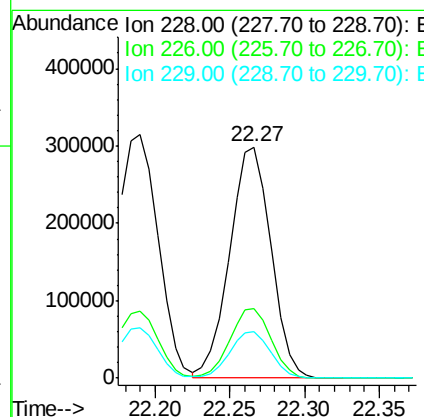
Manual Integrations
 APPROVED

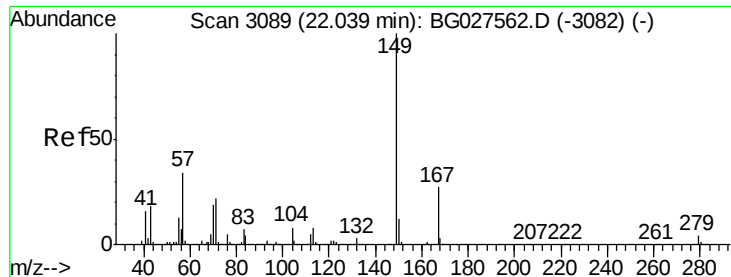
mohammad
 6/22/2017 6:04:29 PM



#82
 Chrysene
 Concen: 45.177 ng
 RT: 22.27 min Scan# 3128
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	27.0	40.4
229	20.4	17.8	26.6





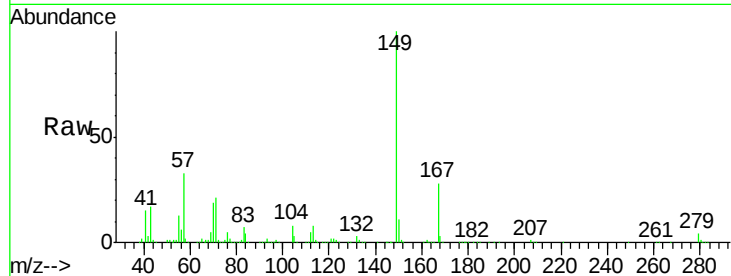
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.568 ng
 RT: 22.04 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99928BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	403432		
167	28.0	23.7	35.5	
279	4.5	4.6	6.8#	

Manual Integrations
 APPROVED

mohammad
 6/22/2017 6:04:29 PM

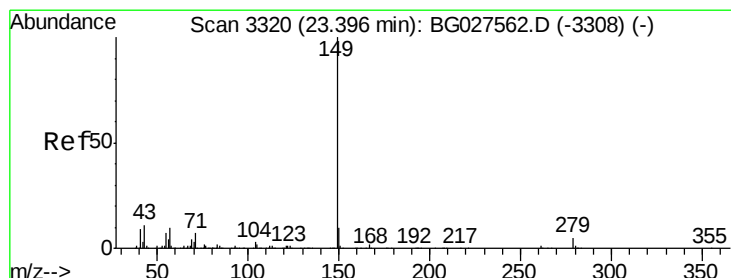
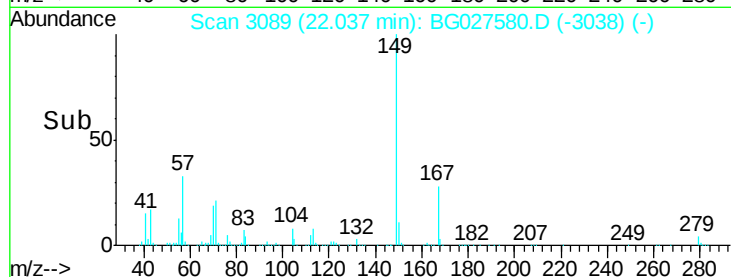
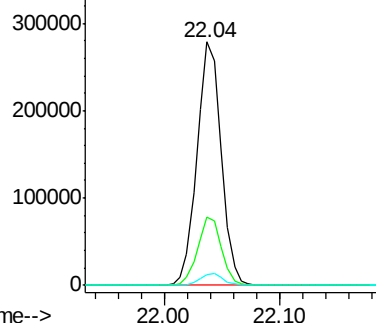


Abundance

Ion 149.00 (148.70 to 149.70): E

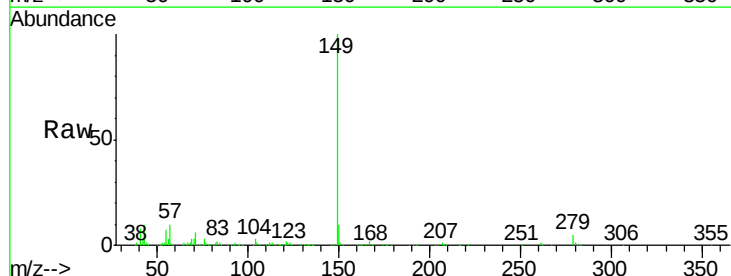
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 49.415 ng
 RT: 23.39 min Scan# 3320
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	682756		
167	1.7	1.4	2.2	
43	10.5	11.8	17.6#	

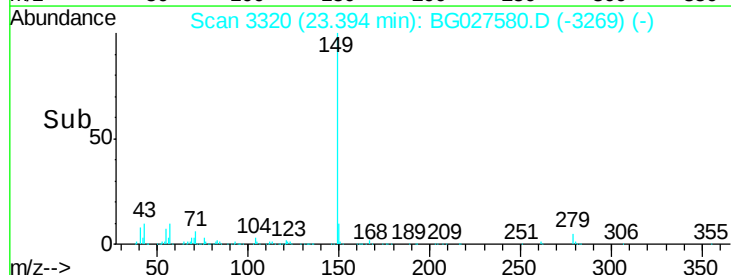
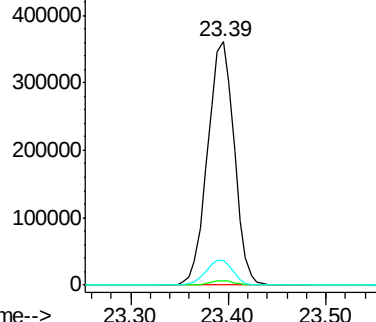


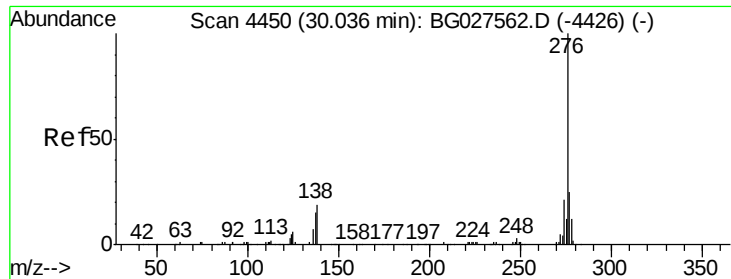
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





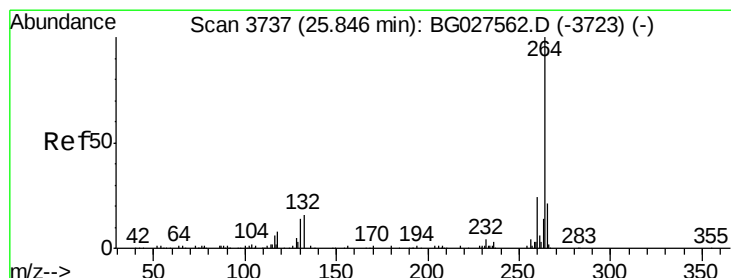
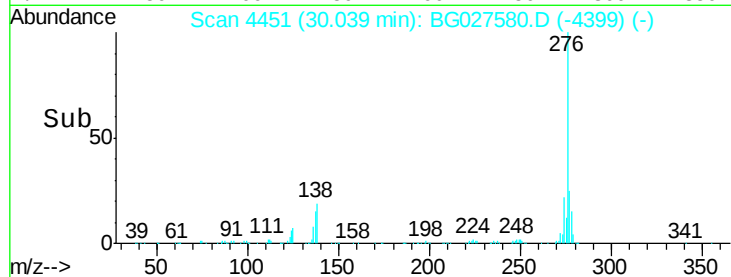
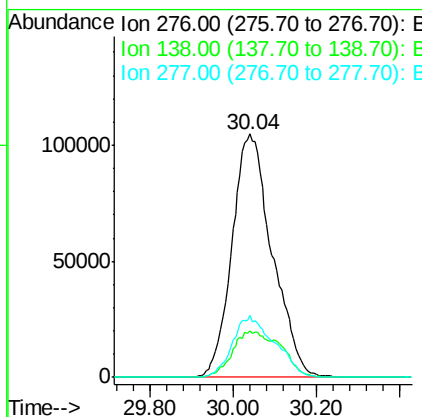
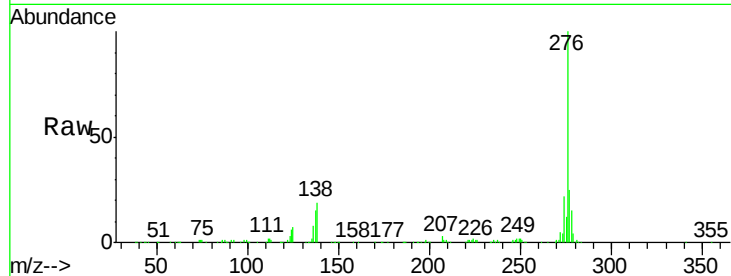
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.528 ng
 RT: 30.04 min Scan# 4451
 Delta R.T. 0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99928BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.7	4.7	7.1#
277	26.5	20.6	31.0

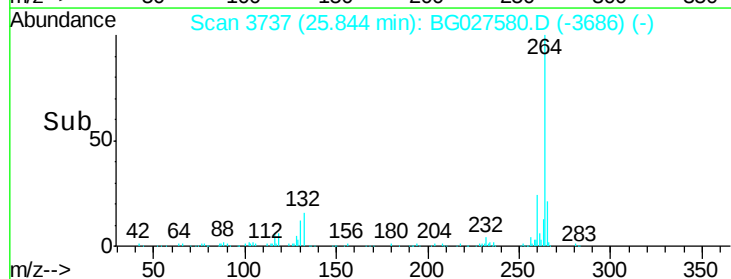
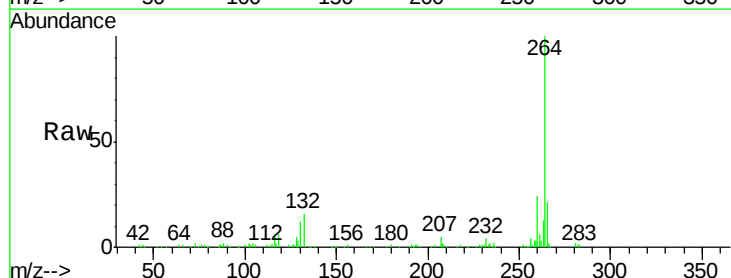
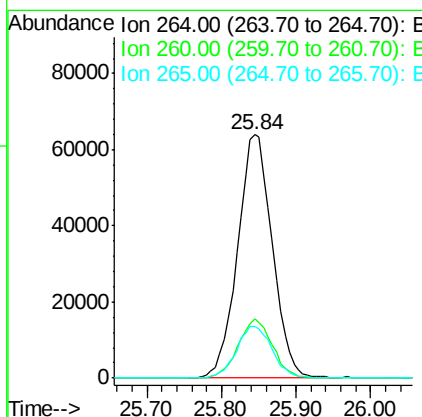
Manual Integrations
 APPROVED

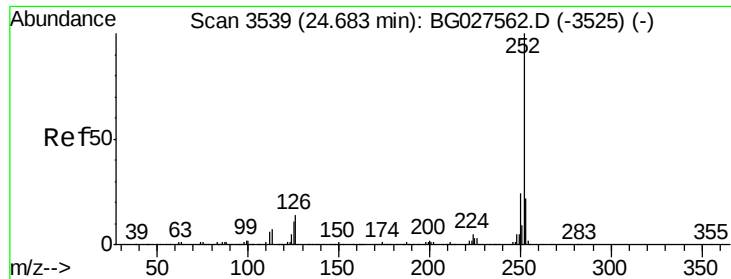
mohammad
 6/22/2017 6:04:29 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.84 min Scan# 3737
 Delta R.T. -0.00 min
 Lab File: BG027580.D
 Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	21.0	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 47.979 ng

RT: 24.68 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Instrument :

BNA_G

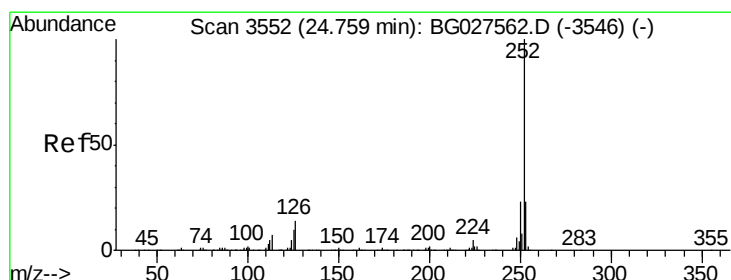
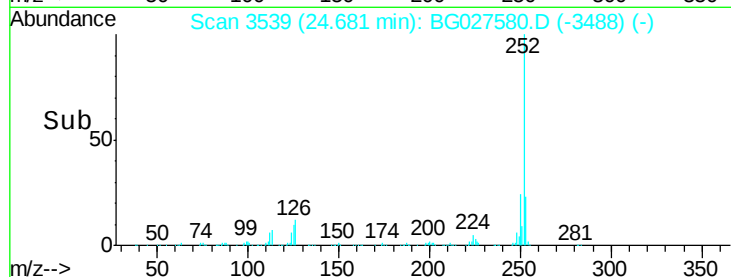
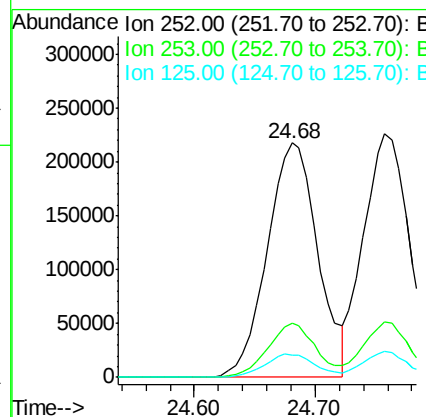
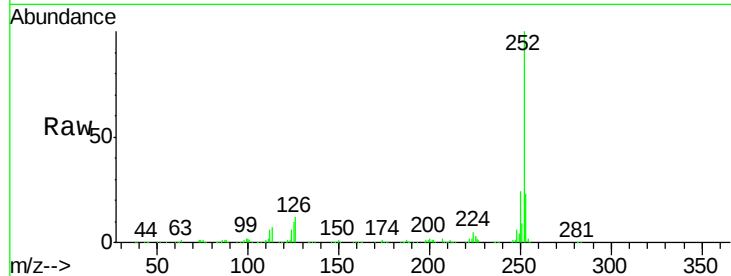
ClientSampleId :

PB99928BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	9.7	5.3	7.9#

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM



#88

Benzo(k)fluoranthene

Concen: 46.091 ng

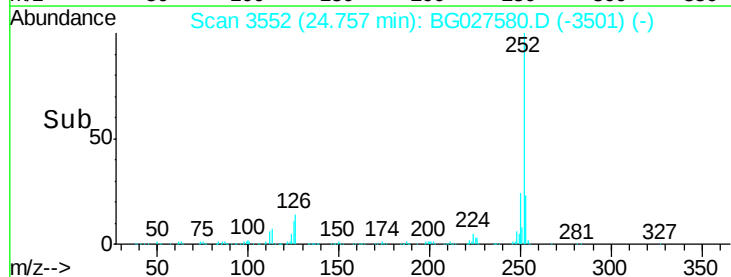
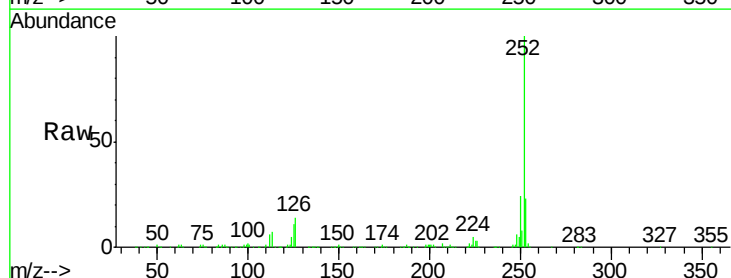
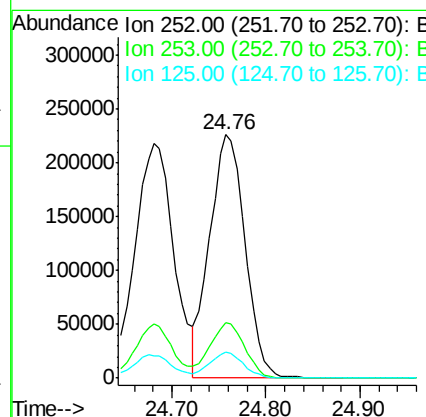
RT: 24.76 min Scan# 3552

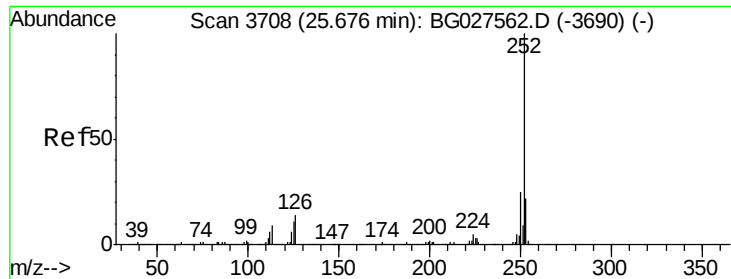
Delta R.T. -0.00 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.2	30.2
125	10.7	5.1	7.7#





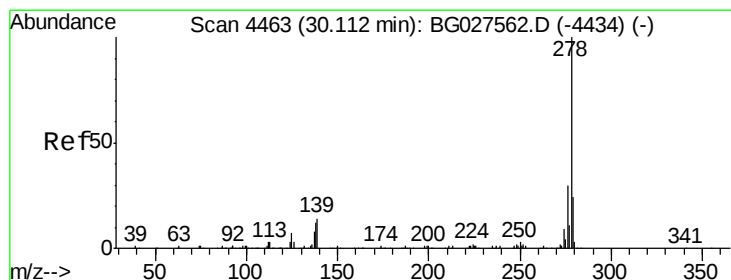
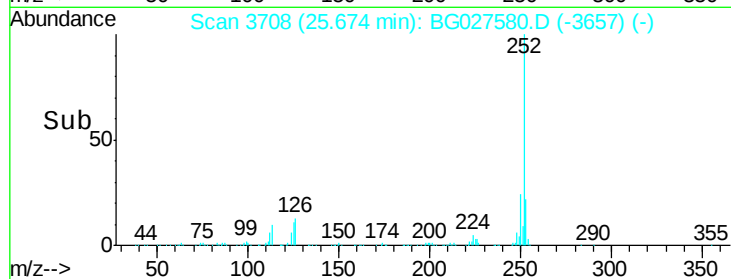
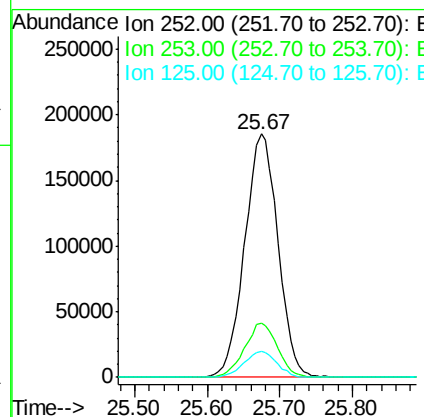
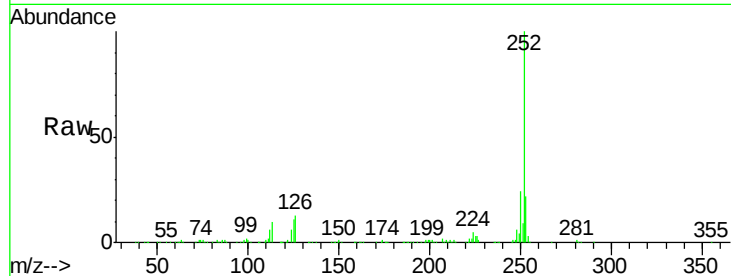
#89
Benzo(a)pyrene
Concen: 47.525 ng
RT: 25.67 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Instrument :
BNA_G
ClientSampleId :
PB99928BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.2	28.8
125	10.7	5.4	8.0

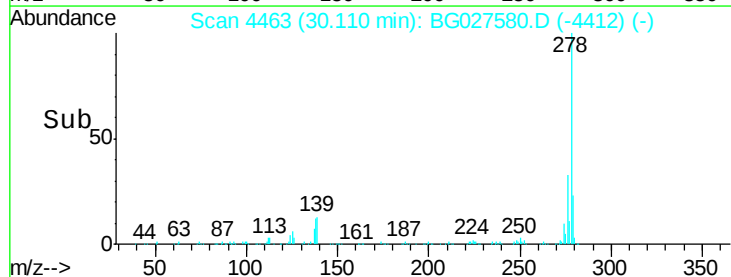
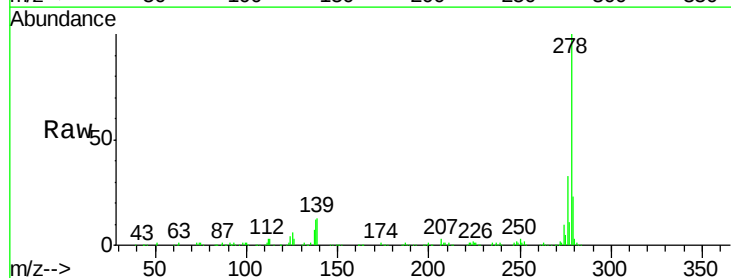
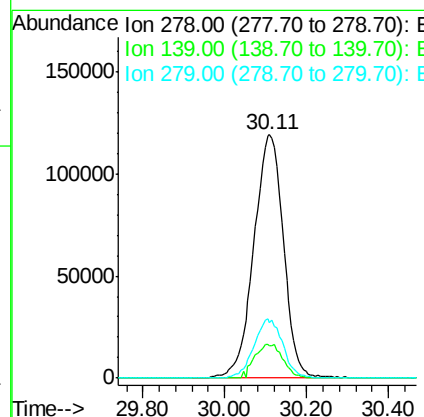
Manual Integrations
APPROVED

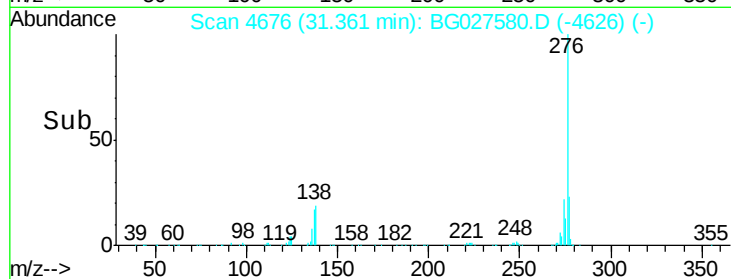
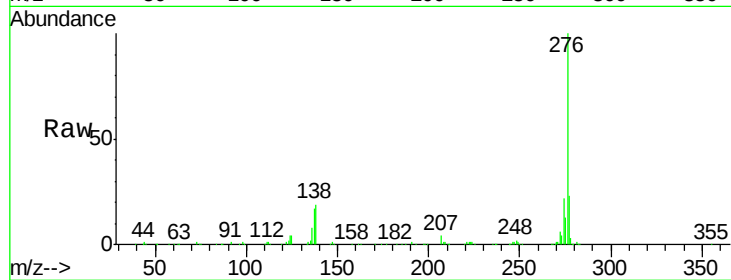
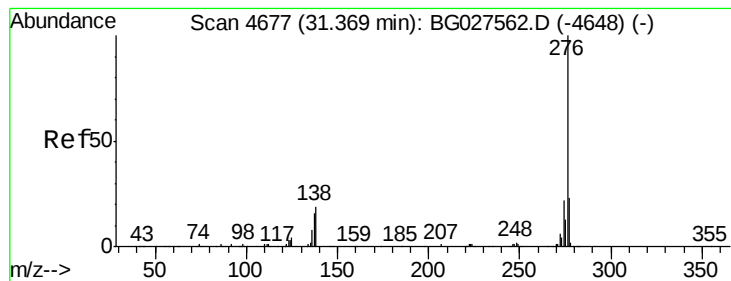
mohammad
6/22/2017 6:04:29 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.363 ng
RT: 30.11 min Scan# 4463
Delta R.T. -0.00 min
Lab File: BG027580.D
Acq: 22 Jun 2017 4:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	7.7	11.5
279	22.6	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 46.795 ng

RT: 31.36 min Scan# 4676

Delta R.T. -0.01 min

Lab File: BG027580.D

Acq: 22 Jun 2017 4:28

Instrument :

BNA_G

ClientSampleId :

PB99928BS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.5	18.6	27.8		
138	18.6	8.1	12.1		

Manual Integrations
APPROVED

mohammad
6/22/2017 6:04:29 PM

