

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027290.D
 Acq On : 7 Jun 2017 19:18
 Operator : SJ/MA
 Sample : PB99548BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BS

Manual Integrations
 APPROVED

mohammad
 6/8/2017 2:22:58 PM

Quant Time: Jun 08 06:50:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	54578	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	274222	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	185403	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	416830	20.00	ng	-0.03
75) Chrysene-d12	22.28	240	443204	20.00	ng	-0.03
86) Perylene-d12	25.97	264	407561	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	6.14	112	518993	145.11	ng	-0.02
7) Phenol-d6	7.69	99	756561	144.10	ng	0.00
23) Nitrobenzene-d5	9.73	82	414315	95.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	338465	138.63	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1062038	80.14	ng	-0.02
78) Terphenyl-d14	20.47	244	1452729	83.62	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.16	88	42933	28.95	ng	# 83
3) Pyridine	4.53	79	135657	29.67	ng	# 73
4) n-Nitrosodimethylamine	4.44	42	67195	39.70	ng	# 46
6) Aniline	7.89	93	241256	36.49	ng	# 93
8) 2-Chlorophenol	8.13	128	173186	45.86	ng	92
9) Benzaldehyde	7.71	77	82809	22.81	ng	87
10) Phenol	7.72	94	259956	48.42	ng	# 76
11) bis(2-Chloroethyl)ether	7.96	93	169242	38.42	ng	87
12) 1,3-Dichlorobenzene	8.45	146	154941m	36.37	ng	
13) 1,4-Dichlorobenzene	8.59	146	161506	36.94	ng	96
14) 1,2-Dichlorobenzene	8.92	146	155260	36.41	ng	93
15) Benzyl Alcohol	8.79	79	175858	47.54	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	9.07	45	266213	42.24	ng	93
17) 2-Methylphenol	8.97	107	173563	45.73	ng	# 87
18) Hexachloroethane	9.65	117	54657	37.12	ng	87
19) n-Nitroso-di-n-propylamine	9.35	70	149735	40.77	ng	# 85
20) 3+4-Methylphenols	9.30	107	240620	45.77	ng	88
22) Acetophenone	9.37	105	275191	39.24	ng	# 84
24) Nitrobenzene	9.77	77	210026	42.28	ng	# 86
25) Isophorone	10.29	82	427385	41.68	ng	# 96
26) 2-Nitrophenol	10.48	139	89538	44.36	ng	# 77
27) 2,4-Dimethylphenol	10.51	122	205079	46.52	ng	93
28) bis(2-Chloroethoxy)methane	10.76	93	266772	40.18	ng	100
29) 2,4-Dichlorophenol	11.01	162	185153	46.01	ng	96
30) 1,2,4-Trichlorobenzene	11.24	180	165764	37.20	ng	98
31) Naphthalene	11.43	128	556691	37.14	ng	99
32) Benzoic acid	10.63	122	118039	40.26	ng	# 86
33) 4-Chloroaniline	11.52	127	140081	22.43	ng	# 89
34) Hexachlorobutadiene	11.70	225	96355	35.18	ng	98
35) Caprolactam	12.30	113	71527m	51.82	ng	
36) 4-Chloro-3-methylphenol	12.59	107	236456	46.88	ng	95
37) 2-Methylnaphthalene	12.99	142	428421m	39.19	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	208646	36.12	ng	98
40) Hexachlorocyclopentadiene	13.33	237	274146	89.18	ng	96

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027290.D
 Acq On : 7 Jun 2017 19:18
 Operator : SJ/MA
 Sample : PB99548BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BS

Manual Integrations
 APPROVED

mohammad
 6/8/2017 2:22:58 PM

Quant Time: Jun 08 06:50:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	153506	43.82	nq	99
43) 2,4,5-Trichlorophenol	13.65	196	171035	43.63	nq	95
45) 1,1'-Biphenyl	13.97	154	576293	38.08	nq	98
46) 2-Chloronaphthalene	14.03	162	437349	38.55	nq	99
47) 2-Nitroaniline	14.22	65	153112	47.53	nq #	87
48) Acenaphthylene	14.87	152	714156	37.19	nq	98
49) Dimethylphthalate	14.58	163	605871	41.19	nq	98
50) 2,6-Dinitrotoluene	14.70	165	126587	43.03	nq #	78
51) Acenaphthene	15.21	154	500588	40.08	nq	99
52) 3-Nitroaniline	15.03	138	97475	33.11	nq	91
53) 2,4-Dinitrophenol	15.23	184	101406	73.28	nq	96
54) Dibenzofuran	15.54	168	716617	41.06	nq	92
55) 4-Nitrophenol	15.31	139	214122	77.30	nq #	58
56) 2,4-Dinitrotoluene	15.48	165	177602	46.69	nq #	86
57) Fluorene	16.18	166	585495	37.77	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.75	232	160273	45.80	nq	98
59) Diethylphthalate	15.93	149	606815	41.36	nq	97
60) 4-Chlorophenyl-phenylether	16.17	204	302087	38.68	nq	96
61) 4-Nitroaniline	16.20	138	133547	42.83	nq #	67
62) Azobenzene	16.46	77	618626	45.50	nq	90
64) 4,6-Dinitro-2-methylphenol	16.24	198	85193	46.55	nq	87
65) n-Nitrosodiphenylamine	16.38	169	524648	40.15	nq	99
66) 4-Bromophenyl-phenylether	17.07	248	200334	40.61	nq	97
67) Hexachlorobenzene	17.19	284	212296	40.01	nq	91
68) Atrazine	17.32	200	185230	42.39	nq	96
69) Pentachlorophenol	17.53	266	240017	77.17	nq	97
70) Phenanthrene	17.93	178	929300	39.63	nq	96
71) Anthracene	18.02	178	928504	39.52	nq	98
72) Carbazole	18.29	167	791414	35.71	nq	95
73) Di-n-butylphthalate	18.82	149	922733	42.94	nq #	93
74) Fluoranthene	19.92	202	973690	38.86	nq	94
76) Benzidine	20.09	184	344849	25.83	nq	97
77) Pyrene	20.29	202	1000988	37.38	nq	95
79) Butylbenzylphthalate	21.17	149	397446	42.00	nq	93
80) Benzo(a)anthracene	22.25	228	1000925	39.60	nq	96
81) 3,3'-Dichlorobenzidine	22.15	252	257744	26.21	nq #	98
82) Chrysene	22.33	228	930944	38.36	nq	96
83) Bis(2-ethylhexyl)phthalate	22.12	149	574148	40.15	nq	99
84) Di-n-octyl phthalate	23.50	149	980706	41.41	nq #	89
85) Indeno(1,2,3-cd)pyrene	30.22	276	1157802	39.40	nq #	89
87) Benzo(b)fluoranthene	24.79	252	988487	39.11	nq #	96
88) Benzo(k)fluoranthene	24.87	252	976787	39.39	nq #	93
89) Benzo(a)pyrene	25.79	252	960718	40.38	nq #	94
90) Dibenzo(a,h)anthracene	30.30	278	999059	40.11	nq #	94
91) Benzo(g,h,i)perylene	31.56	276	943292	39.10	nq #	90

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

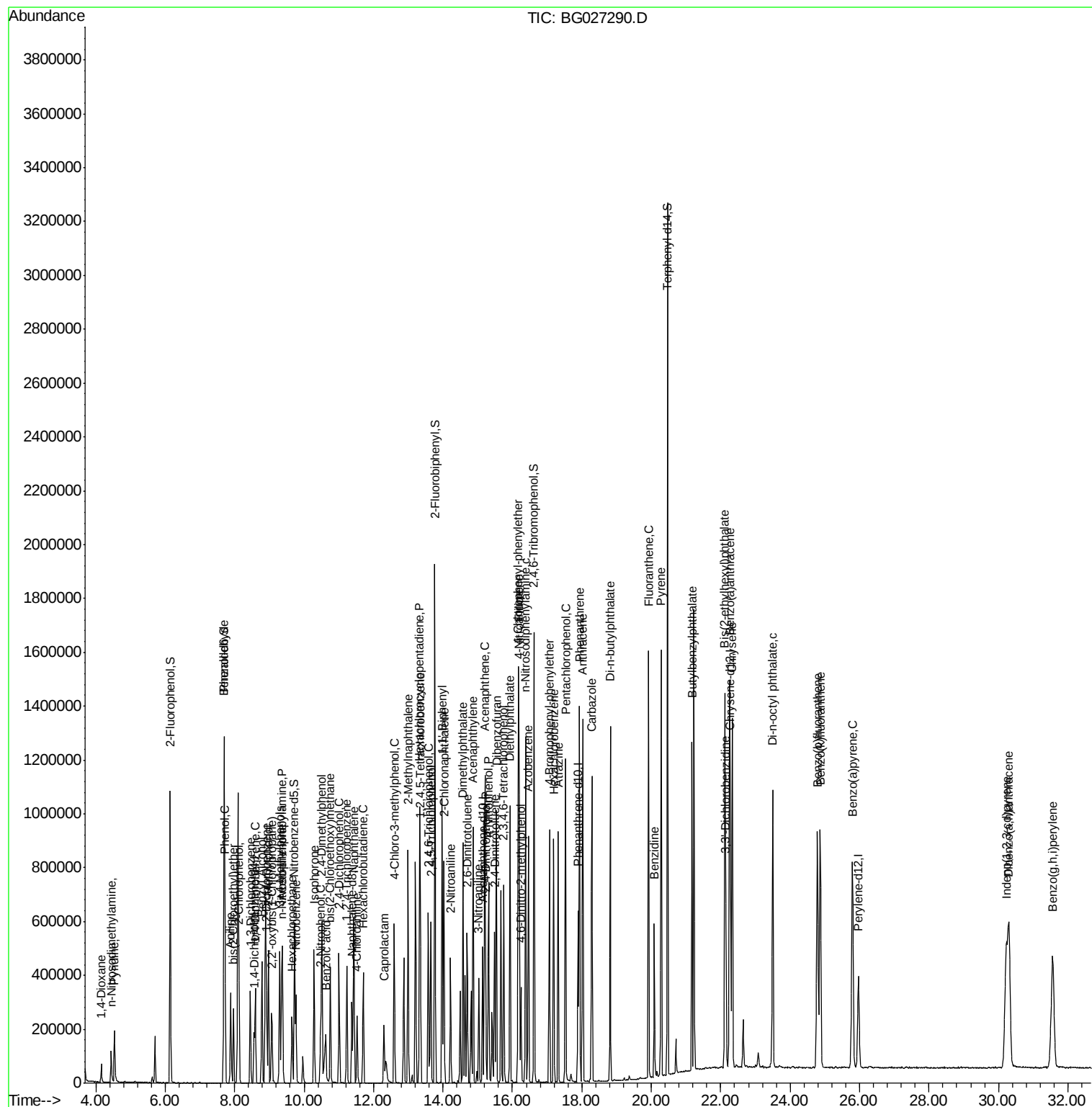
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027290.D
Acq On : 7 Jun 2017 19:18
Operator : SJ/MA
Sample : PB99548BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

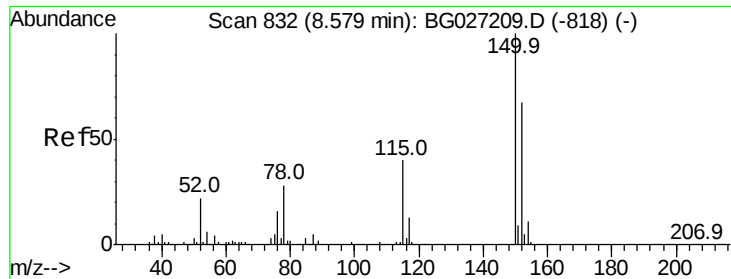
Instrument :
BNA_G
ClientSampled :
PB99548BS

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM

Quant Time: Jun 08 06:50:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration





#1

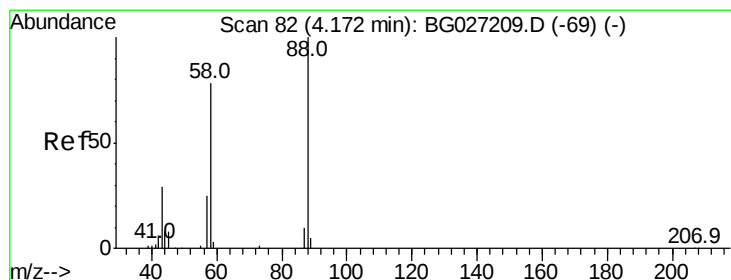
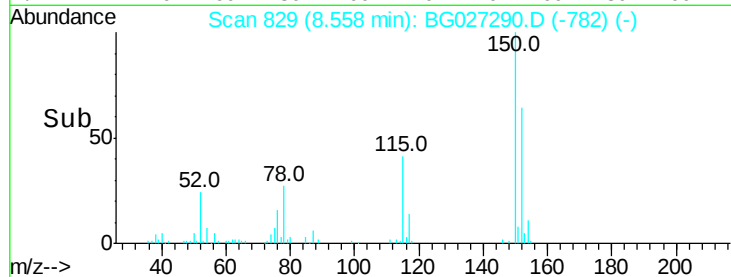
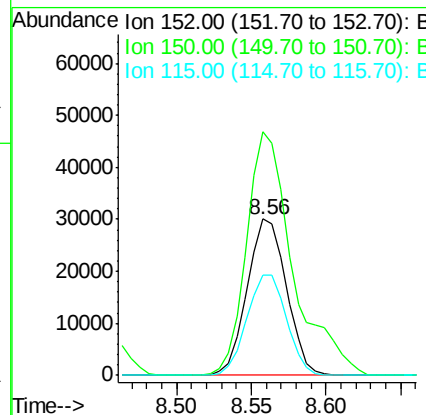
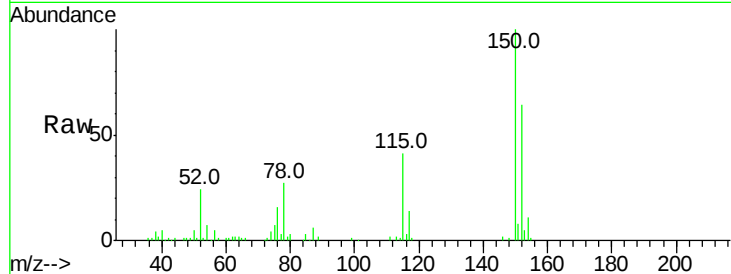
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	114.0	171.0
115	64.0	48.1	72.1

Manual Integrations
APPROVED

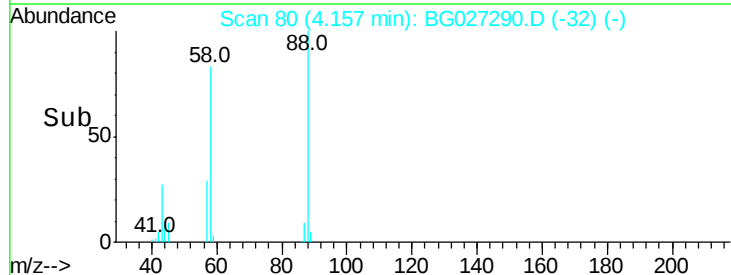
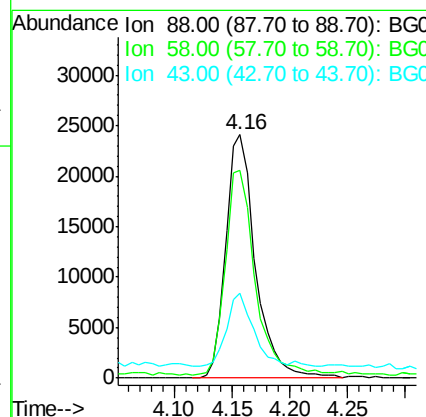
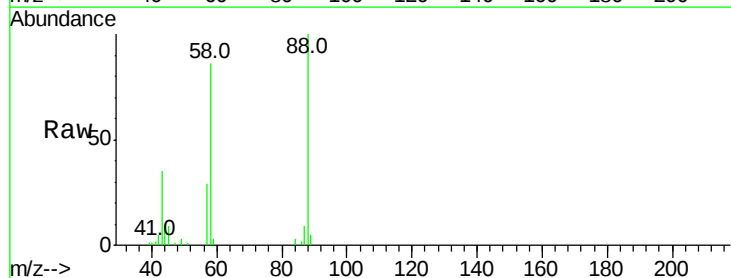
mohammad
6/8/2017 2:22:58 PM

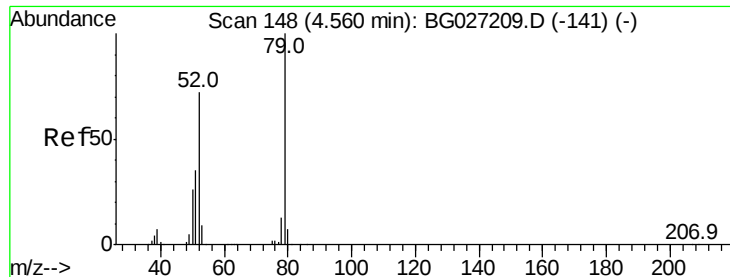


#2

1,4-Dioxane
Concen: 28.95 ng
RT: 4.16 min Scan# 80
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	79.4	119.2
43	26.6	33.8	50.6#





#3

Pvridine

Concen: 29.67 ng

RT: 4.53 min Scan# 144

Delta R.T. -0.03 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

ClientSampleId :

PB99548BS

Tot Ion: 79 Resp: 135657

Ion Ratio Lower Upper

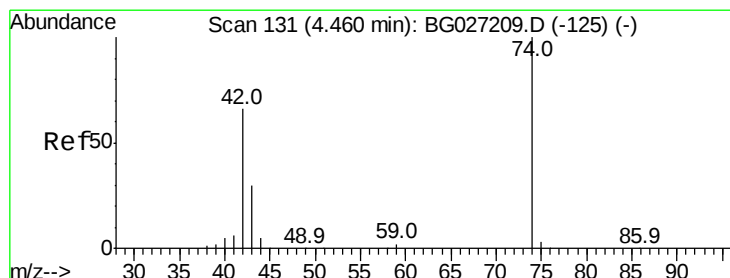
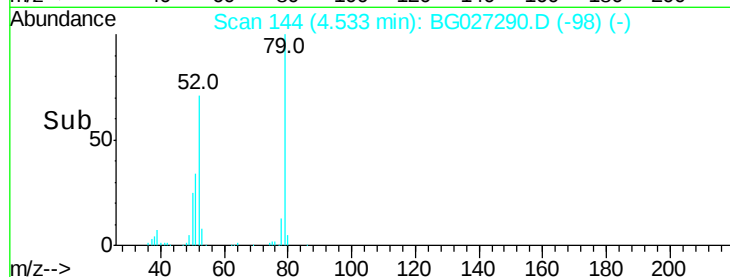
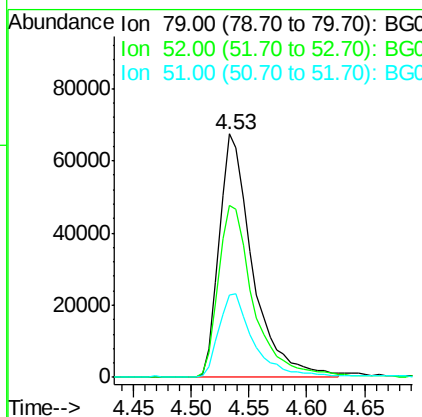
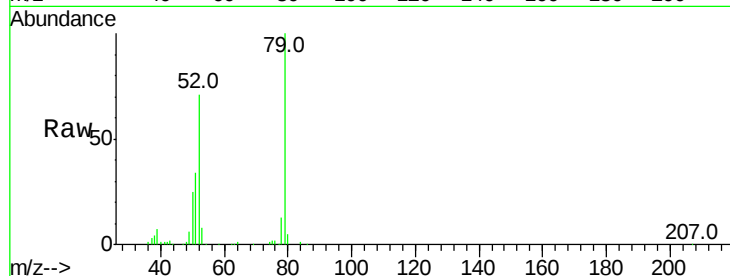
79 100

52 70.8 77.8 116.6#

51 33.9 43.2 64.8#

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#4

n-Nitrosodimethylamine

Concen: 39.70 ng

RT: 4.44 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

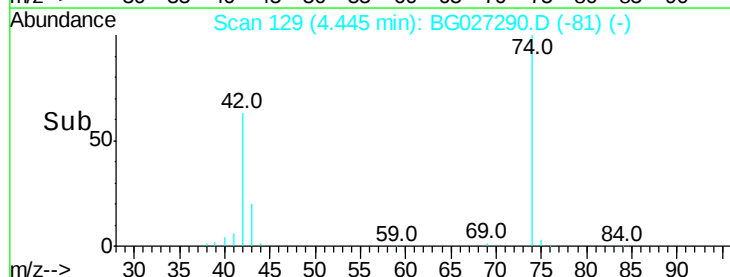
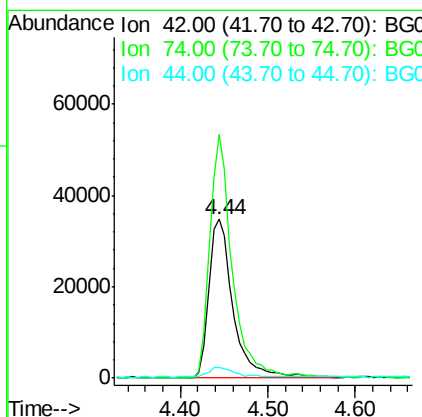
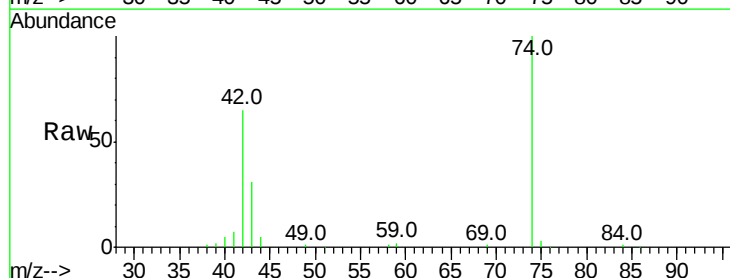
Tgt Ion: 42 Resp: 67195

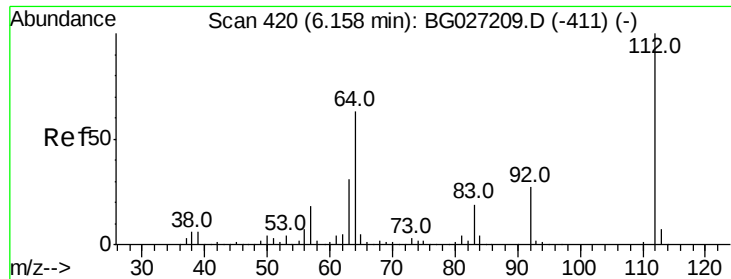
Ion Ratio Lower Upper

42 100

74 153.1 76.7 115.1#

44 7.0 6.1 9.1





#5

2-Fluorophenol

Concen: 145.11 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

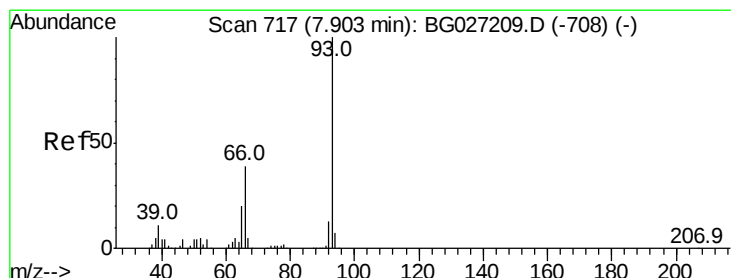
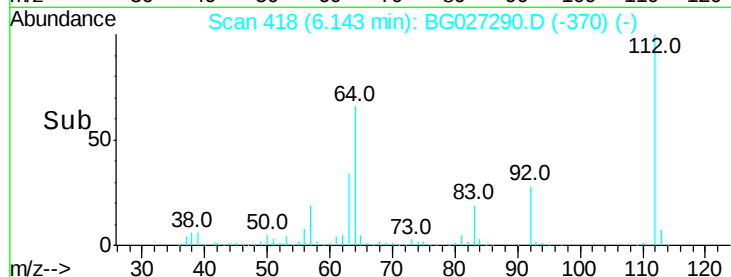
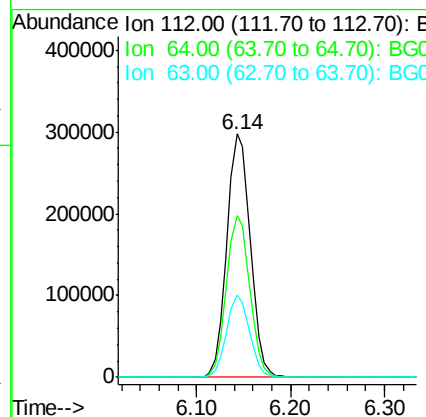
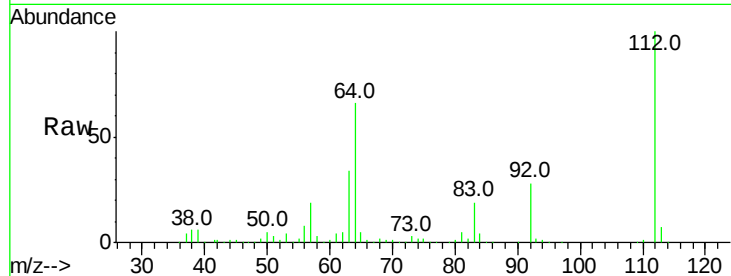
ClientSampleId :

PB99548BS

Tot Ion:	112	Resp:	518993
Ion Ratio	Lower	Upper	
112	100		
64	66.5	61.8	92.6
63	33.7	37.2	55.8#

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#6

Aniline

Concen: 36.49 ng

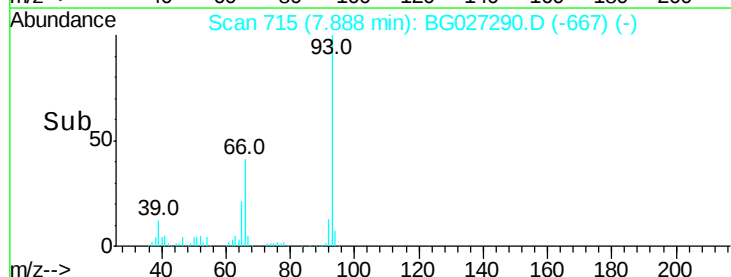
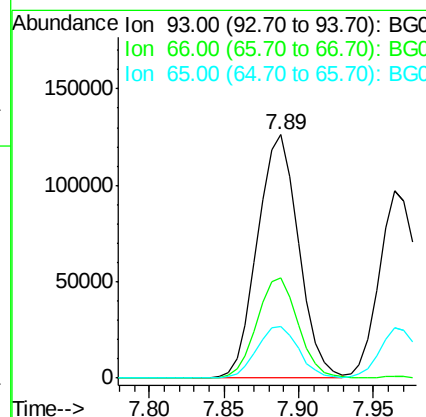
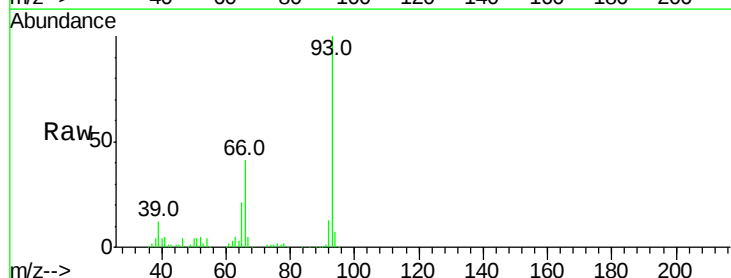
RT: 7.89 min Scan# 715

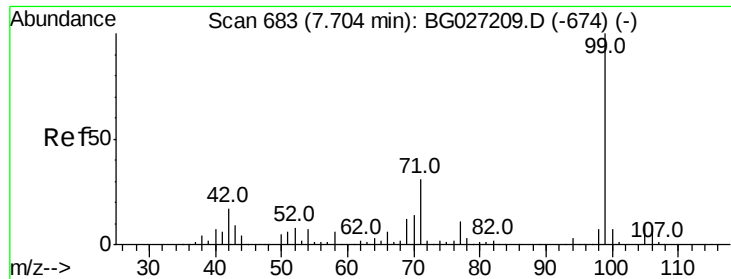
Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Tgt Ion:	93	Resp:	241256
Ion Ratio	Lower	Upper	
93	100		
66	41.4	35.4	53.2
65	21.1	21.2	31.8#





#7

Phenol-d6

Concen: 144.10 ng

RT: 7.69 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

ClientSampleID :

PB99548BS

Tot Ion: 99 Resp: 756561

Ion Ratio Lower Upper

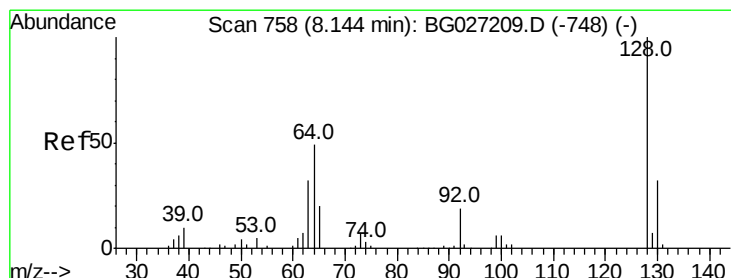
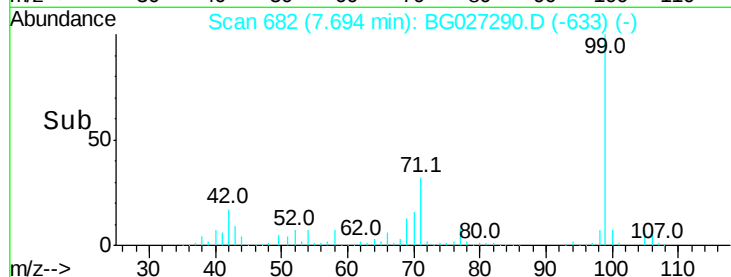
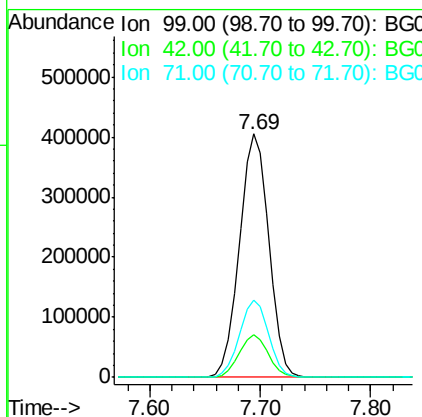
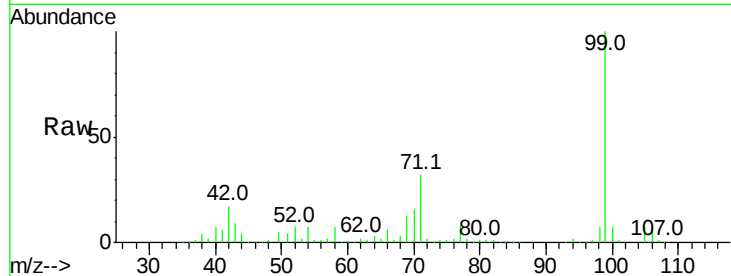
99 100

42 17.3 20.5 30.7#

71 31.7 37.6 56.4#

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#8

2-Chlorophenol

Concen: 45.86 ng

RT: 8.13 min Scan# 756

Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

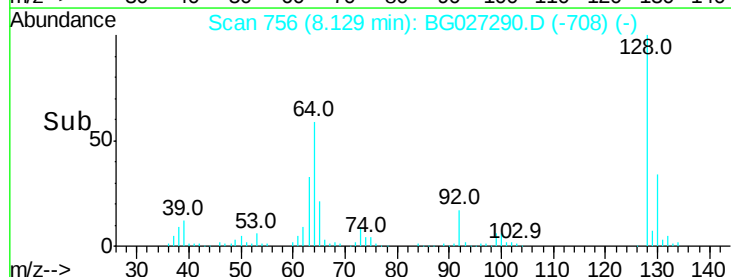
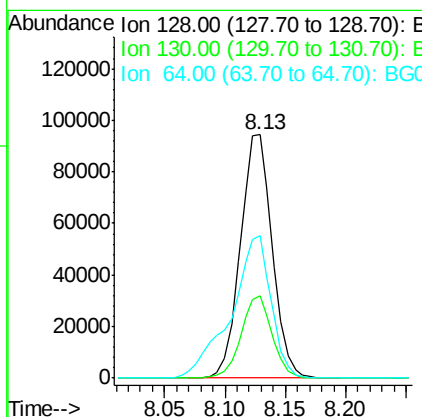
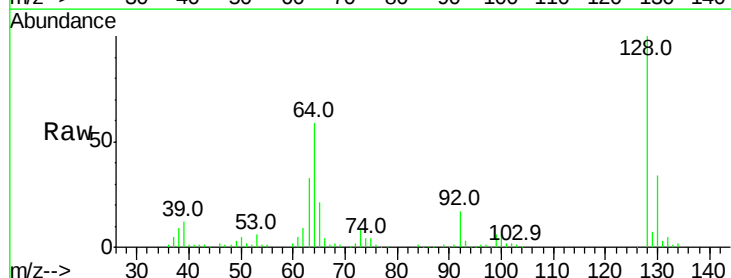
Tgt Ion:128 Resp: 173186

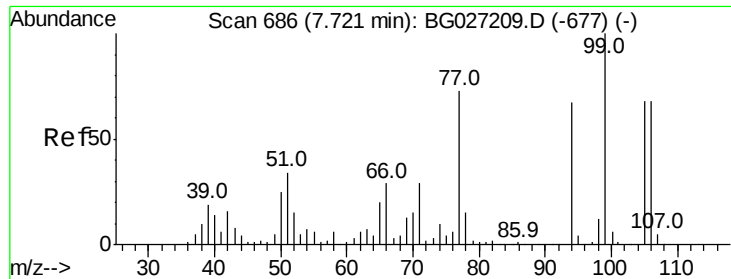
Ion Ratio Lower Upper

128 100

130 33.8 11.4 51.4

64 58.6 46.6 86.6





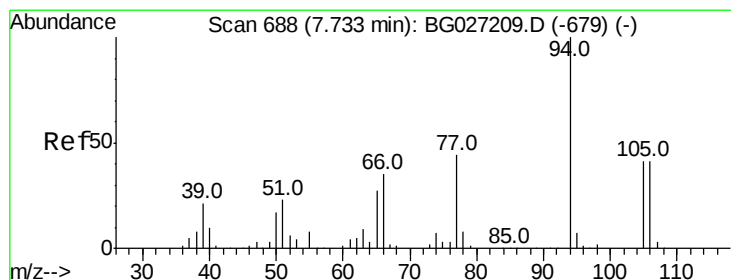
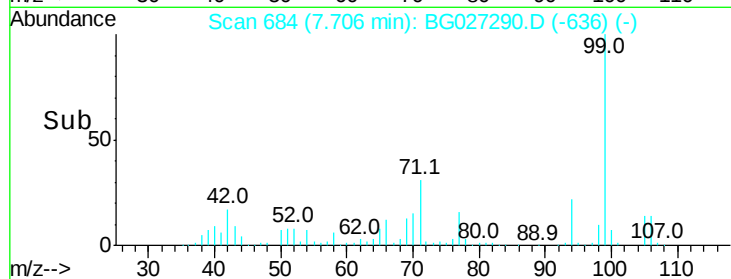
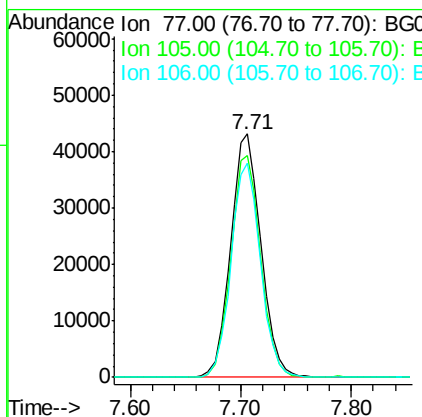
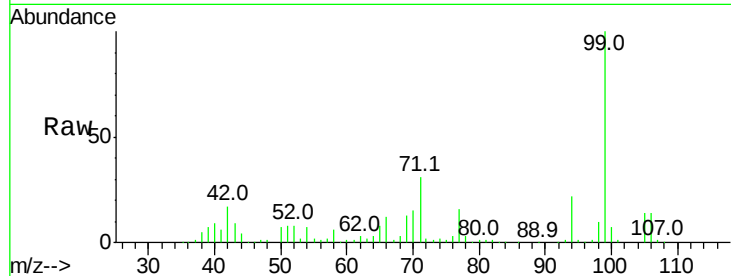
#9
Benzaldehyde
Concen: 22.81 ng
RT: 7.71 min Scan# 684
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.3	60.9	100.9
106	87.9	55.1	95.1

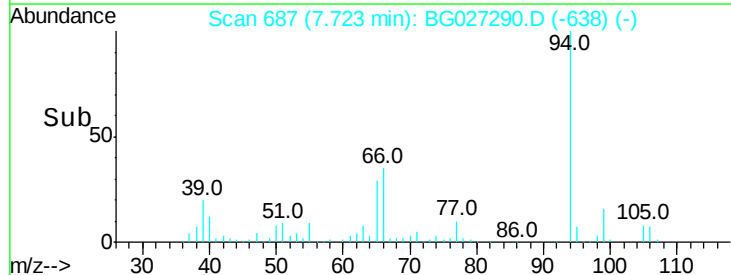
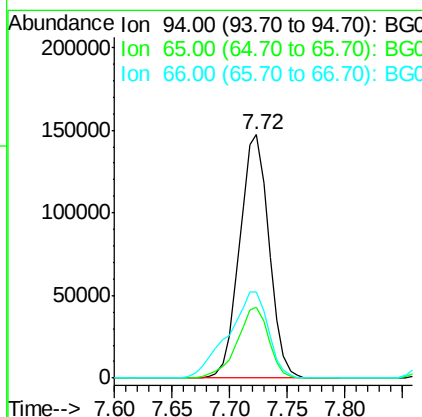
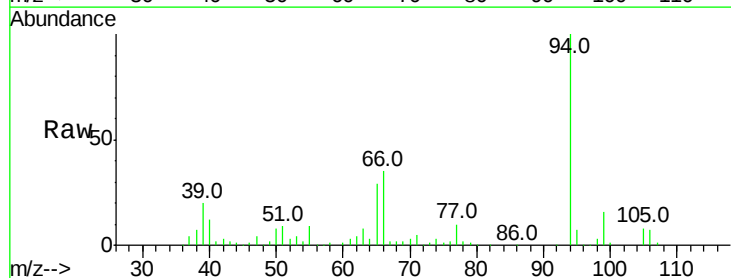
Manual Integrations
APPROVED

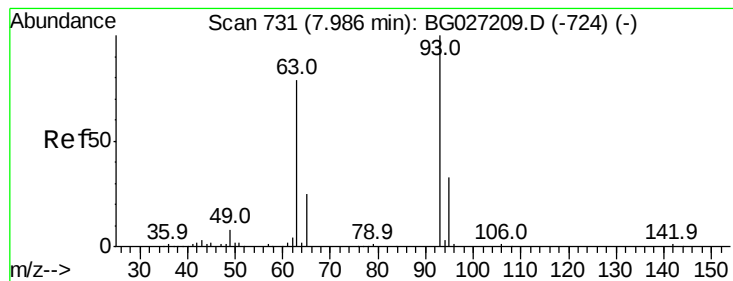
mohammad
6/8/2017 2:22:58 PM



#10
Phenol
Concen: 48.42 ng
RT: 7.72 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.9	20.6	60.6
66	35.3	35.5	75.5#





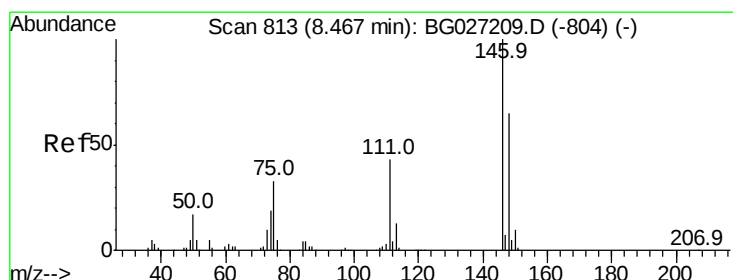
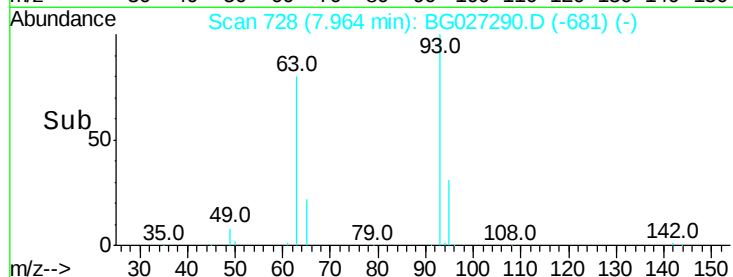
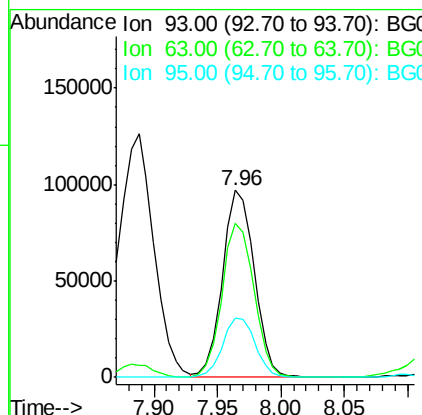
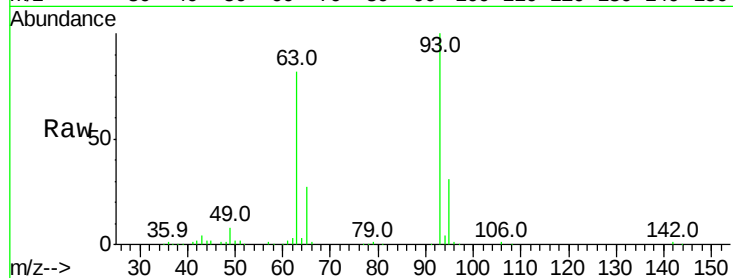
#11
bis(2-Chloroethyl)ether
Concen: 38.42 ng
RT: 7.96 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.1	78.5	118.5
95	31.3	9.8	49.8

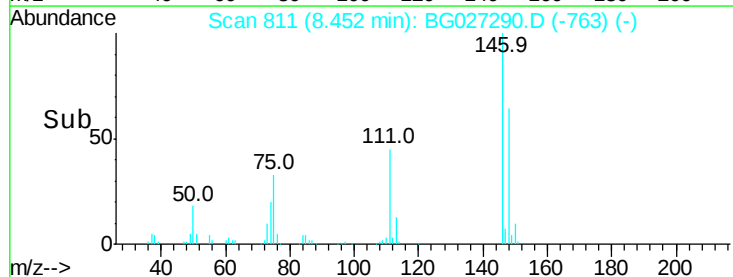
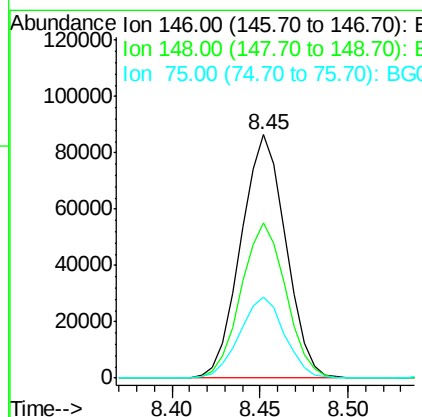
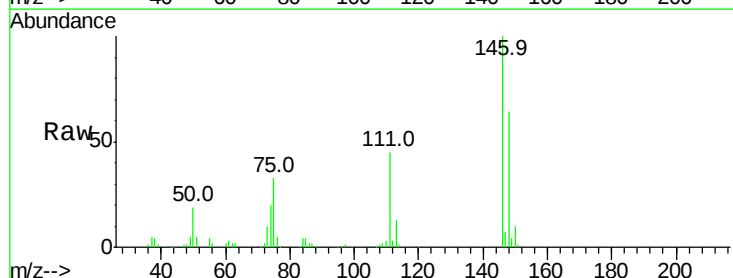
Manual Integrations
APPROVED

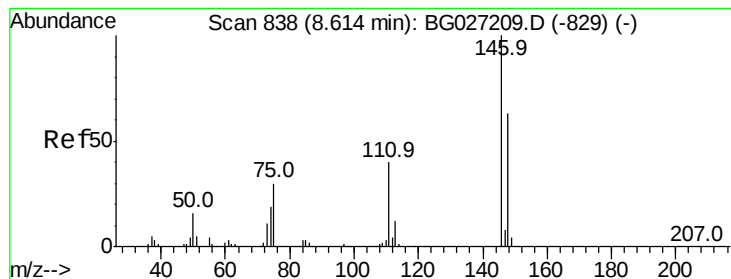
mohammad
6/8/2017 2:22:58 PM



#12
1,3-Dichlorobenzene
Concen: 36.37 ng m
RT: 8.45 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.2	73.8
75	33.1	33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 36.94 ng

RT: 8.59 min Scan# 835

Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

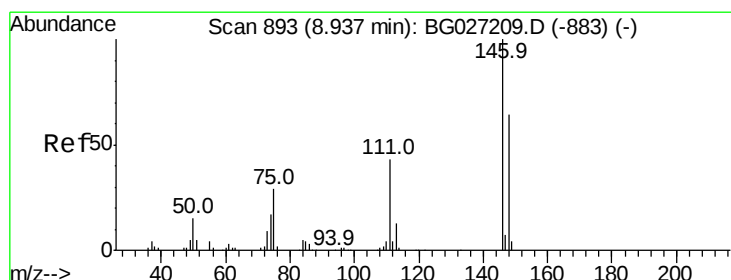
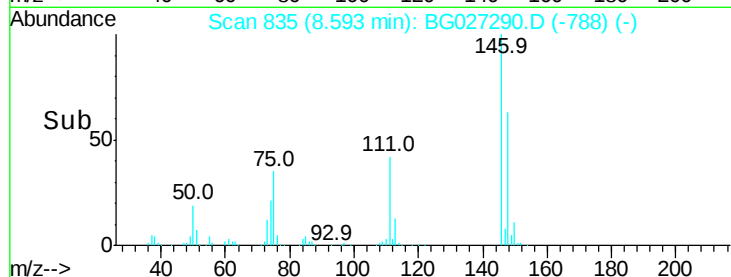
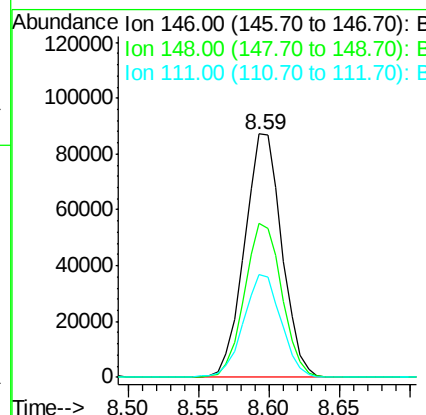
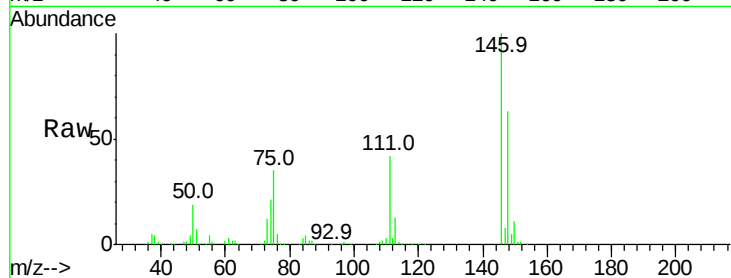
ClientSampleId :

PB99548BS

Tot Ion:	146	Resp:	161506
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.2	78.2
111	42.5	37.0	55.6

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#14

1,2-Dichlorobenzene

Concen: 36.41 ng

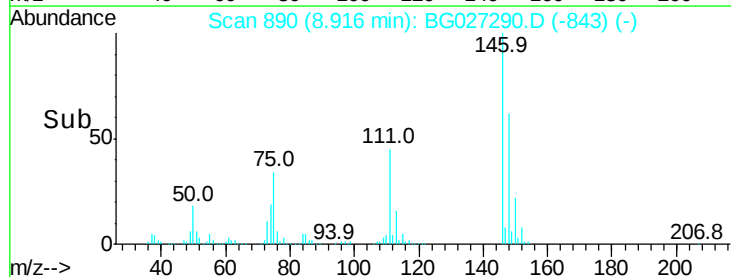
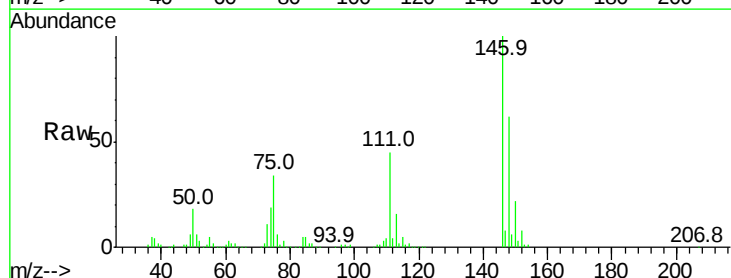
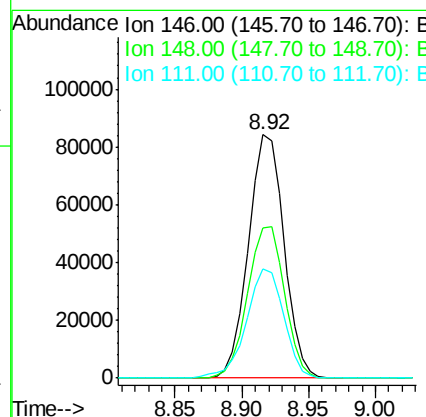
RT: 8.92 min Scan# 890

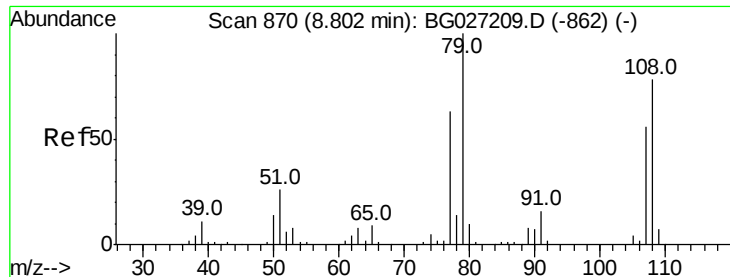
Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Tgt Ion:	146	Resp:	155260
Ion Ratio	Lower	Upper	
146	100		
148	61.8	54.6	81.8
111	44.9	39.7	59.5





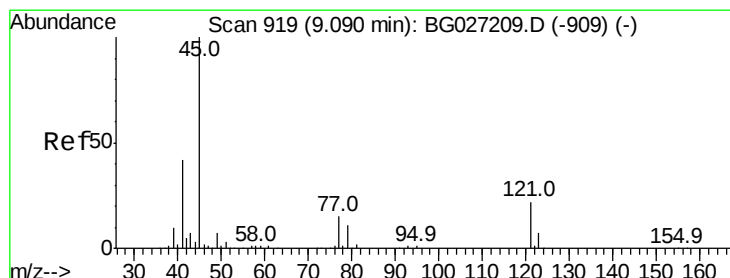
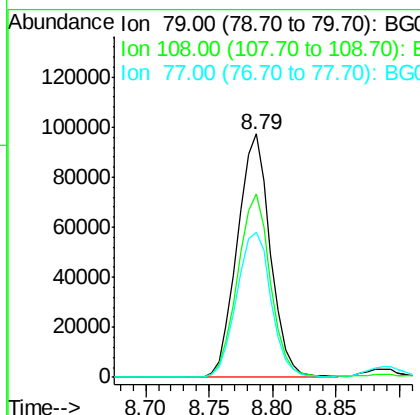
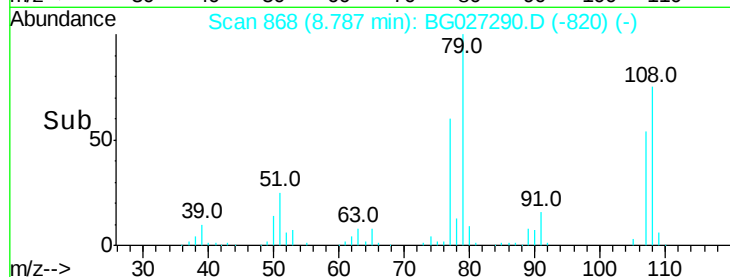
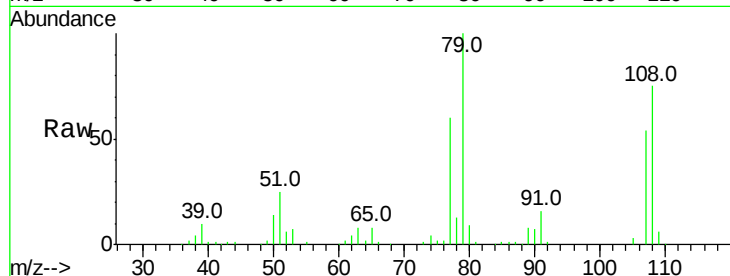
#15
Benzyl Alcohol
Concen: 47.54 ng
RT: 8.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.1	45.5	68.3#
77	59.8	54.3	81.5

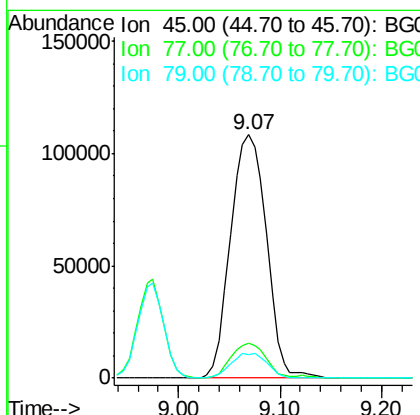
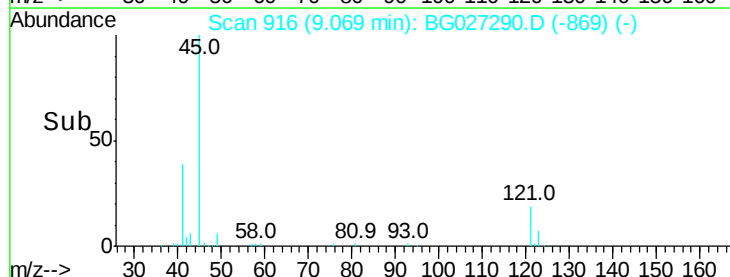
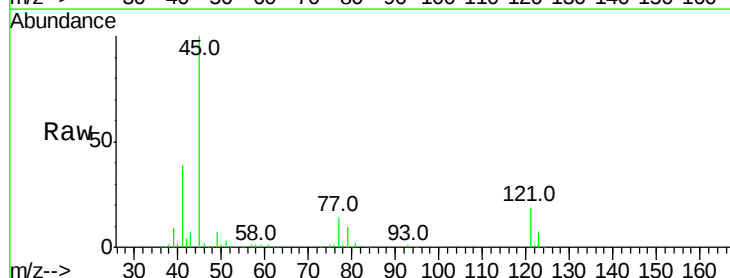
Manual Integrations
APPROVED

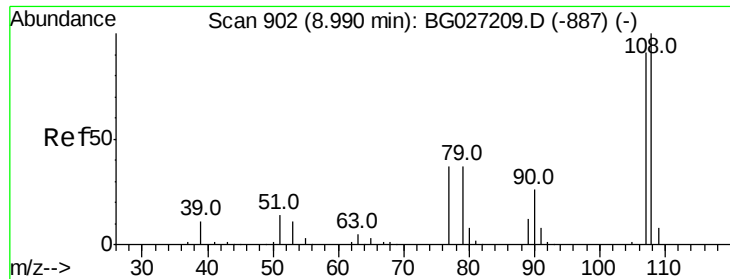
mohammad
6/8/2017 2:22:58 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.24 ng
RT: 9.07 min Scan# 916
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	30.6
79	9.9	0.0	28.5





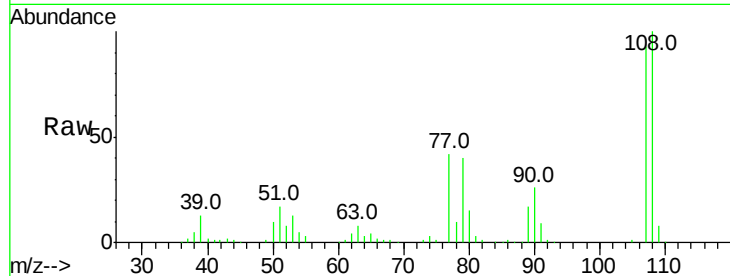
#17
2-Methylphenol
Concen: 45.73 ng
RT: 8.97 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.7	85.6	128.4
77	45.4	51.4	77.2#
79	43.6	49.2	73.8#

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



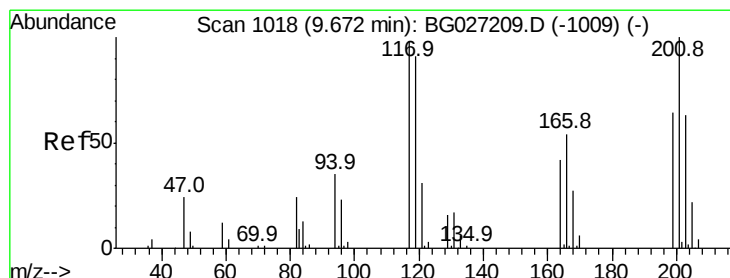
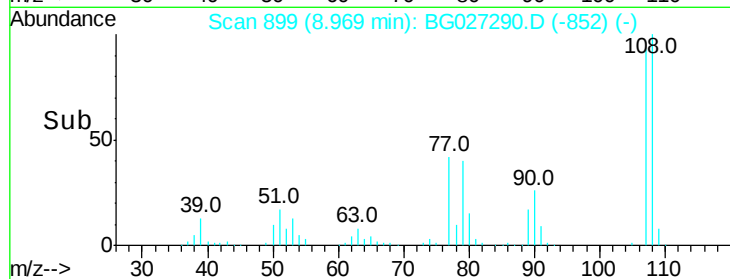
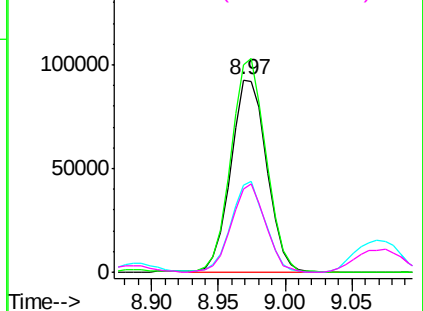
Abundance

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: 37.12 ng
RT: 9.65 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

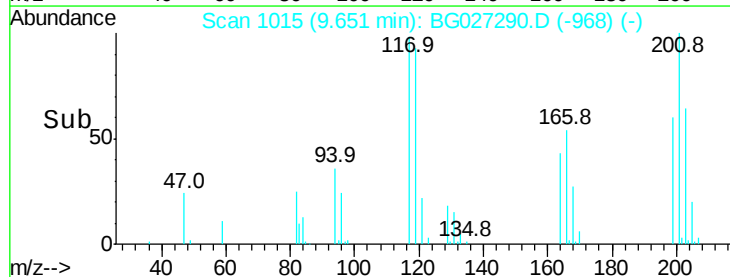
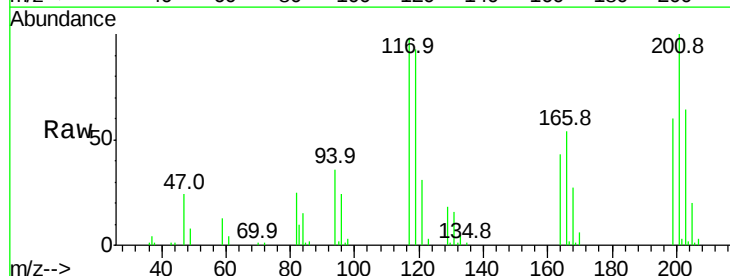
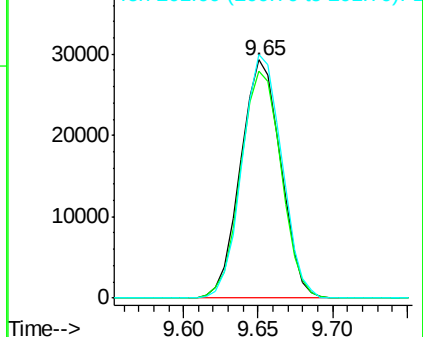
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	69.8	104.6
201	102.2	95.4	143.0

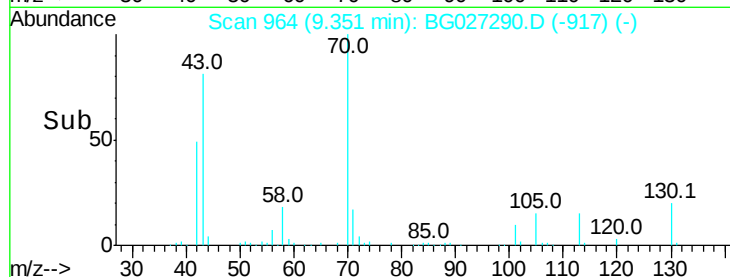
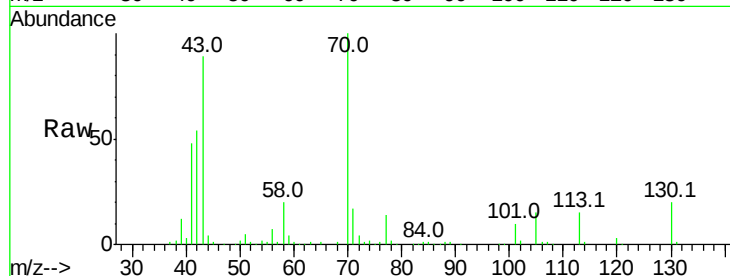
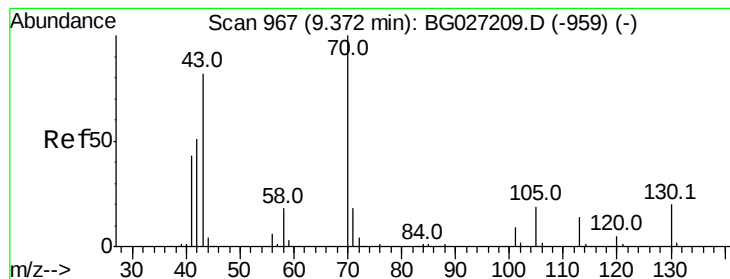
Abundance

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: 40.77 ng

RT: 9.35 min Scan# 964

Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

ClientSampleId :

PB99548BS

Tot Ion: 70 Resp: 149735

Ion Ratio Lower Upper

70 100

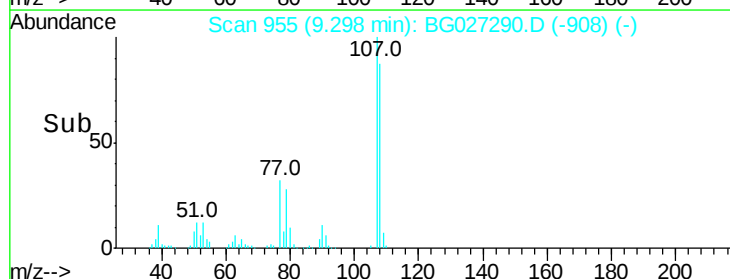
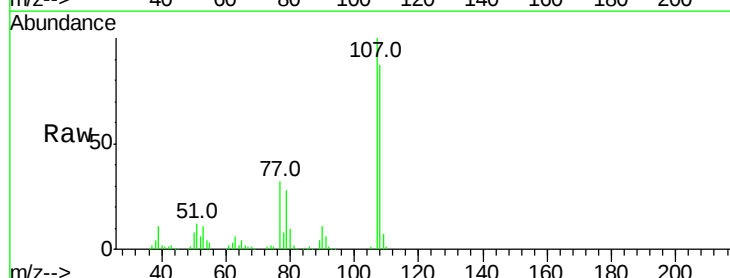
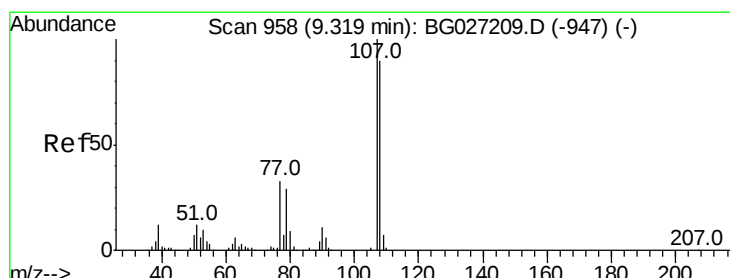
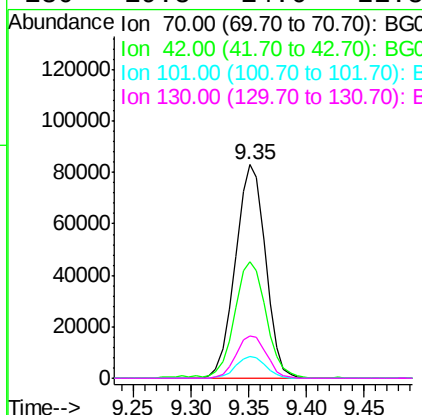
42 54.4 56.1 84.1#

101 10.1 7.5 11.3

130 19.8 14.6 21.8

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#20

3+4-Methylphenols

Concen: 45.77 ng

RT: 9.30 min Scan# 955

Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Tgt Ion: 107 Resp: 240620

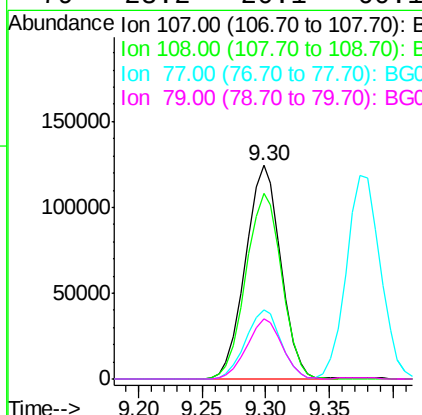
Ion Ratio Lower Upper

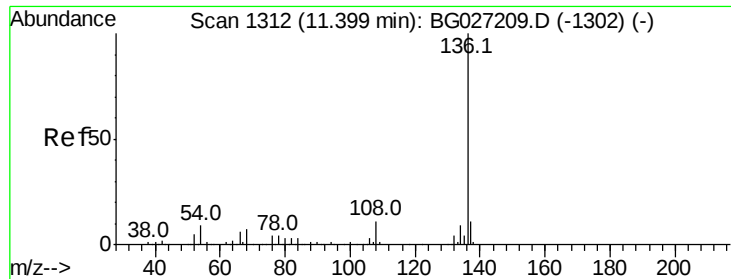
107 100

108 86.8 70.8 110.8

77 32.3 25.8 65.8

79 28.2 20.1 60.1





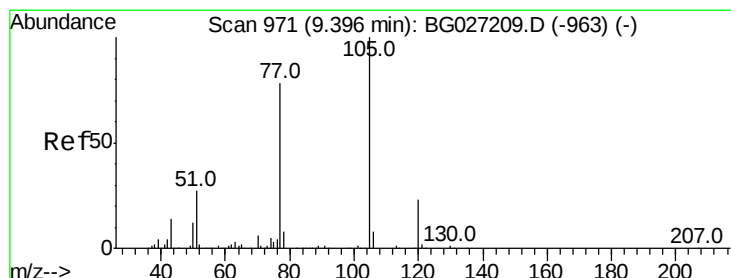
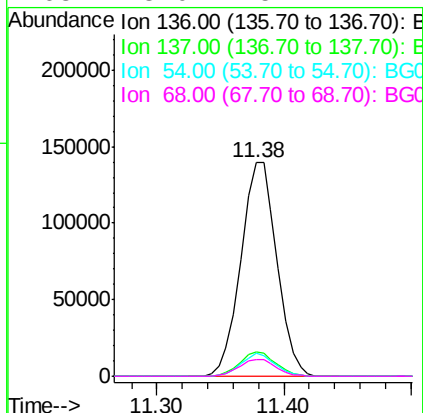
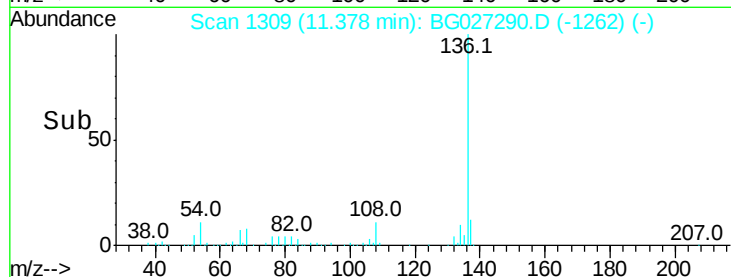
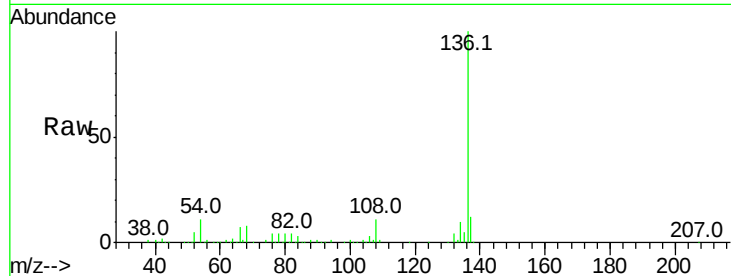
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.38 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	274222		
137	11.7		8.9	13.3
54	10.6		9.3	13.9
68	8.0		5.1	7.7#

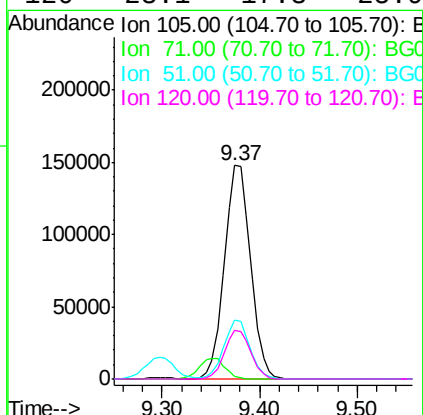
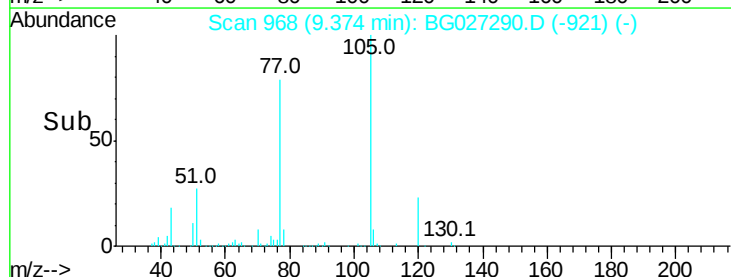
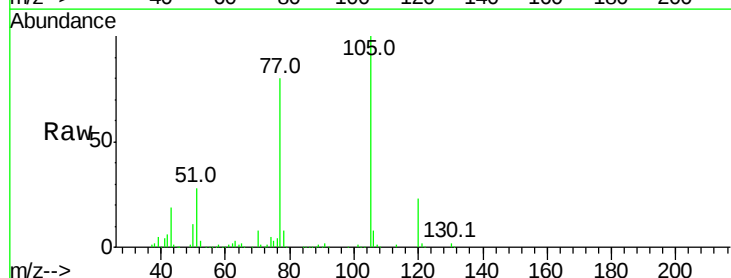
Manual Integrations
APPROVED

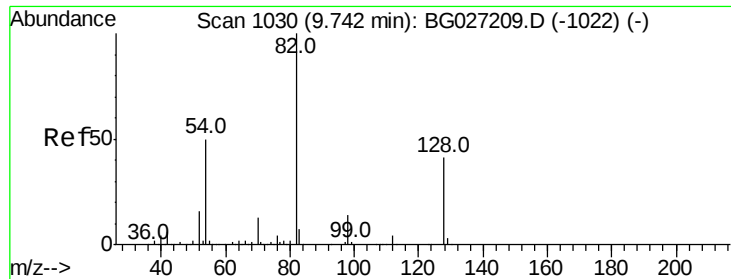
mohammad
6/8/2017 2:22:58 PM



#22
Acetophenone
Concen: 39.24 ng
RT: 9.37 min Scan# 968
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	275191		
71	1.5		0.9	1.3#
51	27.8		34.0	51.0#
120	23.1		17.3	25.9





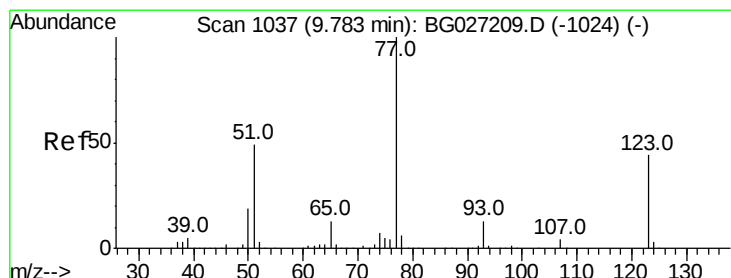
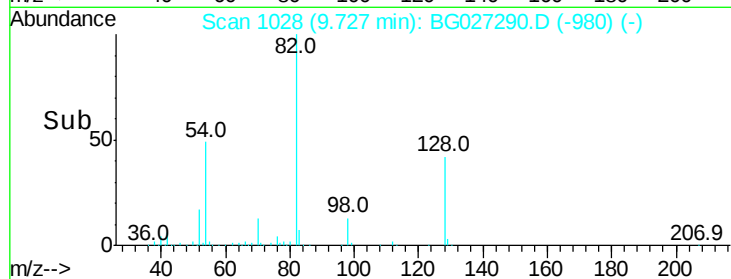
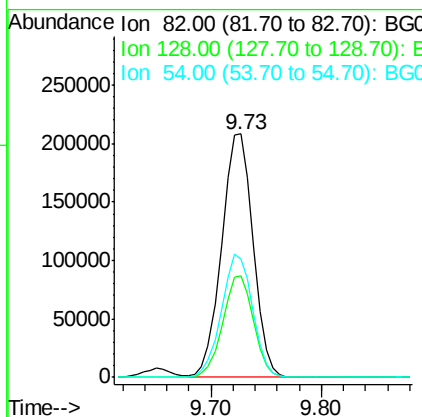
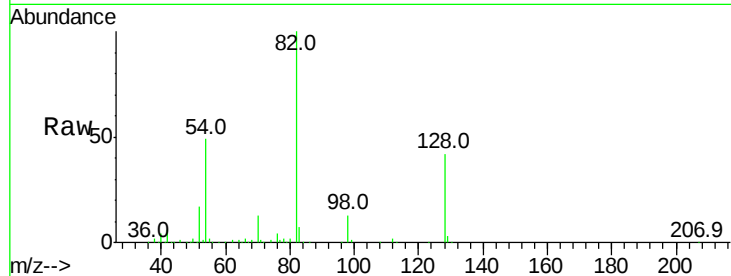
#23
 Nitrobenzene-d5
 Concen: 95.02 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.6	26.4	39.6#	
54	48.7	49.4	74.2#	

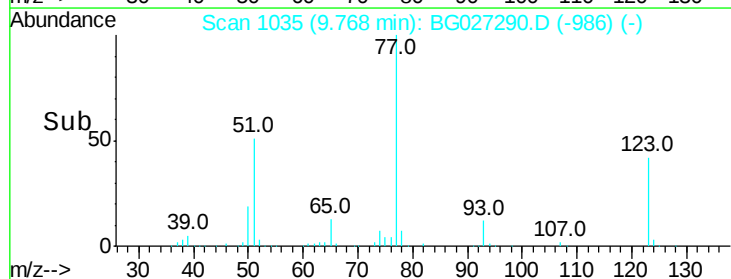
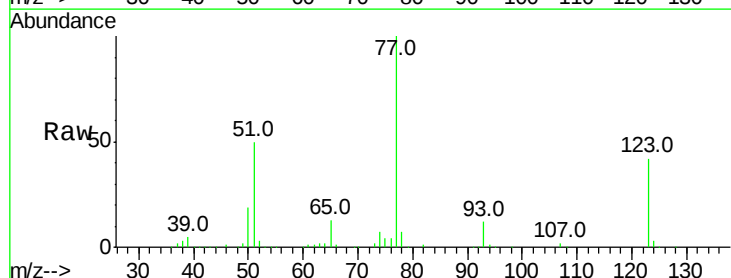
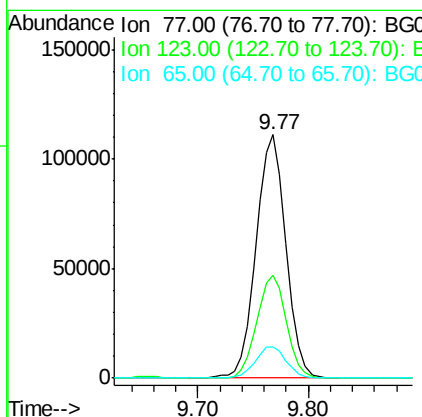
Manual Integrations
 APPROVED

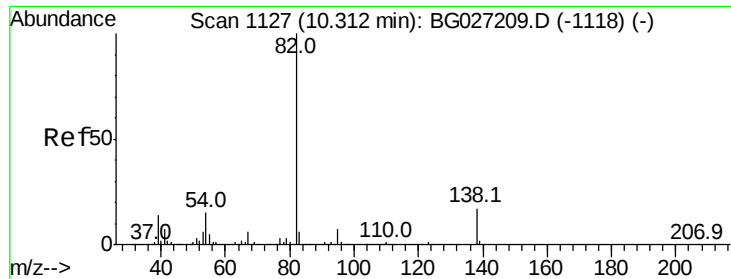
mohammad
 6/8/2017 2:22:58 PM



#24
 Nitrobenzene
 Concen: 42.28 ng
 RT: 9.77 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.2	26.1	39.1#	
65	12.7	12.4	18.6	





#25

Isophorone

Concen: 41.68 ng

RT: 10.29 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

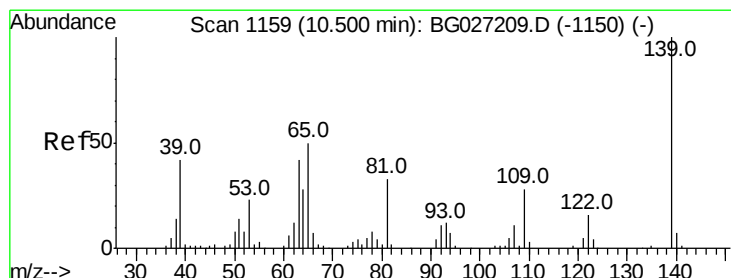
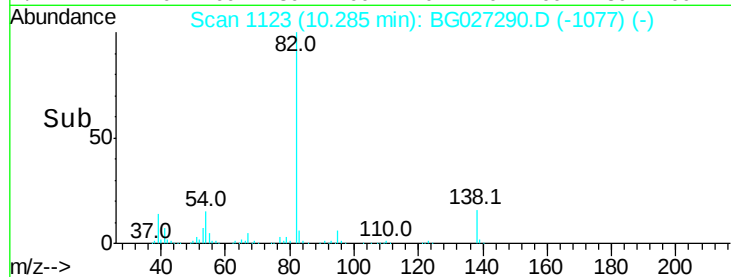
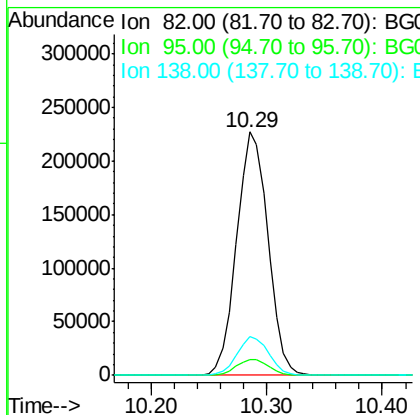
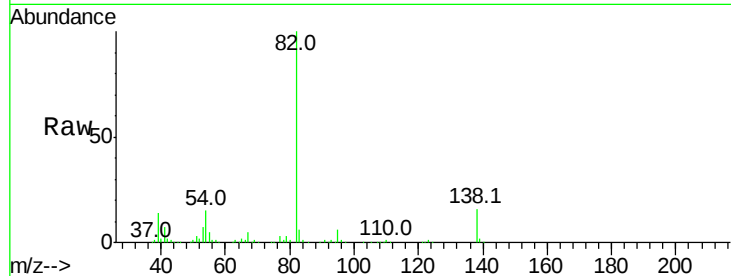
ClientSampleId :

PB99548BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.3	7.5	11.3#
138	15.9	12.3	18.5

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#26

2-Nitrophenol

Concen: 44.36 ng

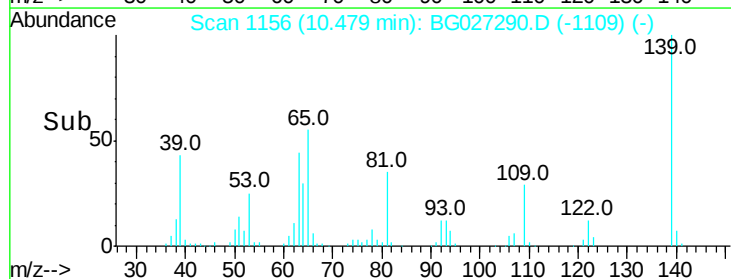
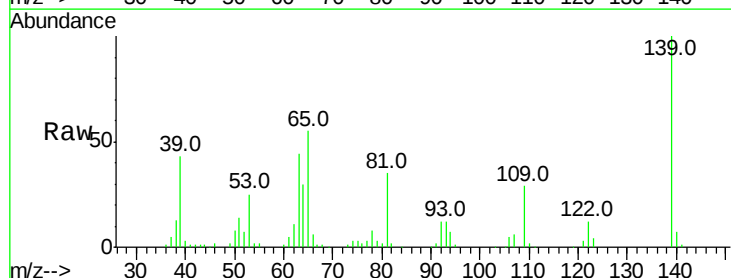
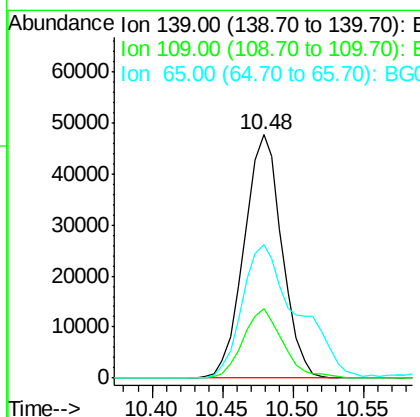
RT: 10.48 min Scan# 1156

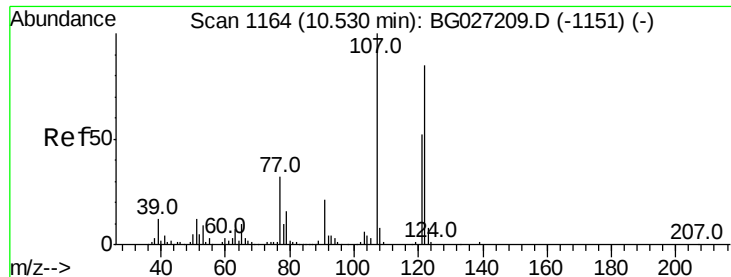
Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.8	38.6	58.0#
65	55.0	57.1	85.7#





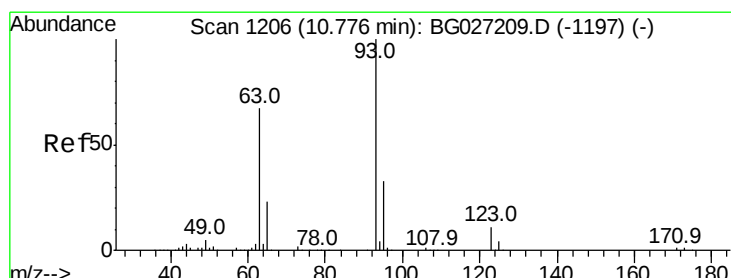
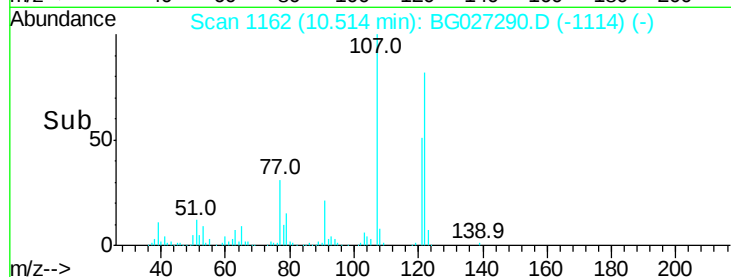
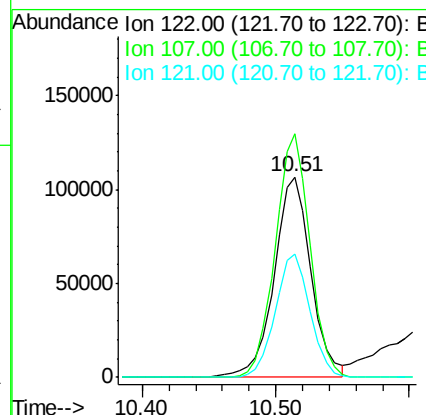
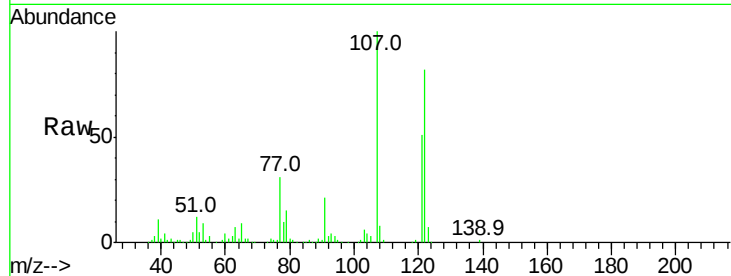
#27
2,4-Dimethylphenol
Concen: 46.52 ng
RT: 10.51 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.4	104.2	156.4
121	61.7	46.0	69.0

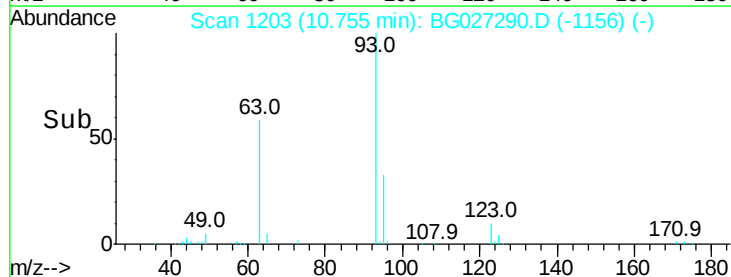
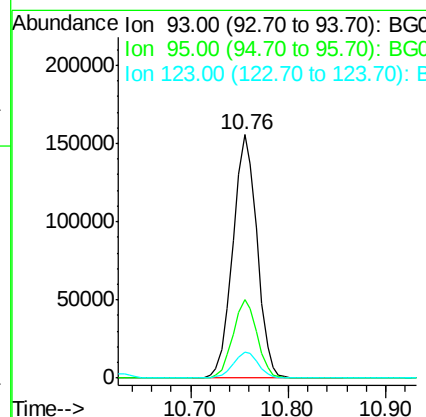
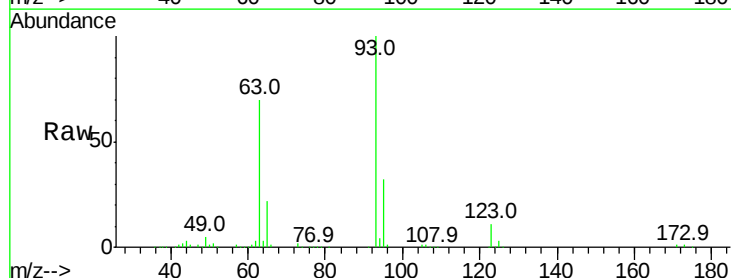
Manual Integrations
APPROVED

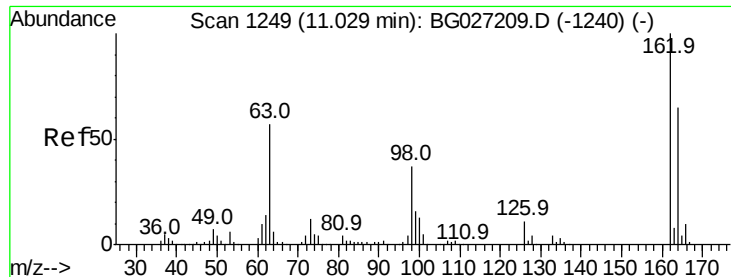
mohammad
6/8/2017 2:22:58 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.18 ng
RT: 10.76 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	10.7	8.3	12.5





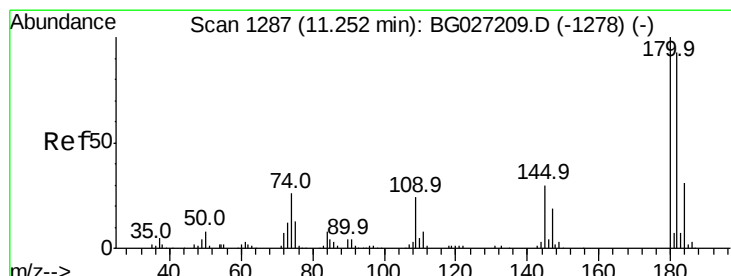
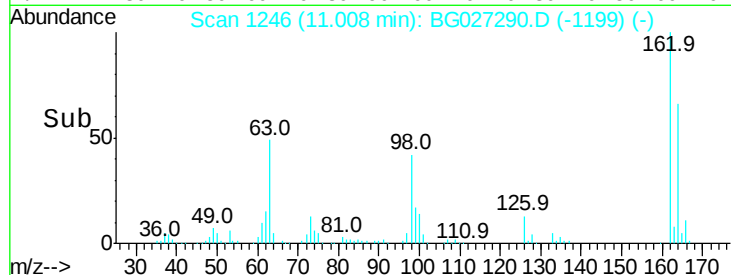
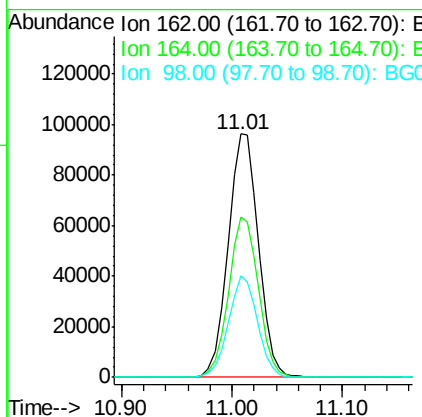
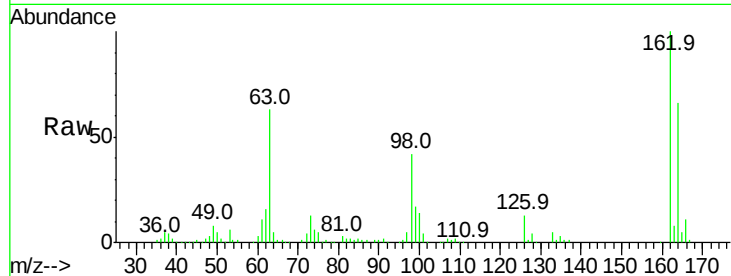
#29
 2,4-Dichlorophenol
 Concen: 46.01 ng
 RT: 11.01 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	185153		
164	65.9	42.4	82.4	
98	41.7	20.3	60.3	

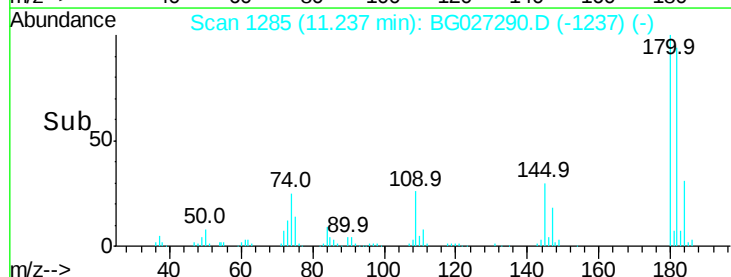
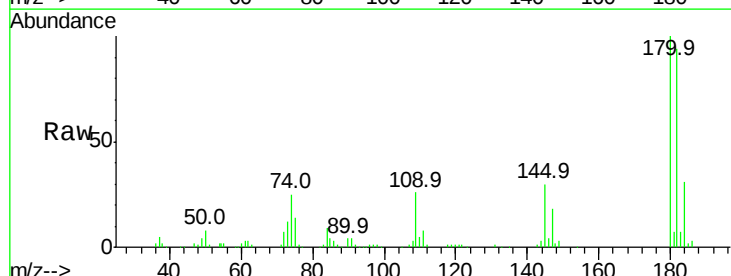
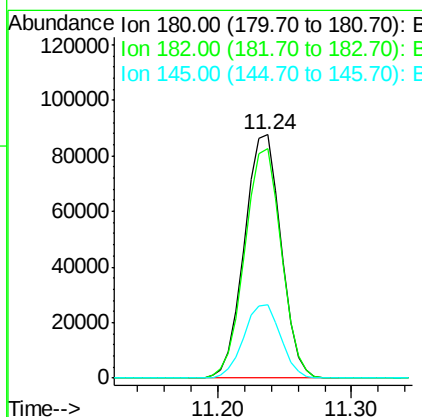
Manual Integrations
 APPROVED

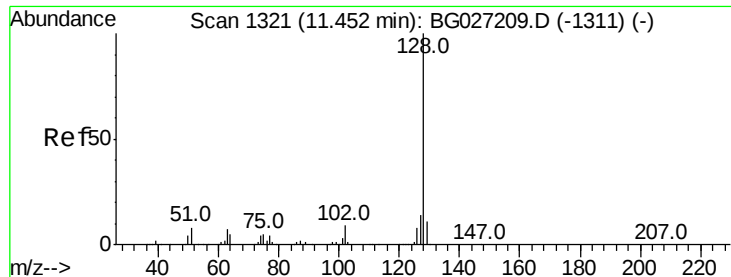
mohammad
 6/8/2017 2:22:58 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.20 ng
 RT: 11.24 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	165764		
182	94.4	77.0	115.4	
145	29.9	23.4	35.0	





#31

Naphthalene

Concen: 37.14 ng

RT: 11.43 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

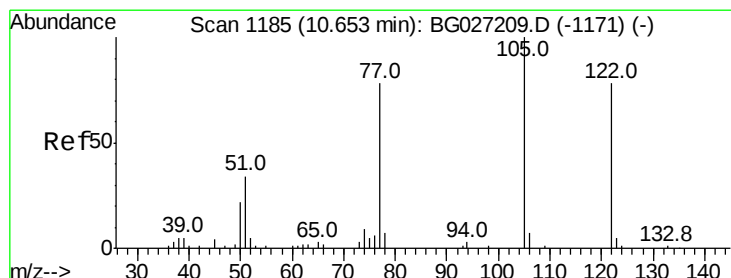
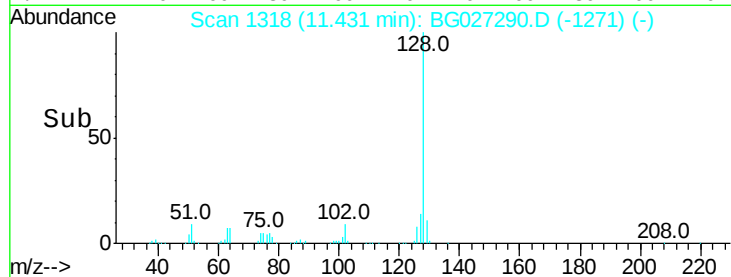
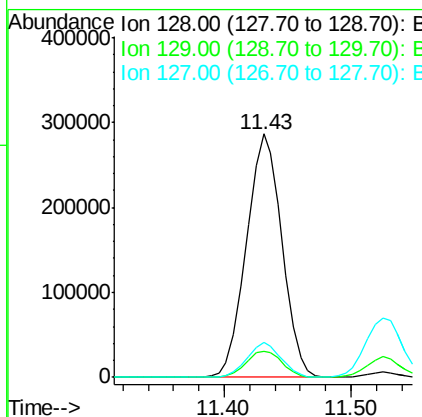
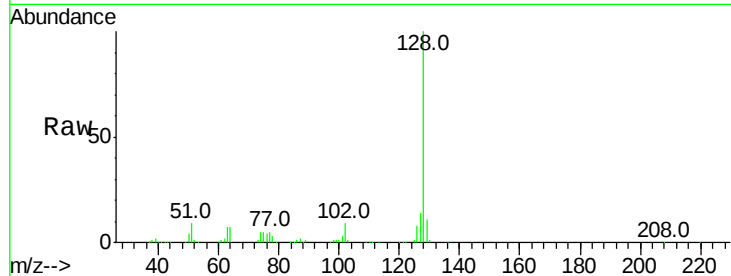
ClientSampleId :

PB99548BS

Tot Ion:	128	Resp:	556691
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.3	13.9
127	14.2	11.4	17.0

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#32

Benzoic acid

Concen: 40.26 ng

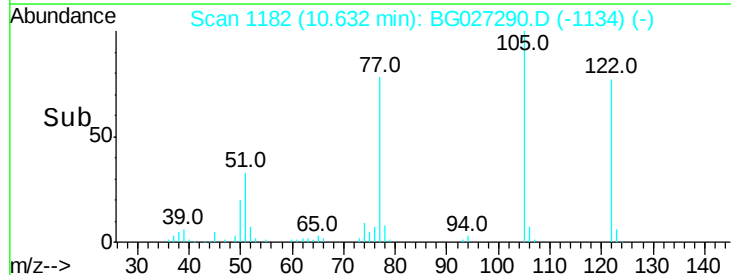
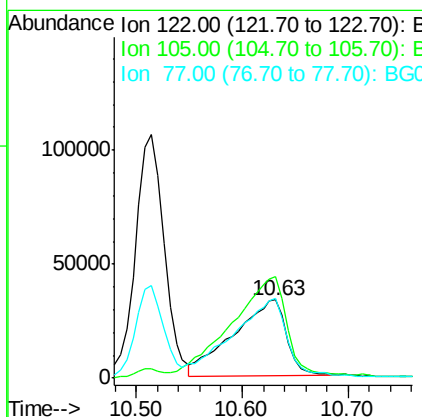
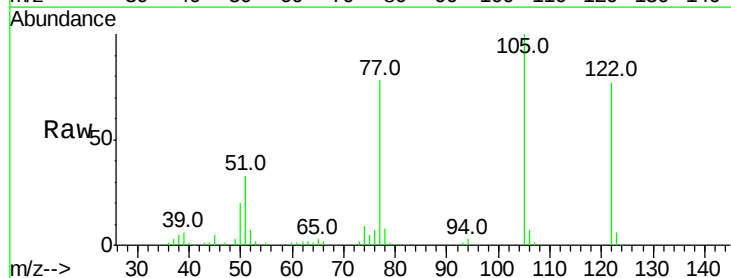
RT: 10.63 min Scan# 1182

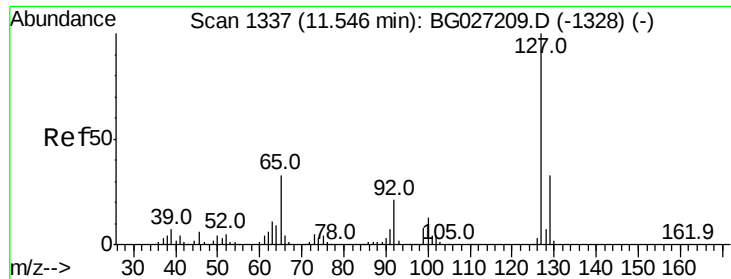
Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Tgt Ion:	122	Resp:	118039
Ion Ratio	Lower	Upper	
122	100		
105	129.7	120.1	160.1
77	101.7	104.6	144.6#





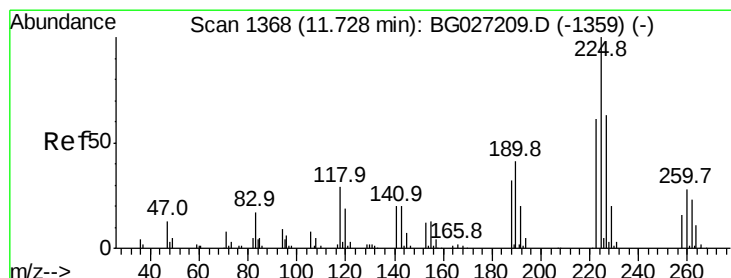
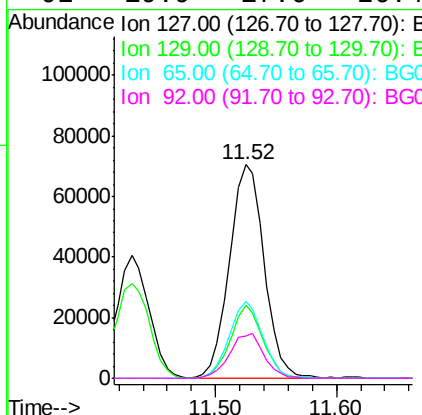
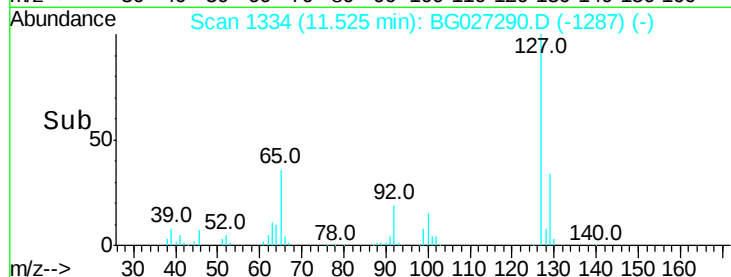
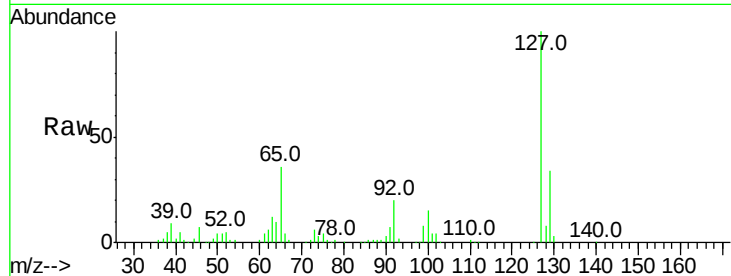
#33
4-Chloroaniline
Concen: 22.43 ng
RT: 11.52 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	23.6	35.4
65	36.2	37.7	56.5
92	19.9	17.6	26.4

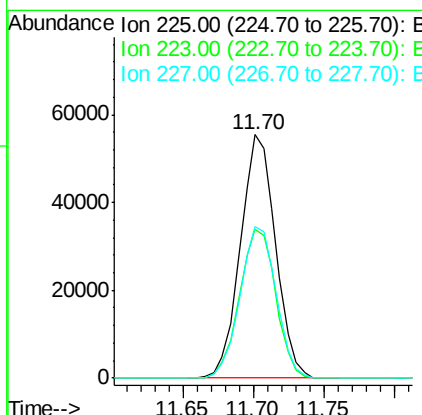
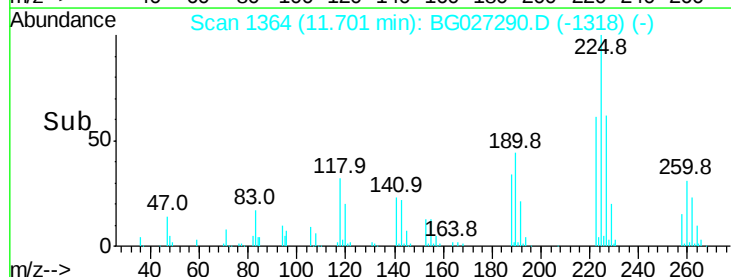
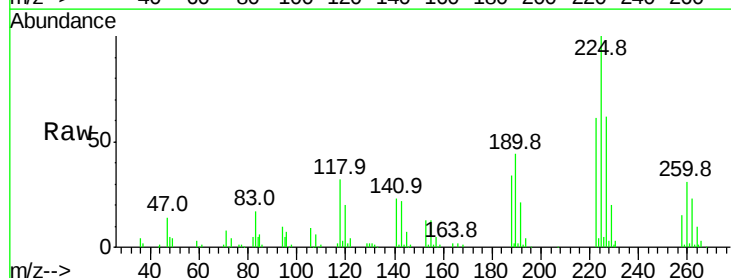
Manual Integrations
APPROVED

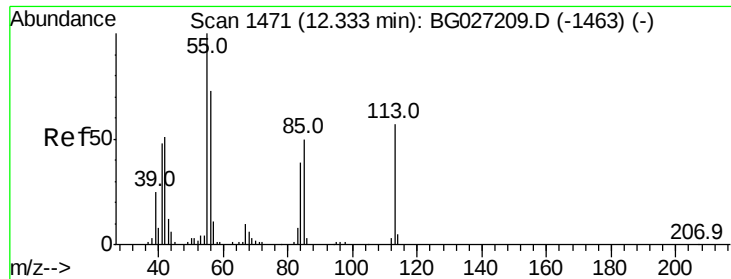
mohammad
6/8/2017 2:22:58 PM



#34
Hexachlorobutadiene
Concen: 35.18 ng
RT: 11.70 min Scan# 1364
Delta R.T. -0.03 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.7	76.1
227	62.4	49.0	73.6





#35

Caprolactam

Concen: 51.82 ng/ml

RT: 12.30 min Scan# 1466

Delta R.T. -0.03 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

ClientSampleId :

PB99548BS

Tot Ion:113 Resp: 71527

Ion Ratio Lower Upper

113 100

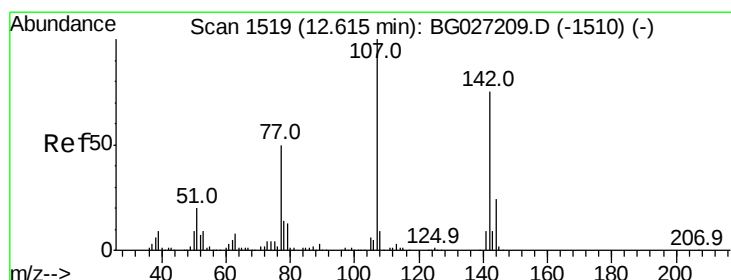
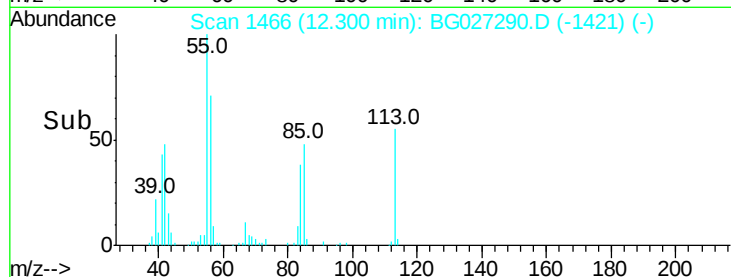
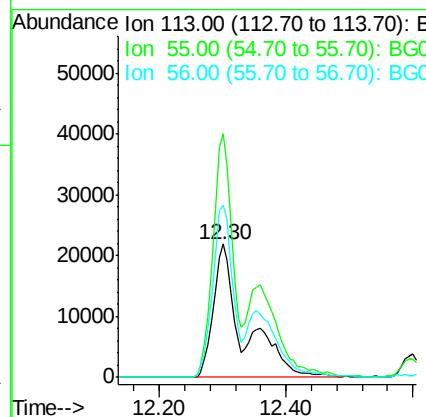
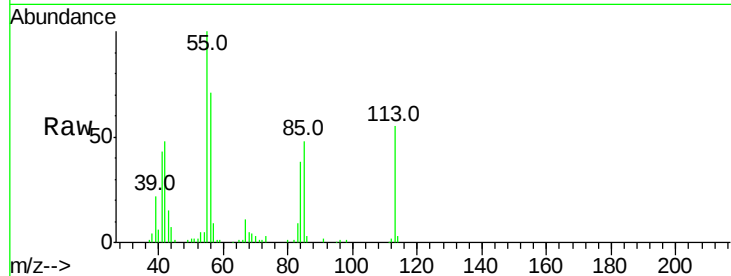
55 182.6 198.6 238.6#

56 128.7 140.4 180.4#

Manual Integrations
APPROVED

mohammad

6/8/2017 2:22:58 PM



#36

4-Chloro-3-methylphenol

Concen: 46.88 ng/ml

RT: 12.59 min Scan# 1516

Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

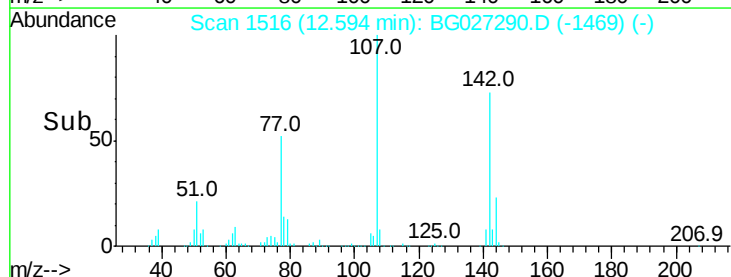
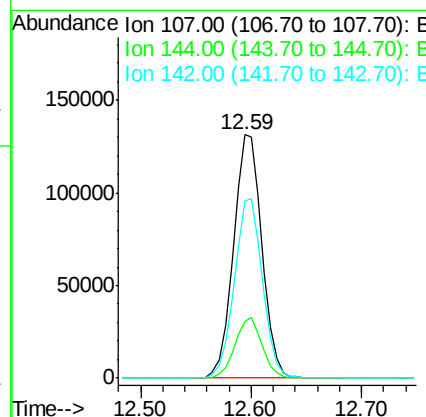
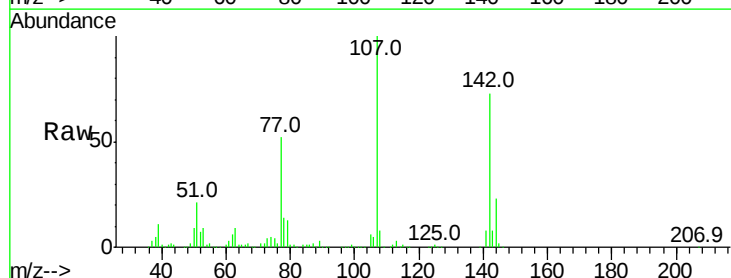
Tgt Ion:107 Resp: 236456

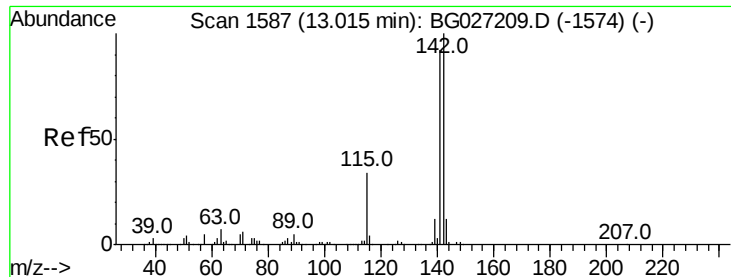
Ion Ratio Lower Upper

107 100

144 23.1 17.4 26.0

142 72.6 54.1 81.1





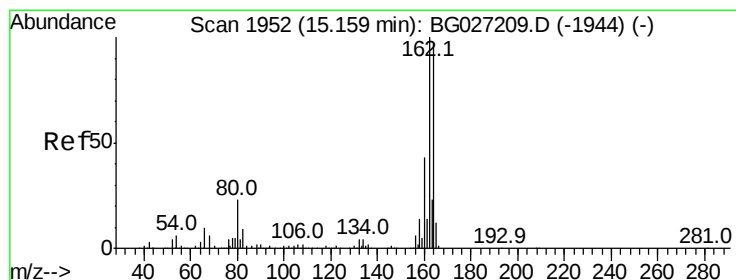
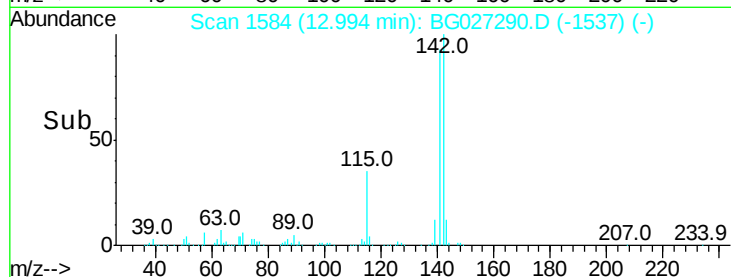
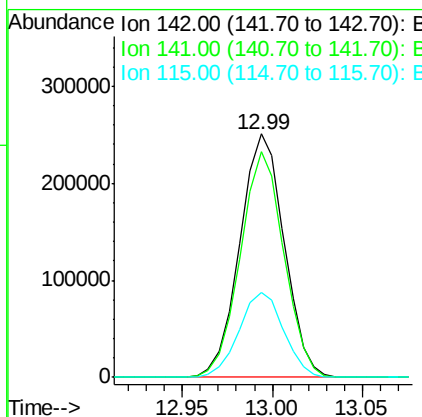
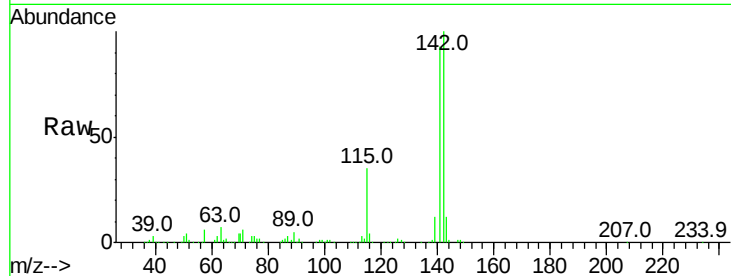
#37
2-Methylnaphthalene
Concen: 39.19 ng
RT: 12.99 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	70.4	105.6
115	35.0	35.5	53.3

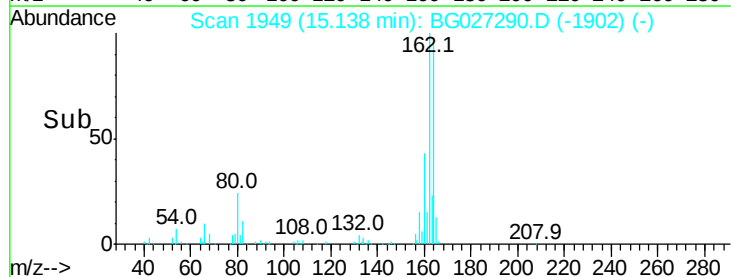
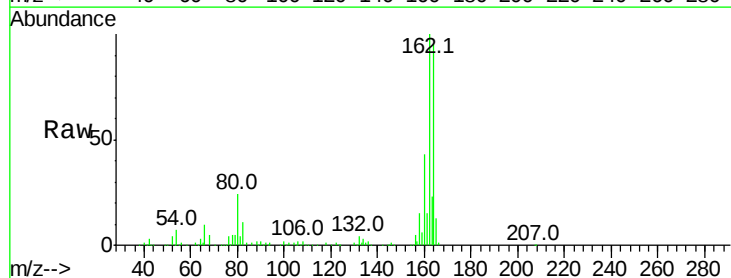
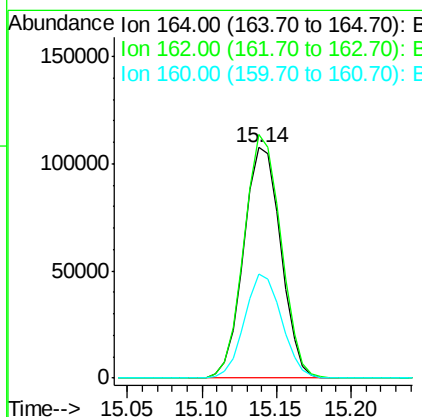
Manual Integrations
APPROVED

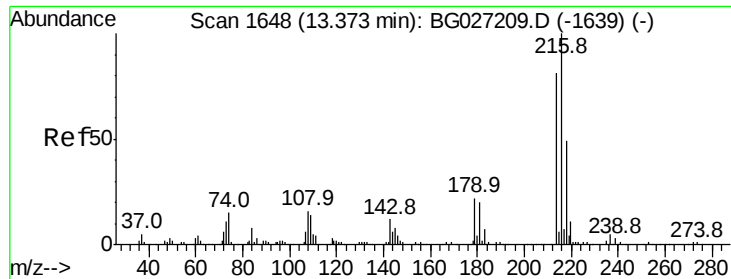
mohammad
6/8/2017 2:22:58 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.1	127.7
160	45.3	34.7	52.1





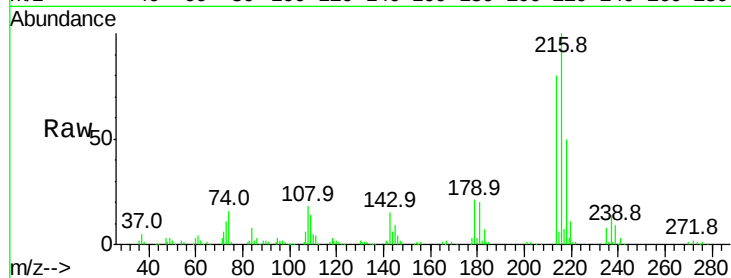
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.12 ng
 RT: 13.35 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	208646		
214	79.5	64.4	96.6	
179	21.1	17.4	26.0	
108	21.7	15.6	23.4	

Manual Integrations
 APPROVED

mohammad
 6/8/2017 2:22:58 PM

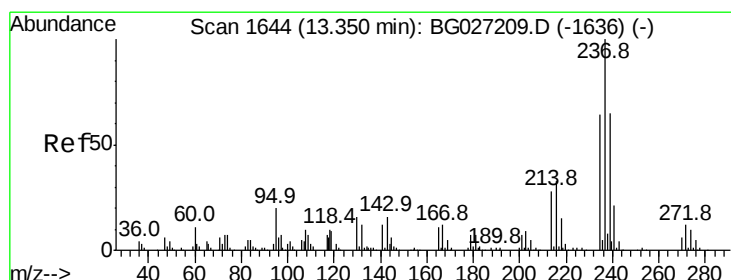
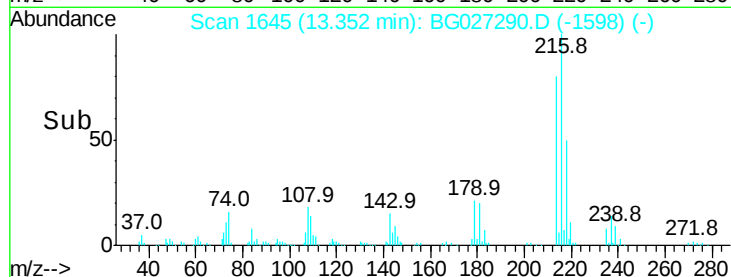
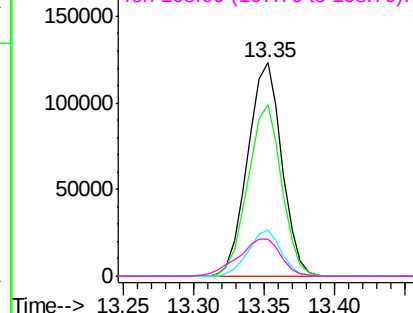


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

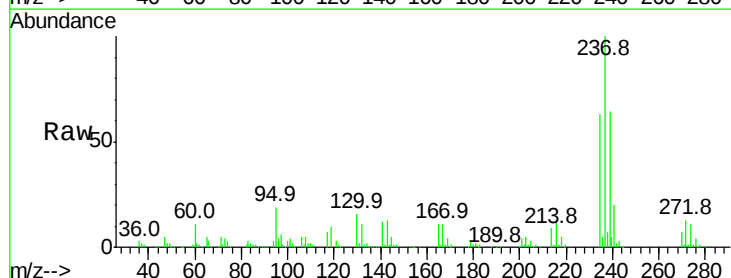
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 89.18 ng
 RT: 13.33 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

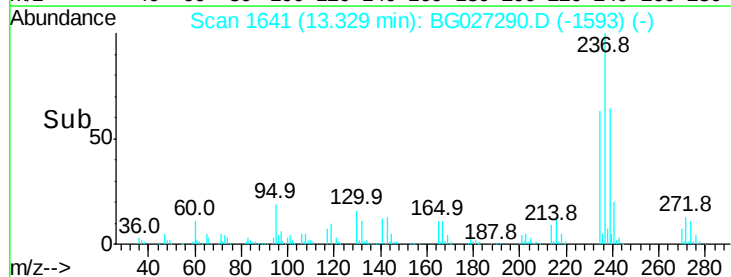
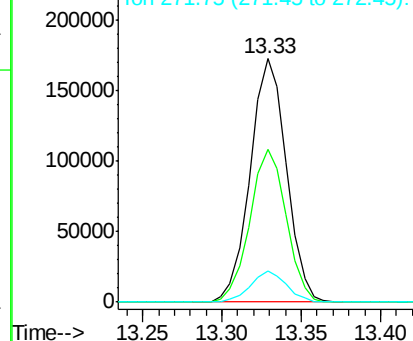
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	274146		
235	62.7	39.4	79.4	
272	12.8	0.0	32.0	

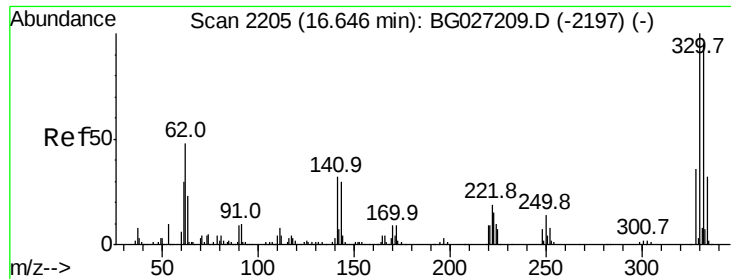


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





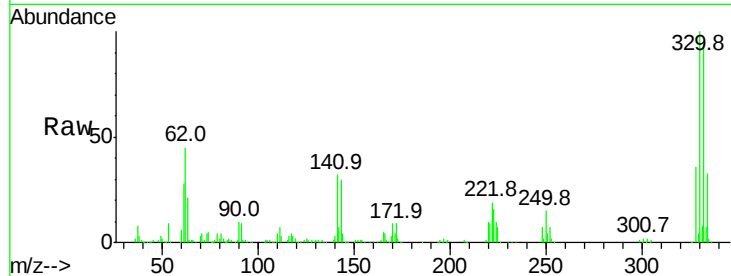
#41
 2,4,6-Tribromophenol
 Concen: 138.63 ng
 RT: 16.62 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.3	115.9	
141	32.6	32.1	48.1	

Manual Integrations
 APPROVED

mohammad
 6/8/2017 2:22:58 PM

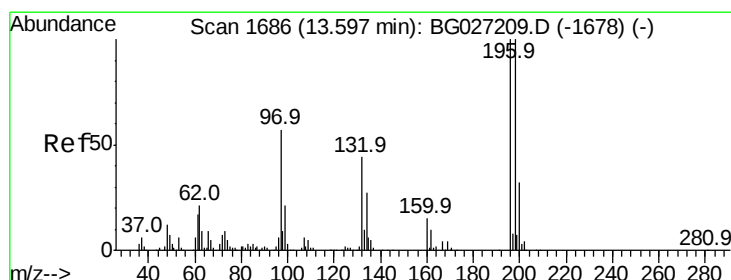
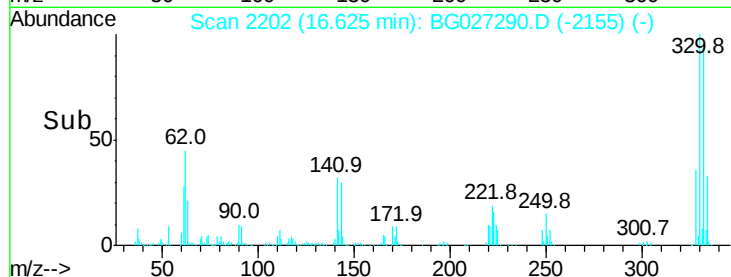
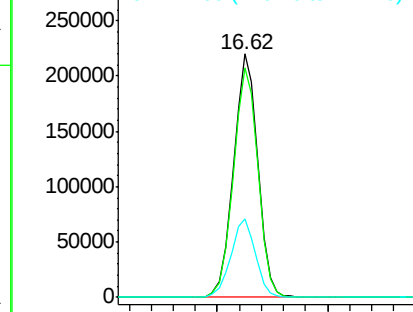


Abundance

Ion 329.80 (329.50 to 330.50): E

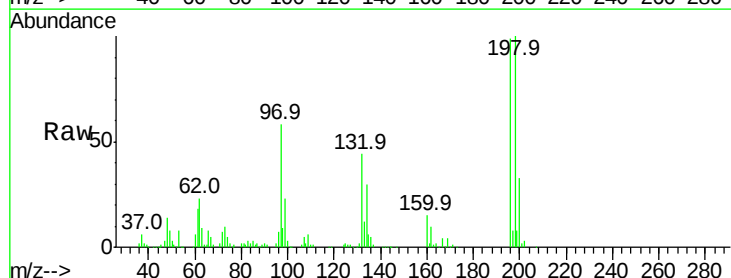
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.82 ng
 RT: 13.58 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.8	81.4	122.2	
200	33.0	27.0	40.6	

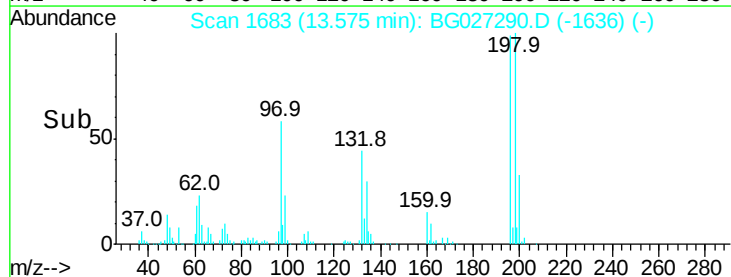
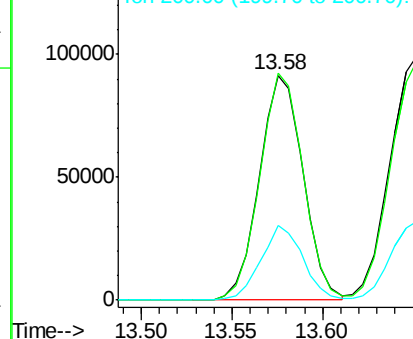


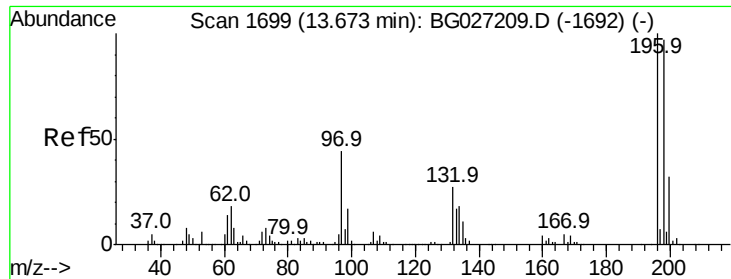
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





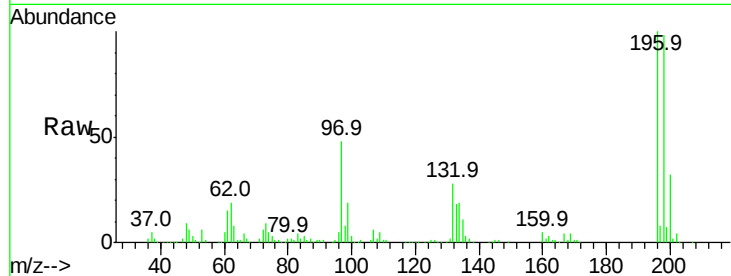
#43
 2,4,5-Trichlorophenol
 Concen: 43.63 ng
 RT: 13.65 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BS

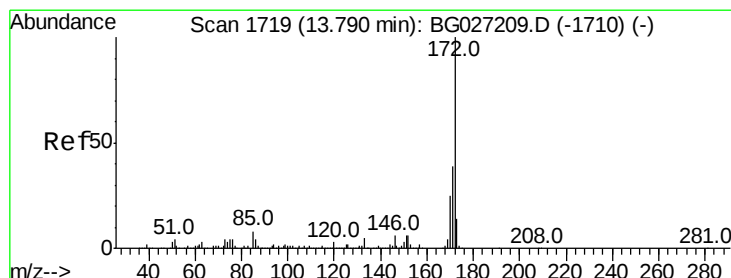
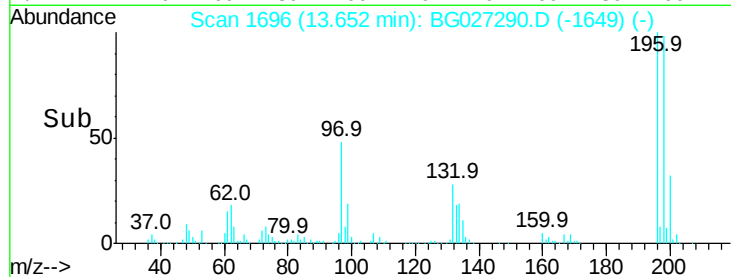
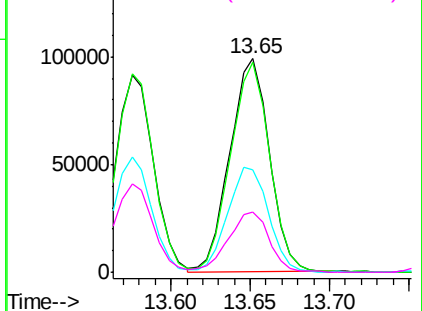
Tot Ion	196	Resp	171035
Ion Ratio	Lower	Upper	
196	100		
198	98.2	79.9	119.9
97	47.9	45.4	68.0
132	28.4	20.7	31.1

Manual Integrations
 APPROVED

mohammad
 6/8/2017 2:22:58 PM



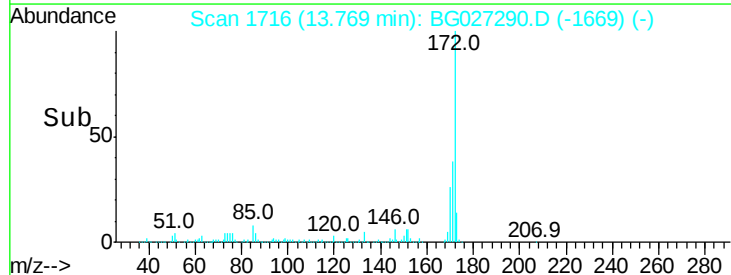
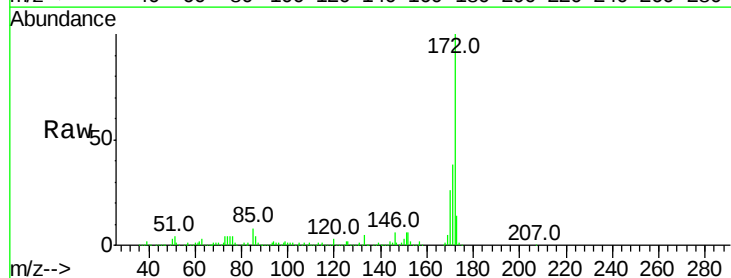
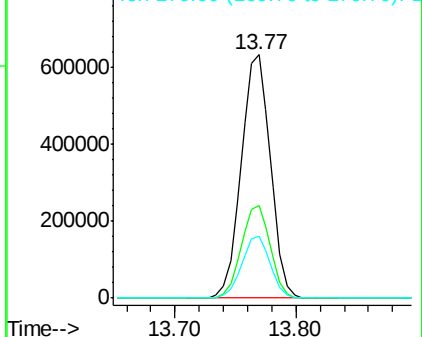
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

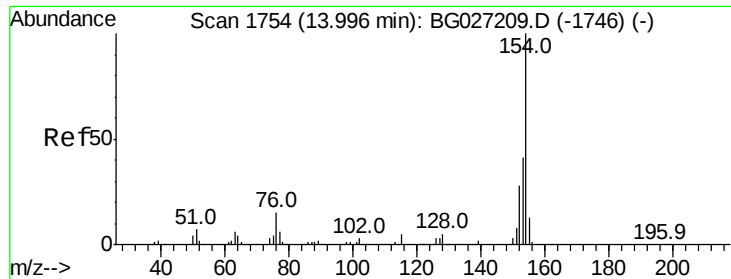


#44
 2-Fluorobiphenyl
 Concen: 80.14 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Tgt Ion	172	Resp	1062038
Ion Ratio	Lower	Upper	
172	100		
171	38.2	32.2	48.2
170	25.7	21.8	32.6

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





#45

1,1'-Biphenyl

Concen: 38.08 ng

RT: 13.97 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

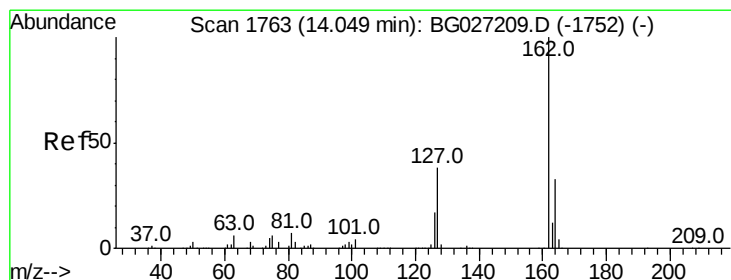
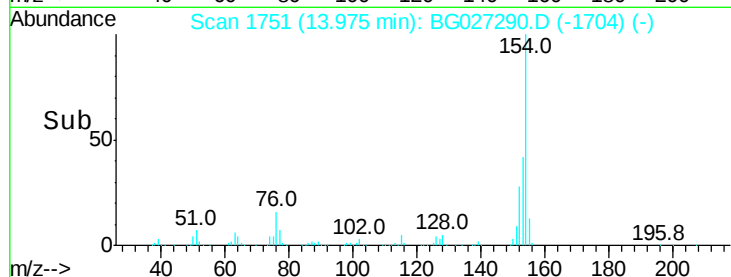
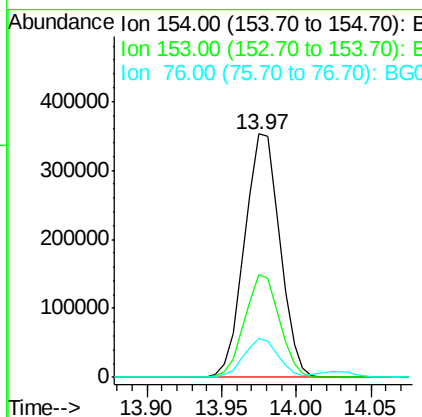
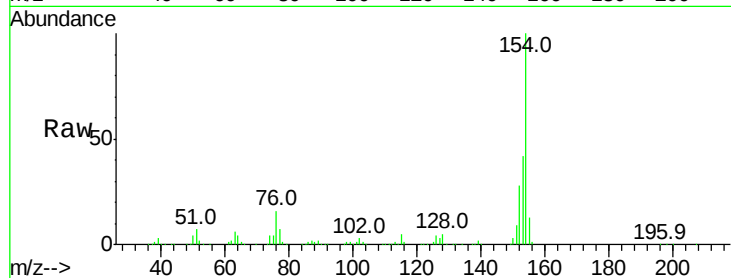
ClientSampleId :

PB99548BS

Tot Ion:	154	Resp:	576293
Ion Ratio	Lower	Upper	
154	100		
153	42.3	23.0	63.0
76	16.0	0.0	33.5

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#46

2-Chloronaphthalene

Concen: 38.55 ng

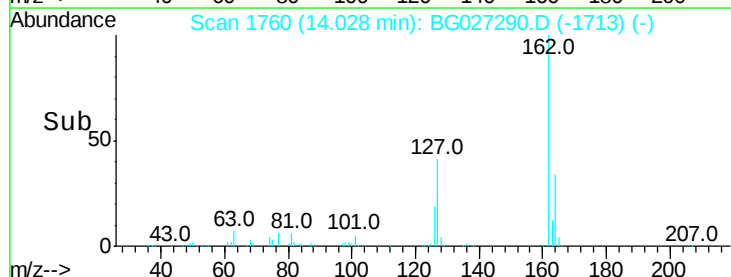
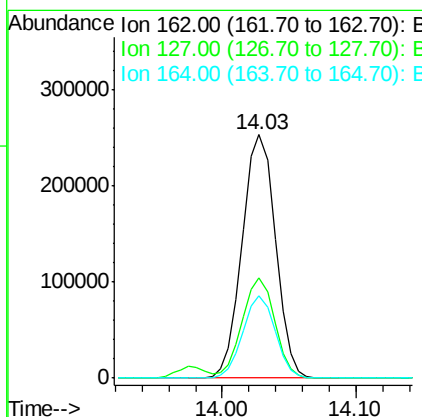
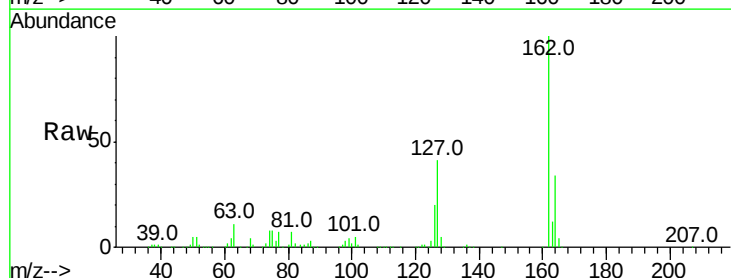
RT: 14.03 min Scan# 1760

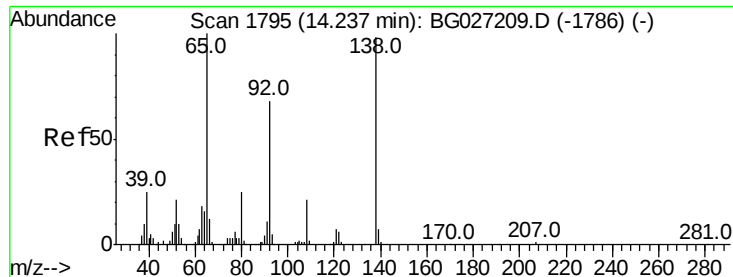
Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Tgt Ion:	162	Resp:	437349
Ion Ratio	Lower	Upper	
162	100		
127	41.0	32.2	48.4
164	33.9	27.3	40.9





#47

2-Nitroaniline

Concen: 47.53 ng

RT: 14.22 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

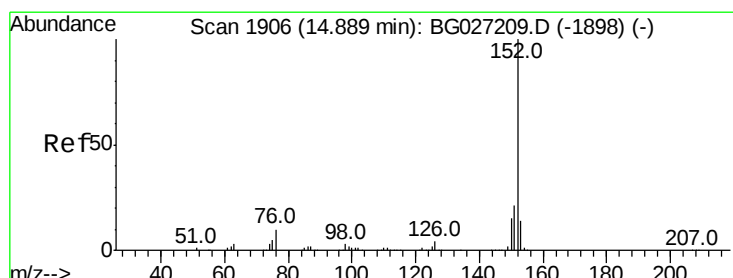
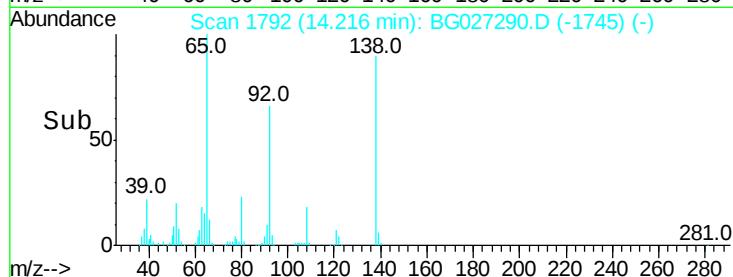
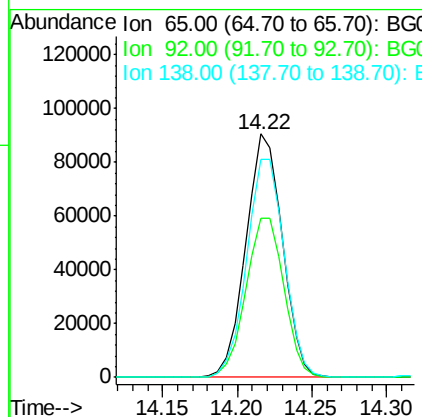
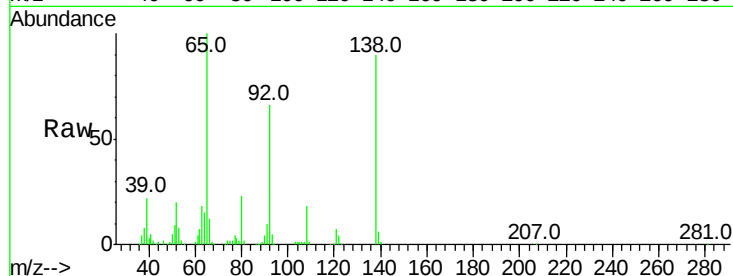
ClientSampleId :

PB99548BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.6	49.0	73.4
138	89.6	58.6	87.8#

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#48

Acenaphthylene

Concen: 37.19 ng

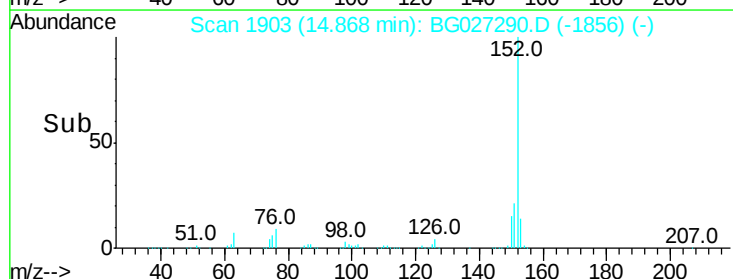
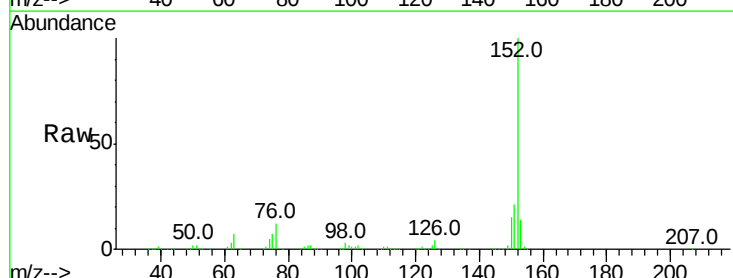
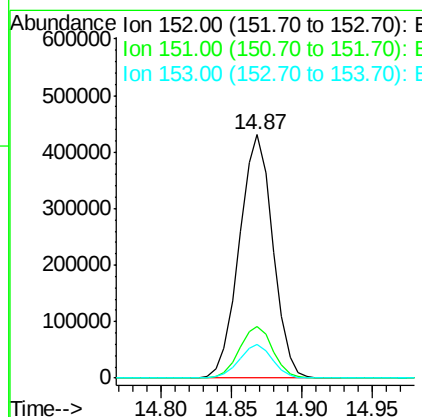
RT: 14.87 min Scan# 1903

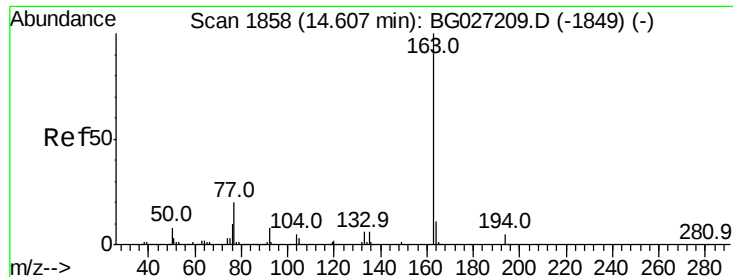
Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	18.2	27.2
153	14.0	11.3	16.9





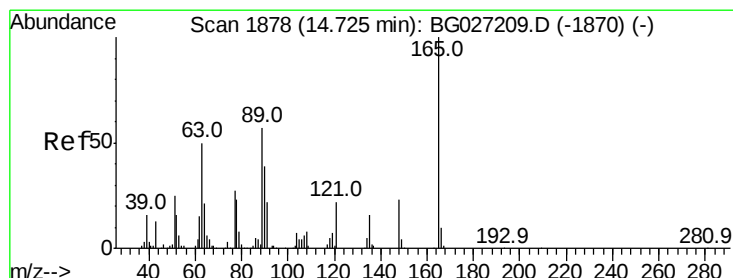
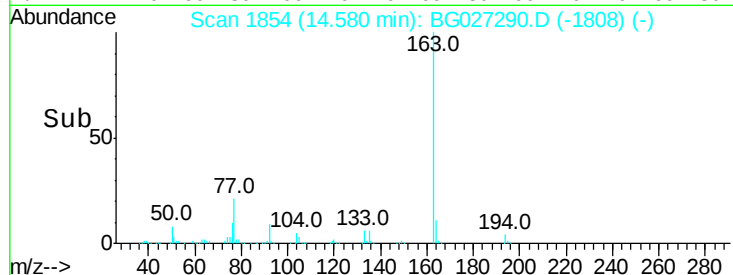
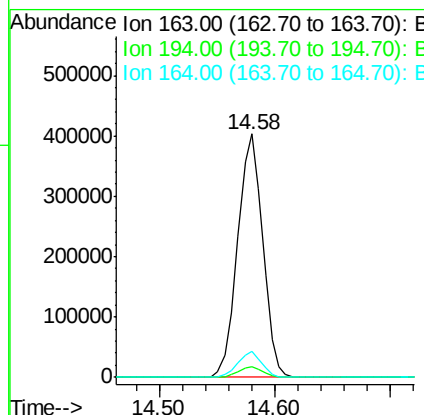
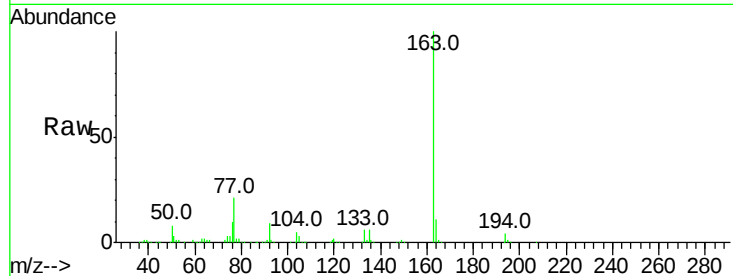
#49
Dimethylphthalate
Concen: 41.19 ng
RT: 14.58 min Scan# 1854
Delta R.T. -0.03 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	605871		
194	4.3		3.8	5.6
164	10.9		9.3	13.9

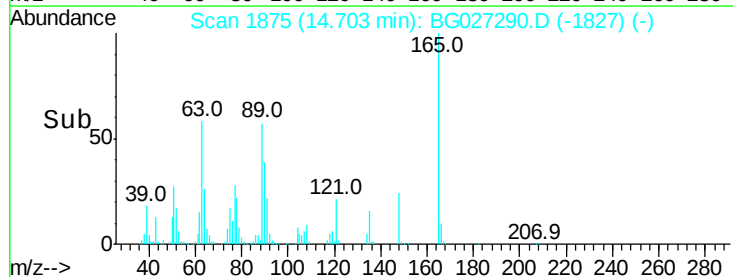
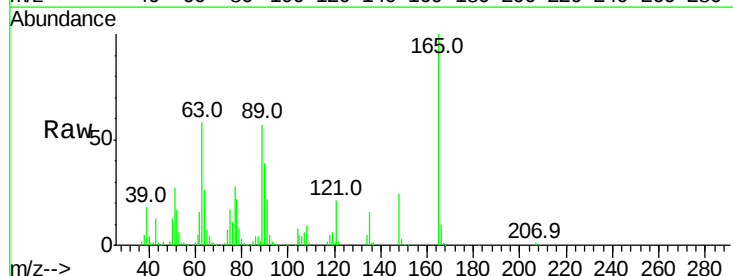
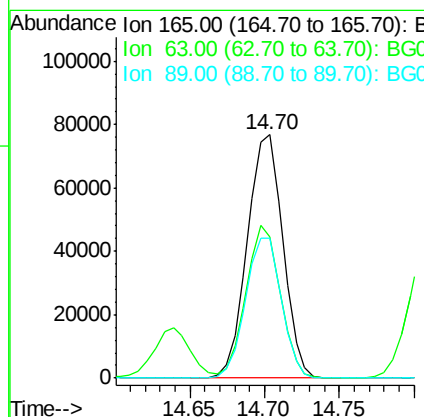
Manual Integrations
APPROVED

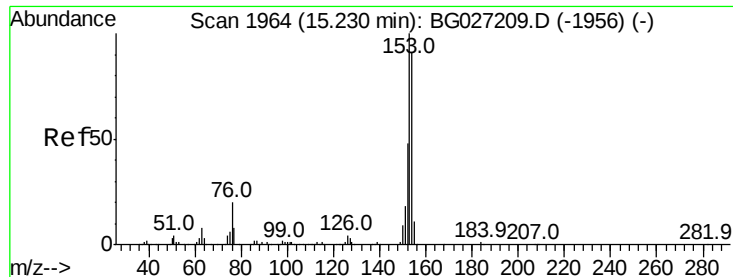
mohammad
6/8/2017 2:22:58 PM



#50
2,6-Dinitrotoluene
Concen: 43.03 ng
RT: 14.70 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	126587		
63	58.0		63.9	95.9#
89	57.4		58.6	88.0#





#51

Acenaphthene

Concen: 40.08 ng

RT: 15.21 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

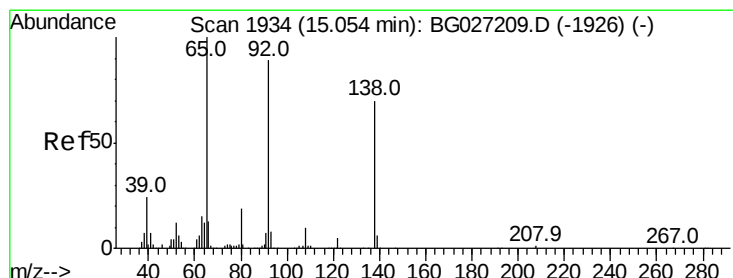
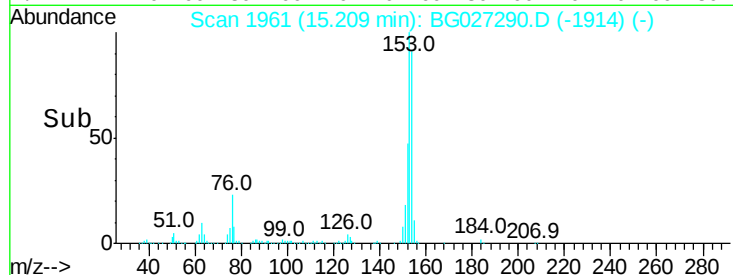
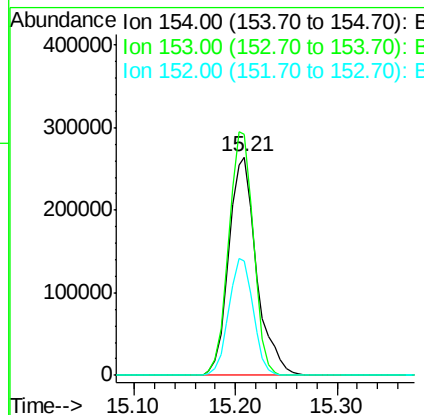
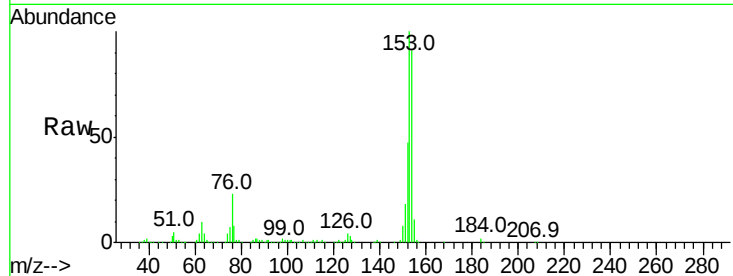
ClientSampleId :

PB99548BS

Tot Ion:	154	Resp:	500588
Ion Ratio	Lower	Upper	
154	100		
153	110.2	87.8	131.6
152	52.3	42.2	63.4

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#52

3-Nitroaniline

Concen: 33.11 ng

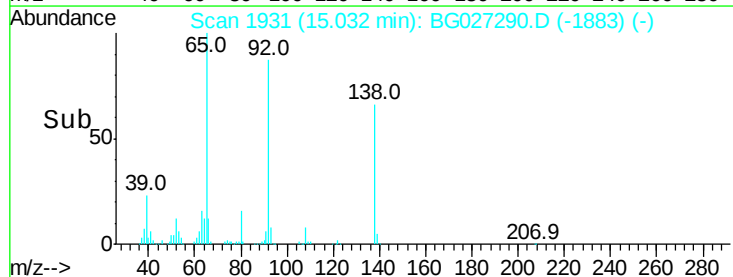
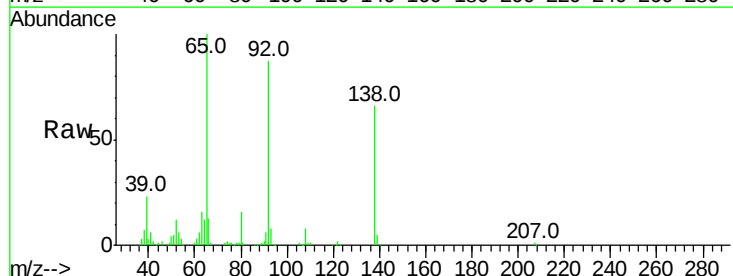
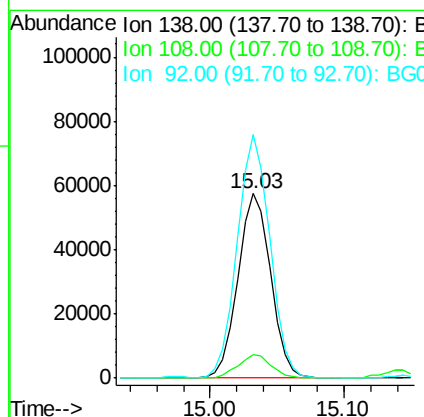
RT: 15.03 min Scan# 1931

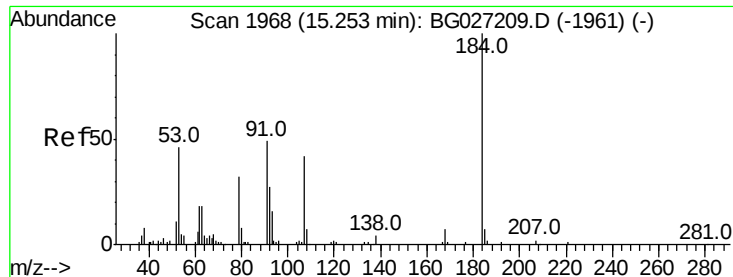
Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Tgt Ion:	138	Resp:	97475
Ion Ratio	Lower	Upper	
138	100		
108	12.8	10.9	16.3
92	132.0	115.3	172.9





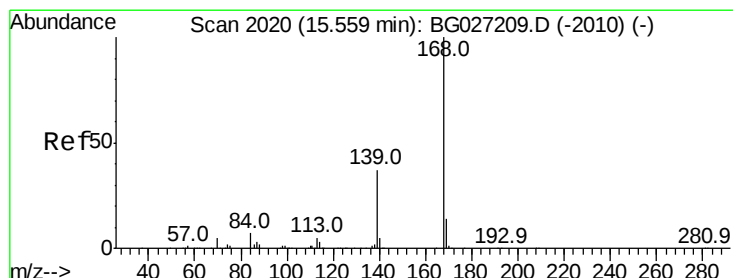
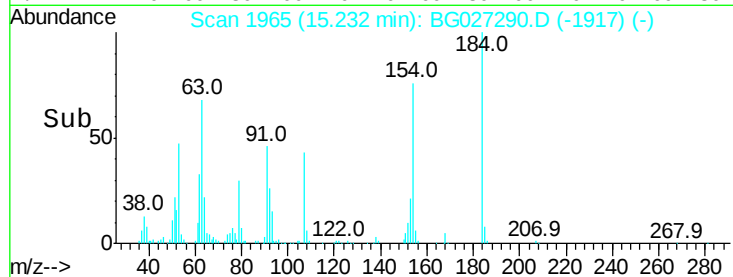
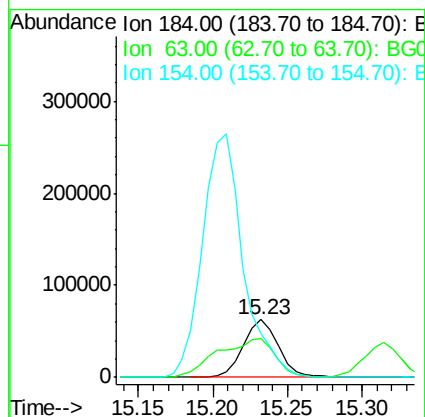
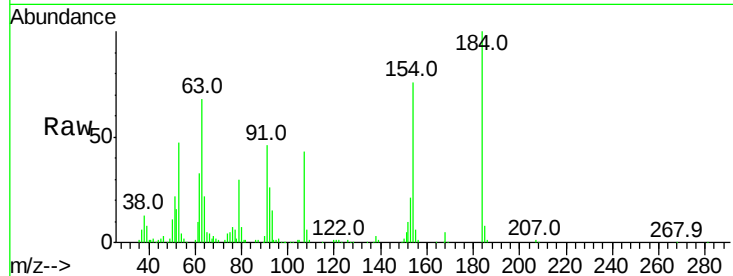
#53
2,4-Dinitrophenol
Concen: 73.28 ng
RT: 15.23 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.9	52.7	79.1
154	75.5	57.3	85.9

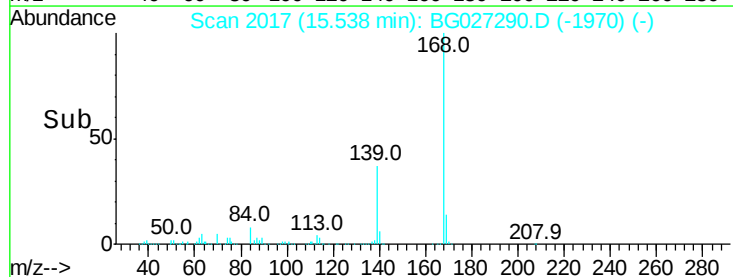
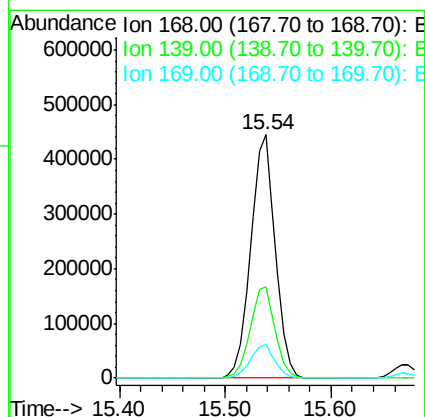
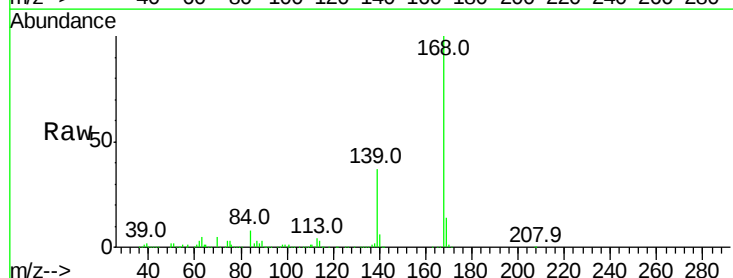
Manual Integrations
APPROVED

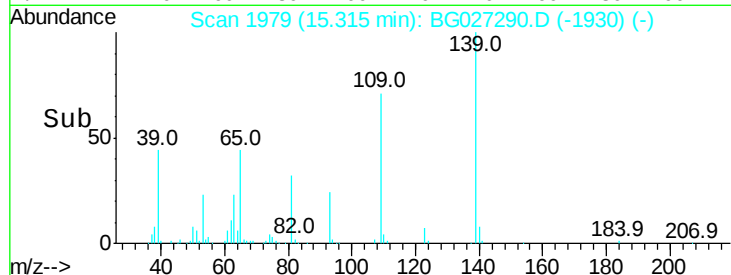
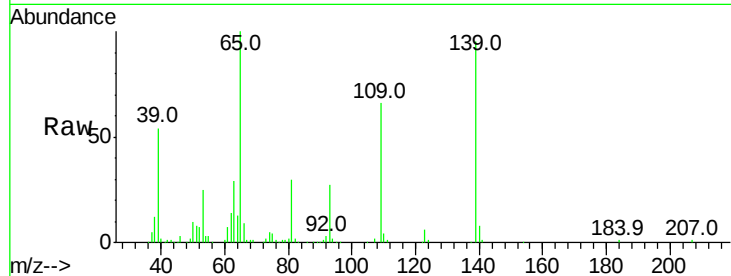
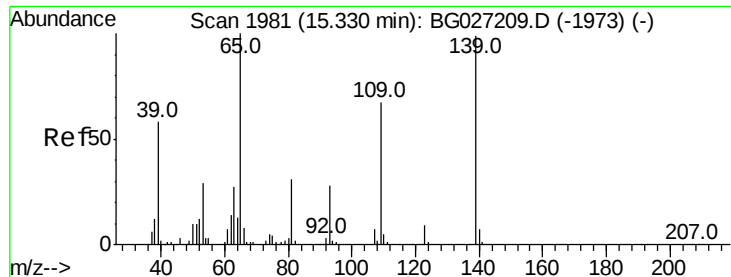
mohammad
6/8/2017 2:22:58 PM



#54
Dibenzofuran
Concen: 41.06 ng
RT: 15.54 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.4	35.3	52.9
169	13.8	11.5	17.3





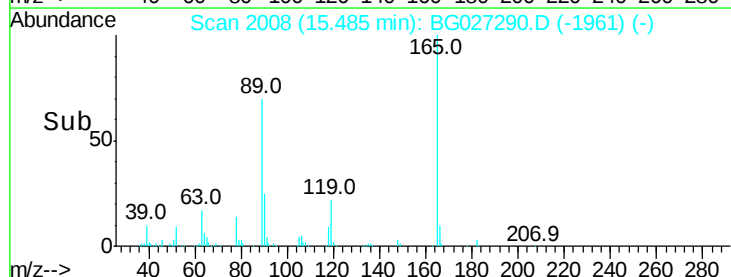
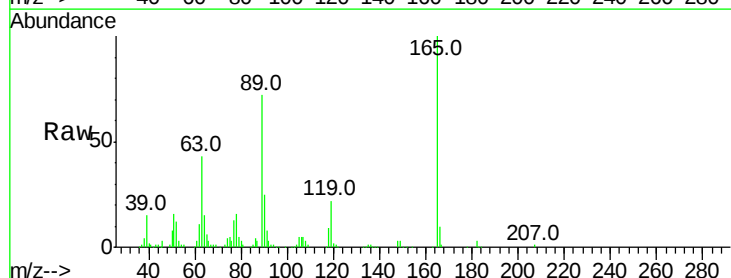
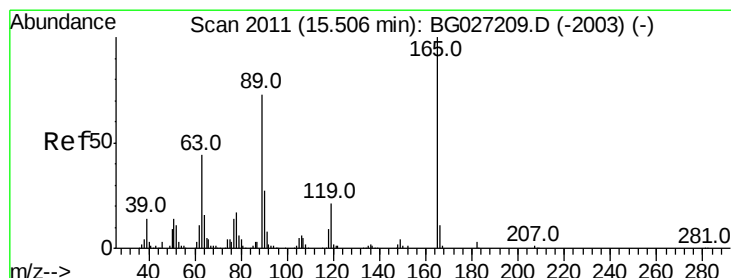
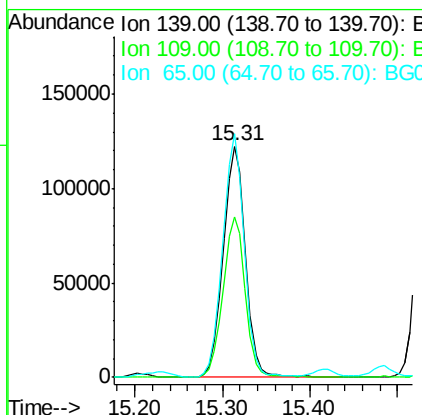
#55
4-Nitrophenol
Concen: 77.30 ng
RT: 15.31 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.2	101.2	141.2#	
65	105.3	135.3	175.3#	

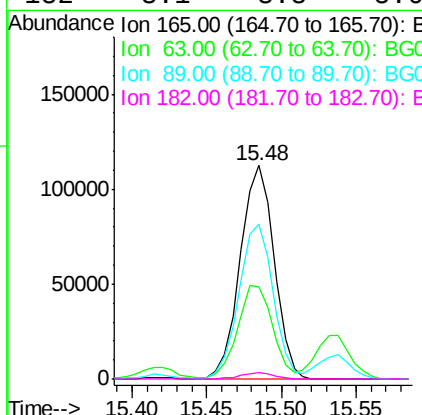
Manual Integrations
APPROVED

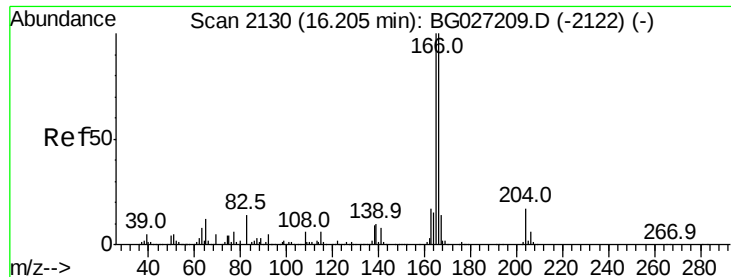
mohammad
6/8/2017 2:22:58 PM



#56
2,4-Dinitrotoluene
Concen: 46.69 ng
RT: 15.48 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.0	44.0	66.0#	
89	72.4	67.3	100.9	
182	3.1	3.8	5.6#	





#57

Fluorene

Concen: 37.77 ng

RT: 16.18 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

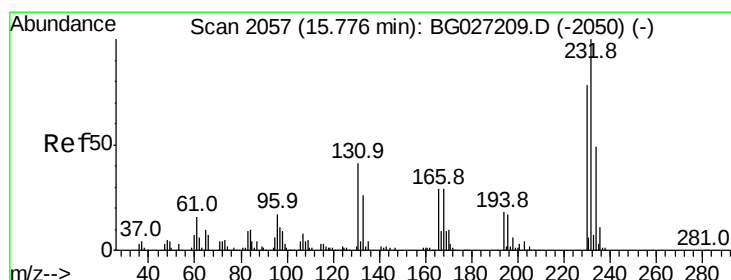
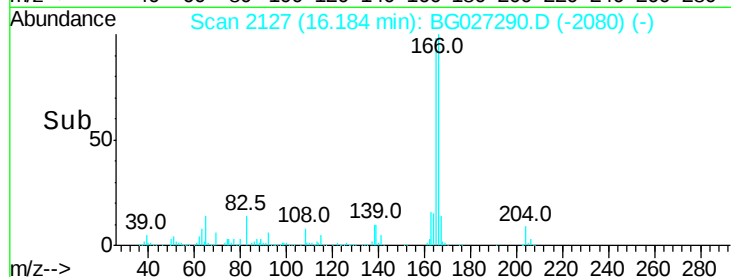
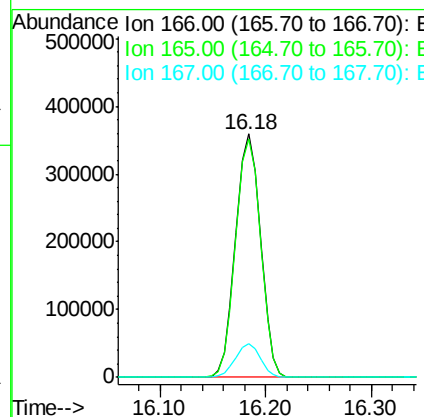
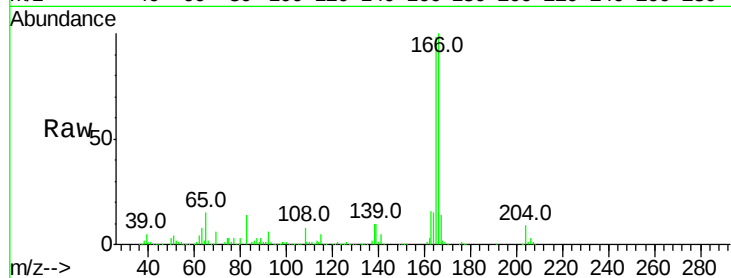
ClientSampleId :

PB99548BS

Tot Ion:	166	Resp:	585495
Ion Ratio	Lower	Upper	
166	100		
165	98.1	78.6	117.8
167	13.9	11.6	17.4

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.80 ng

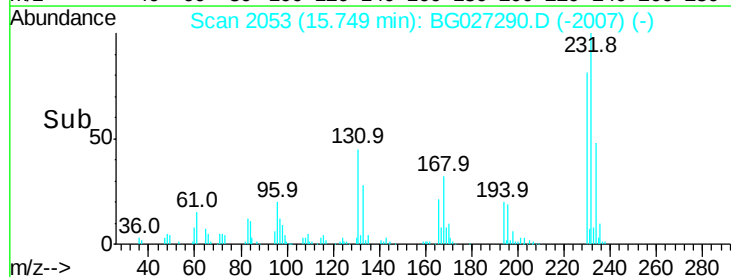
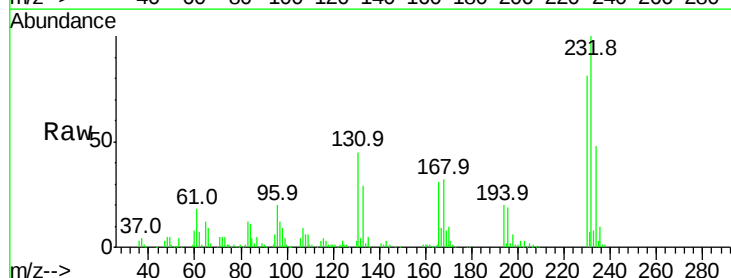
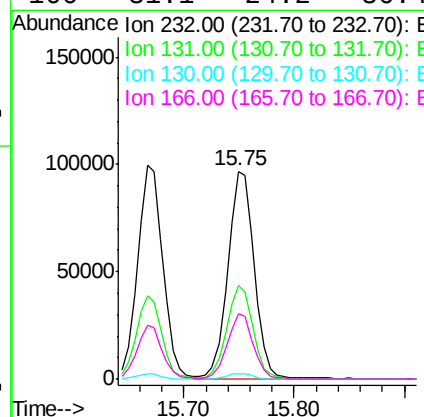
RT: 15.75 min Scan# 2053

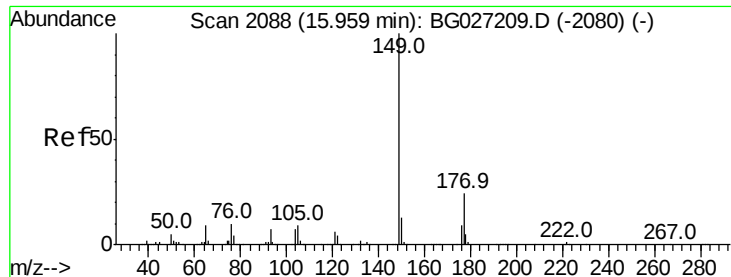
Delta R.T. -0.03 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Tgt Ion:	232	Resp:	160273
Ion Ratio	Lower	Upper	
232	100		
131	45.0	34.9	52.3
130	2.4	2.3	3.5
166	31.1	24.2	36.4





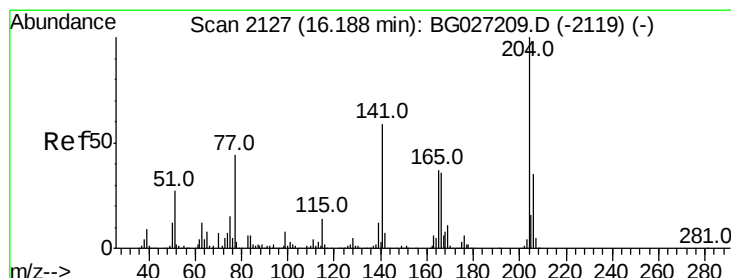
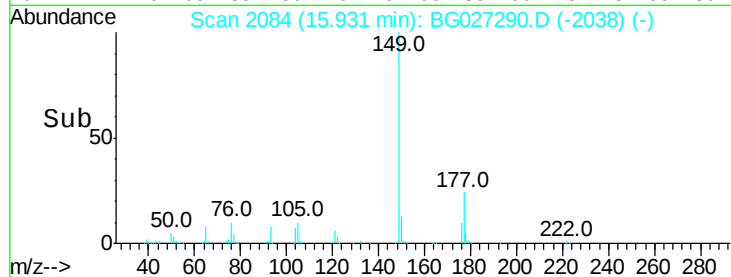
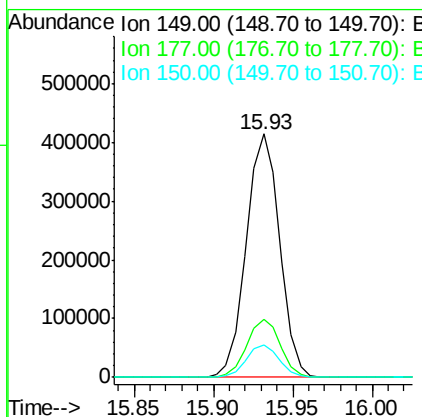
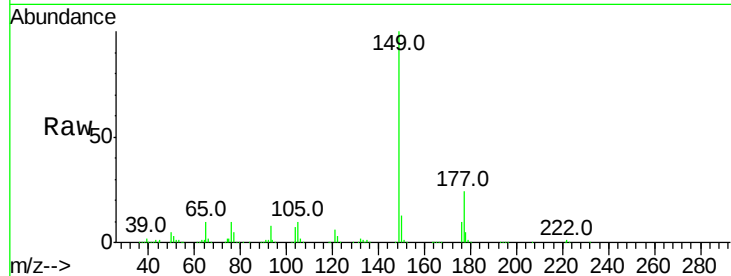
#59
Diethylphthalate
Concen: 41.36 ng
RT: 15.93 min Scan# 2084
Delta R.T. -0.03 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampled :
PB99548BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	23.6	20.1	30.1
150	13.5	10.2	15.2

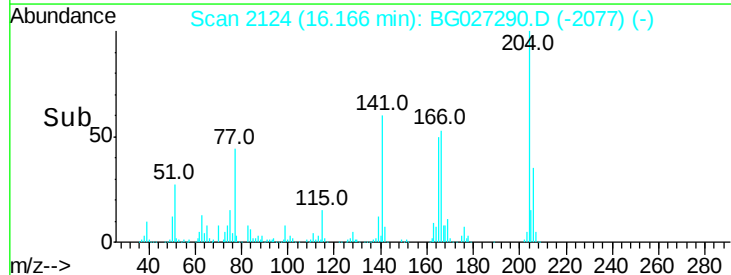
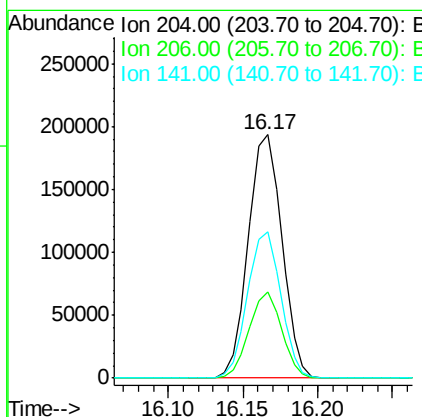
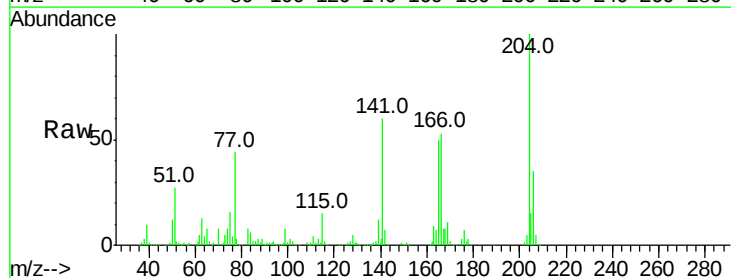
Manual Integrations
APPROVED

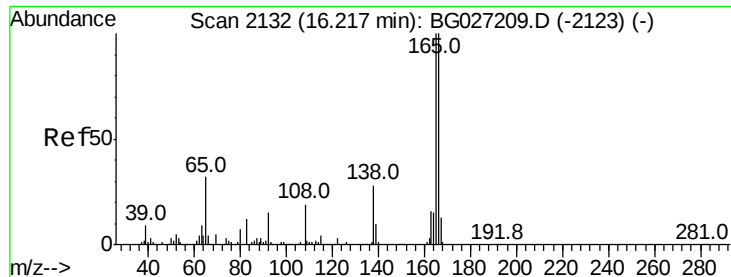
mohammad
6/8/2017 2:22:58 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.68 ng
RT: 16.17 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	35.4	30.1	45.1
141	60.1	50.6	76.0





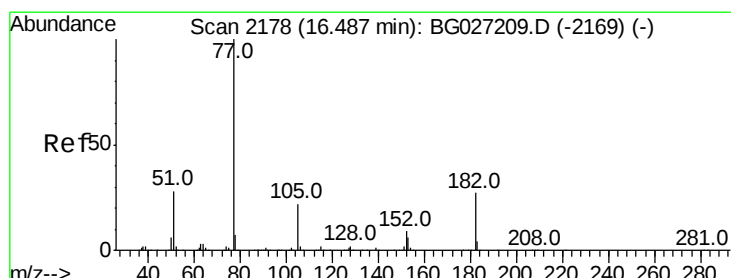
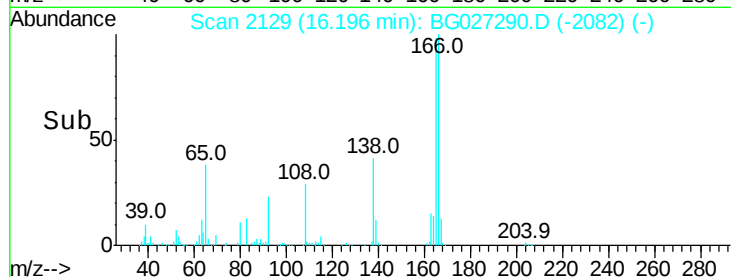
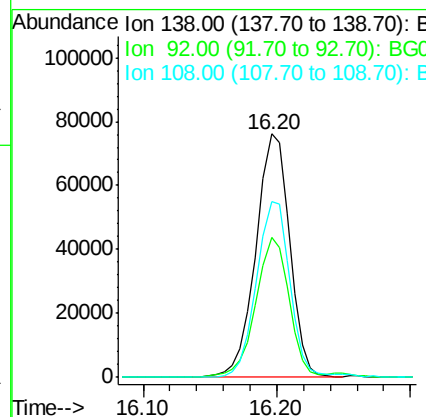
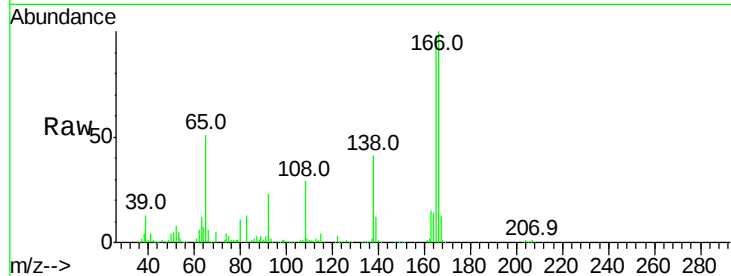
#61
4-Nitroaniline
Concen: 42.83 ng
RT: 16.20 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.7	44.2	84.2
108	72.3	104.8	144.8

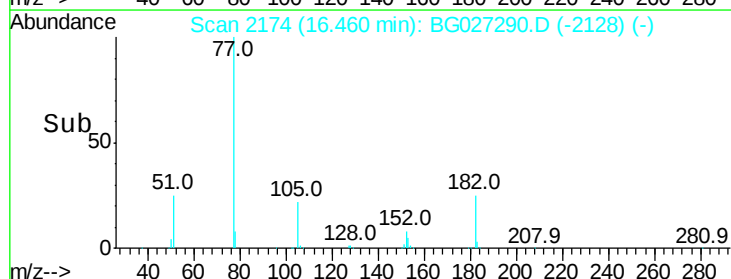
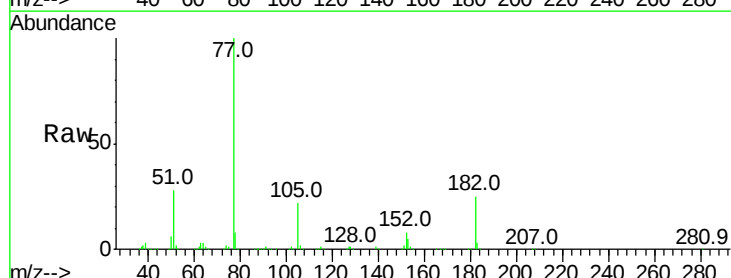
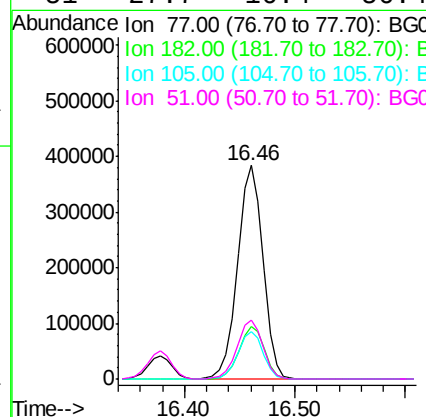
Manual Integrations
APPROVED

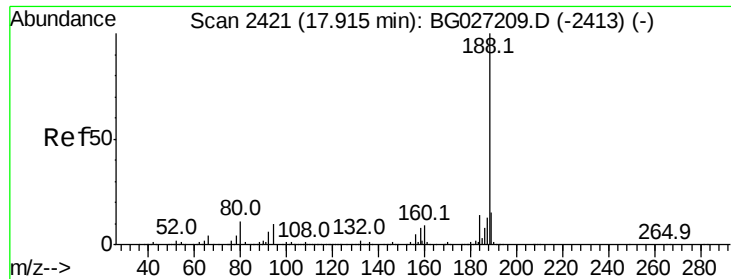
mohammad
6/8/2017 2:22:58 PM



#62
Azobenzene
Concen: 45.50 ng
RT: 16.46 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.7	44.7
105	22.4	0.0	36.3
51	27.7	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.89 min Scan# 2417

Delta R.T. -0.03 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

ClientSampleId :

PB99548BS

Tot Ion:188 Resp: 416830

Ion Ratio Lower Upper

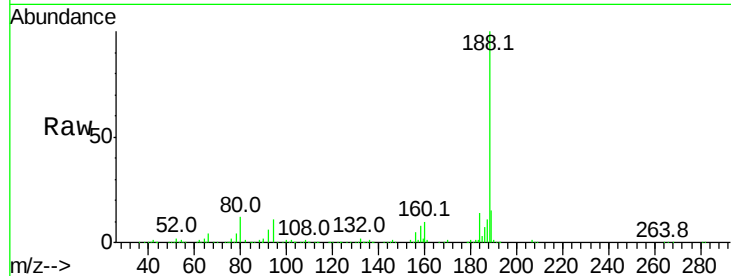
188 100

94 11.0 5.8 8.8#

80 12.2 7.5 11.3#

Manual Integrations
APPROVED

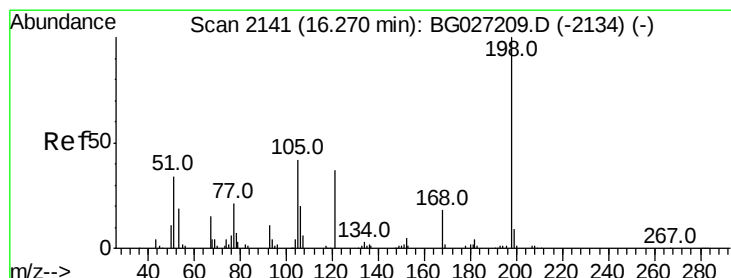
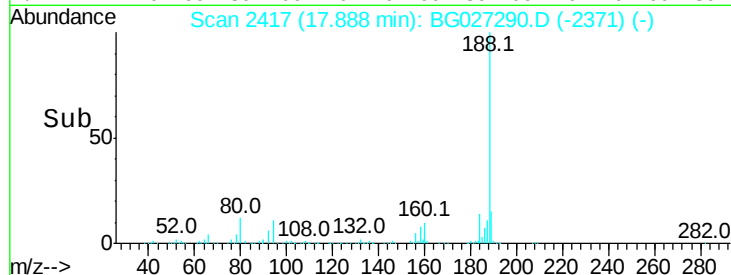
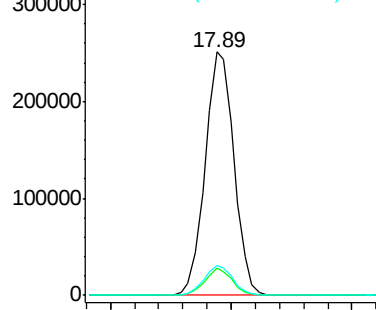
mohammad
6/8/2017 2:22:58 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 46.55 ng

RT: 16.24 min Scan# 2137

Delta R.T. -0.03 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

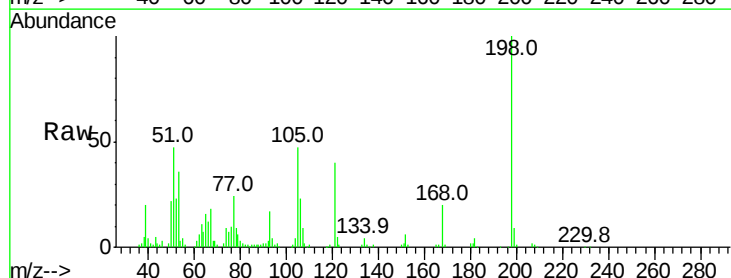
Tgt Ion:198 Resp: 85193

Ion Ratio Lower Upper

198 100

51 46.7 22.6 62.6

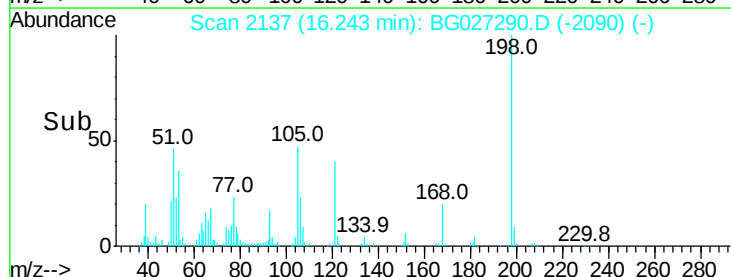
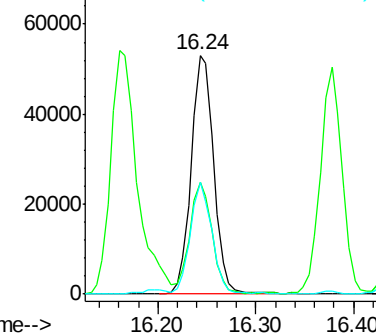
105 46.9 14.4 54.4

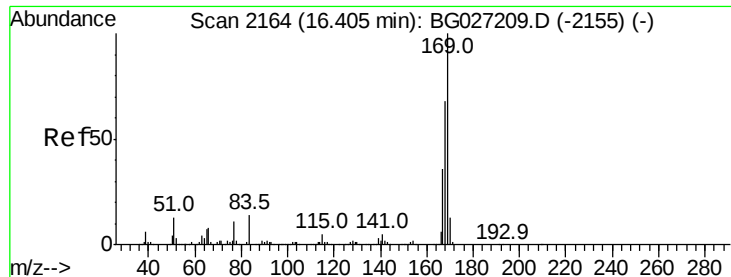


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





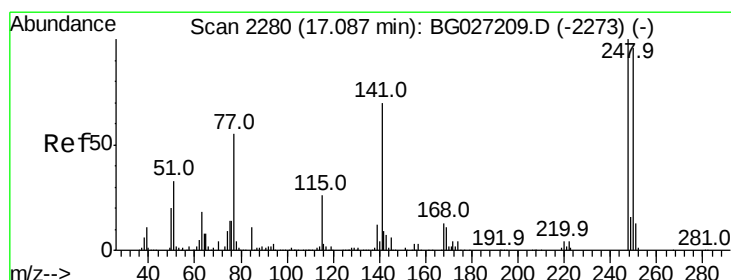
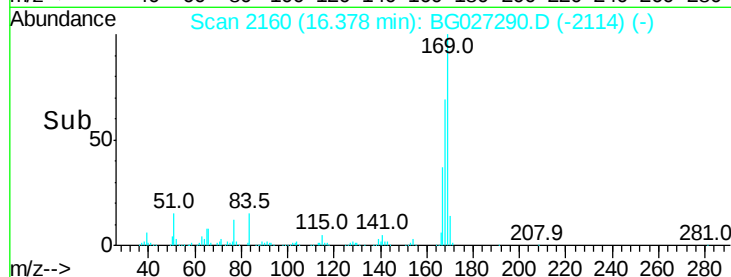
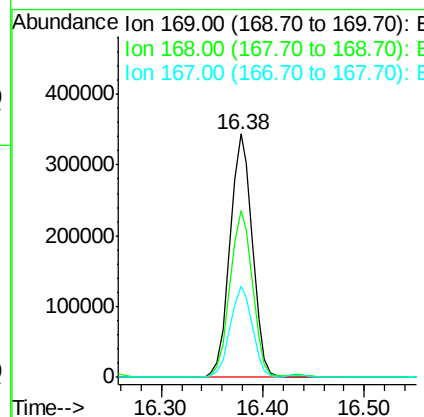
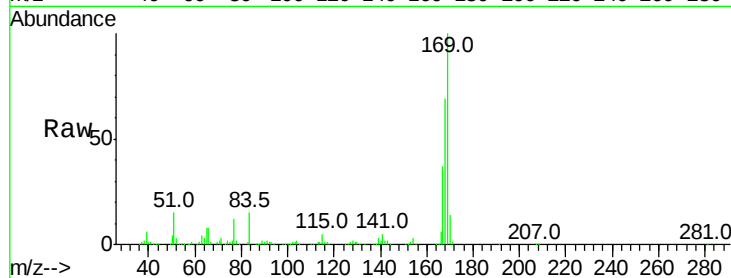
#65
 n-Nitrosodiphenylamine
 Concen: 40.15 ng
 RT: 16.38 min Scan# 2160
 Delta R.T. -0.03 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	524648		
168	68.5		55.7	83.5
167	37.2		29.8	44.6

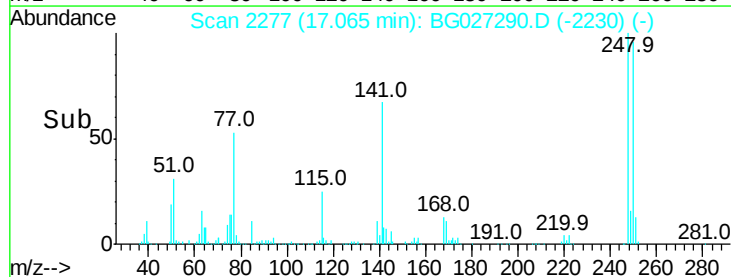
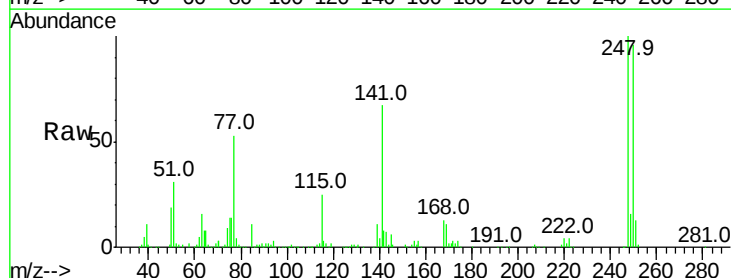
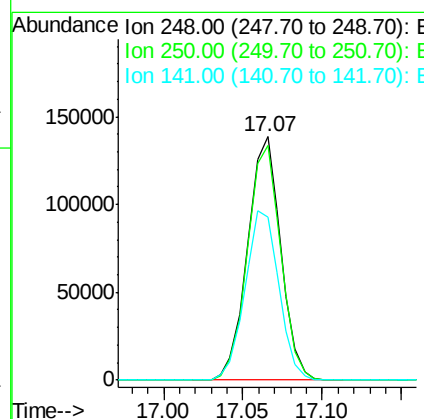
Manual Integrations
 APPROVED

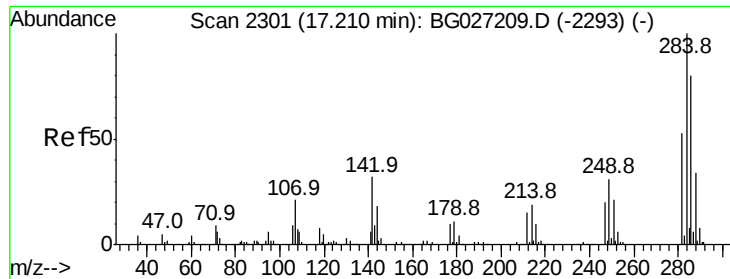
mohammad
 6/8/2017 2:22:58 PM



#66
 4-Bromophenyl-phenylether
 Concen: 40.61 ng
 RT: 17.07 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	200334		
250	96.4		75.0	112.6
141	67.1		55.2	82.8





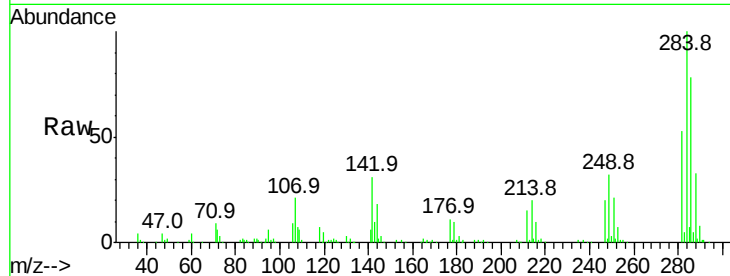
#67
Hexachlorobenzene
Concen: 40.01 ng
RT: 17.19 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

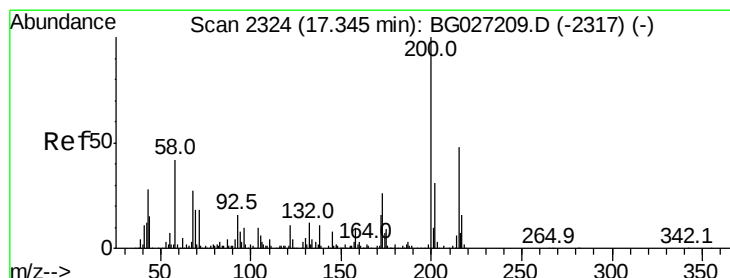
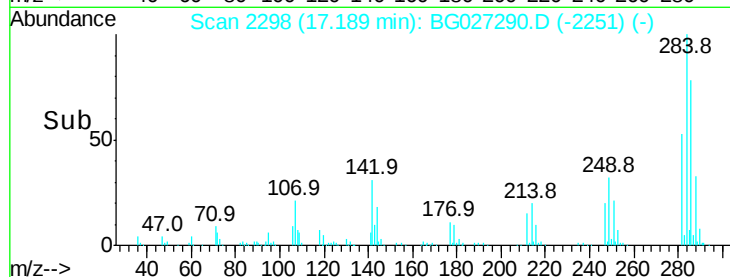
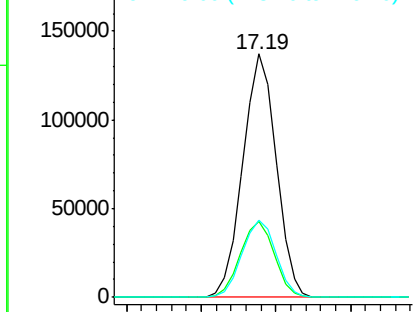
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	31.2	29.9	44.9
249	31.9	29.2	43.8

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM

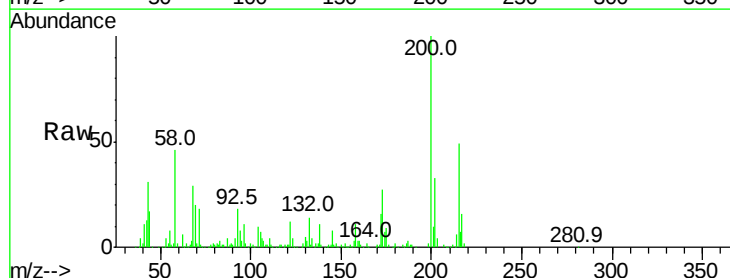


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

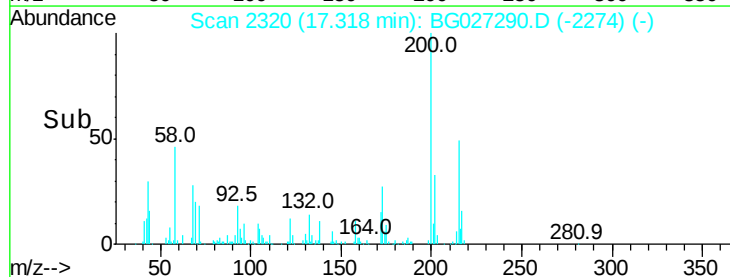
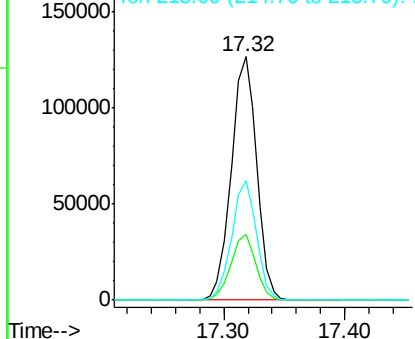


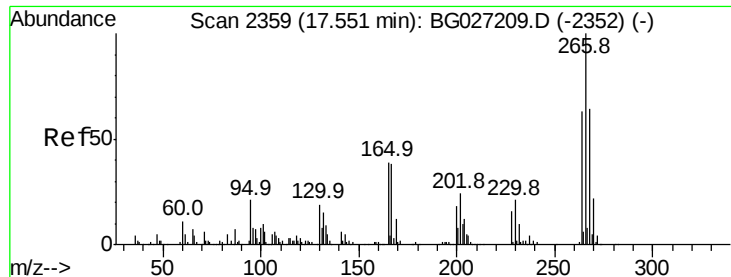
#68
Atrazine
Concen: 42.39 ng
RT: 17.32 min Scan# 2320
Delta R.T. -0.03 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.1	3.0	43.0
215	49.3	28.4	68.4



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





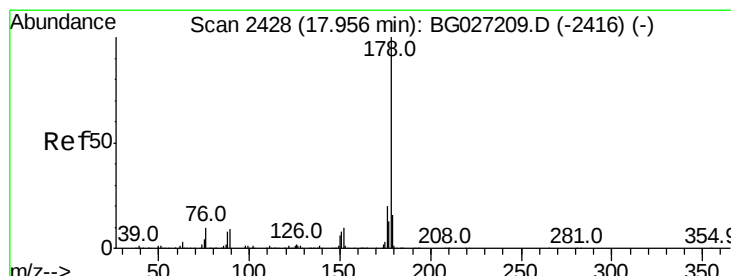
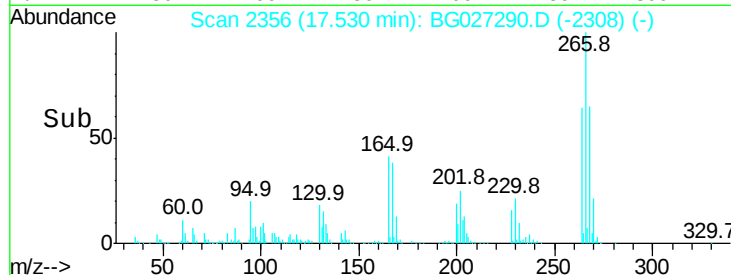
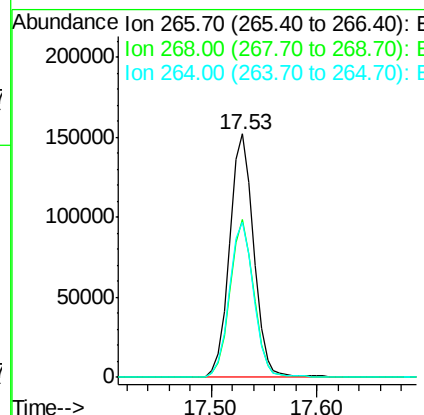
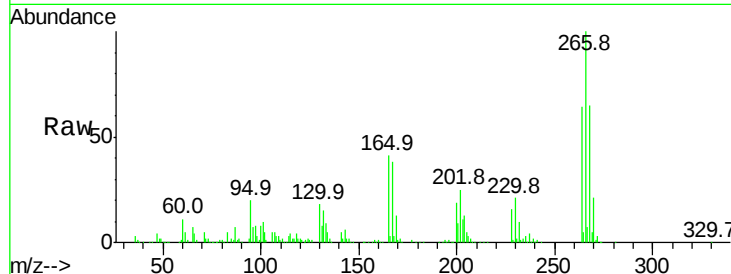
#69
 Pentachlorophenol
 Concen: 77.17 ng
 RT: 17.53 min Scan# 2356
 Delta R.T. -0.02 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	240017		
268	65.0		48.6	72.8
264	63.6		50.1	75.1

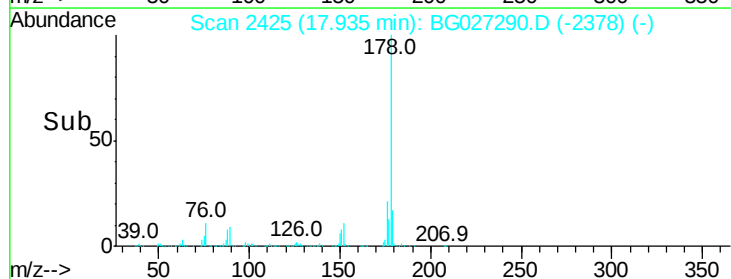
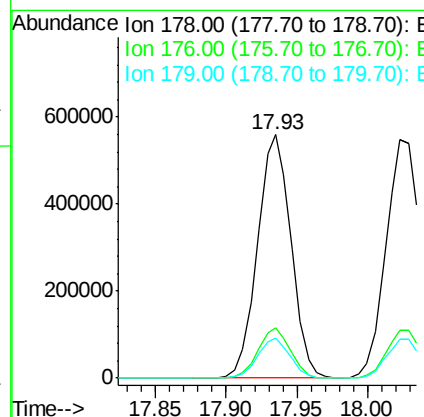
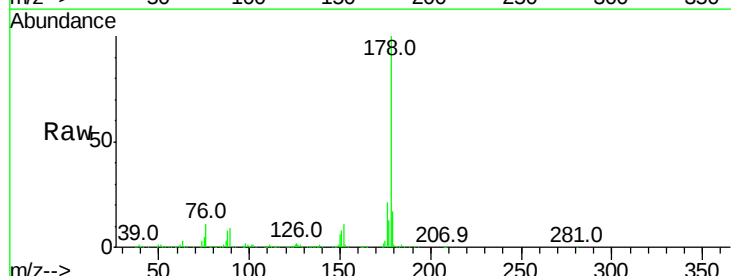
Manual Integrations
 APPROVED

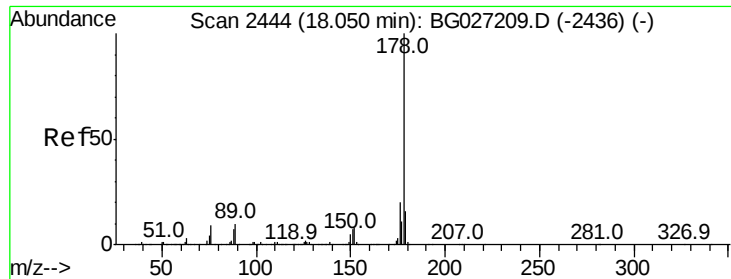
mohammad
 6/8/2017 2:22:58 PM



#70
 Phenanthrene
 Concen: 39.63 ng
 RT: 17.93 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	929300		
176	20.8		17.7	26.5
179	16.6		15.0	22.6





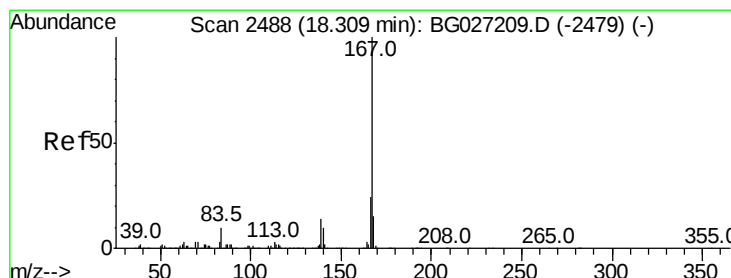
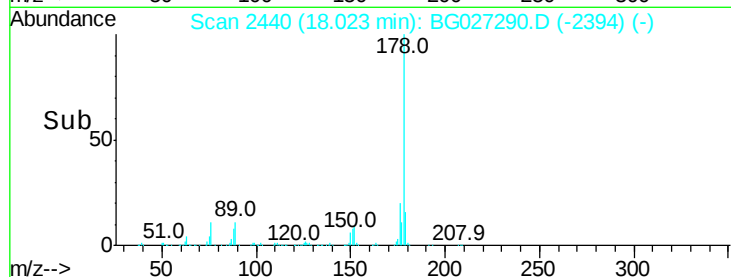
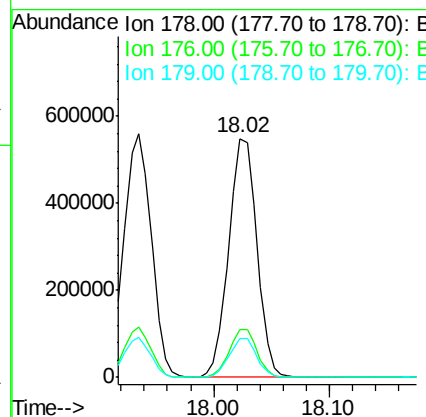
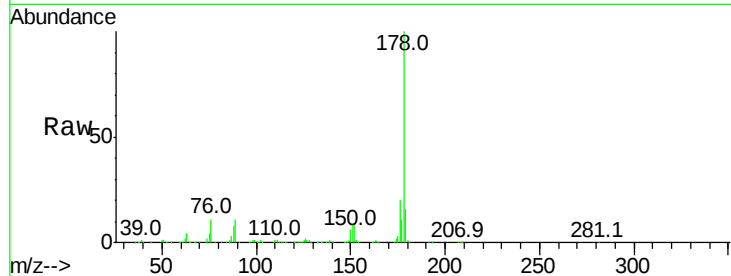
#71
 Anthracene
 Concen: 39.52 ng
 RT: 18.02 min Scan# 2440
 Delta R.T. -0.03 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	16.5	13.8	20.8

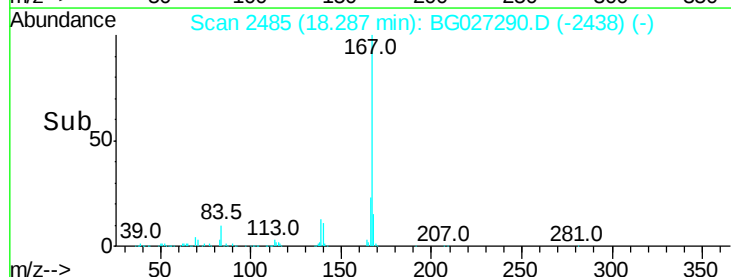
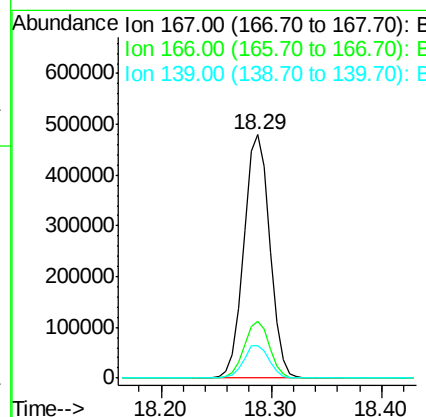
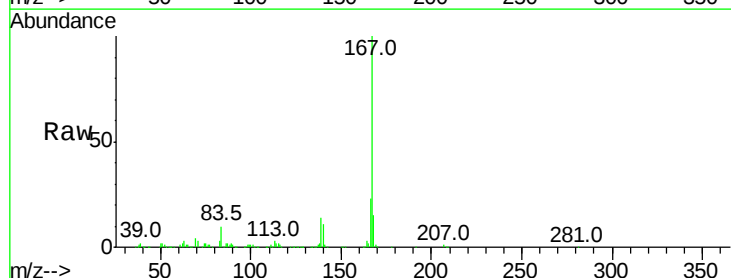
Manual Integrations
 APPROVED

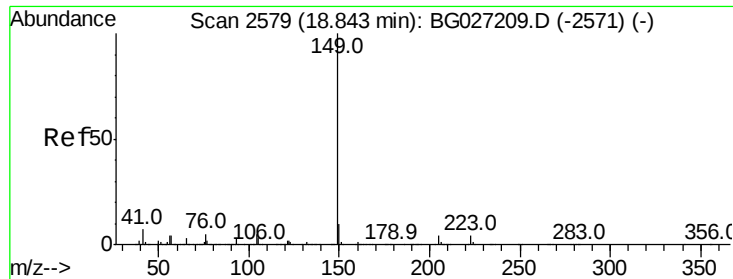
mohammad
 6/8/2017 2:22:58 PM



#72
 Carbazole
 Concen: 35.71 ng
 RT: 18.29 min Scan# 2485
 Delta R.T. -0.02 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	20.2	30.2
139	13.5	12.8	19.2





#73

Di-n-butylphthalate

Concen: 42.94 ng

RT: 18.82 min Scan# 2575

Delta R.T. -0.03 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

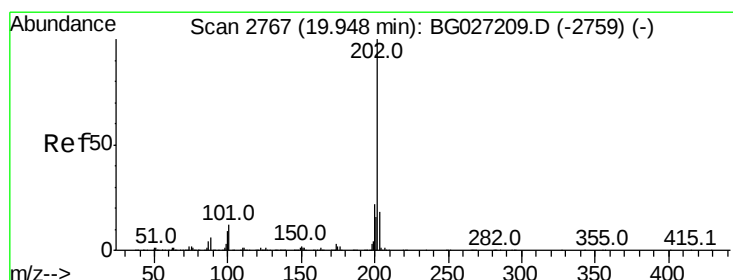
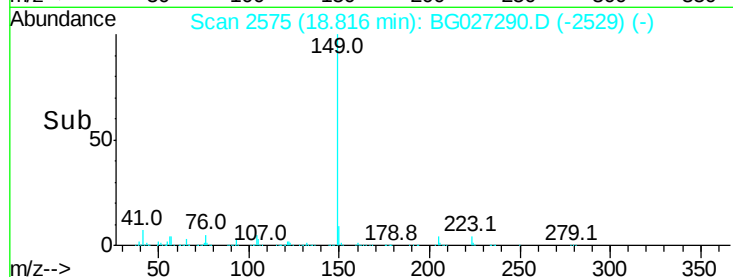
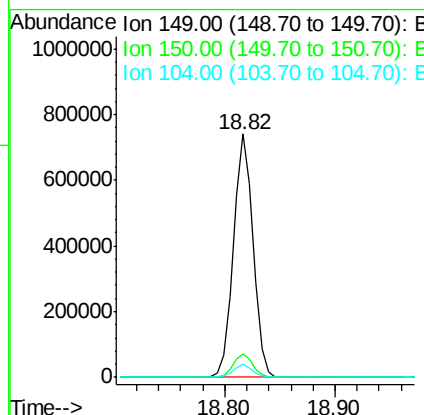
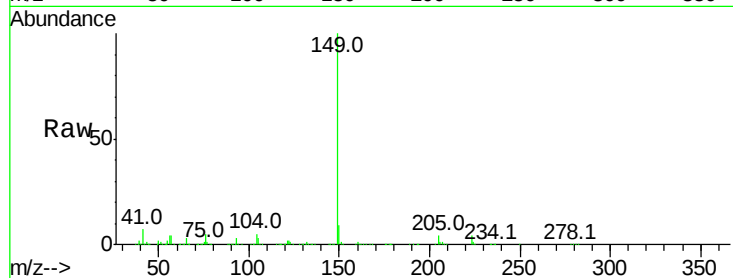
ClientSampleId :

PB99548BS

Tot Ion:	149	Resp:	922733
Ion Ratio	Lower	Upper	
149	100		
150	9.5	9.1	13.7
104	5.2	6.7	10.1

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#74

Fluoranthene

Concen: 38.86 ng

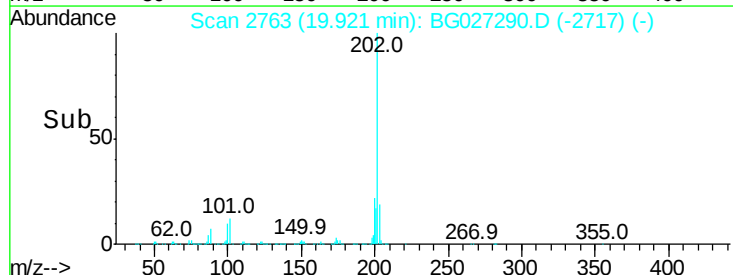
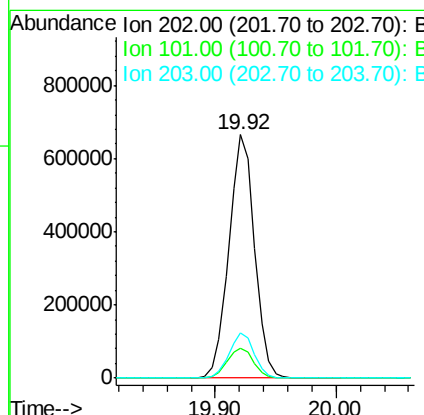
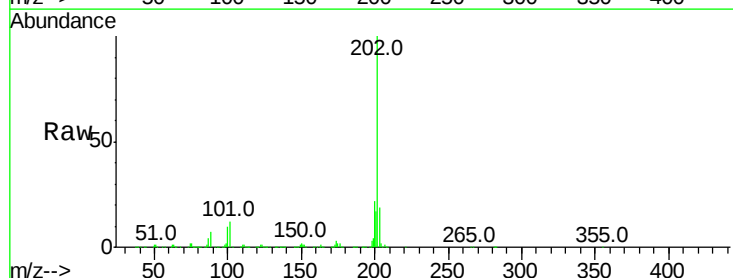
RT: 19.92 min Scan# 2763

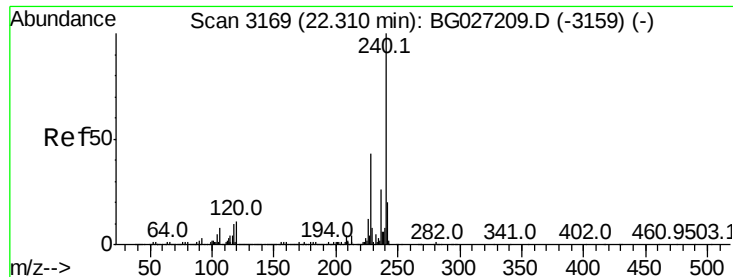
Delta R.T. -0.03 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Tgt Ion:	202	Resp:	973690
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	30.1
203	18.6	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.28 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

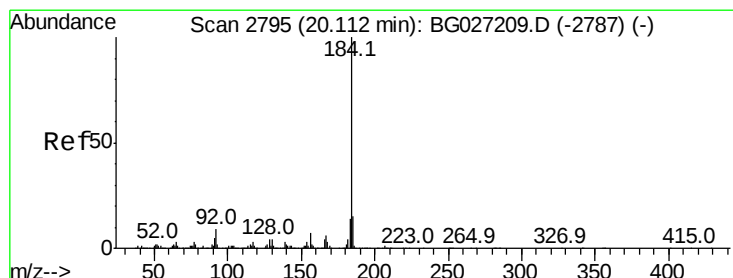
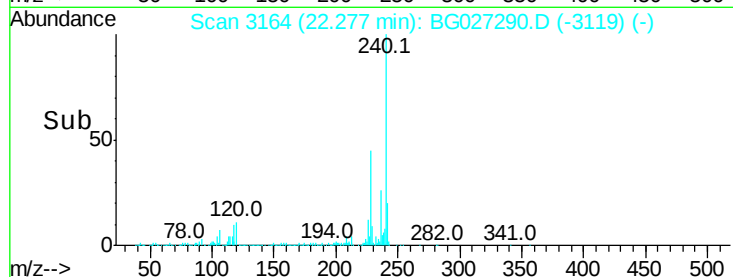
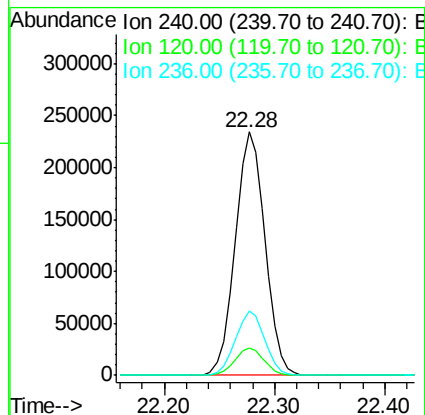
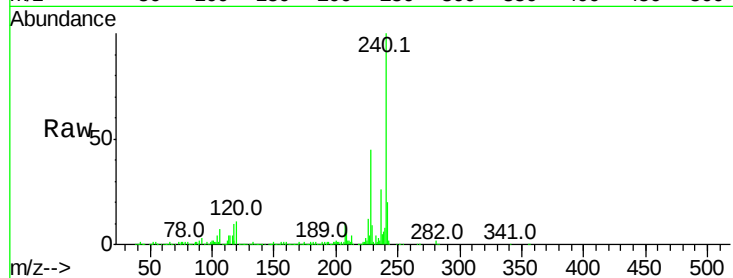
ClientSampleId :

PB99548BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.7	8.5#
236	26.3	22.2	33.4

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#76

Benzidine

Concen: 25.83 ng

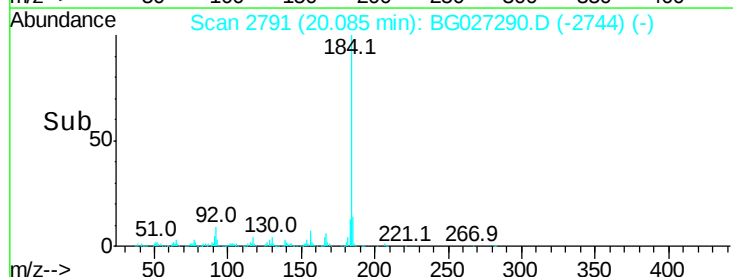
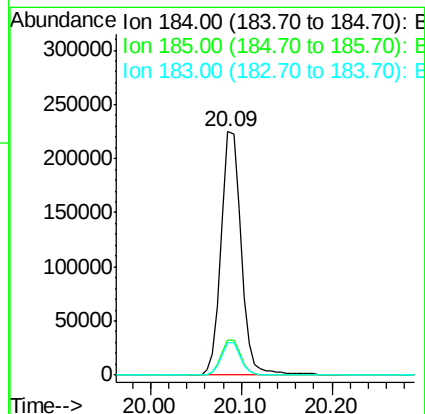
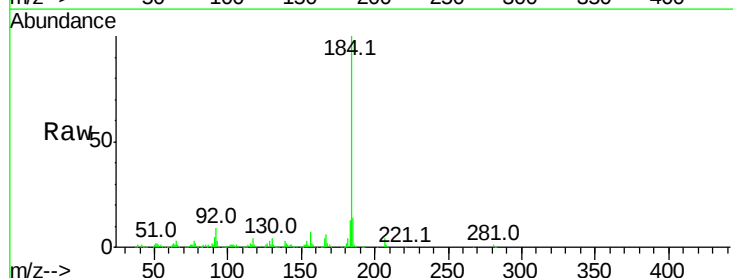
RT: 20.09 min Scan# 2791

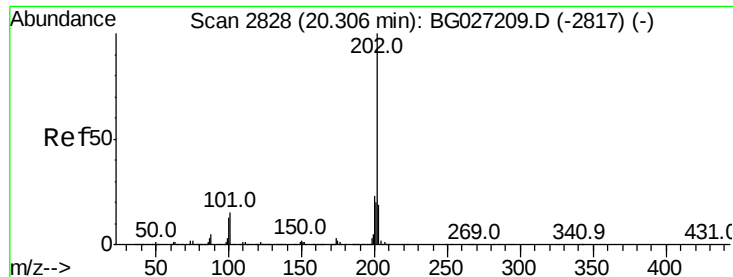
Delta R.T. -0.03 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.0	19.6
183	13.1	11.0	16.6





#77

Pvrene

Concen: 37.38 ng

RT: 20.29 min Scan# 2825

Delta R.T. -0.02 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

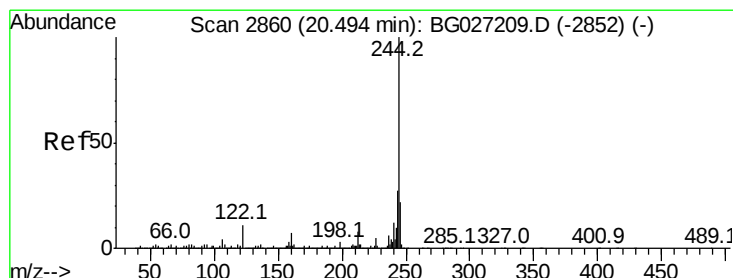
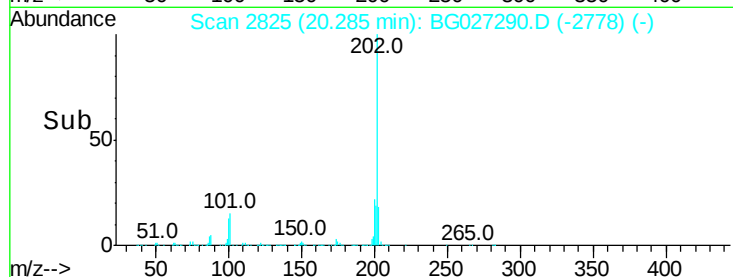
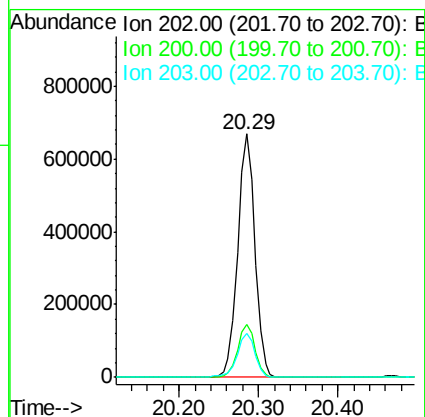
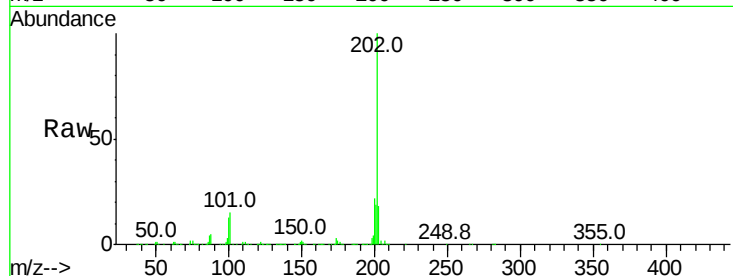
ClientSampleId :

PB99548BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	19.6	29.4
203	18.0	15.8	23.8

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#78

Terphenyl-d14

Concen: 83.62 ng

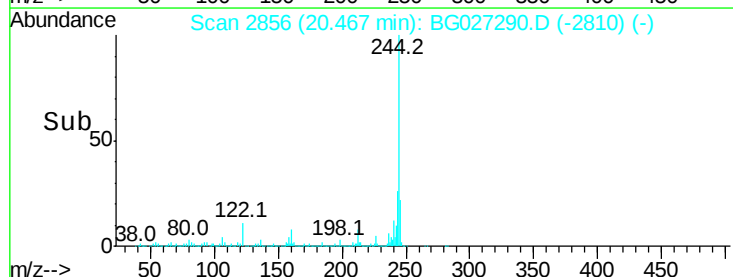
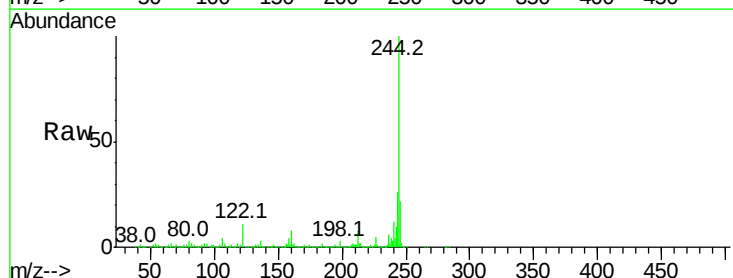
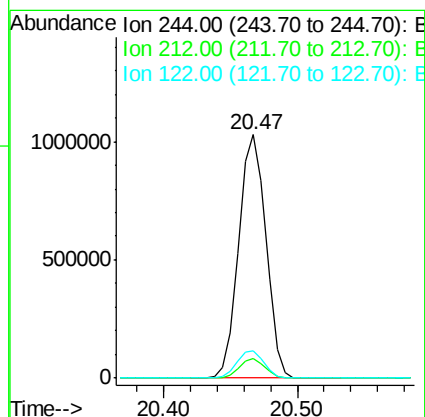
RT: 20.47 min Scan# 2856

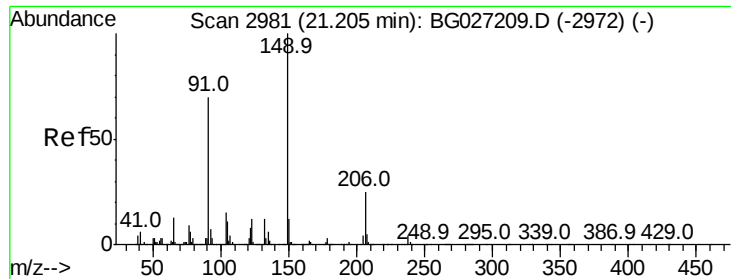
Delta R.T. -0.03 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	11.2	8.6	12.8





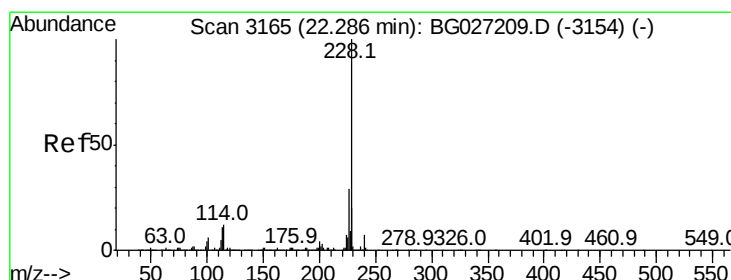
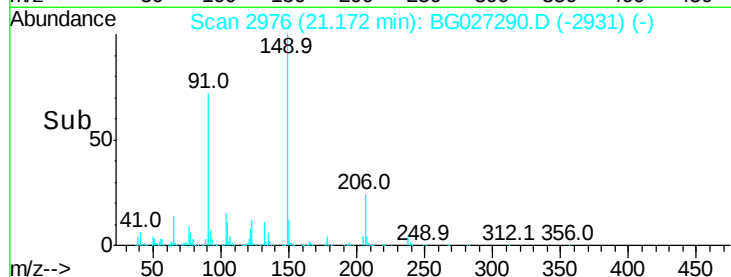
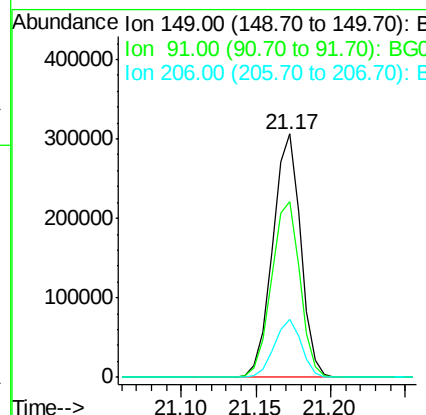
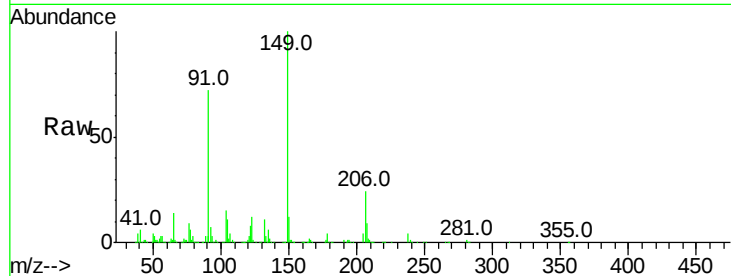
#79
Butylbenzylphthalate
Concen: 42.00 ng
RT: 21.17 min Scan# 2976
Delta R.T. -0.03 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.2	63.5	95.3
206	24.0	21.0	31.6

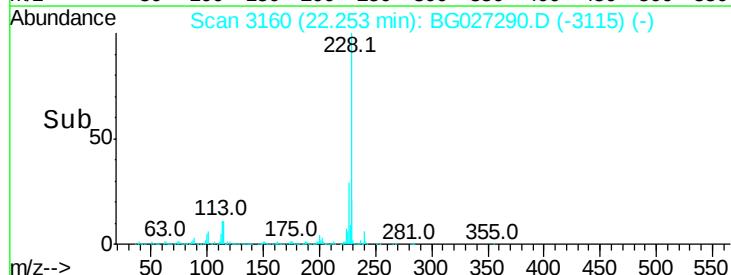
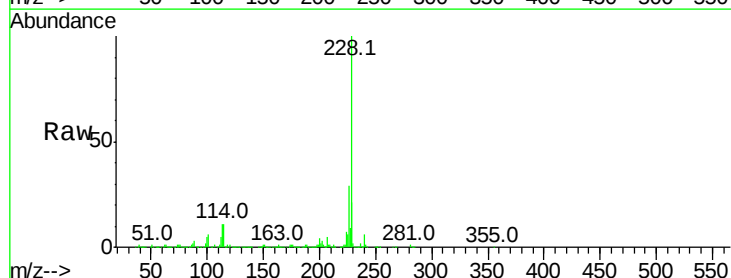
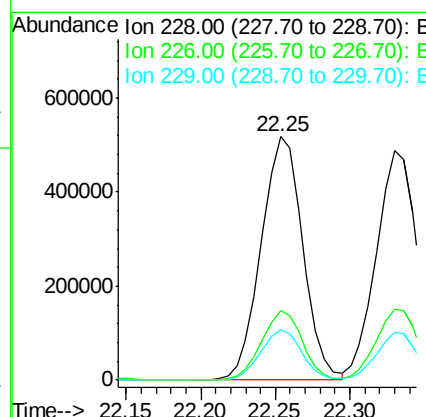
Manual Integrations
APPROVED

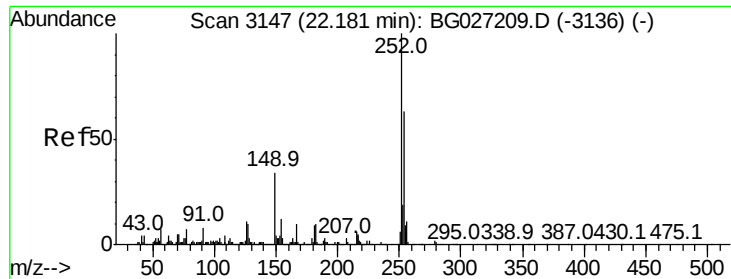
mohammad
6/8/2017 2:22:58 PM



#80
Benzo(a)anthracene
Concen: 39.60 ng
RT: 22.25 min Scan# 3160
Delta R.T. -0.03 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	20.7	18.2	27.2





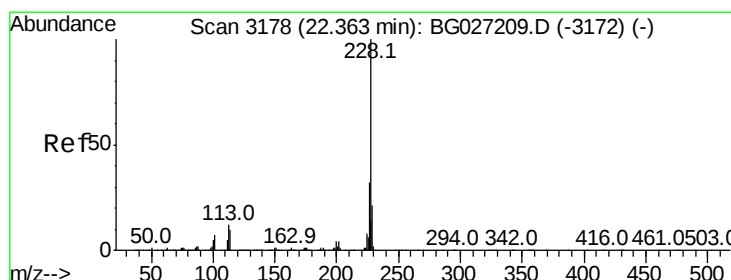
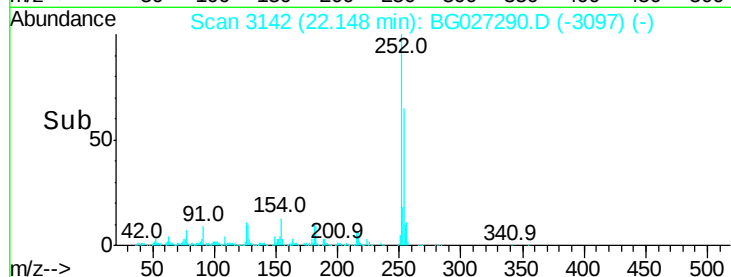
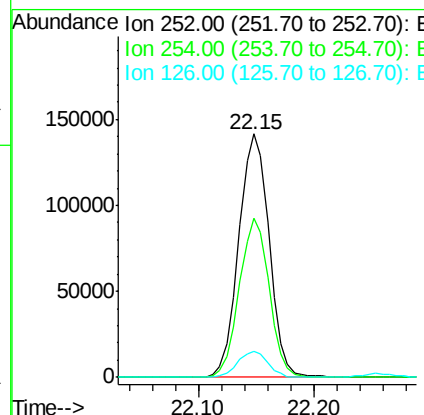
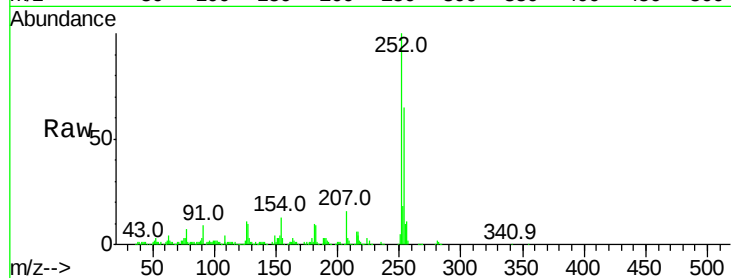
#81
 3,3'-Dichlorobenzidine
 Concen: 26.21 ng
 RT: 22.15 min Scan# 3142
 Delta R.T. -0.03 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	257744		
254	65.4	53.1	79.7	
126	10.8	7.0	10.4	

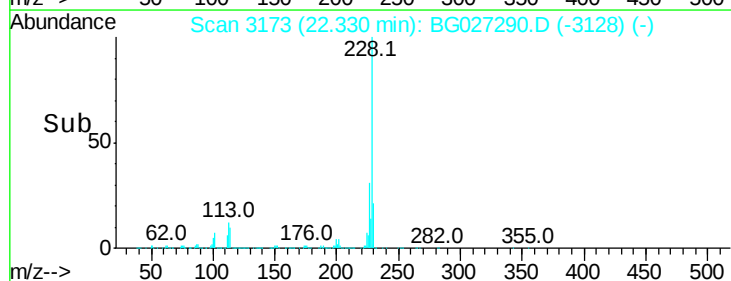
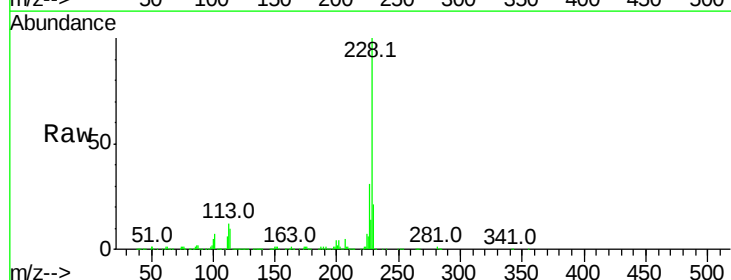
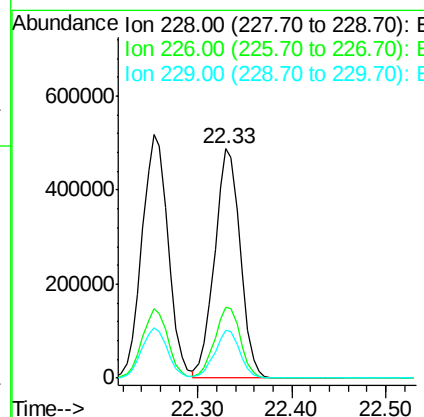
Manual Integrations
 APPROVED

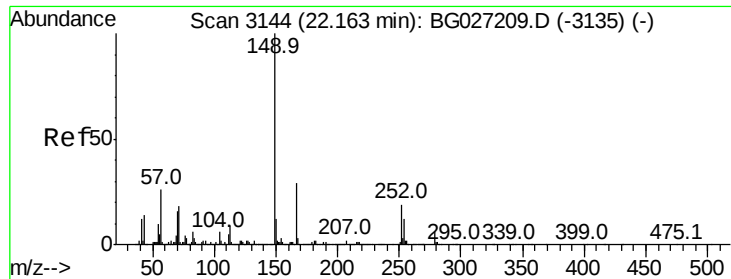
mohammad
 6/8/2017 2:22:58 PM



#82
 Chrysene
 Concen: 38.36 ng
 RT: 22.33 min Scan# 3173
 Delta R.T. -0.03 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	930944		
226	31.1	27.0	40.4	
229	20.8	17.8	26.6	





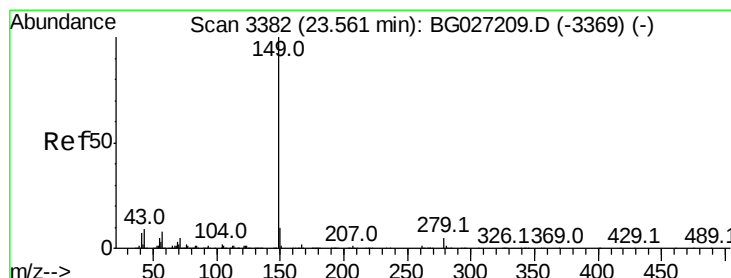
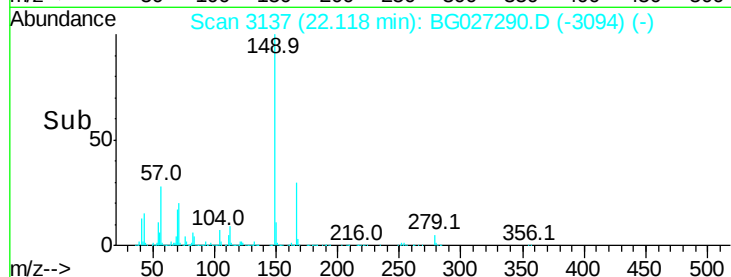
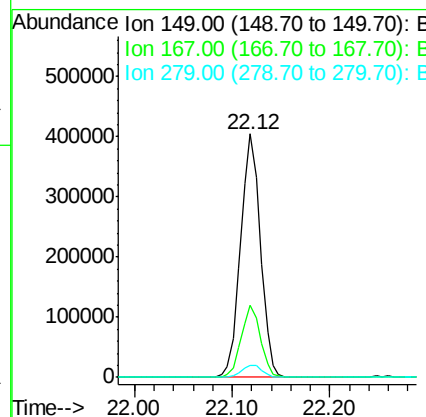
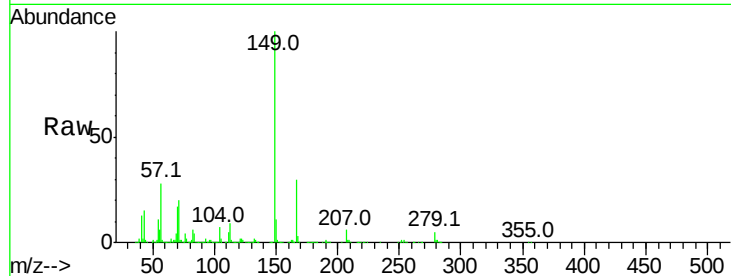
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.15 ng
 RT: 22.12 min Scan# 3137
 Delta R.T. -0.04 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.7	35.5
279	4.9	4.6	6.8

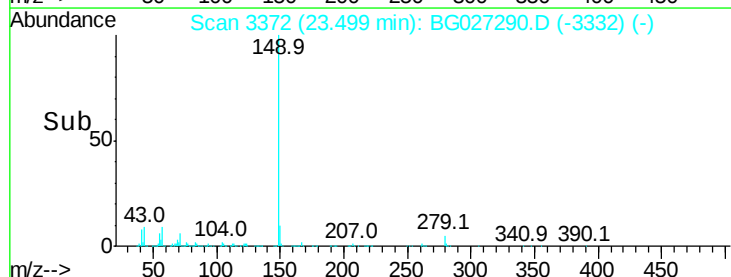
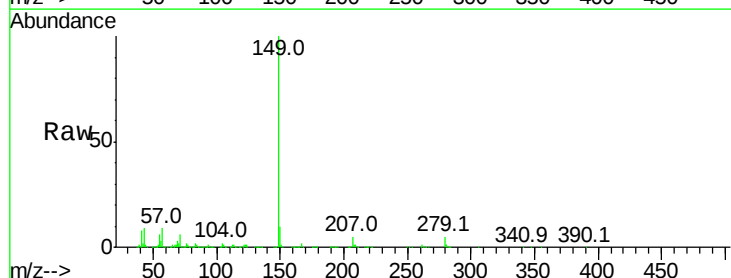
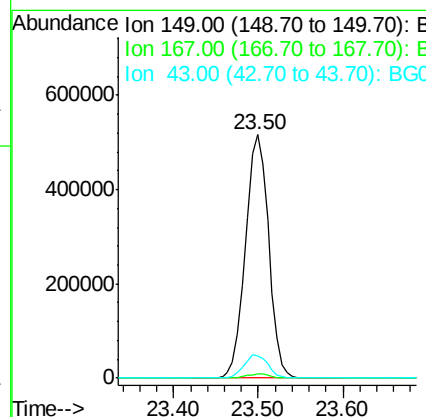
Manual Integrations
 APPROVED

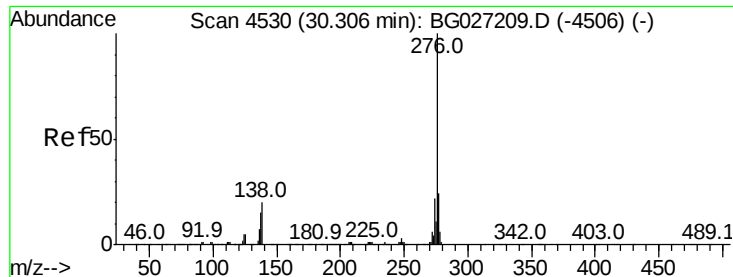
mohammad
 6/8/2017 2:22:58 PM



#84
 Di-n-octyl phthalate
 Concen: 41.41 ng
 RT: 23.50 min Scan# 3372
 Delta R.T. -0.06 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.2
43	9.8	11.8	17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.40 ng

RT: 30.22 min Scan# 4516

Delta R.T. -0.09 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

ClientSampleId :

PB99548BS

Tot Ion:276 Resp: 1157802

Ion Ratio Lower Upper

276 100

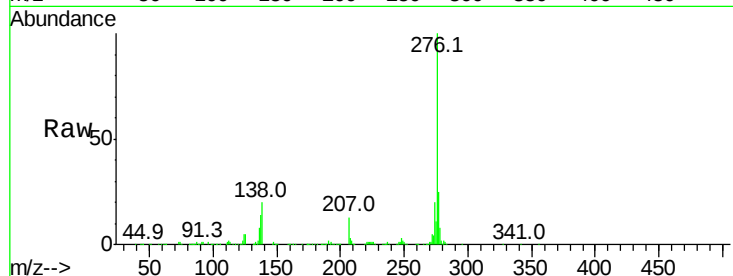
138 24.7 4.7 7.1#

277 26.2 20.6 31.0

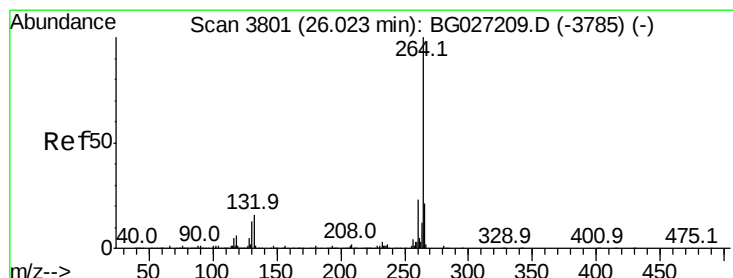
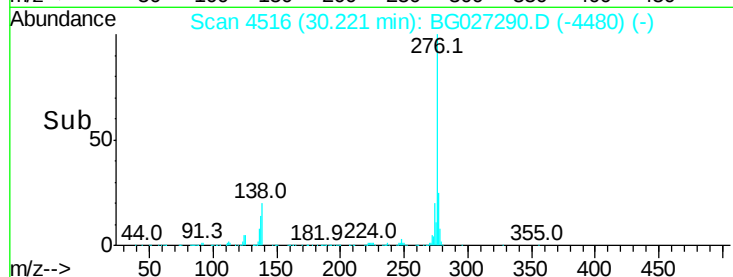
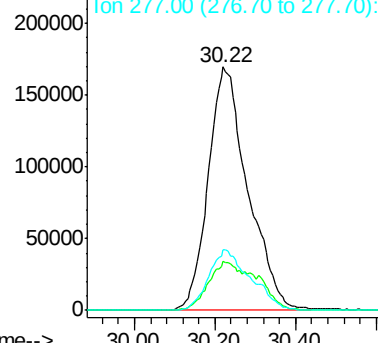
Manual Integrations
APPROVED

mohammad

6/8/2017 2:22:58 PM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.97 min Scan# 3792

Delta R.T. -0.06 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

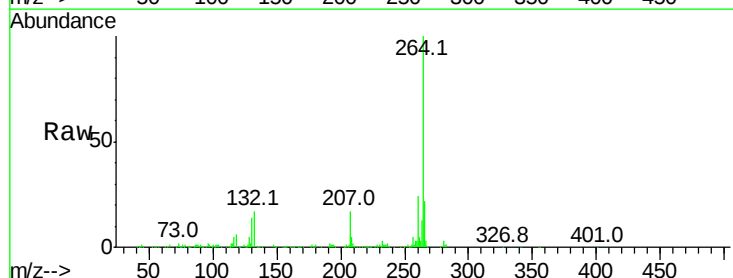
Tgt Ion:264 Resp: 407561

Ion Ratio Lower Upper

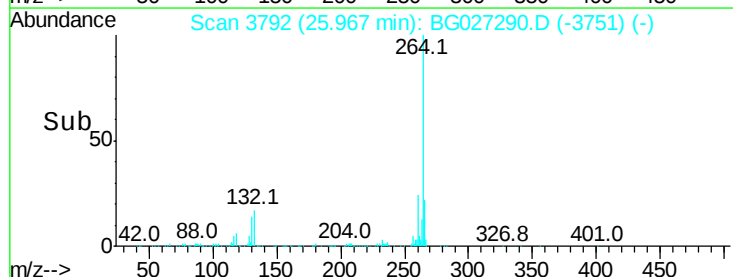
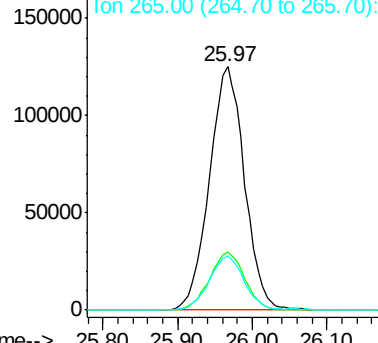
264 100

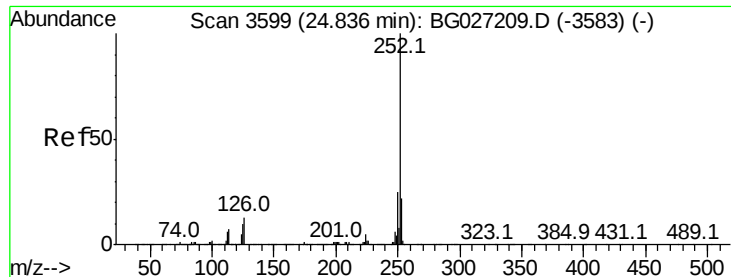
260 24.0 21.8 32.8

265 22.1 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.11 ng

RT: 24.79 min Scan# 3591

Delta R.T. -0.05 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Instrument :

BNA_G

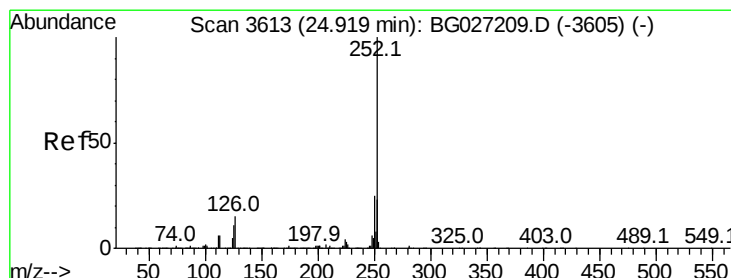
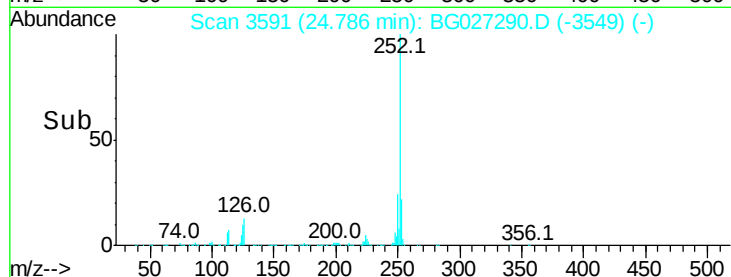
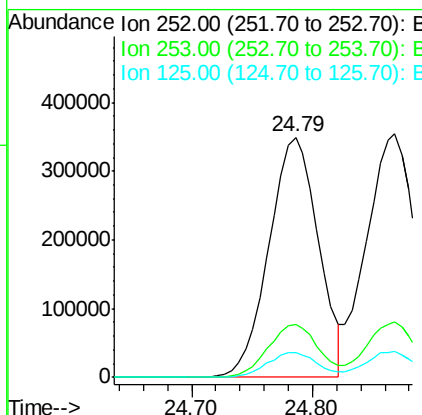
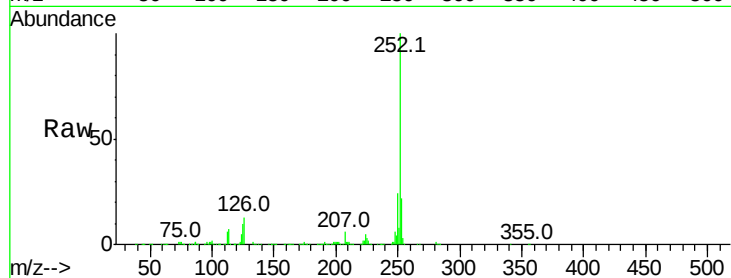
ClientSampleId :

PB99548BS

Tot Ion:252	Resp:	988487
Ion Ratio	Lower	Upper
252 100		
253 22.2	18.7	28.1
125 10.3	5.3	7.9#

Manual Integrations
APPROVED

mohammad
6/8/2017 2:22:58 PM



#88

Benzo(k)fluoranthene

Concen: 39.39 ng

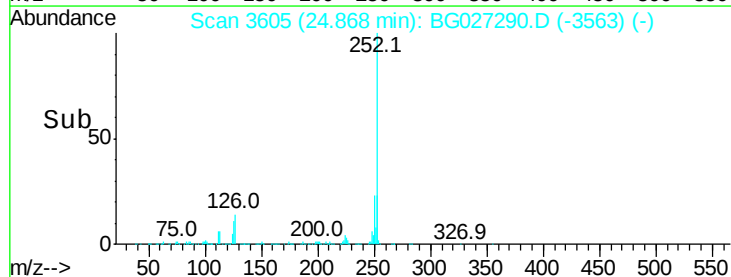
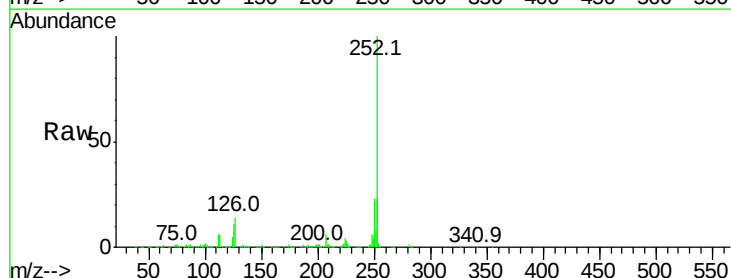
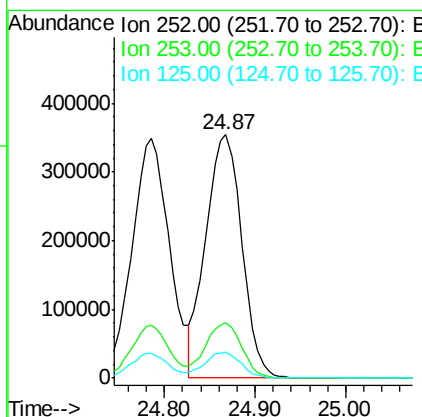
RT: 24.87 min Scan# 3605

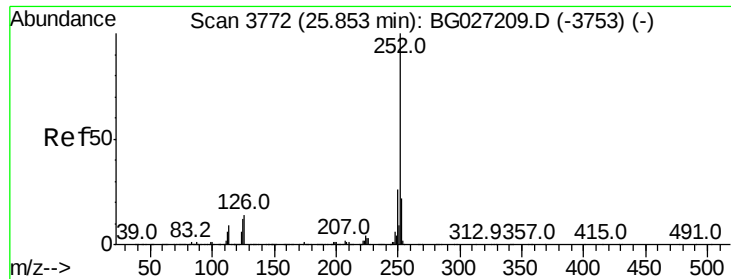
Delta R.T. -0.05 min

Lab File: BG027290.D

Acq: 7 Jun 2017 19:18

Tgt Ion:252	Resp:	976787
Ion Ratio	Lower	Upper
252 100		
253 22.5	20.2	30.2
125 10.6	5.1	7.7#





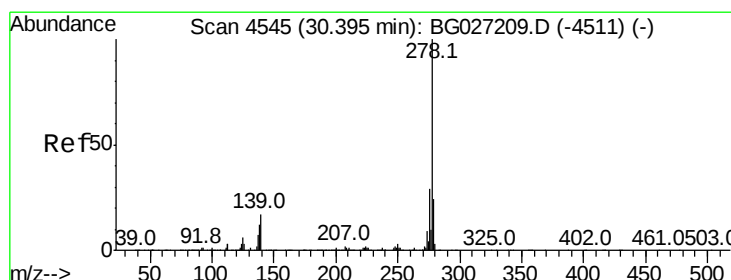
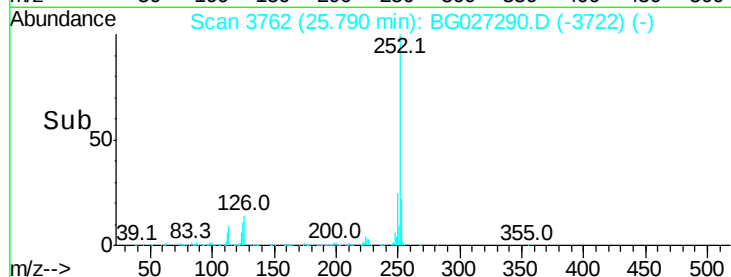
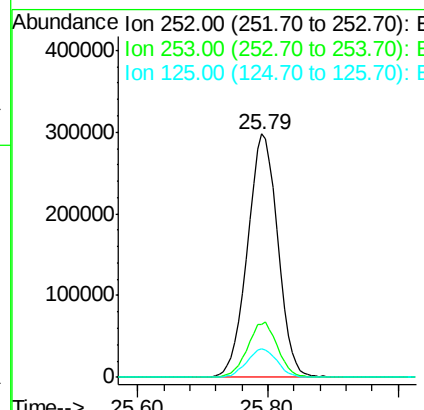
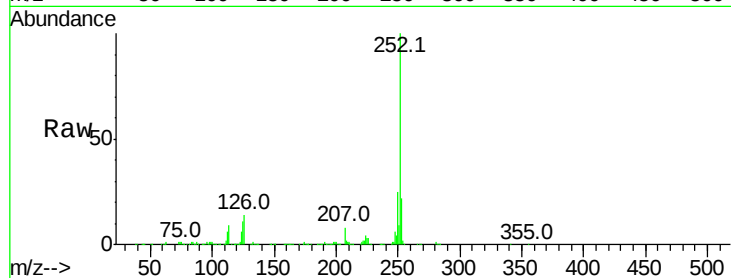
#89
Benzo(a)pyrene
Concen: 40.38 ng
RT: 25.79 min Scan# 3762
Delta R.T. -0.06 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Instrument :
BNA_G
ClientSampleId :
PB99548BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.2	28.8
125	11.5	5.4	8.0#

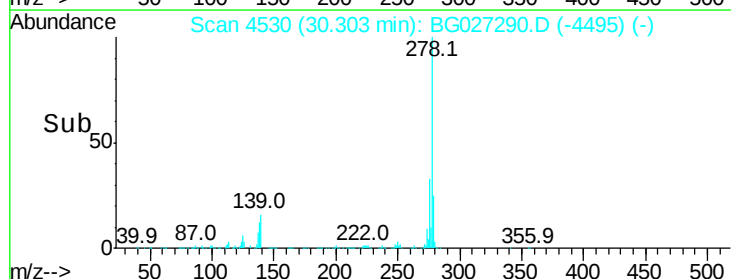
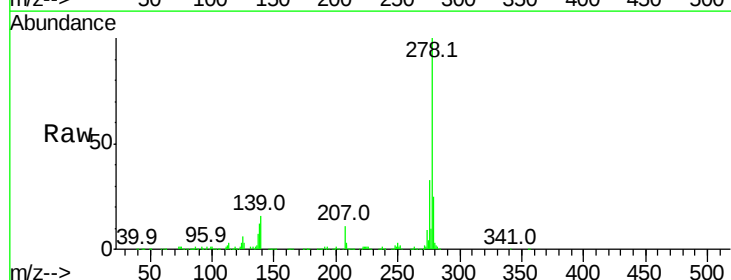
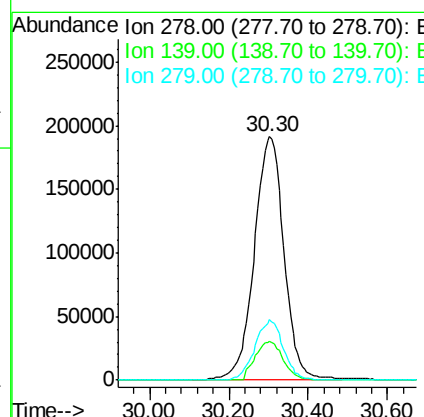
Manual Integrations
APPROVED

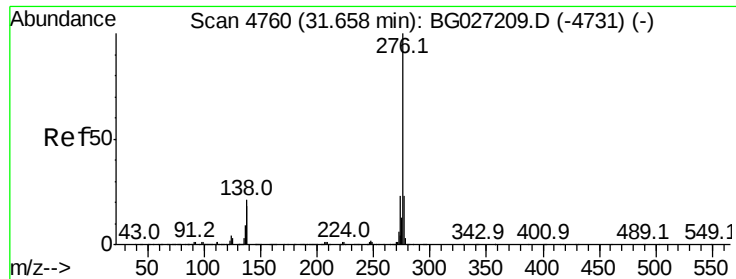
mohammad
6/8/2017 2:22:58 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.11 ng
RT: 30.30 min Scan# 4530
Delta R.T. -0.09 min
Lab File: BG027290.D
Acq: 7 Jun 2017 19:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	7.7	11.5#
279	24.6	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 39.10 ng
 RT: 31.56 min Scan# 4744
 Delta R.T. -0.10 min
 Lab File: BG027290.D
 Acq: 7 Jun 2017 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB99548BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	27.8
138	19.7	8.1	12.1#

Manual Integrations
 APPROVED

mohammad
 6/8/2017 2:22:58 PM

