

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027391.D
 Acq On : 13 Jun 2017 18:21
 Operator : SJ/MA
 Sample : PB99729BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99729BS

Manual Integrations
 APPROVED

mohammad
 6/14/2017 4:24:04 PM

Quant Time: Jun 14 07:17:16 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	8.55	152	52199	20.00	ng	-0.03
21) Naphthalene-d8	11.36	136	237889	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	144462	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	353003	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	428826	20.00	ng	-0.06
86) Perylene-d12	25.93	264	400560	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	509767	149.02	ng	-0.02
7) Phenol-d6	7.68	99	709521	141.30	ng	-0.02
23) Nitrobenzene-d5	9.71	82	391105	103.39	ng	-0.03
41) 2,4,6-Tribromophenol	16.61	330	288535	151.68	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	875263	84.76	ng	-0.04
78) Terphenyl-d14	20.44	244	1493153	88.82	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	4.15	88	58349	41.14	ng	# 87
3) Pyridine	4.53	79	178956	40.93	ng	# 80
4) n-Nitrosodimethylamine	4.44	42	79885	49.34	ng	# 51
6) Aniline	7.88	93	234952	37.16	ng	96
8) 2-Chlorophenol	8.11	128	172923	47.87	ng	95
9) Benzaldehyde	7.69	77	65054	18.74	ng	90
10) Phenol	7.71	94	252074	49.09	ng	79
11) bis(2-Chloroethyl)ether	7.95	93	184617	43.83	ng	90
12) 1,3-Dichlorobenzene	8.44	146	167514	41.12	ng	94
13) 1,4-Dichlorobenzene	8.58	146	171622	41.05	ng	98
14) 1,2-Dichlorobenzene	8.90	146	164536	40.35	ng	94
15) Benzyl Alcohol	8.77	79	157083	44.40	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	9.05	45	298135	49.46	ng	94
17) 2-Methylphenol	8.96	107	162376	44.73	ng	# 88
18) Hexachloroethane	9.63	117	61159	43.42	ng	87
19) n-Nitroso-di-n-propylamine	9.33	70	150424	42.82	ng	# 87
20) 3+4-Methylphenols	9.28	107	220944	43.94	ng	89
22) Acetophenone	9.36	105	264465	43.47	ng	# 84
24) Nitrobenzene	9.75	77	210769	48.91	ng	90
25) Isophorone	10.27	82	400728	45.05	ng	# 97
26) 2-Nitrophenol	10.46	139	81968	46.42	ng	# 83
27) 2,4-Dimethylphenol	10.50	122	180406	47.17	ng	92
28) bis(2-Chloroethoxy)methane	10.73	93	246660	42.83	ng	99
29) 2,4-Dichlorophenol	11.00	162	158164	45.30	ng	98
30) 1,2,4-Trichlorobenzene	11.21	180	157189	40.66	ng	97
31) Naphthalene	11.41	128	518498	39.88	ng	99
32) Benzoic acid	10.61	122	105092	41.11	ng	# 90
33) 4-Chloroaniline	11.51	127	62261	11.49	ng	# 91
34) Hexachlorobutadiene	11.68	225	96377	40.56	ng	99
35) Caprolactam	12.28	113	63608m	53.12	ng	
36) 4-Chloro-3-methylphenol	12.58	107	205512	46.97	ng	96
37) 2-Methylnaphthalene	12.98	142	373919	39.43	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.33	216	183445	40.76	ng	98
40) Hexachlorocyclopentadiene	13.31	237	251699	105.08	ng	94

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027391.D
 Acq On : 13 Jun 2017 18:21
 Operator : SJ/MA
 Sample : PB99729BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB99729BS

Manual Integrations
 APPROVED

mohammad
 6/14/2017 4:24:04 PM

Quant Time: Jun 14 07:17:16 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	13.56	196	127752	46.80	nq	96
43) 2,4,5-Trichlorophenol	13.64	196	143126	46.86	nq	97
45) 1,1'-Biphenyl	13.96	154	490264	41.58	nq	94
46) 2-Chloronaphthalene	14.01	162	369866	41.84	nq	97
47) 2-Nitroaniline	14.20	65	144774	56.22	nq	95
48) Acenaphthylene	14.85	152	603964	40.37	nq	97
49) Dimethylphthalate	14.56	163	505478	44.11	nq	97
50) 2,6-Dinitrotoluene	14.68	165	104448	45.23	nq	86
51) Acenaphthene	15.19	154	449436	46.18	nq	99
52) 3-Nitroaniline	15.02	138	78604	34.07	nq	87
53) 2,4-Dinitrophenol	15.22	184	124996	100.09	nq	94
54) Dibenzofuran	15.52	168	599934	44.11	nq	93
55) 4-Nitrophenol	15.30	139	208167	94.93	nq	# 61
56) 2,4-Dinitrotoluene	15.47	165	150548	50.18	nq	# 91
57) Fluorene	16.17	166	494605	40.95	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.73	232	138599	50.83	nq	97
59) Diethylphthalate	15.91	149	526329	46.05	nq	98
60) 4-Chlorophenyl-phenylether	16.14	204	251656	41.36	nq	98
61) 4-Nitroaniline	16.18	138	128526	51.52	nq	# 72
62) Azobenzene	16.44	77	567381	53.56	nq	90
64) 4,6-Dinitro-2-methylphenol	16.23	198	84605	52.26	nq	87
65) n-Nitrosodiphenylamine	16.36	169	453124	40.94	nq	99
66) 4-Bromophenyl-phenylether	17.04	248	168956	40.44	nq	95
67) Hexachlorobenzene	17.17	284	184447	41.04	nq	91
68) Atrazine	17.30	200	166481	44.98	nq	96
69) Pentachlorophenol	17.51	266	240115	91.15	nq	95
70) Phenanthrene	17.92	178	828871	41.73	nq	95
71) Anthracene	18.01	178	840905	42.26	nq	98
72) Carbazole	18.27	167	770519	41.06	nq	96
73) Di-n-butylphthalate	18.79	149	939525	51.63	nq	# 94
74) Fluoranthene	19.90	202	991411	46.73	nq	93
76) Benzidine	20.07	184	517631	40.07	nq	98
77) Pyrene	20.27	202	1017656	39.28	nq	97
79) Butylbenzylphthalate	21.14	149	429356	46.90	nq	96
80) Benzo(a)anthracene	22.23	228	1041853	42.60	nq	95
81) 3,3'-Dichlorobenzidine	22.13	252	253175	26.61	nq	# 98
82) Chrysene	22.31	228	974829	41.52	nq	96
83) Bis(2-ethylhexyl)phthalate	22.08	149	617251	44.61	nq	98
84) Di-n-octyl phthalate	23.45	149	1055521	46.06	nq	# 91
85) Indeno(1,2,3-cd)pyrene	30.15	276	1226555	43.14	nq	# 94
87) Benzo(b)fluoranthene	24.75	252	1050503	42.29	nq	# 97
88) Benzo(k)fluoranthene	24.83	252	1039180	42.64	nq	# 93
89) Benzo(a)pyrene	25.75	252	1011385	43.25	nq	# 94
90) Dibenzo(a,h)anthracene	30.23	278	1053332	43.03	nq	# 95
91) Benzo(g,h,i)perylene	31.48	276	996096	42.01	nq	# 91

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

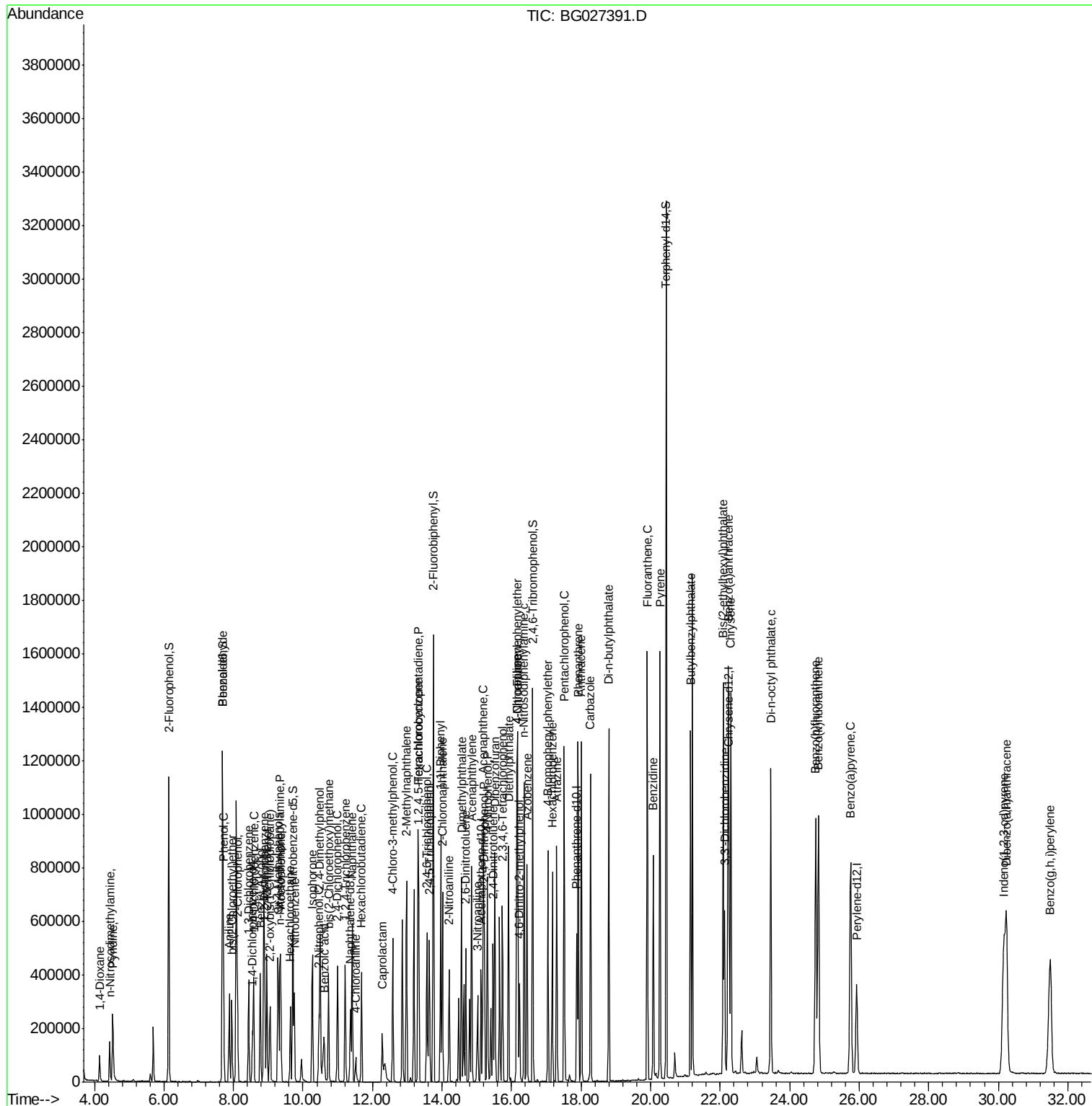
Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
Data File : BG027391.D
Acq On : 13 Jun 2017 18:21
Operator : SJ/MA
Sample : PB99729BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

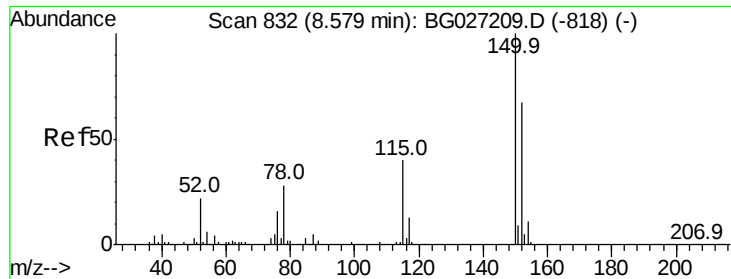
Instrument :
BNA_G
ClientSampled :
PB99729BS

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM

Quant Time: Jun 14 07:17:16 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

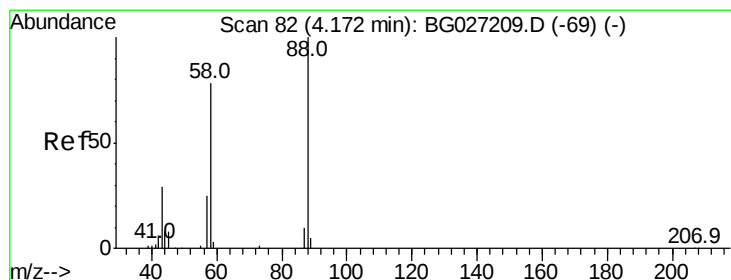
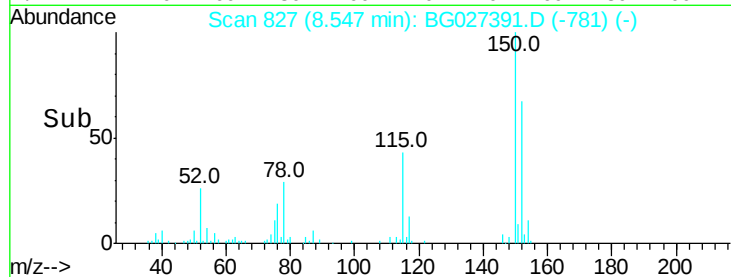
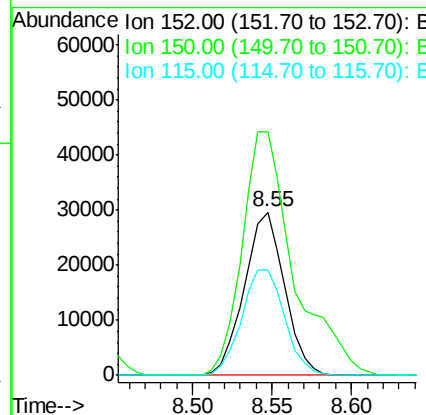
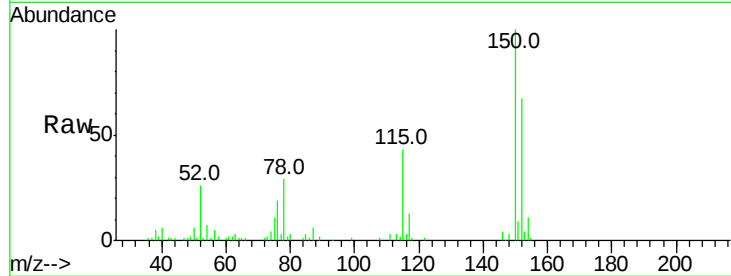
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.55 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	114.0	171.0
115	64.6	48.1	72.1

Manual Integrations
APPROVED

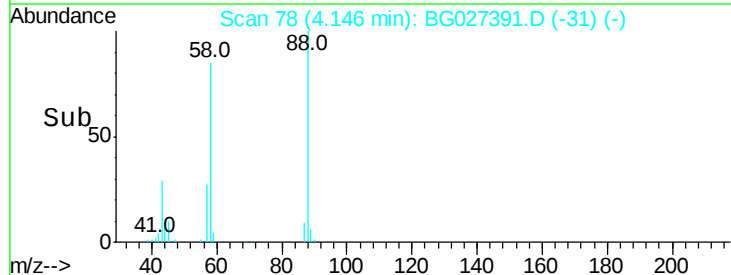
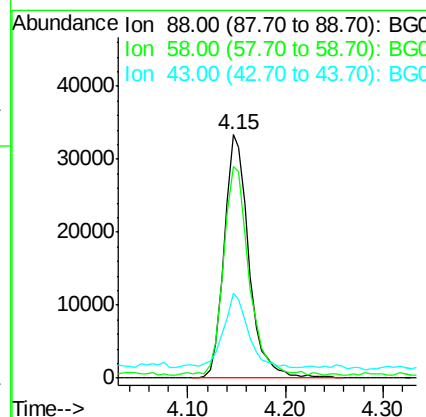
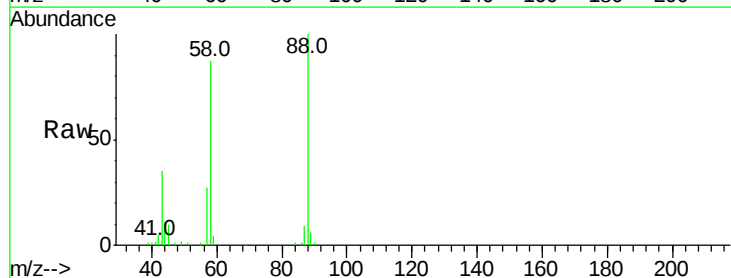
mohammad
6/14/2017 4:24:04 PM



#2

1,4-Dioxane
Concen: 41.14 ng
RT: 4.15 min Scan# 78
Delta R.T. -0.03 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.9	79.4	119.2
43	32.6	33.8	50.6#





#3

Pvridine

Concen: 40.93 ng

RT: 4.53 min Scan# 143

Delta R.T. -0.03 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

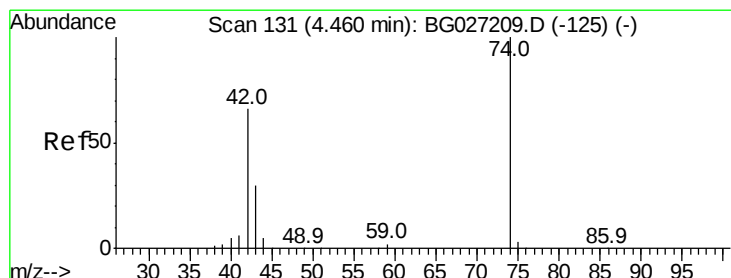
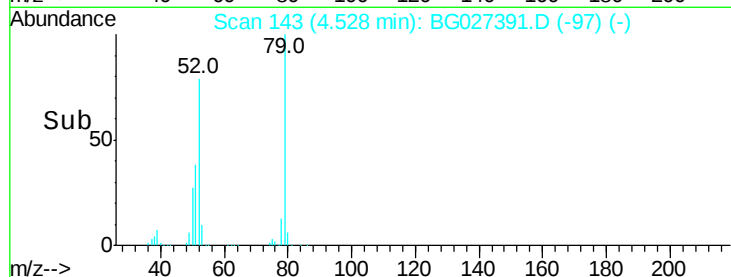
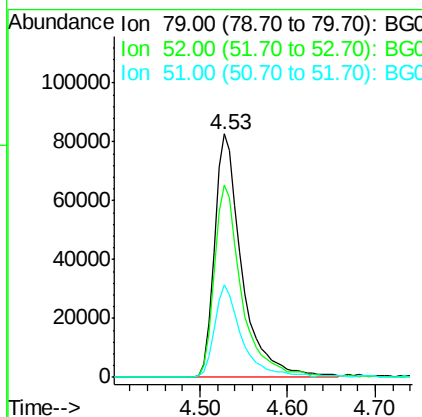
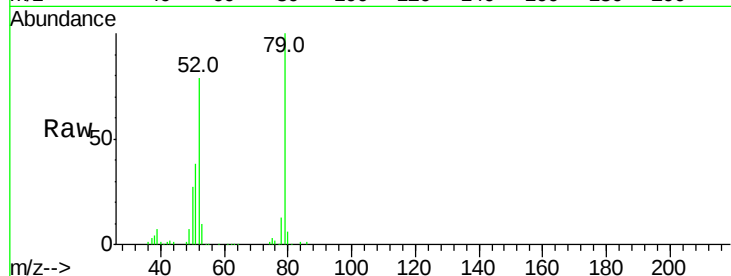
ClientSampled :

PB99729BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	79.0		77.8	116.6	
51	38.1		43.2	64.8	

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#4

n-Nitrosodimethylamine

Concen: 49.34 ng

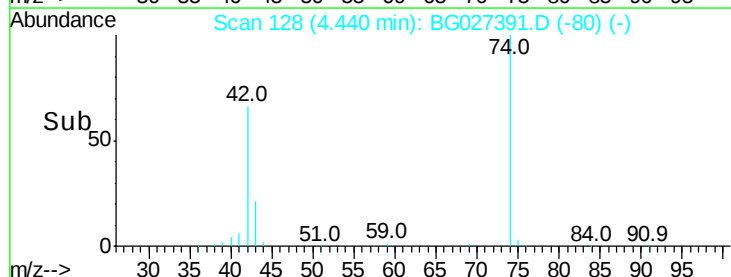
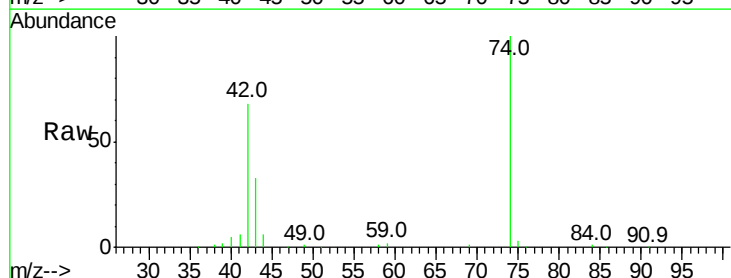
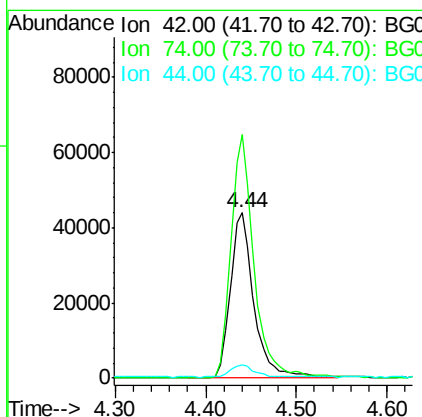
RT: 4.44 min Scan# 128

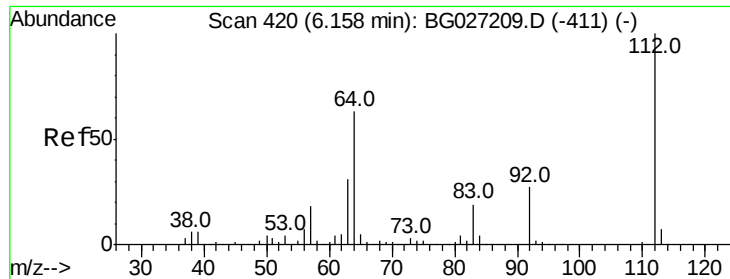
Delta R.T. -0.02 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	147.4		76.7	115.1	
44	8.4		6.1	9.1	





#5

2-Fluorophenol

Concen: 149.02 ng

RT: 6.14 min Scan# 417

Delta R.T. -0.02 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

ClientSampleId :

PB99729BS

Tot Ion: 112 Resp: 509767
Ion Ratio Lower Upper

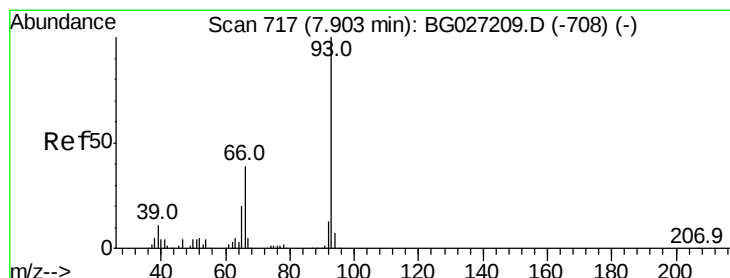
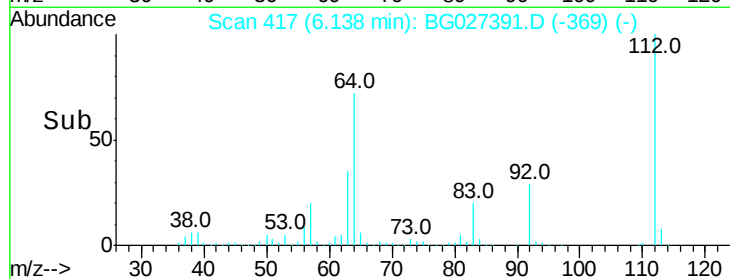
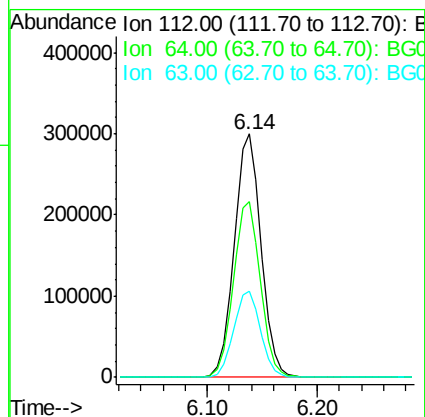
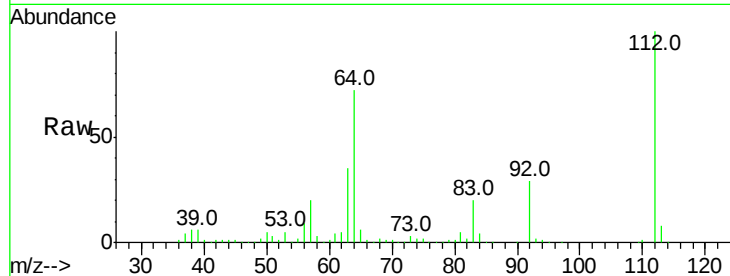
112 100

64 72.1 61.8 92.6

63 35.4 37.2 55.8#

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#6

Aniline

Concen: 37.16 ng

RT: 7.88 min Scan# 713

Delta R.T. -0.03 min

Lab File: BG027391.D

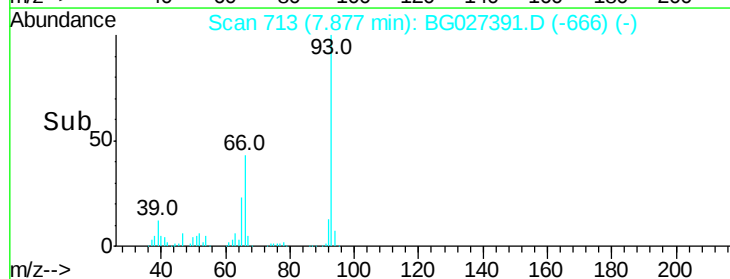
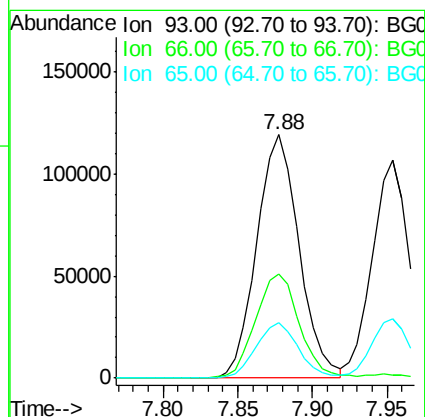
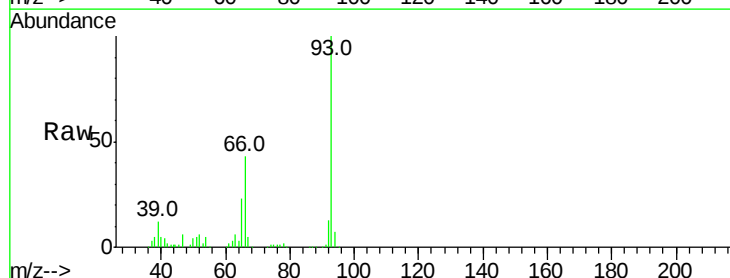
Acq: 13 Jun 2017 18:21

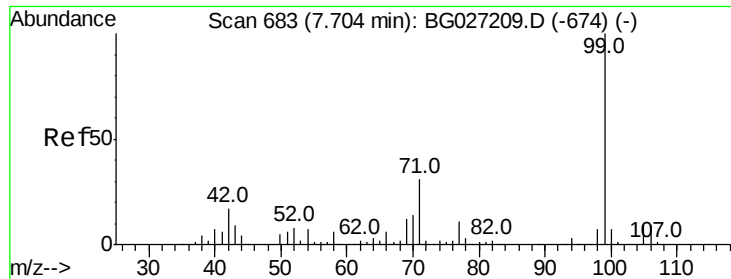
Tgt Ion: 93 Resp: 234952
Ion Ratio Lower Upper

93 100

66 42.8 35.4 53.2

65 22.7 21.2 31.8





#7

Phenol-d6

Concen: 141.30 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

ClientSampled :

PB99729BS

Tot Ion: 99 Resp: 709521

Ion Ratio Lower Upper

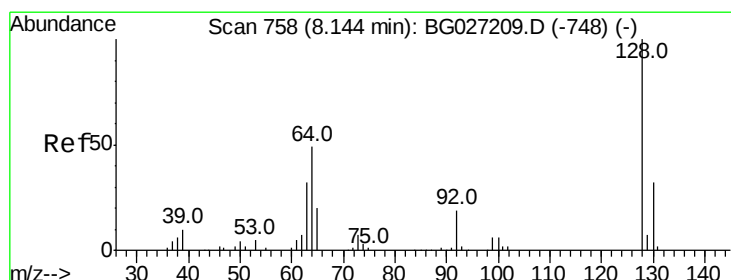
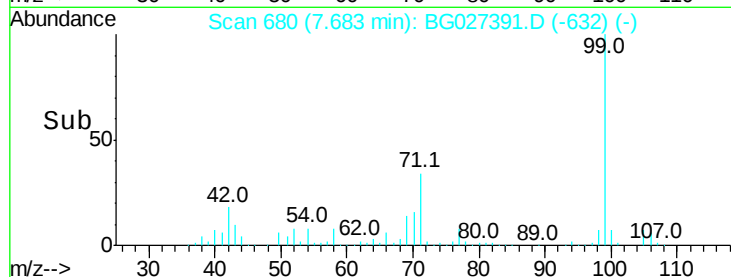
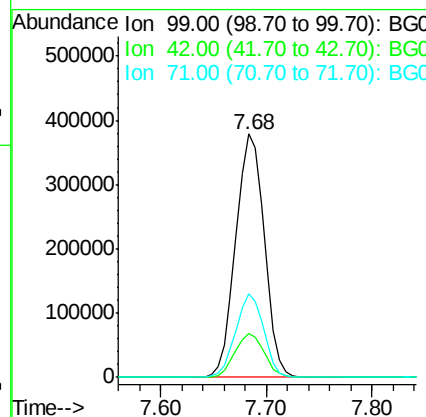
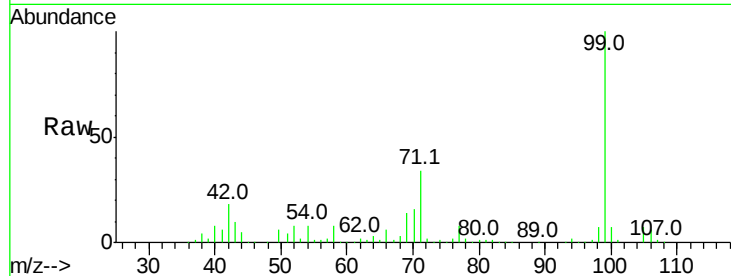
99 100

42 17.9 20.5 30.7#

71 34.1 37.6 56.4#

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#8

2-Chlorophenol

Concen: 47.87 ng

RT: 8.11 min Scan# 753

Delta R.T. -0.03 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

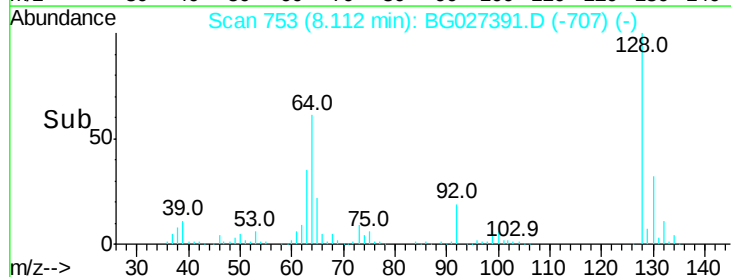
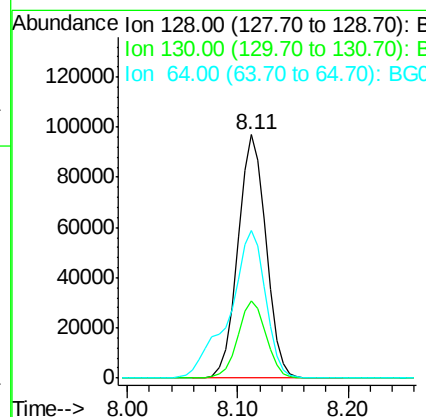
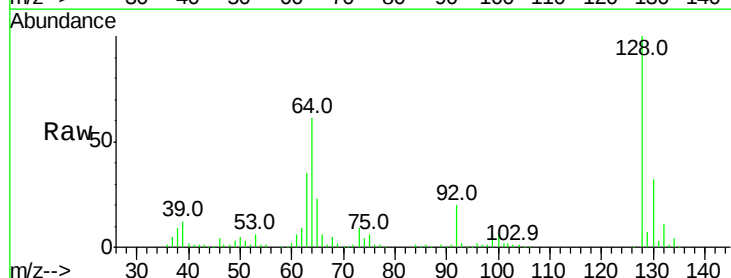
Tgt Ion: 128 Resp: 172923

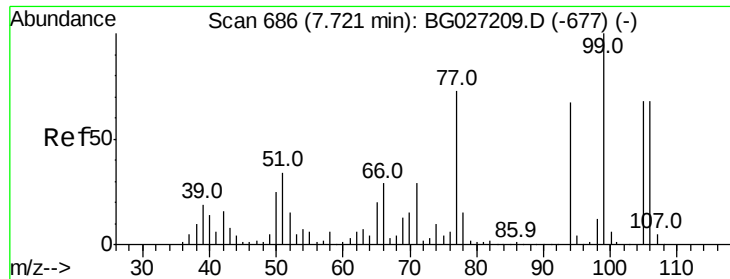
Ion Ratio Lower Upper

128 100

130 31.7 11.4 51.4

64 60.7 46.6 86.6





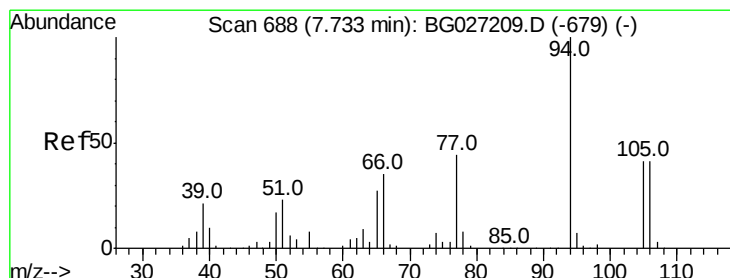
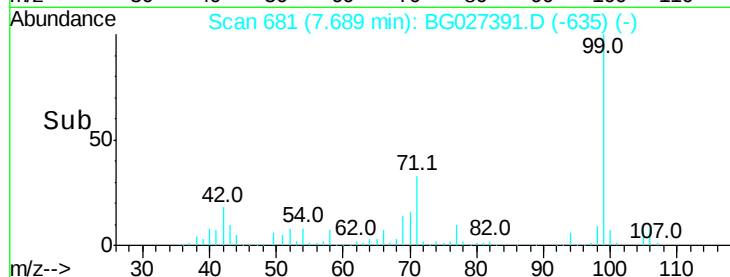
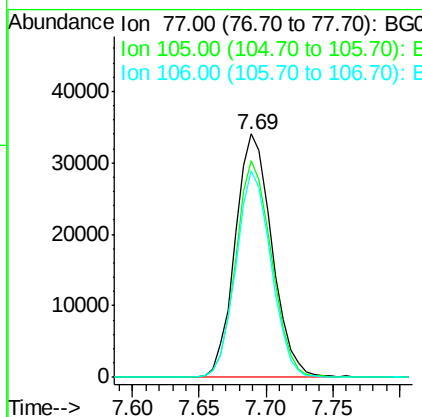
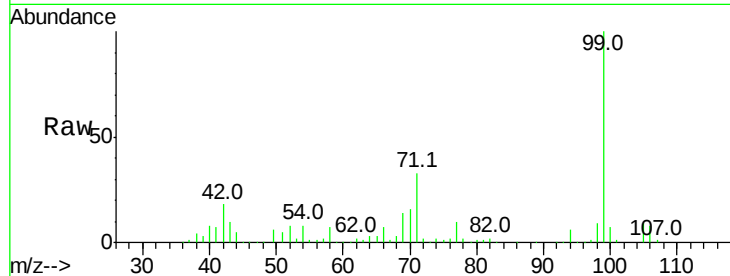
#9
Benzaldehyde
Concen: 18.74 ng
RT: 7.69 min Scan# 681
Delta R.T. -0.03 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.2	60.9	100.9
106	84.9	55.1	95.1

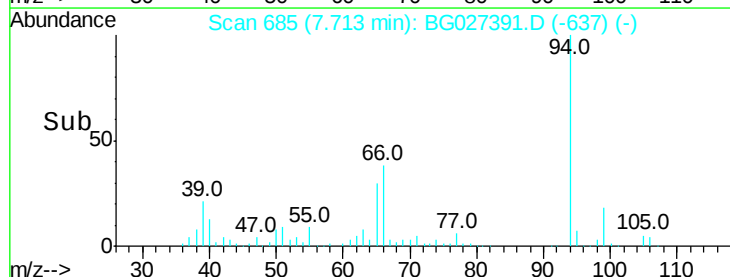
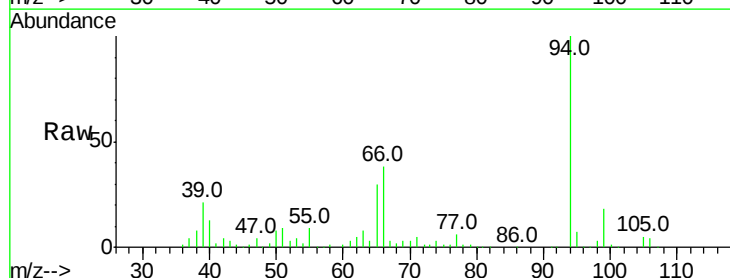
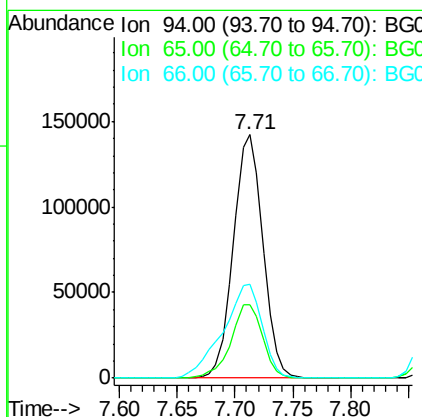
Manual Integrations
APPROVED

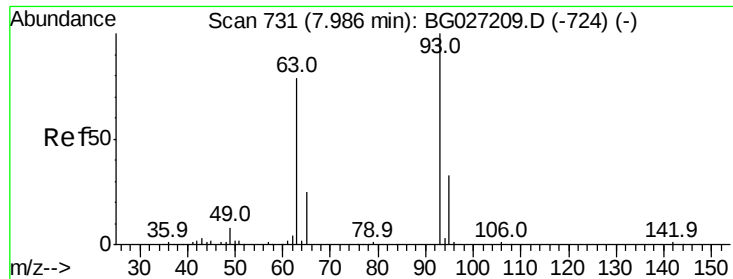
mohammad
6/14/2017 4:24:04 PM



#10
Phenol
Concen: 49.09 ng
RT: 7.71 min Scan# 685
Delta R.T. -0.02 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.3	20.6	60.6
66	38.4	35.5	75.5





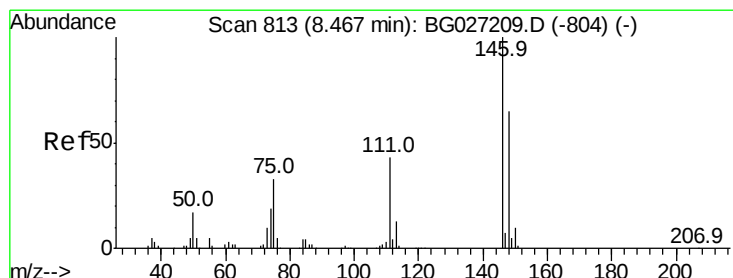
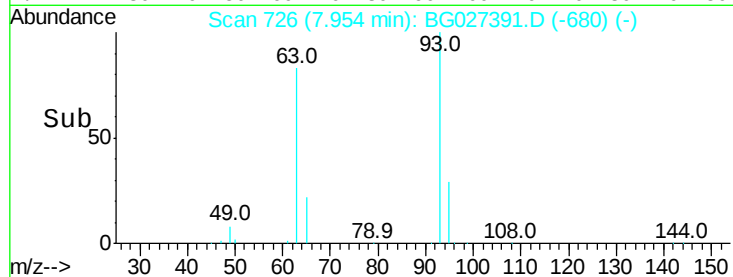
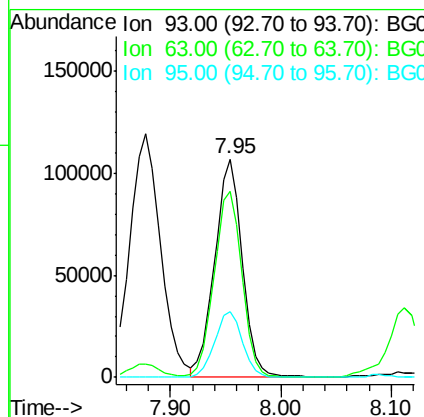
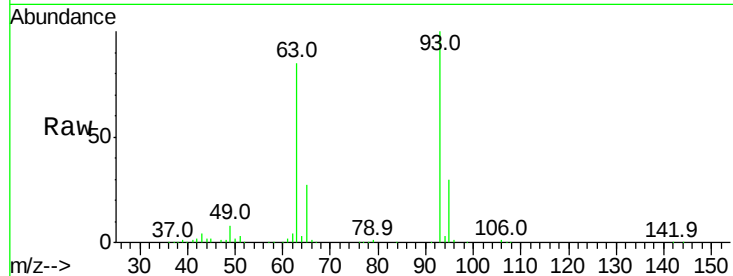
#11
bis(2-Chloroethyl)ether
Concen: 43.83 ng
RT: 7.95 min Scan# 726
Delta R.T. -0.03 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	184617		
63	85.2		78.5	118.5
95	30.0		9.8	49.8

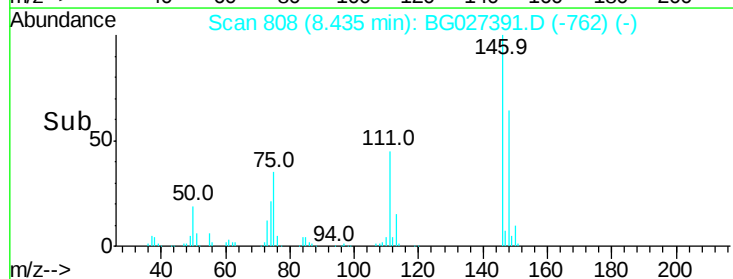
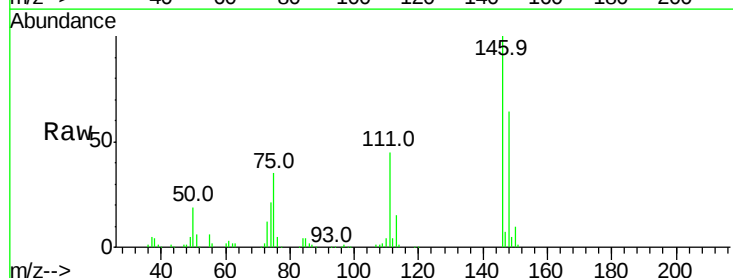
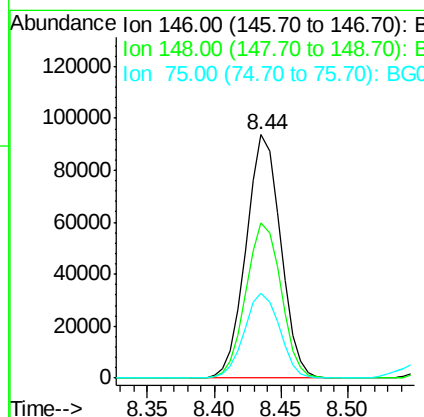
Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#12
1,3-Dichlorobenzene
Concen: 41.12 ng
RT: 8.44 min Scan# 808
Delta R.T. -0.03 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	167514		
148	63.8		49.2	73.8
75	35.1		33.4	50.2





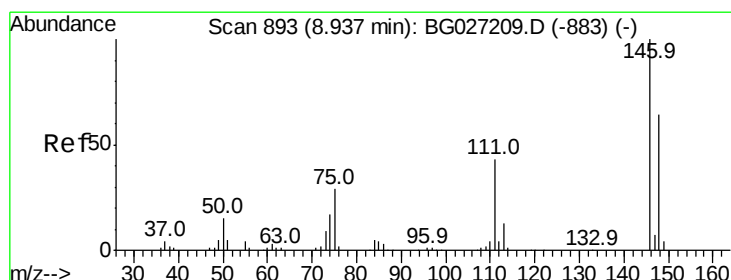
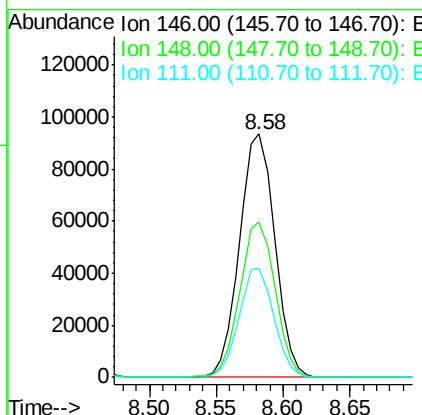
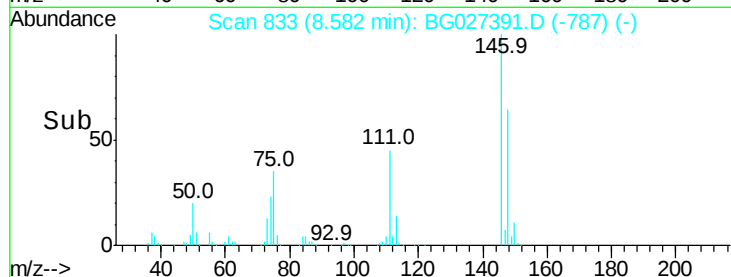
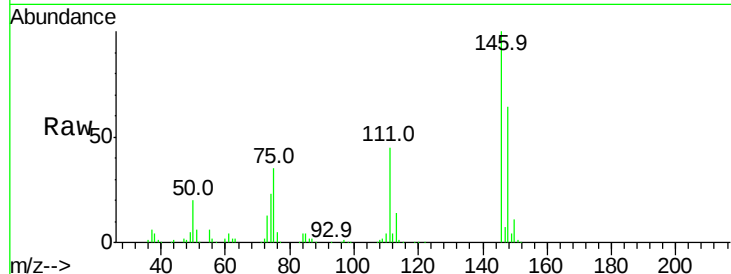
#13
1,4-Dichlorobenzene
Concen: 41.05 ng
RT: 8.58 min Scan# 833
Delta R.T. -0.03 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	45.1	37.0	55.6

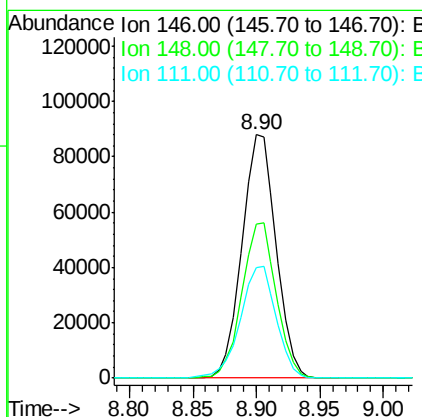
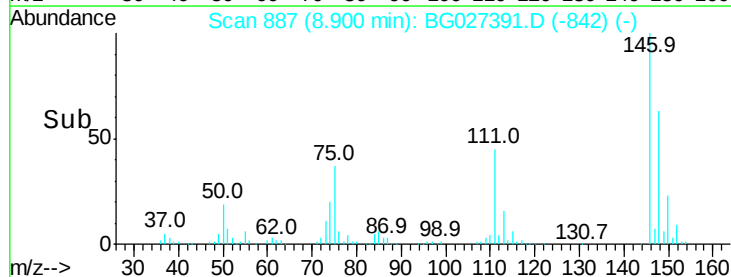
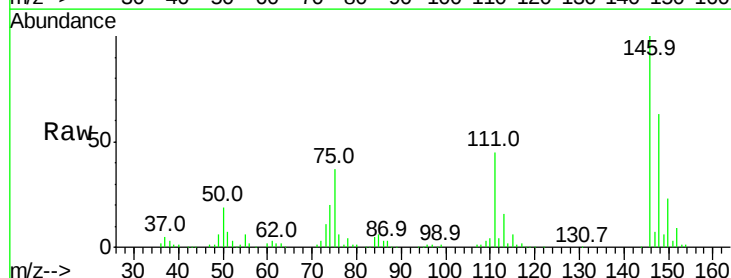
Manual Integrations
APPROVED

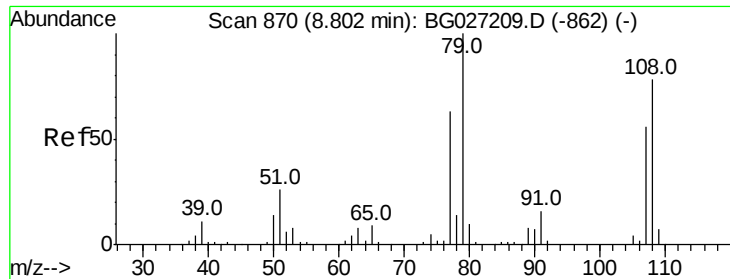
mohammad
6/14/2017 4:24:04 PM



#14
1,2-Dichlorobenzene
Concen: 40.35 ng
RT: 8.90 min Scan# 887
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	54.6	81.8
111	45.4	39.7	59.5





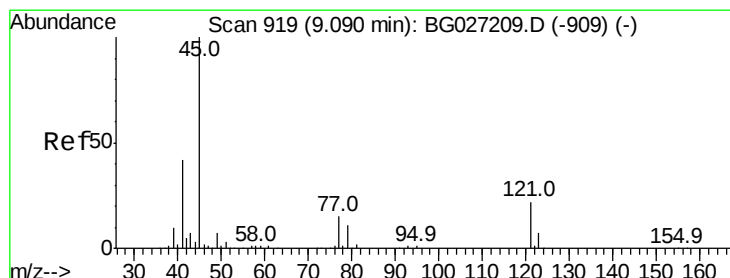
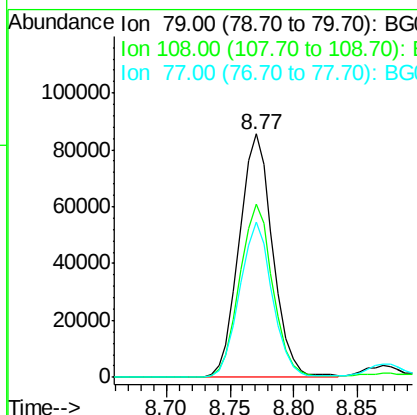
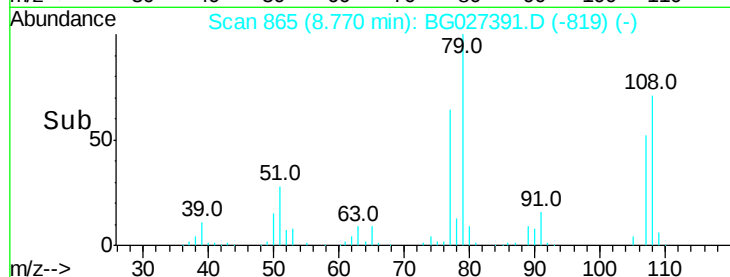
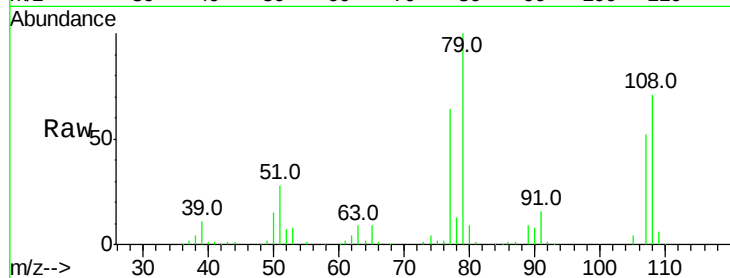
#15
Benzyl Alcohol
Concen: 44.40 ng
RT: 8.77 min Scan# 865
Delta R.T. -0.03 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampled :
PB99729BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.0	45.5	68.3#
77	64.0	54.3	81.5

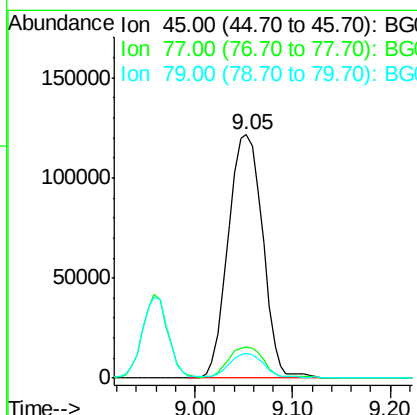
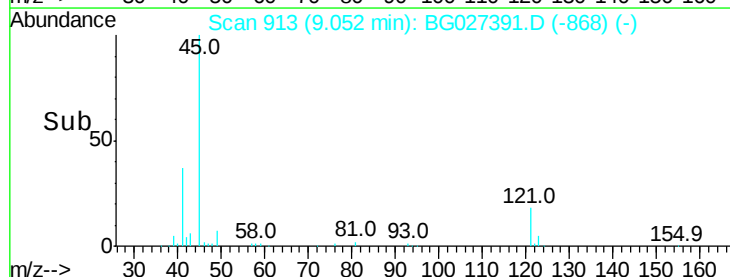
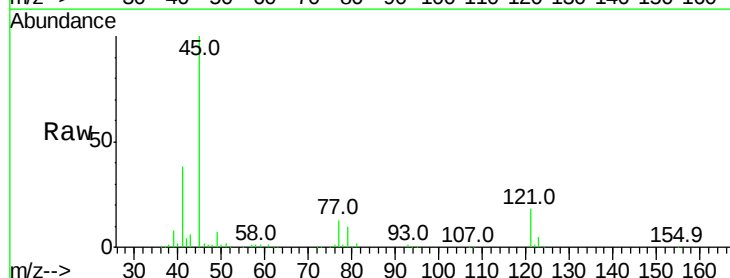
Manual Integrations
APPROVED

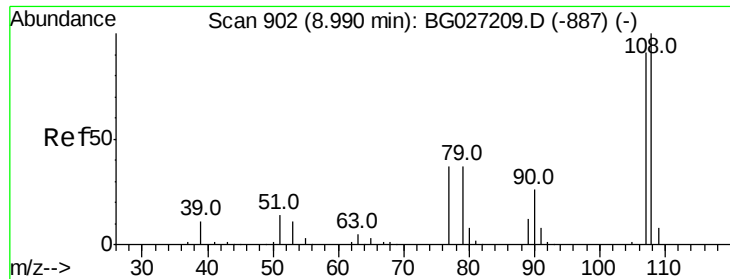
mohammad
6/14/2017 4:24:04 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.46 ng
RT: 9.05 min Scan# 913
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	30.6
79	10.3	0.0	28.5





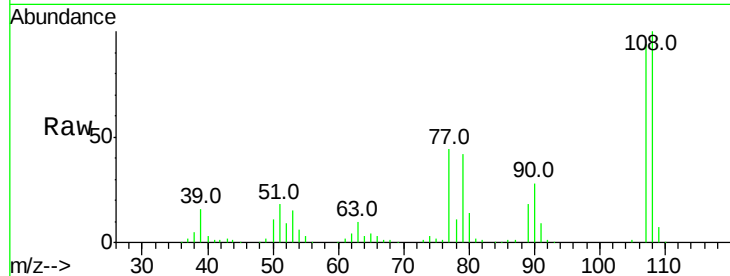
#17
2-Methylphenol
Concen: 44.73 ng
RT: 8.96 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	162376		
108	106.8	85.6	128.4	
77	47.4	51.4	77.2#	
79	45.4	49.2	73.8#	

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



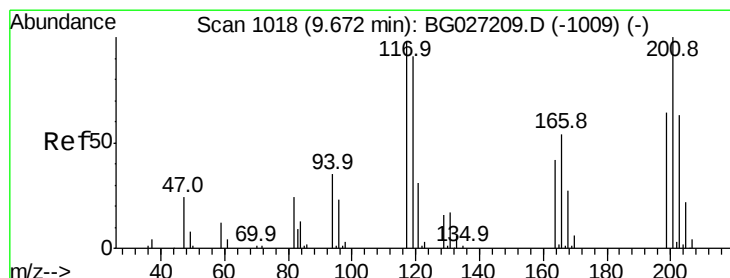
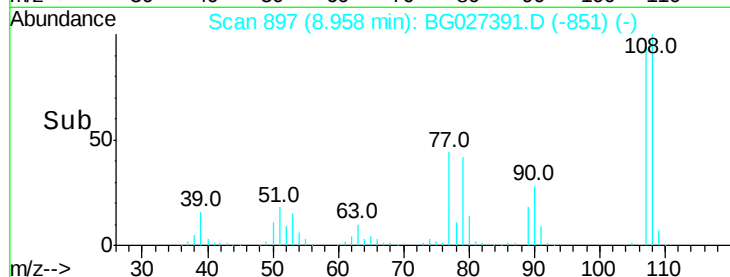
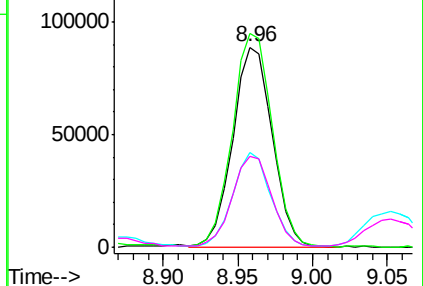
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

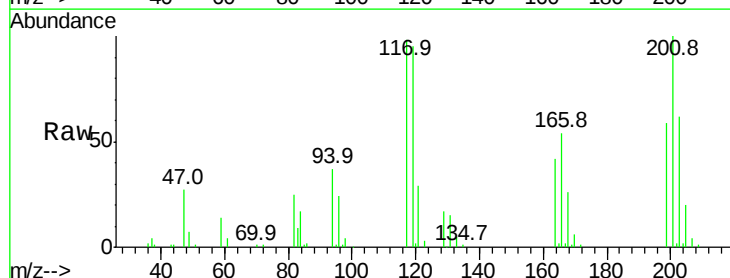
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.42 ng
RT: 9.63 min Scan# 1012
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61159		
119	96.8	69.8	104.6	
201	102.0	95.4	143.0	

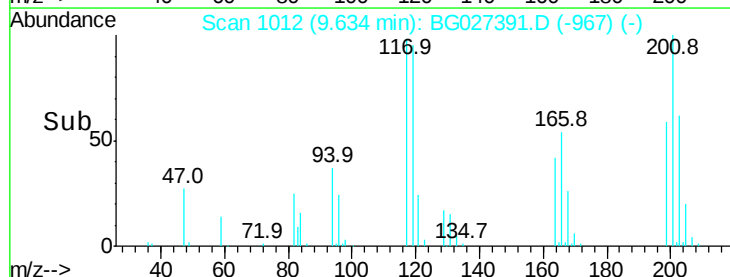
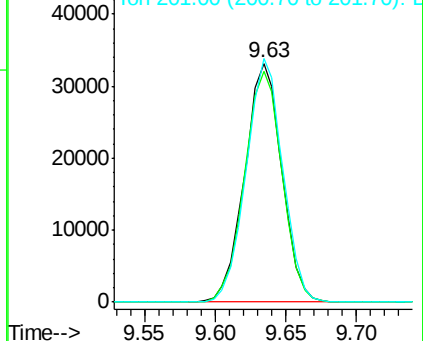


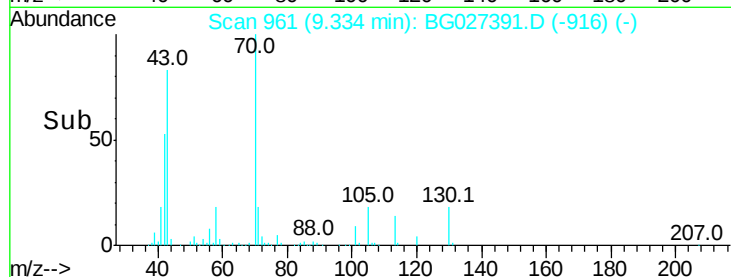
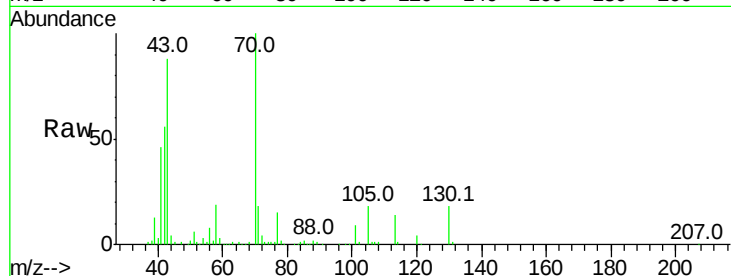
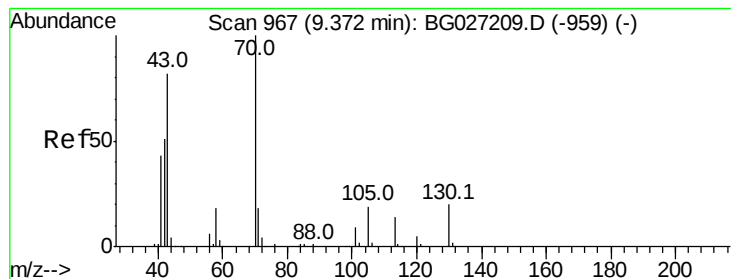
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.82 ng

RT: 9.33 min Scan# 961

Delta R.T. -0.04 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

ClientSampleId :

PB99729BS

Tot Ion: 70 Resp: 150424

Ion Ratio Lower Upper

70 100

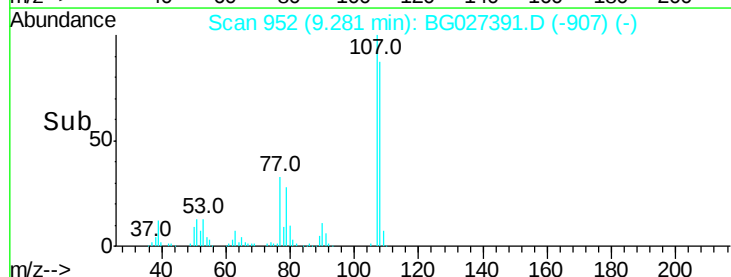
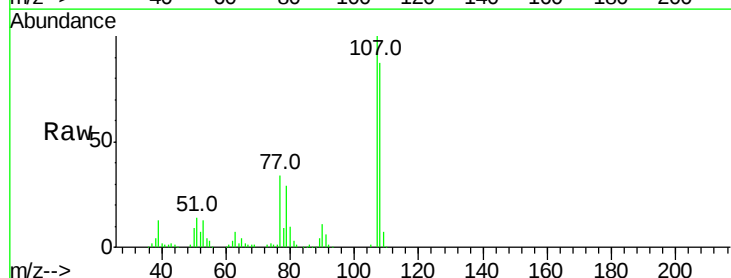
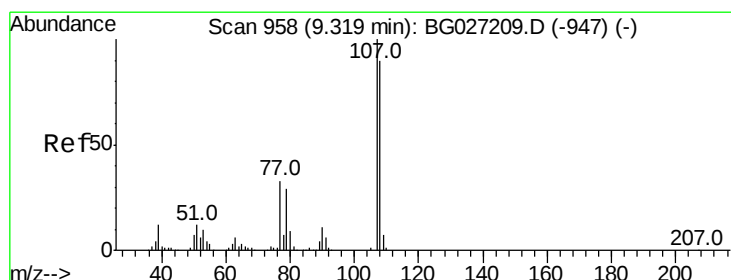
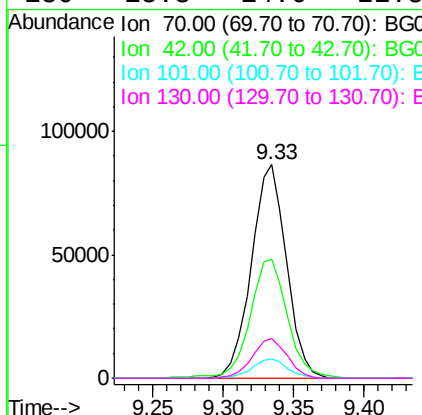
42 55.8 56.1 84.1#

101 8.7 7.5 11.3

130 18.3 14.6 21.8

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#20

3+4-Methylphenols

Concen: 43.94 ng

RT: 9.28 min Scan# 952

Delta R.T. -0.04 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Tgt Ion: 107 Resp: 220944

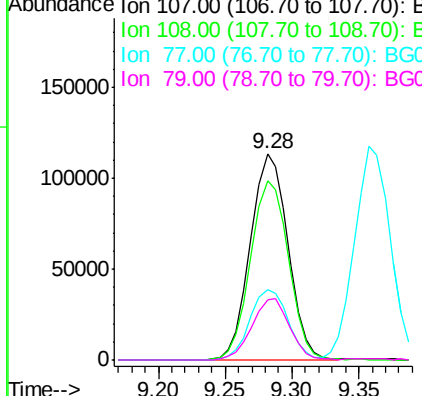
Ion Ratio Lower Upper

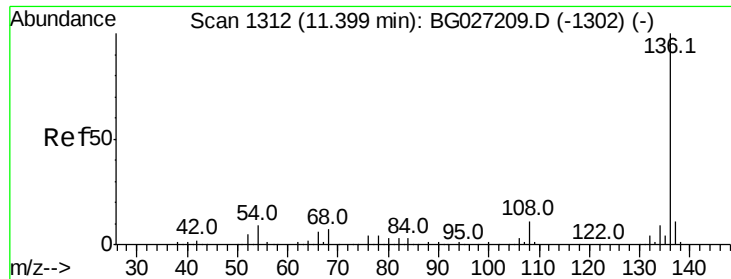
107 100

108 87.0 70.8 110.8

77 34.2 25.8 65.8

79 29.3 20.1 60.1





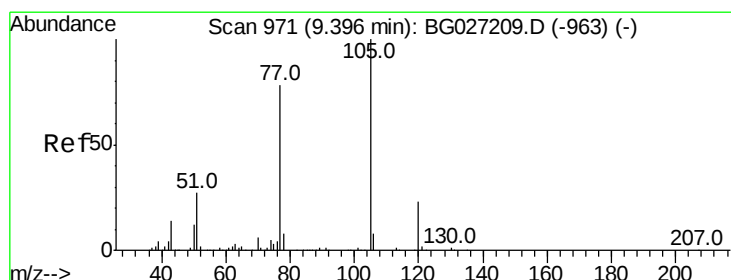
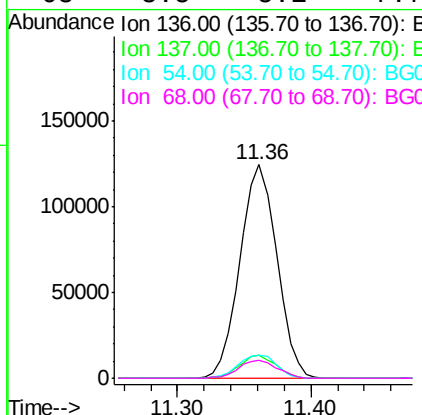
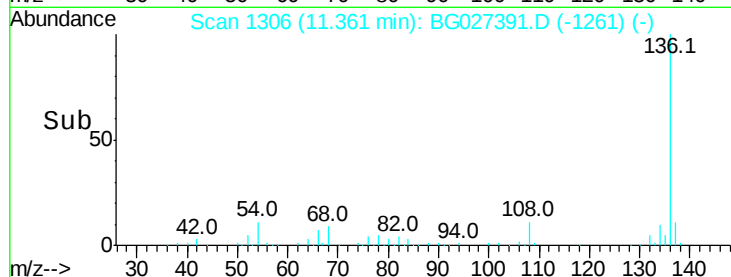
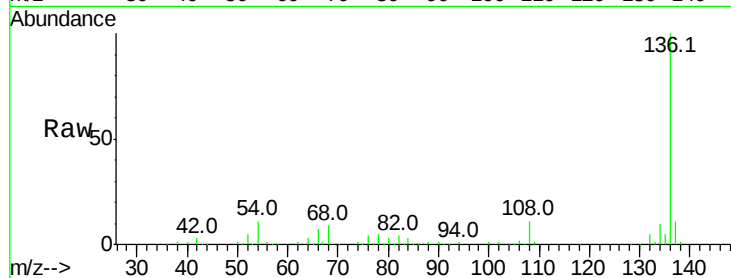
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.36 min Scan# 1306
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	237889		
137	11.1	8.9	13.3	
54	10.9	9.3	13.9	
68	8.5	5.1	7.7#	

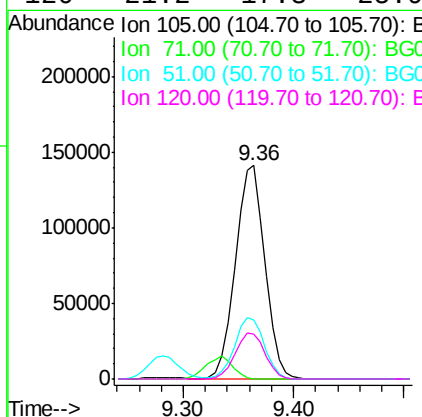
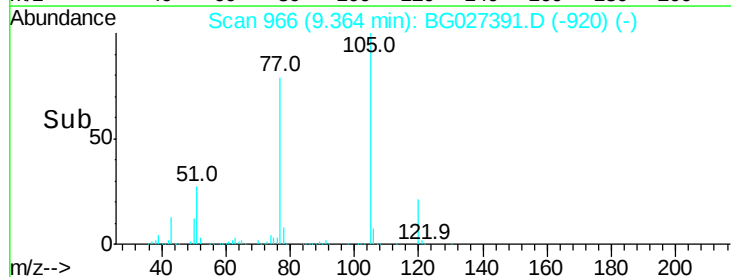
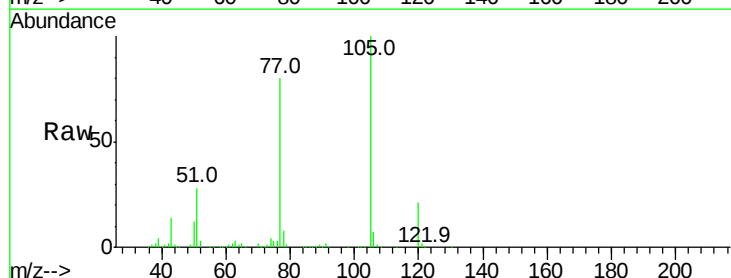
Manual Integrations
APPROVED

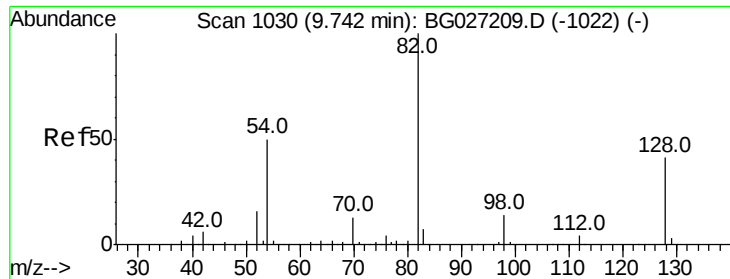
mohammad
6/14/2017 4:24:04 PM



#22
Acetophenone
Concen: 43.47 ng
RT: 9.36 min Scan# 966
Delta R.T. -0.03 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	264465		
71	0.2	0.9	1.3#	
51	27.5	34.0	51.0#	
120	21.2	17.3	25.9	





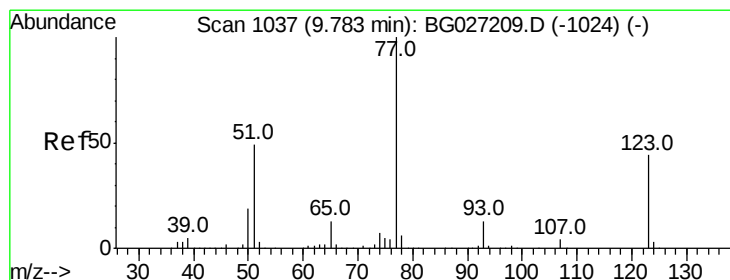
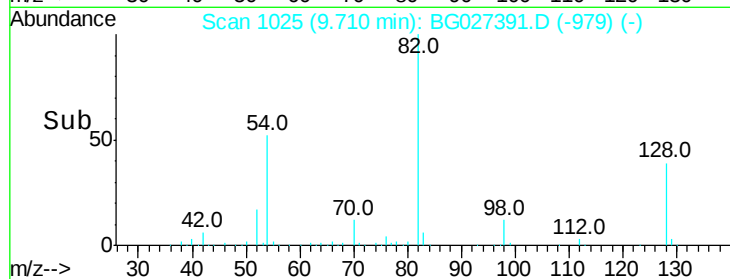
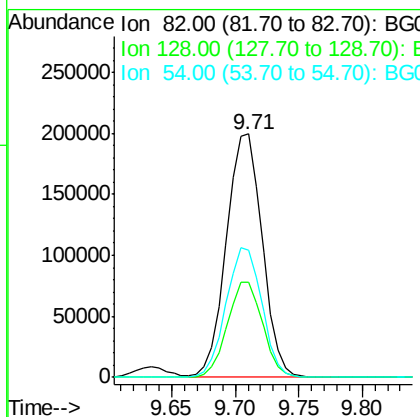
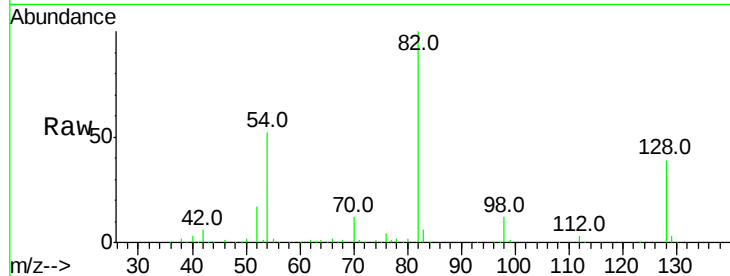
#23
 Nitrobenzene-d5
 Concen: 103.39 ng
 RT: 9.71 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB99729BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.0	26.4	39.6	
54	52.1	49.4	74.2	

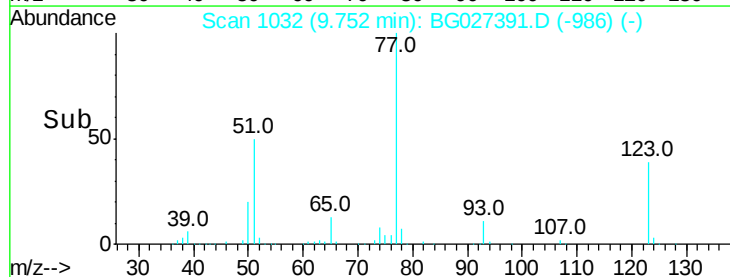
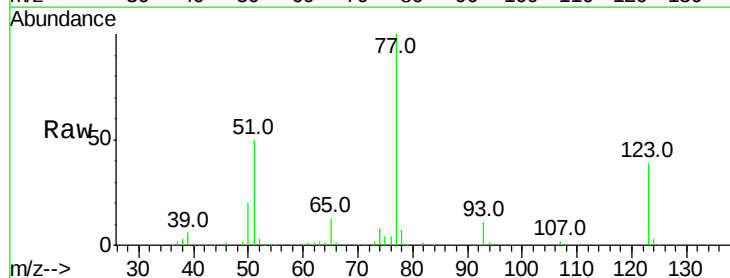
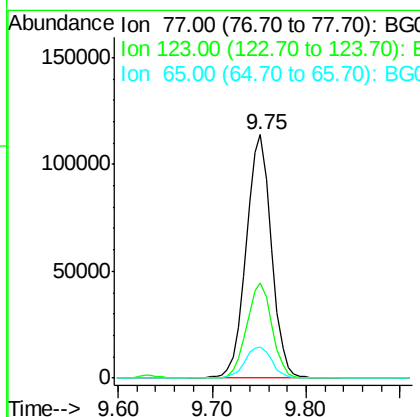
Manual Integrations
 APPROVED

mohammad
 6/14/2017 4:24:04 PM



#24
 Nitrobenzene
 Concen: 48.91 ng
 RT: 9.75 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.1	26.1	39.1	
65	12.9	12.4	18.6	





#25

Isophorone

Concen: 45.05 ng

RT: 10.27 min Scan# 1120

Delta R.T. -0.04 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

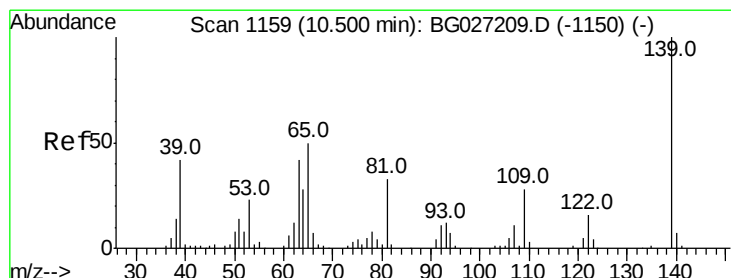
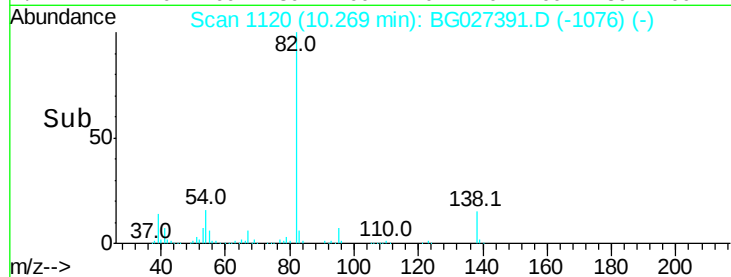
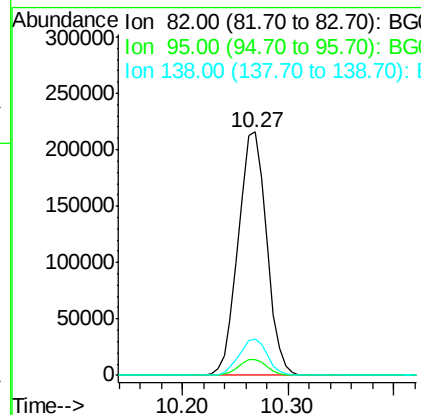
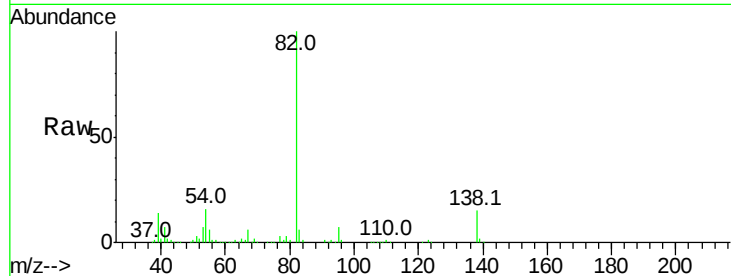
ClientSampleId :

PB99729BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.6	7.5	11.3#
138	15.1	12.3	18.5

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#26

2-Nitrophenol

Concen: 46.42 ng

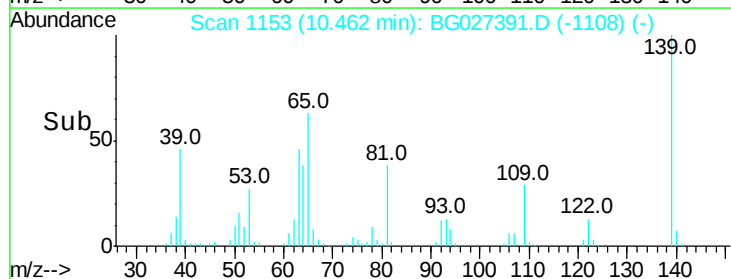
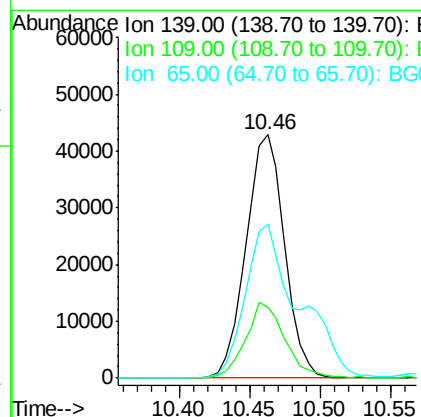
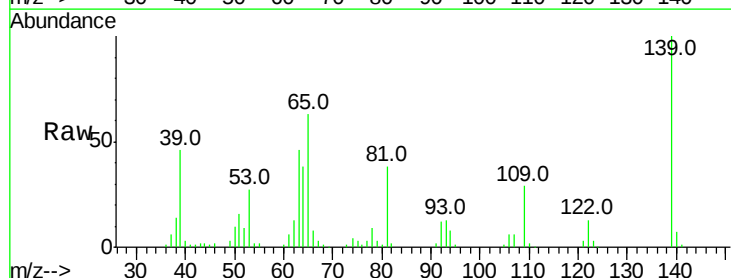
RT: 10.46 min Scan# 1153

Delta R.T. -0.04 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.1	38.6	58.0#
65	63.1	57.1	85.7





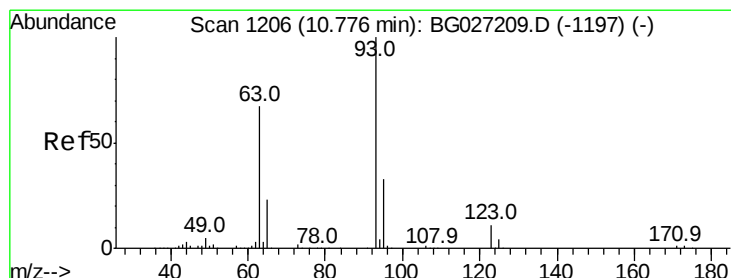
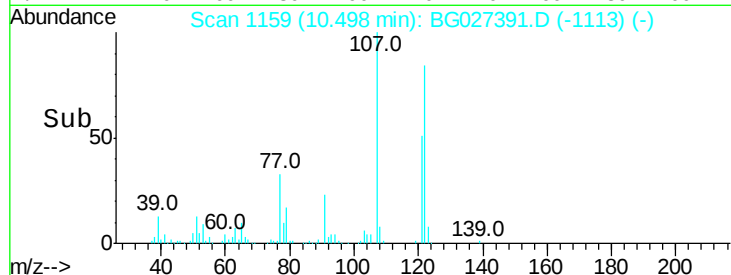
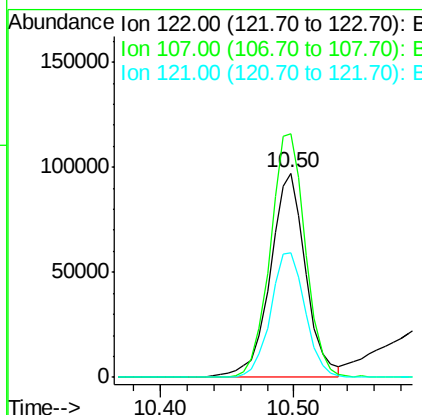
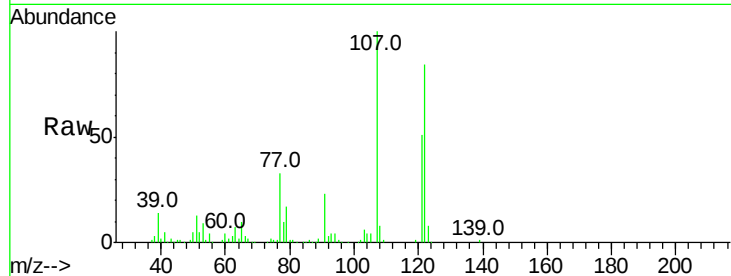
#27
2,4-Dimethylphenol
Concen: 47.17 ng
RT: 10.50 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.1	104.2	156.4
121	60.7	46.0	69.0

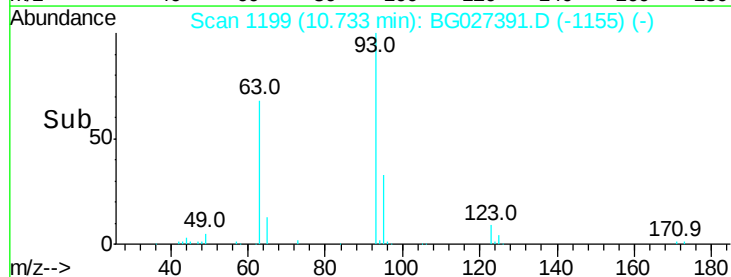
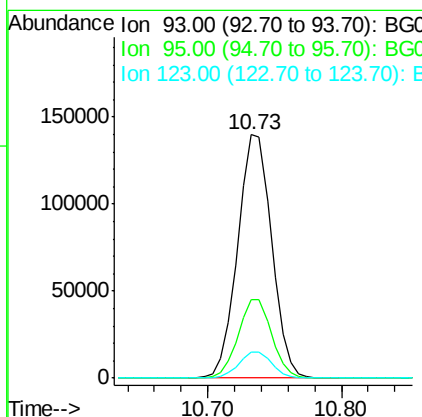
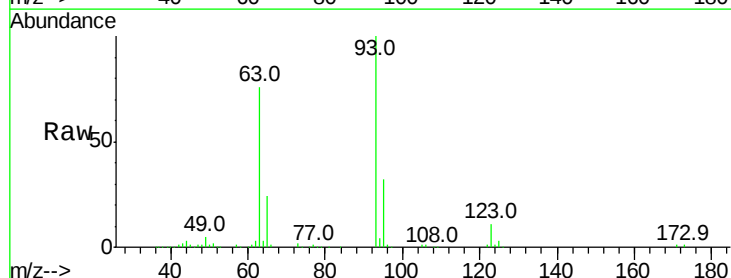
Manual Integrations
APPROVED

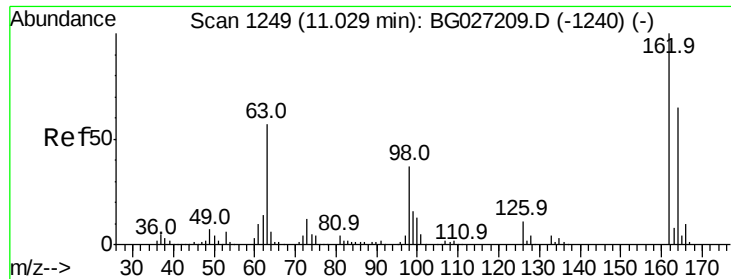
mohammad
6/14/2017 4:24:04 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.83 ng
RT: 10.73 min Scan# 1199
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	10.8	8.3	12.5





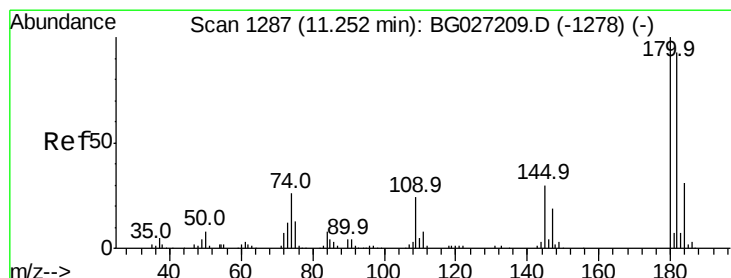
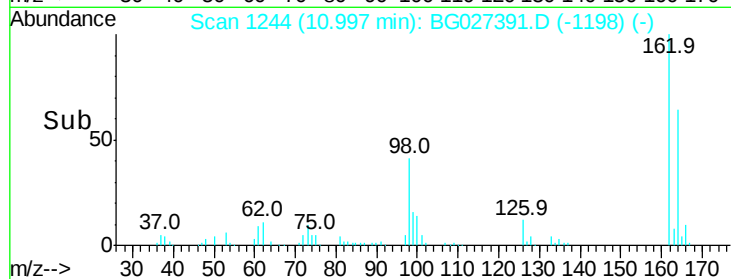
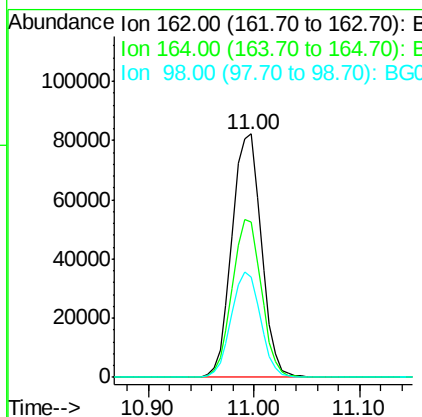
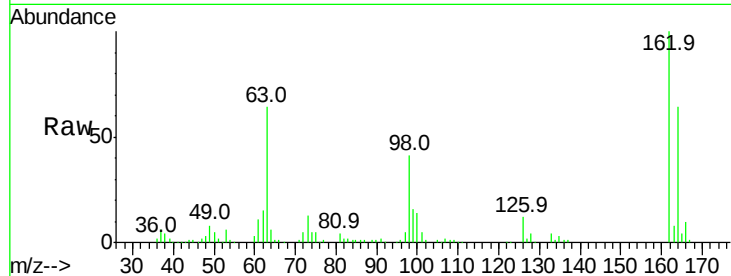
#29
 2,4-Dichlorophenol
 Concen: 45.30 ng
 RT: 11.00 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Instrument :
 BNA_G
 ClientSampled :
 PB99729BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.8	42.4	82.4
98	41.0	20.3	60.3

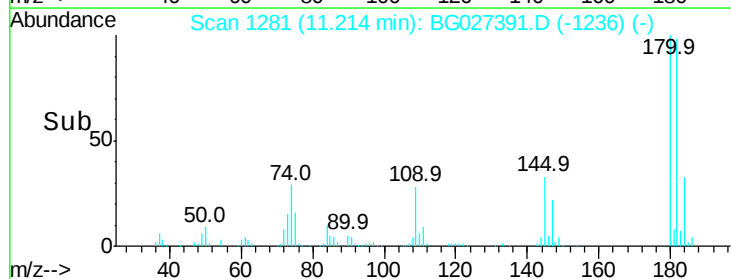
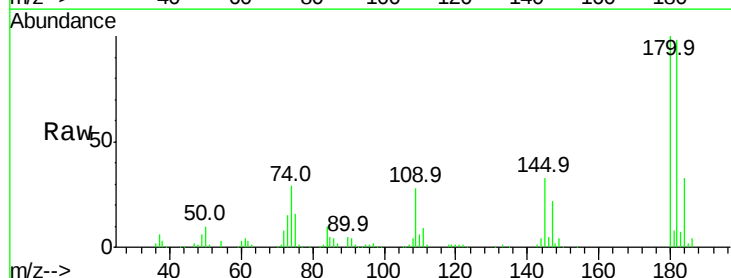
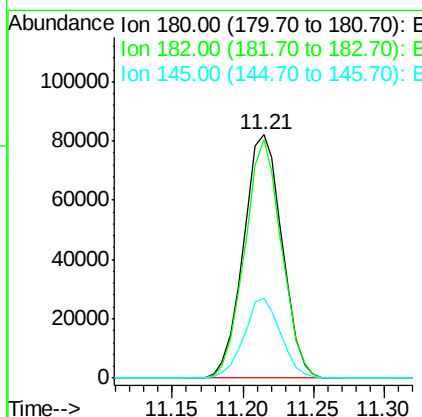
Manual Integrations
 APPROVED

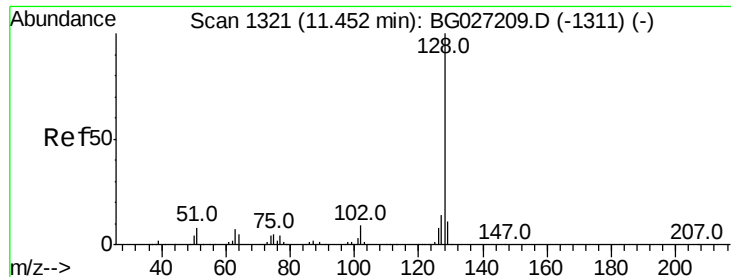
mohammad
 6/14/2017 4:24:04 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.66 ng
 RT: 11.21 min Scan# 1281
 Delta R.T. -0.04 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.9	77.0	115.4
145	32.6	23.4	35.0





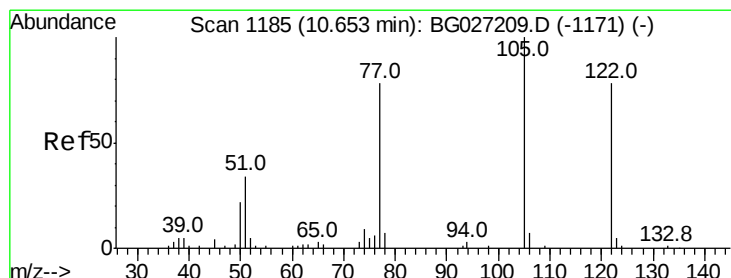
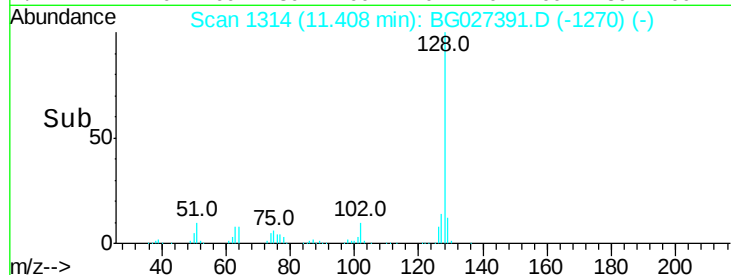
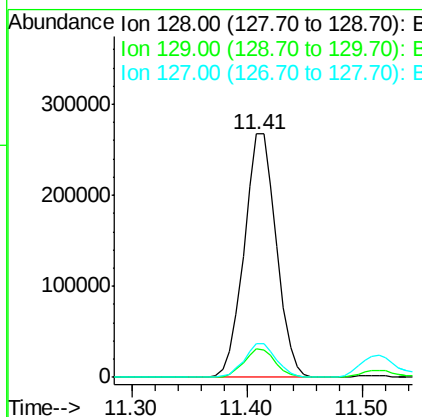
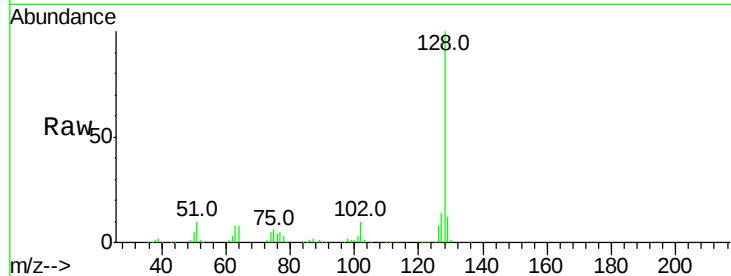
#31
Naphthalene
Concen: 39.88 ng
RT: 11.41 min Scan# 1314
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	9.3	13.9	
127	13.7	11.4	17.0	

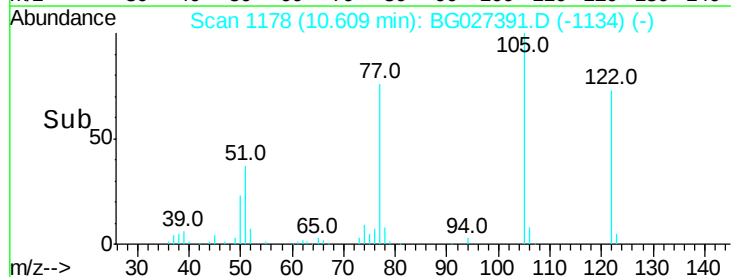
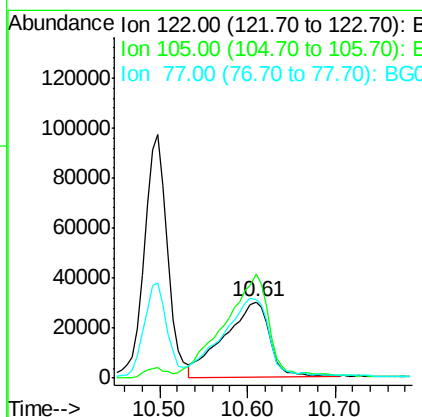
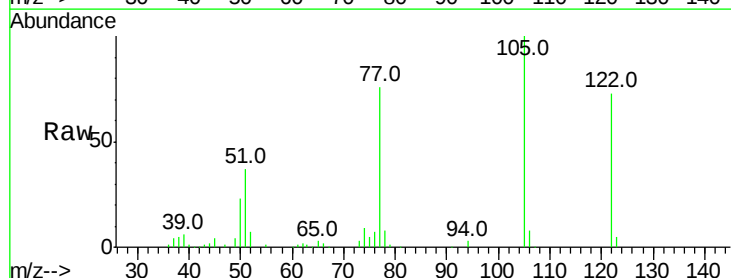
Manual Integrations
APPROVED

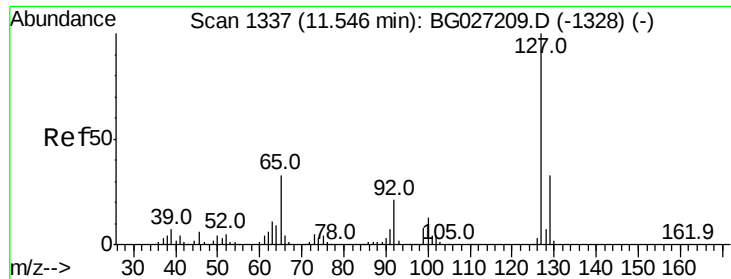
mohammad
6/14/2017 4:24:04 PM



#32
Benzoic acid
Concen: 41.11 ng
RT: 10.61 min Scan# 1178
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	136.6	120.1	160.1	
77	103.2	104.6	144.6	





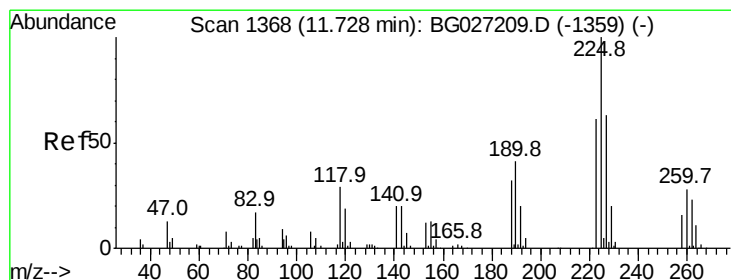
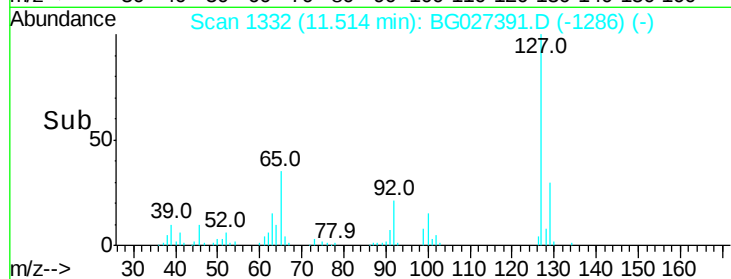
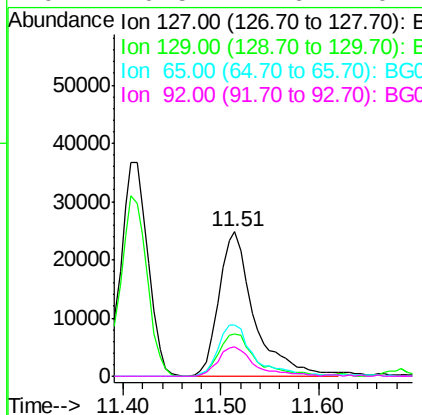
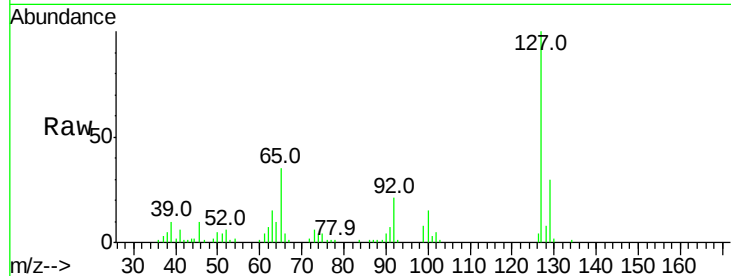
#33
4-Chloroaniline
Concen: 11.49 ng
RT: 11.51 min Scan# 1332
Delta R.T. -0.03 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.6	23.6	35.4
65	35.1	37.7	56.5
92	20.5	17.6	26.4

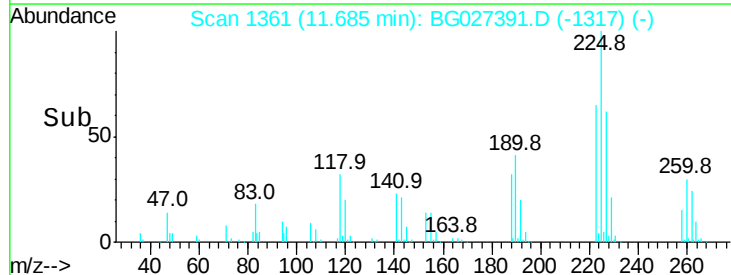
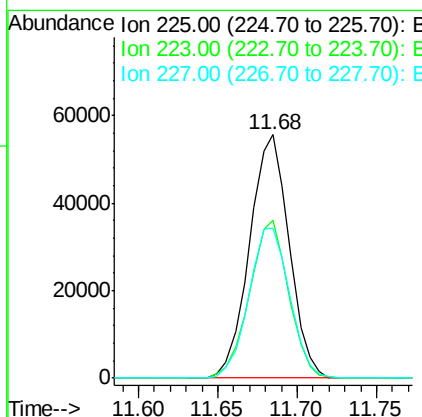
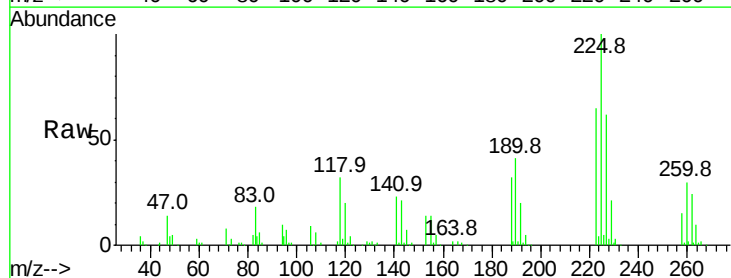
Manual Integrations
APPROVED

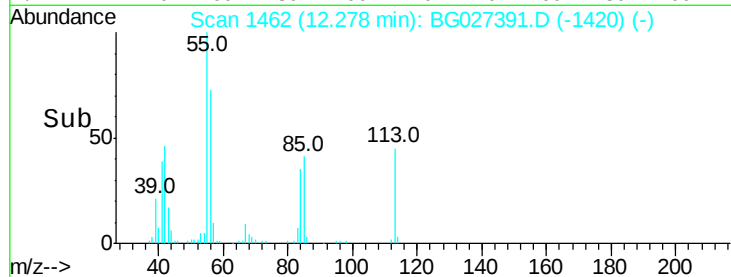
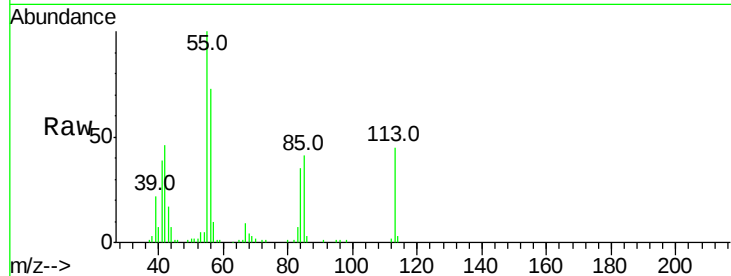
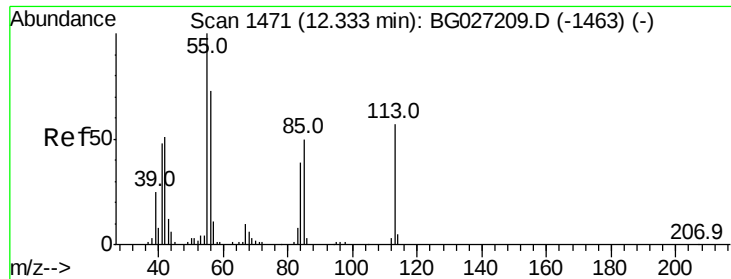
mohammad
6/14/2017 4:24:04 PM



#34
Hexachlorobutadiene
Concen: 40.56 ng
RT: 11.68 min Scan# 1361
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.7	76.1
227	61.6	49.0	73.6





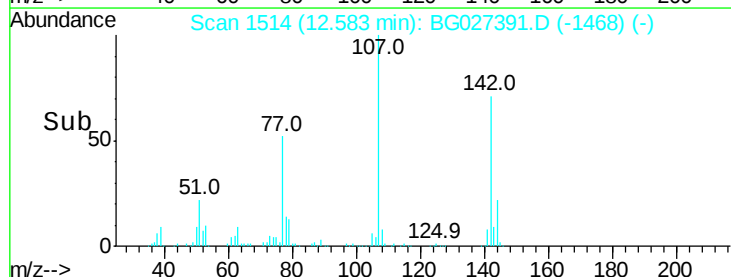
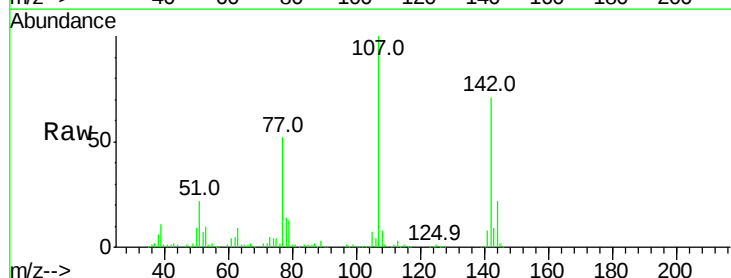
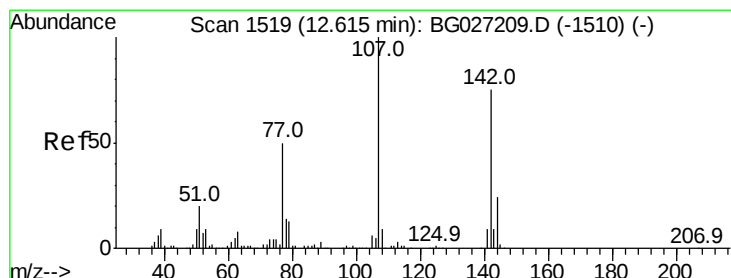
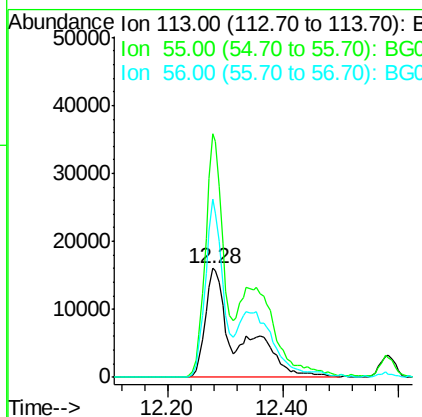
#35
Caprolactam
Concen: 53.12 ng/ml
RT: 12.28 min Scan# 1462
Delta R.T. -0.06 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	223.9	198.6	238.6
56	163.6	140.4	180.4

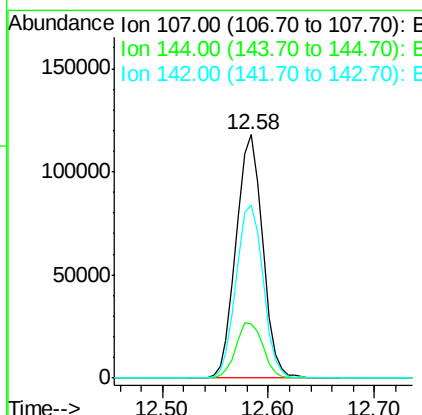
Manual Integrations
APPROVED

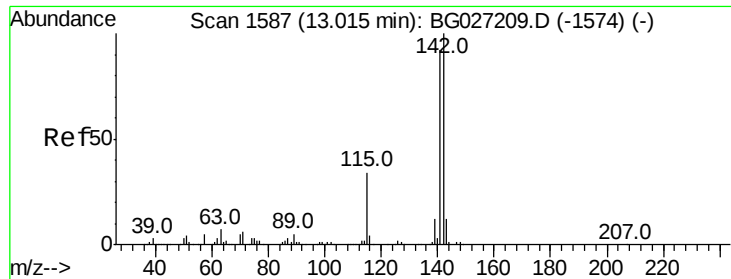
mohammad
6/14/2017 4:24:04 PM



#36
4-Chloro-3-methylphenol
Concen: 46.97 ng
RT: 12.58 min Scan# 1514
Delta R.T. -0.03 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.4	17.4	26.0
142	71.0	54.1	81.1





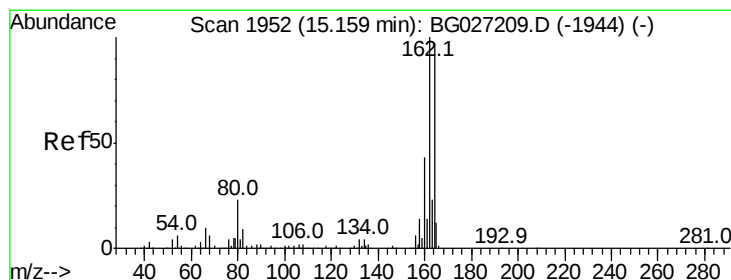
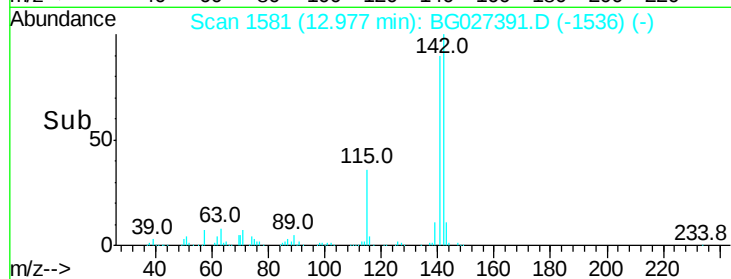
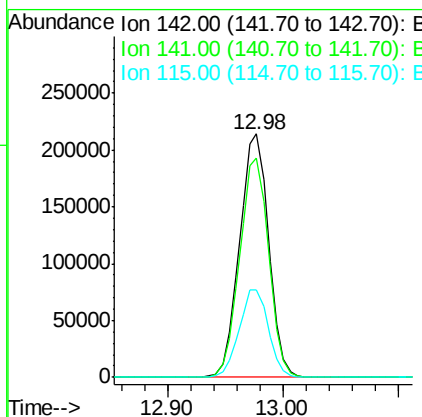
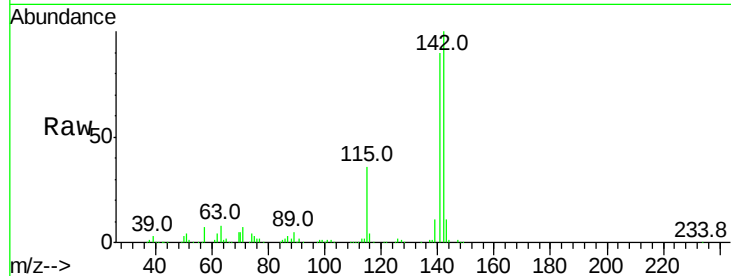
#37
2-Methylnaphthalene
Concen: 39.43 ng
RT: 12.98 min Scan# 1581
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.4	105.6
115	35.8	35.5	53.3

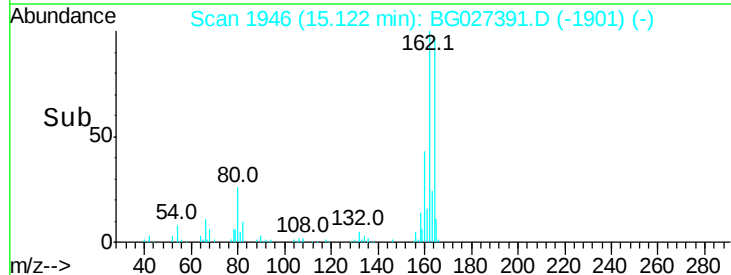
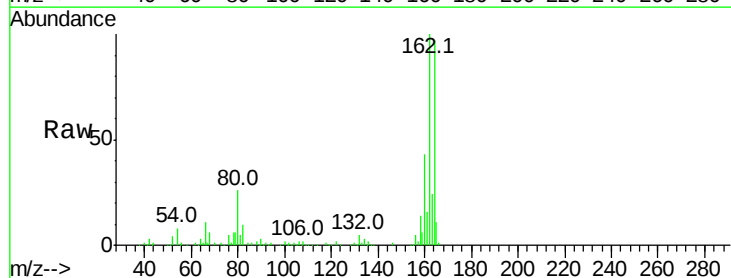
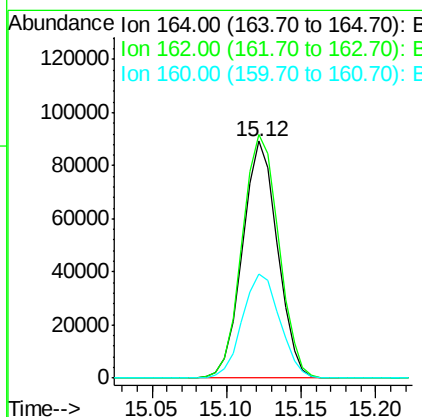
Manual Integrations
APPROVED

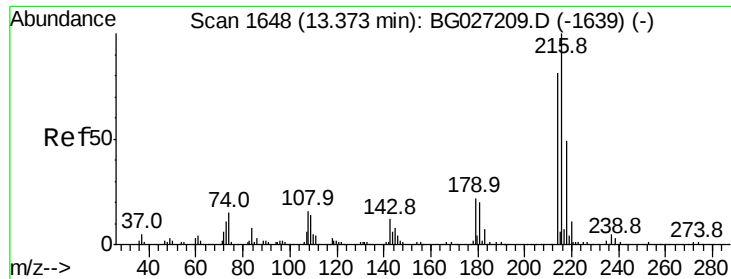
mohammad
6/14/2017 4:24:04 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1946
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.1	127.7
160	43.9	34.7	52.1





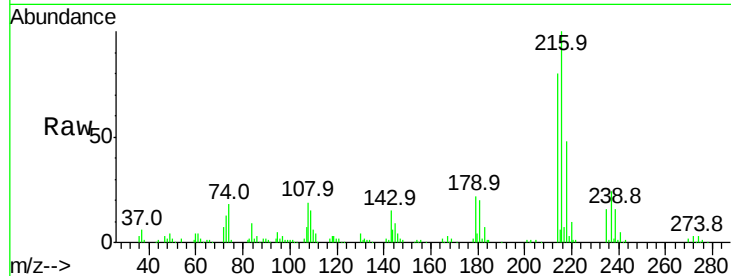
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.76 ng
 RT: 13.33 min Scan# 1641
 Delta R.T. -0.04 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB99729BS

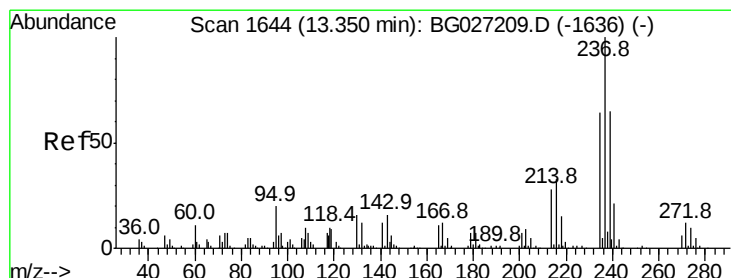
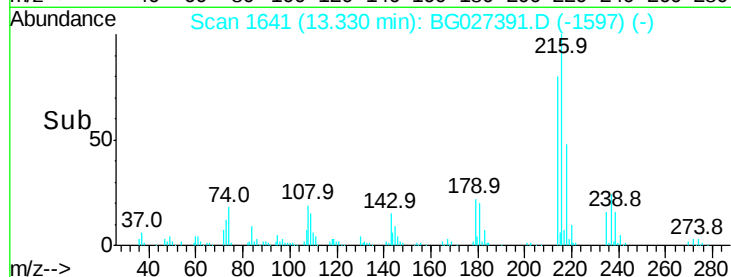
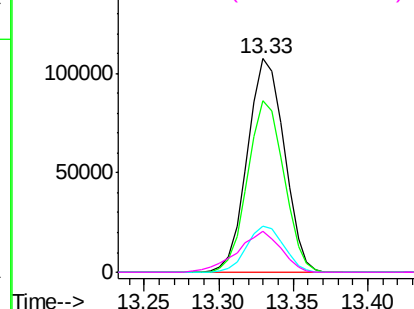
Tot Ion	Ratio	Resp	Lower	Upper
216	100	183445		
214	79.0	64.4	96.6	
179	21.5	17.4	26.0	
108	22.3	15.6	23.4	

Manual Integrations
 APPROVED

mohammad
 6/14/2017 4:24:04 PM

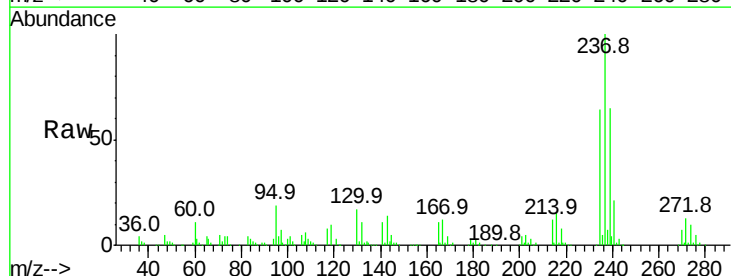


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

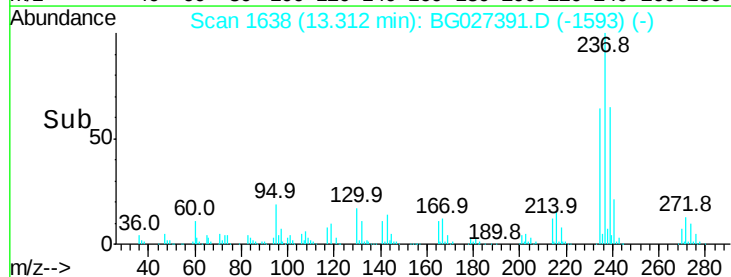
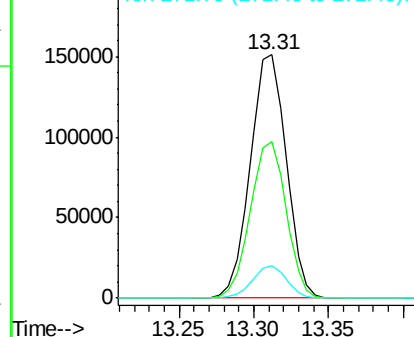


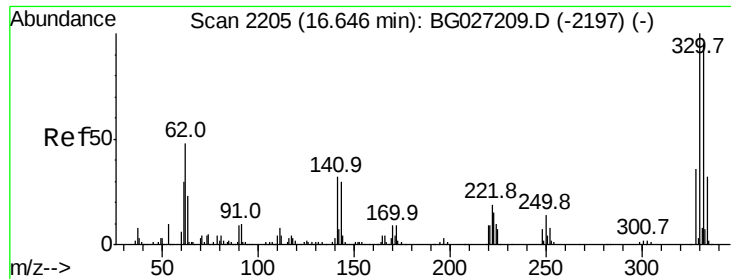
#40
 Hexachlorocyclopentadiene
 Concen: 105.08 ng
 RT: 13.31 min Scan# 1638
 Delta R.T. -0.04 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	251699		
235	64.3	39.4	79.4	
272	13.4	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





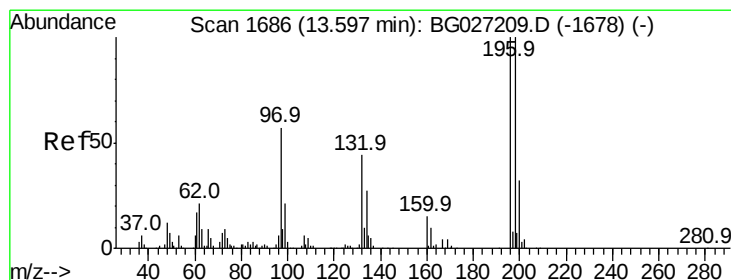
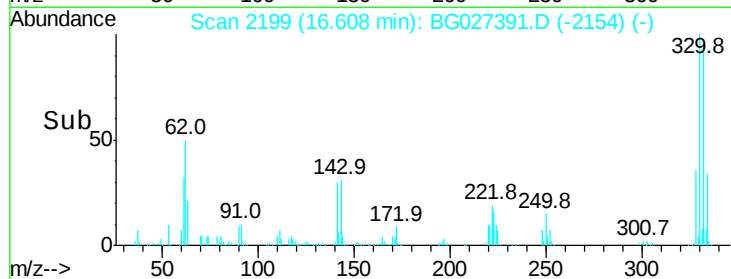
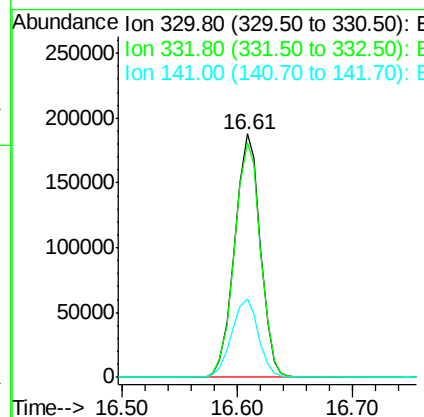
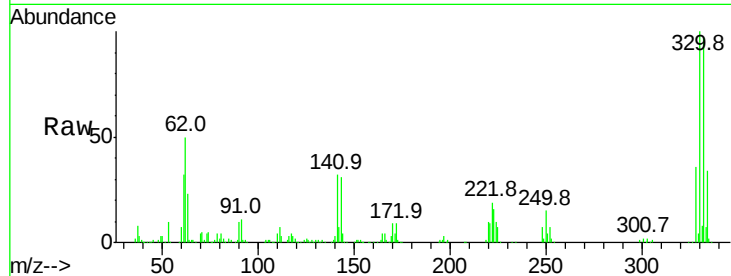
#41
 2,4,6-Tribromophenol
 Concen: 151.68 ng
 RT: 16.61 min Scan# 2199
 Delta R.T. -0.04 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB99729BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	288535		
332	98.4	77.3	115.9	
141	33.6	32.1	48.1	

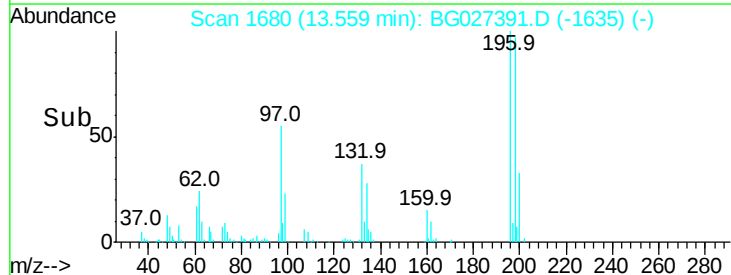
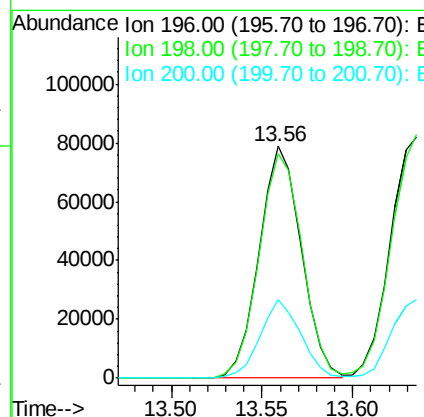
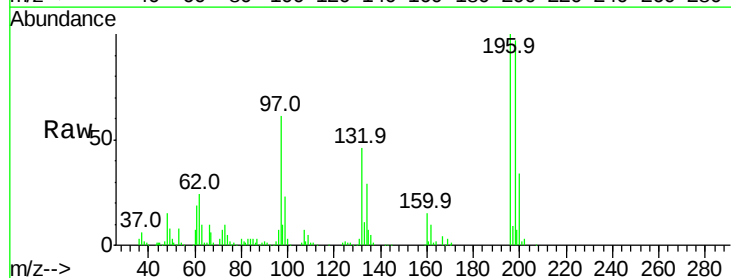
Manual Integrations
 APPROVED

mohammad
 6/14/2017 4:24:04 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.80 ng
 RT: 13.56 min Scan# 1680
 Delta R.T. -0.04 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127752		
198	96.9	81.4	122.2	
200	33.7	27.0	40.6	





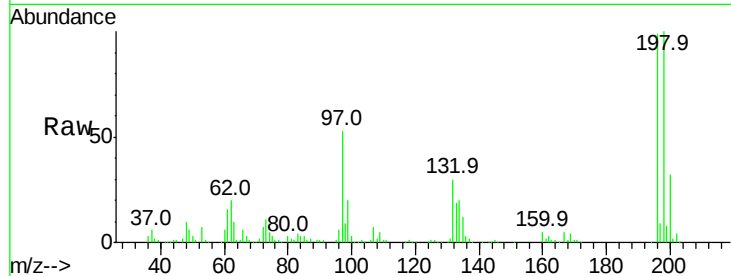
#43
 2,4,5-Trichlorophenol
 Concen: 46.86 ng
 RT: 13.64 min Scan# 1693
 Delta R.T. -0.04 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB99729BS

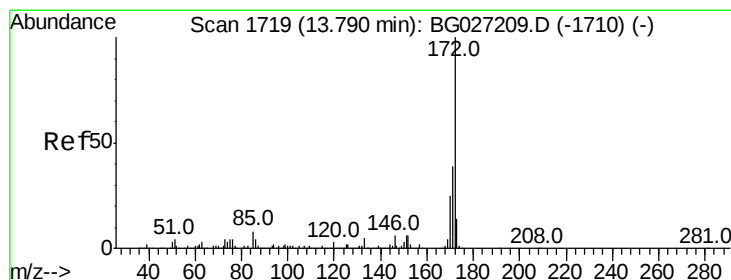
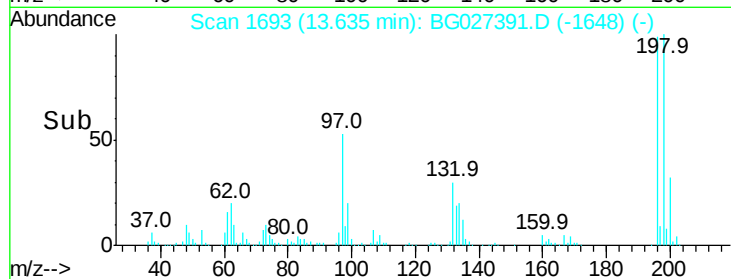
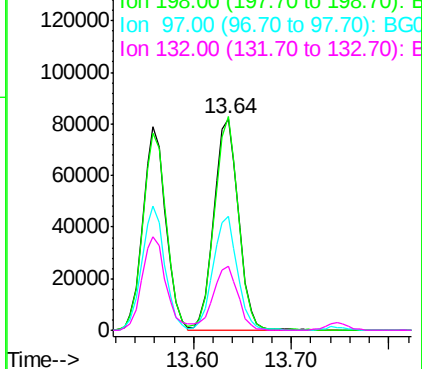
Tot Ion	196	Resp	143126
Ion Ratio	Lower	Upper	
196	100		
198	100.9	79.9	119.9
97	53.5	45.4	68.0
132	30.0	20.7	31.1

Manual Integrations
 APPROVED

mohammad
 6/14/2017 4:24:04 PM



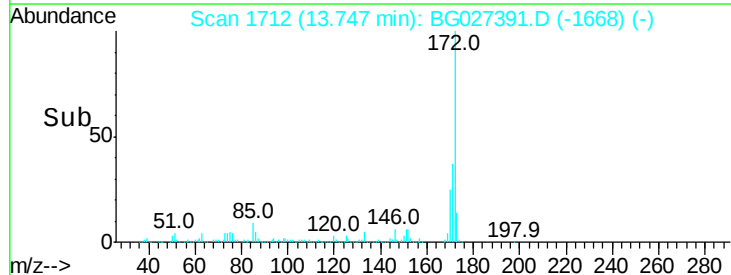
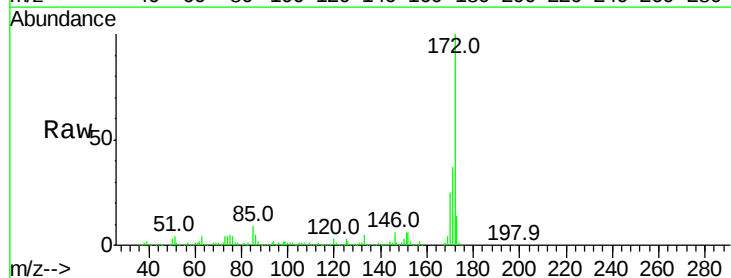
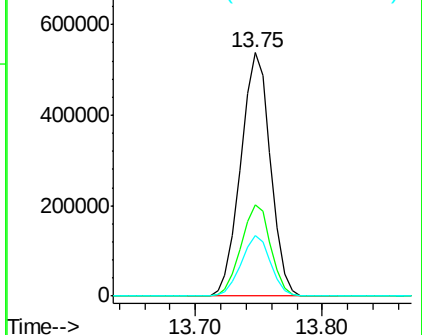
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

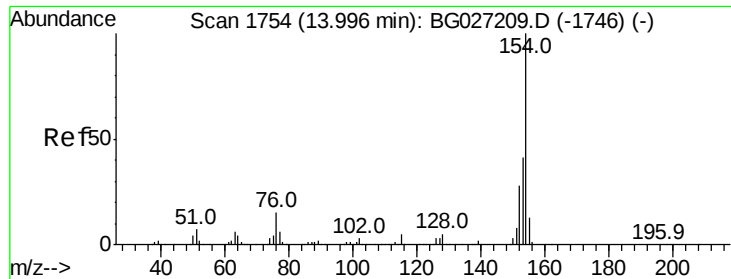


#44
 2-Fluorobiphenyl
 Concen: 84.76 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Tgt Ion	172	Resp	875263
Ion Ratio	Lower	Upper	
172	100		
171	37.5	32.2	48.2
170	24.7	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





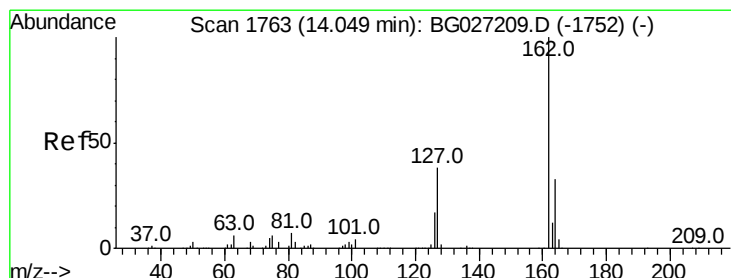
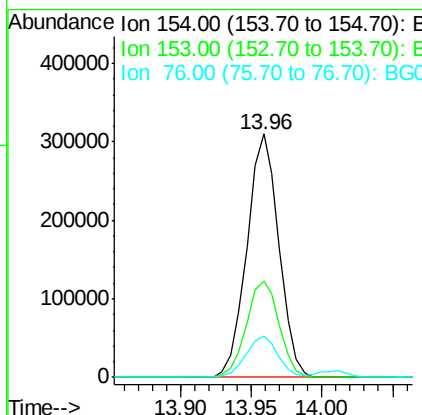
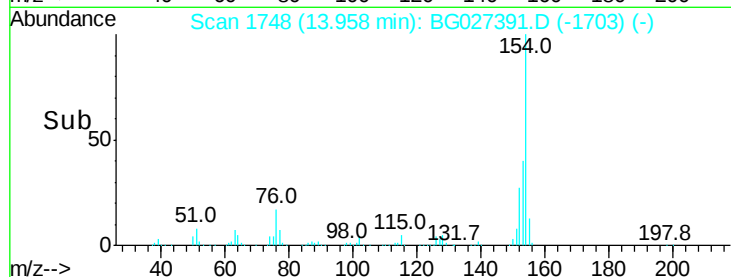
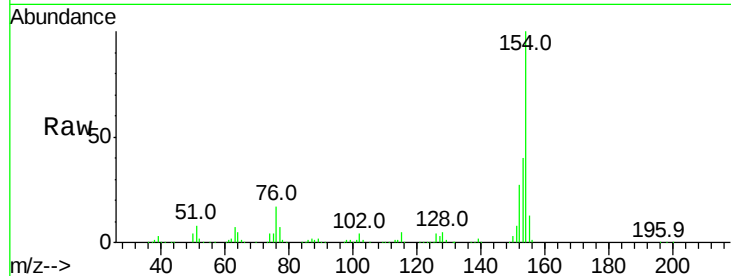
#45
1,1'-Biphenyl
Concen: 41.58 ng
RT: 13.96 min Scan# 1748
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	23.0	63.0
76	16.9	0.0	33.5

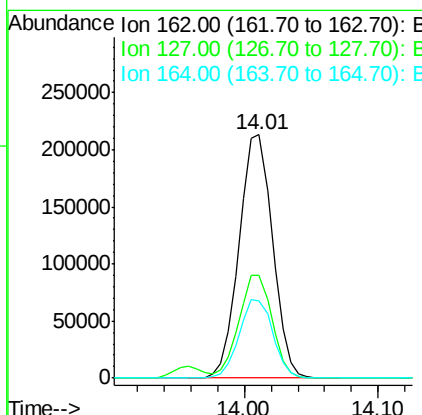
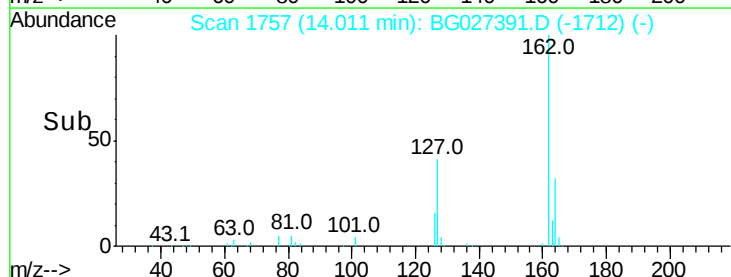
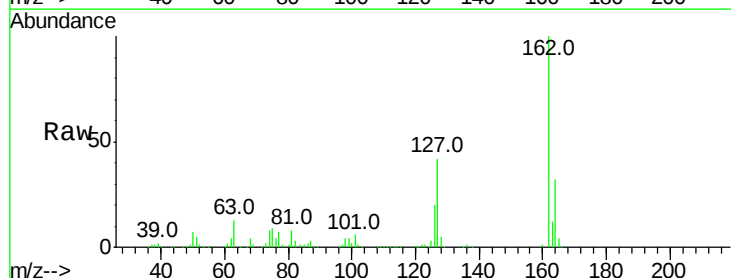
Manual Integrations
APPROVED

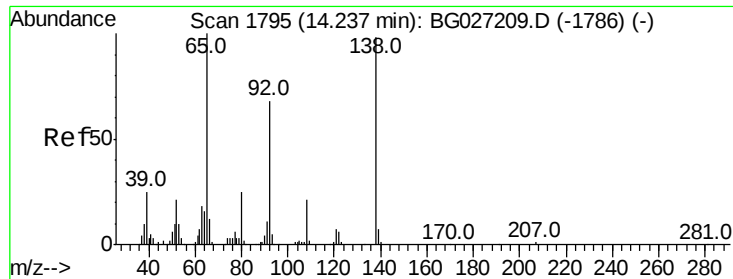
mohammad
6/14/2017 4:24:04 PM



#46
2-Chloronaphthalene
Concen: 41.84 ng
RT: 14.01 min Scan# 1757
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.3	32.2	48.4
164	31.9	27.3	40.9





#47

2-Nitroaniline

Concen: 56.22 ng

RT: 14.20 min Scan# 1789

Delta R.T. -0.04 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

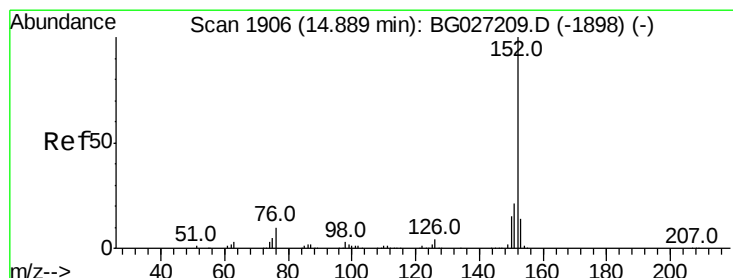
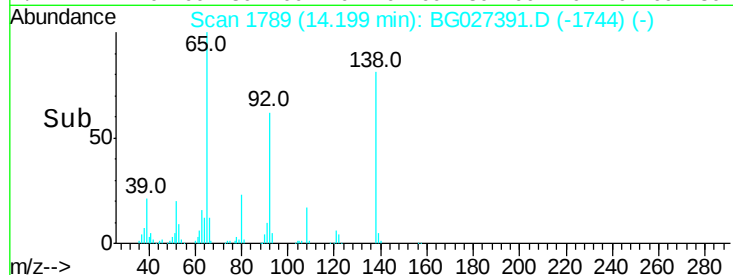
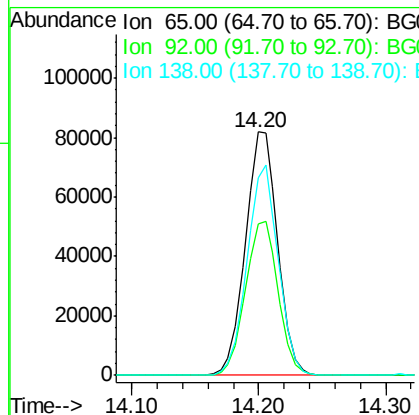
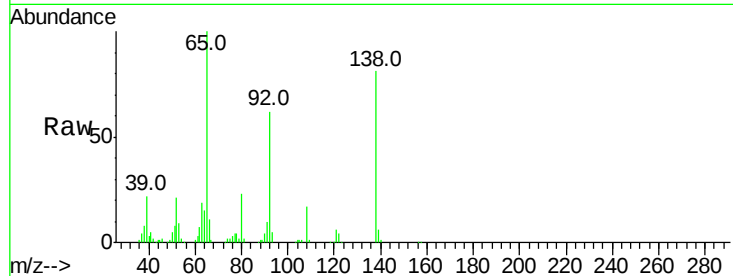
ClientSampleId :

PB99729BS

Tot Ion:	65	Resp:	144774
Ion	Ratio	Lower	Upper
65	100		
92	62.0	49.0	73.4
138	81.0	58.6	87.8

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#48

Acenaphthylene

Concen: 40.37 ng

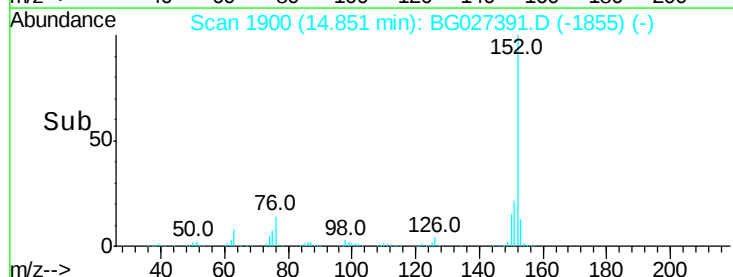
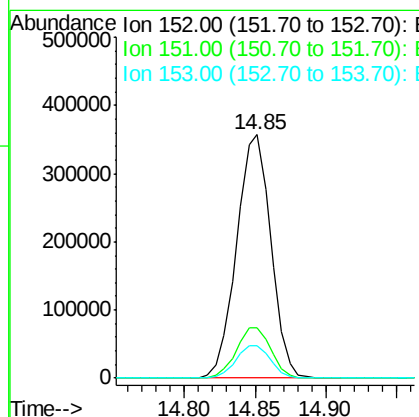
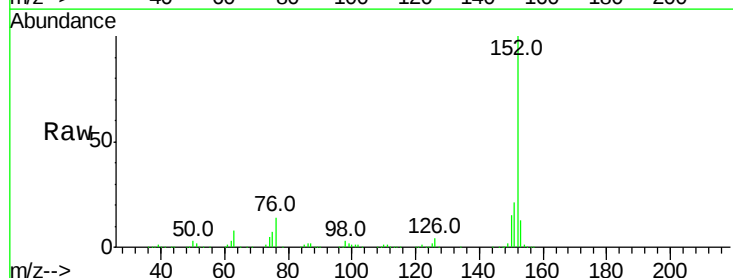
RT: 14.85 min Scan# 1900

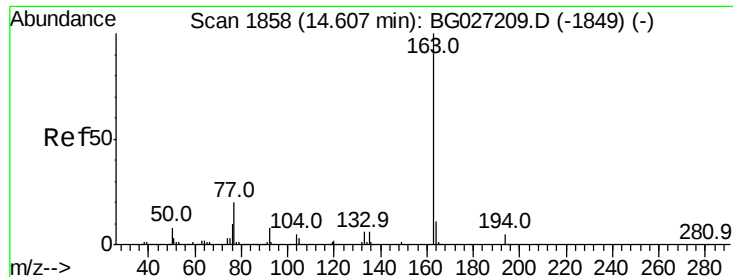
Delta R.T. -0.04 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Tgt Ion:	152	Resp:	603964
Ion	Ratio	Lower	Upper
152	100		
151	20.8	18.2	27.2
153	13.3	11.3	16.9





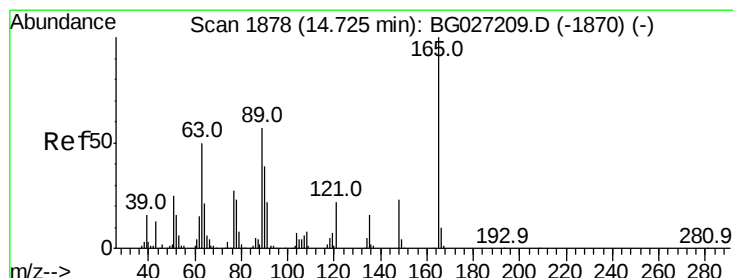
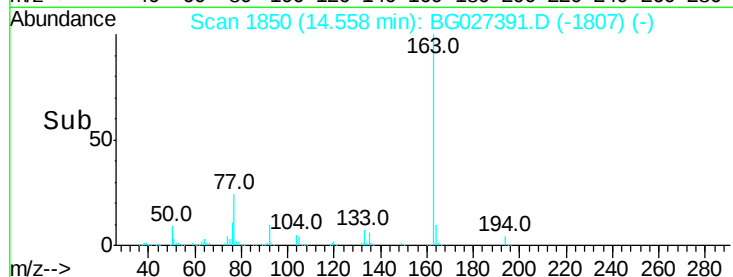
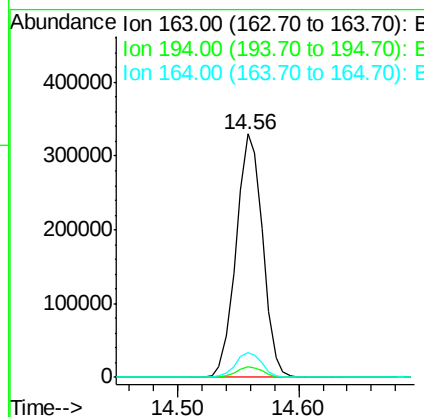
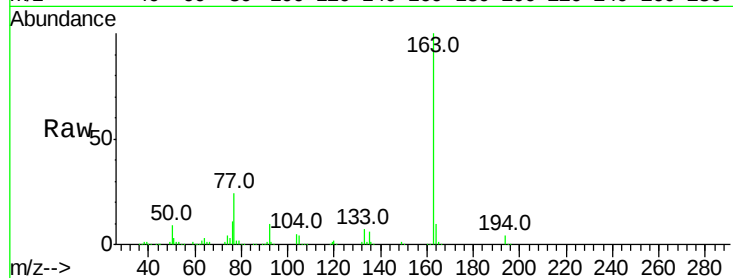
#49
Dimethylphthalate
Concen: 44.11 ng
RT: 14.56 min Scan# 1850
Delta R.T. -0.05 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	505478		
194	4.3		3.8	5.6
164	10.4		9.3	13.9

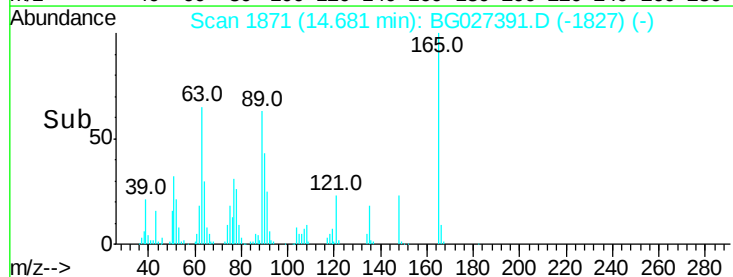
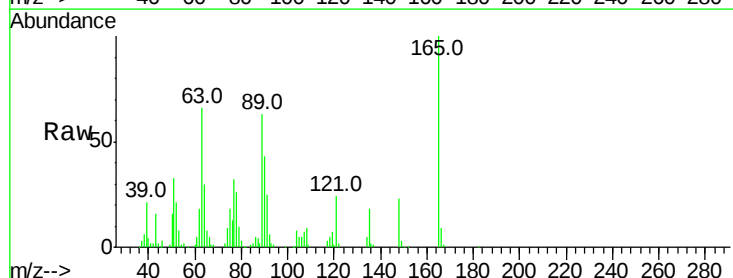
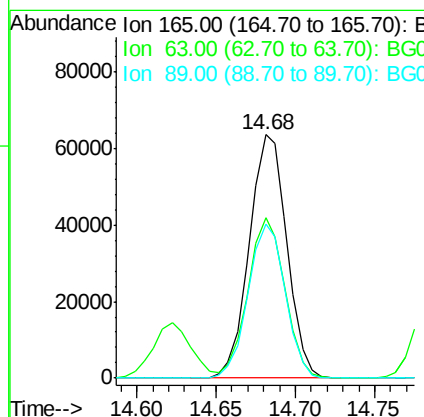
Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#50
2,6-Dinitrotoluene
Concen: 45.23 ng
RT: 14.68 min Scan# 1871
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	104448		
63	65.9		63.9	95.9
89	63.3		58.6	88.0





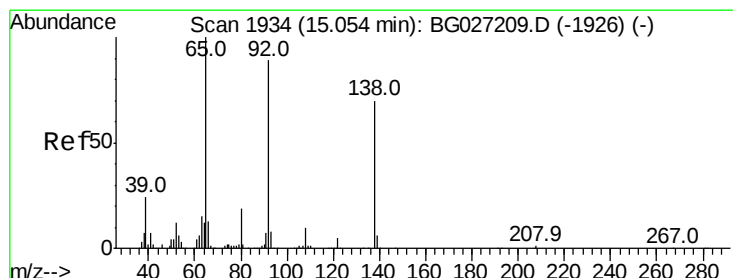
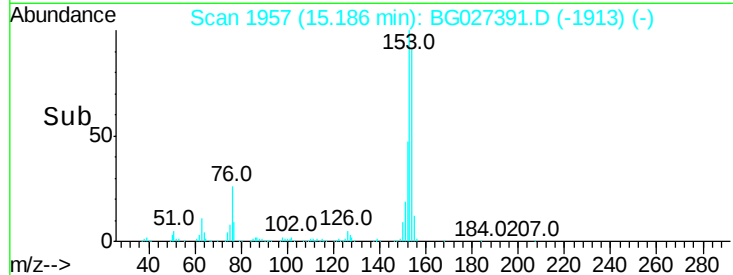
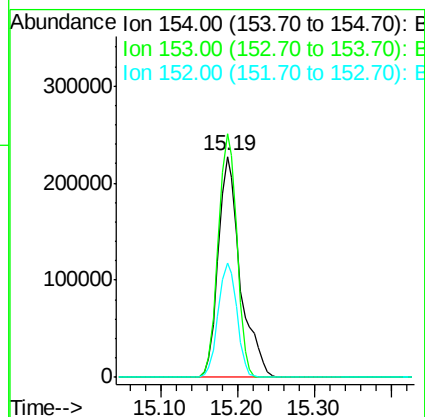
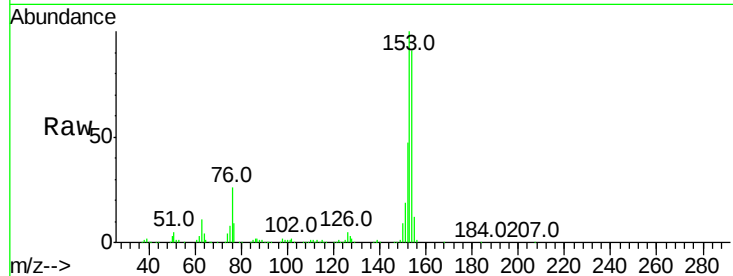
#51
Acenaphthene
Concen: 46.18 ng
RT: 15.19 min Scan# 1957
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.2	87.8	131.6
152	51.8	42.2	63.4

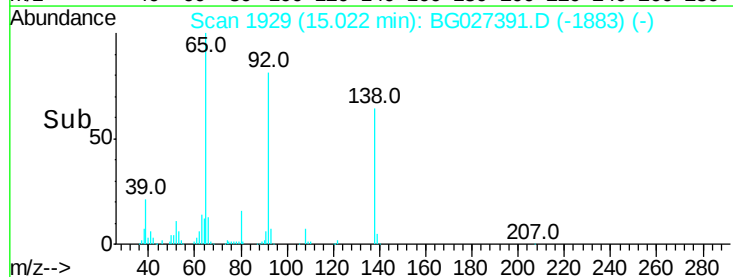
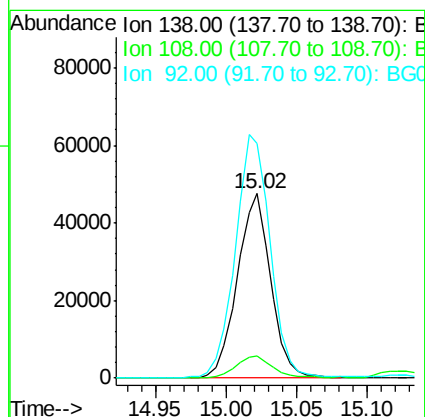
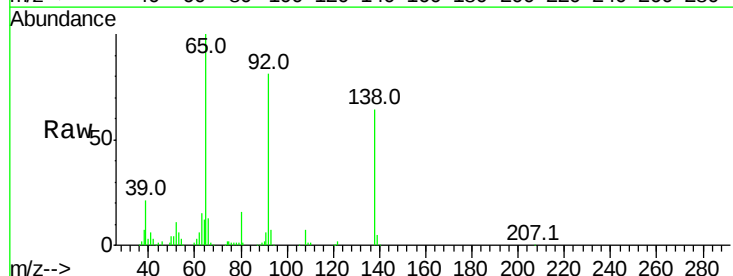
Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#52
3-Nitroaniline
Concen: 34.07 ng
RT: 15.02 min Scan# 1929
Delta R.T. -0.03 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.7	10.9	16.3
92	127.2	115.3	172.9





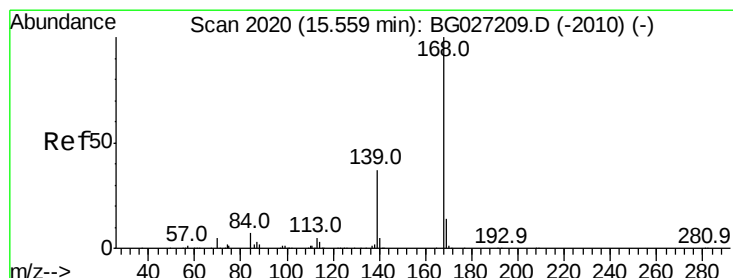
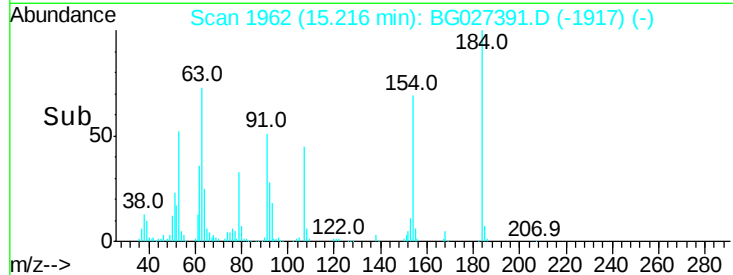
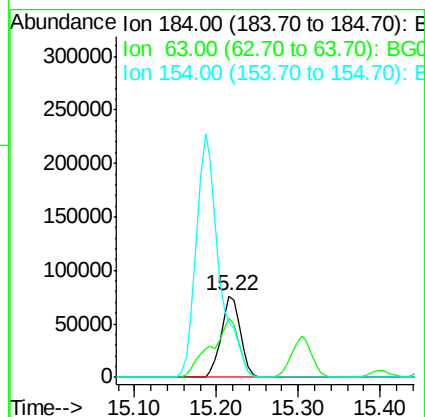
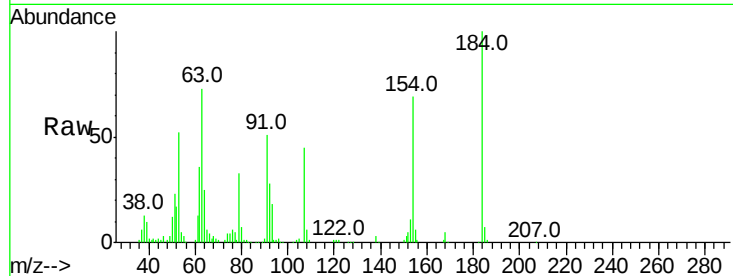
#53
2,4-Dinitrophenol
Concen: 100.09 ng
RT: 15.22 min Scan# 1962
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.4	52.7	79.1
154	69.2	57.3	85.9

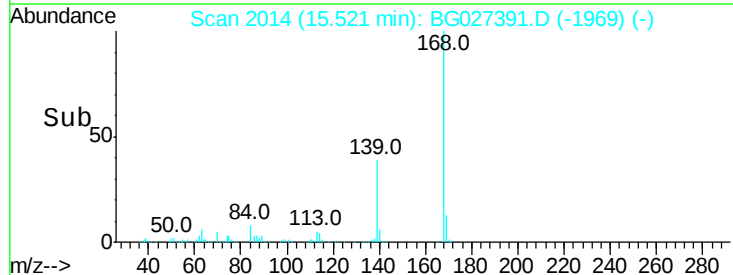
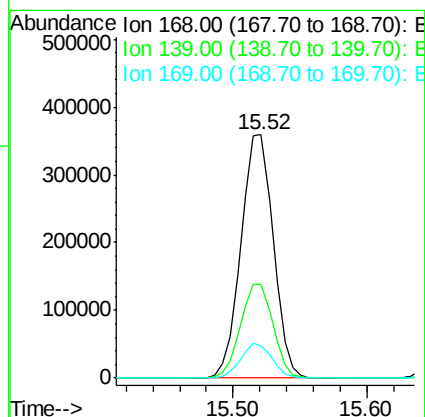
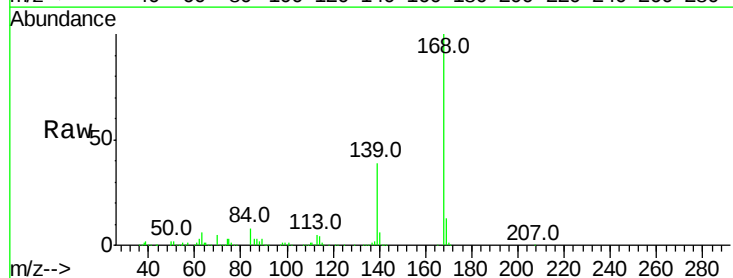
Manual Integrations
APPROVED

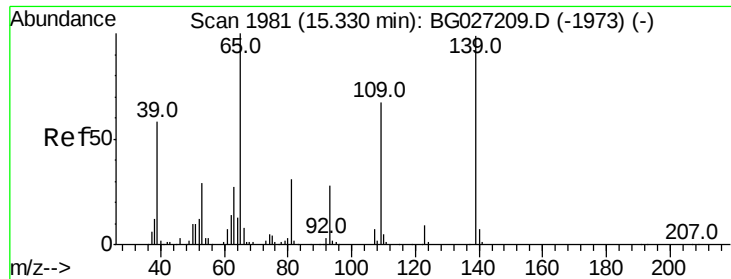
mohammad
6/14/2017 4:24:04 PM



#54
Dibenzofuran
Concen: 44.11 ng
RT: 15.52 min Scan# 2014
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	35.3	52.9
169	13.5	11.5	17.3





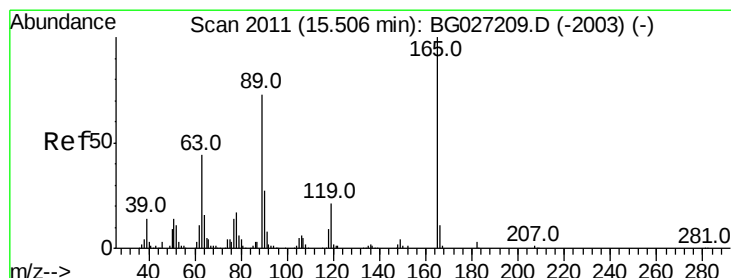
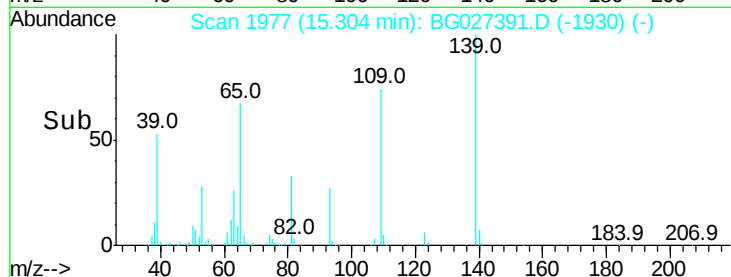
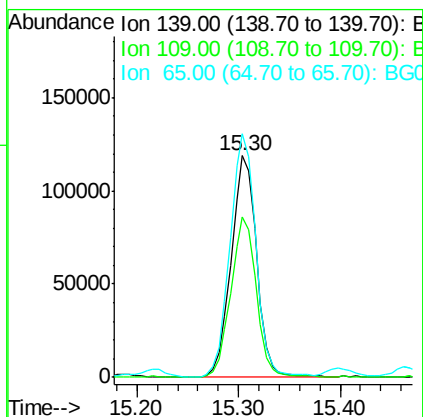
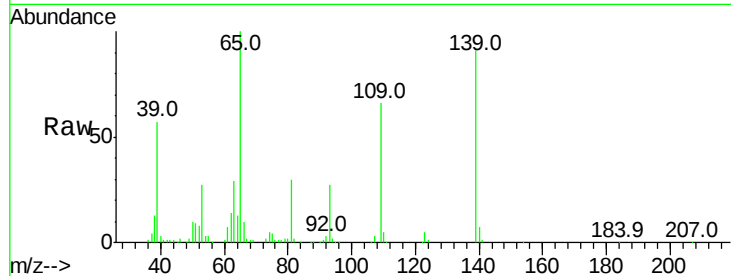
#55
4-Nitrophenol
Concen: 94.93 ng
RT: 15.30 min Scan# 1977
Delta R.T. -0.03 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.5	101.2	141.2#	
65	110.1	135.3	175.3#	

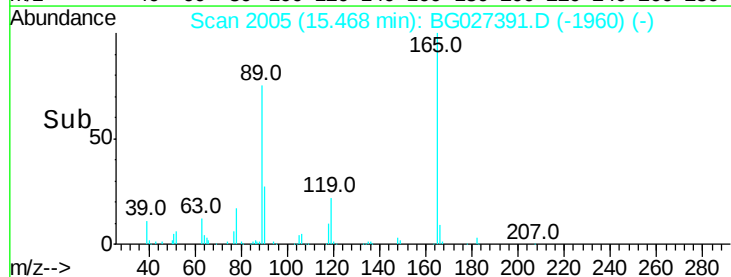
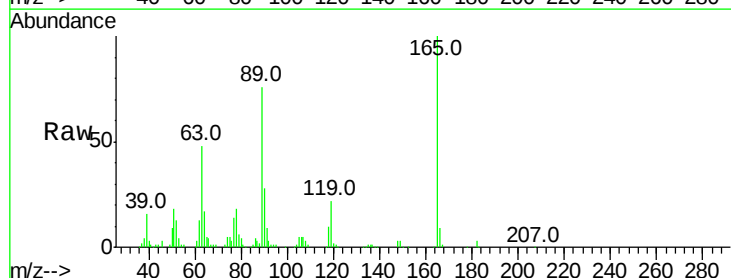
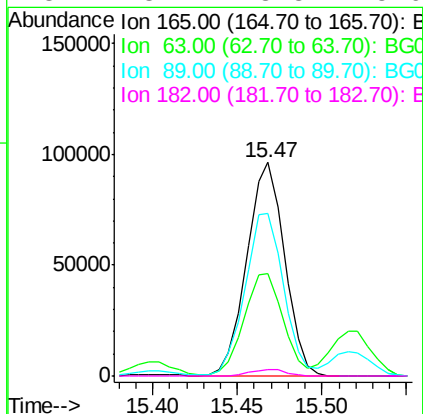
Manual Integrations
APPROVED

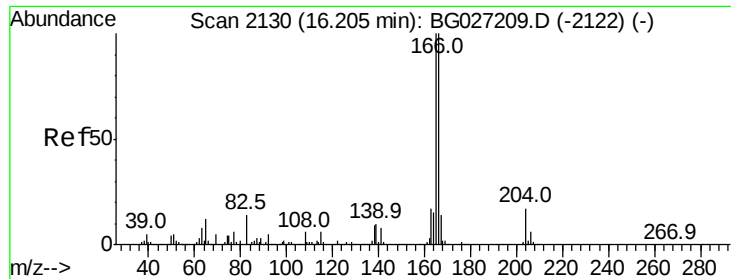
mohammad
6/14/2017 4:24:04 PM



#56
2,4-Dinitrotoluene
Concen: 50.18 ng
RT: 15.47 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.7	44.0	66.0	
89	76.4	67.3	100.9	
182	3.2	3.8	5.6#	





#57

Fluorene

Concen: 40.95 ng

RT: 16.17 min Scan# 2124

Delta R.T. -0.04 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

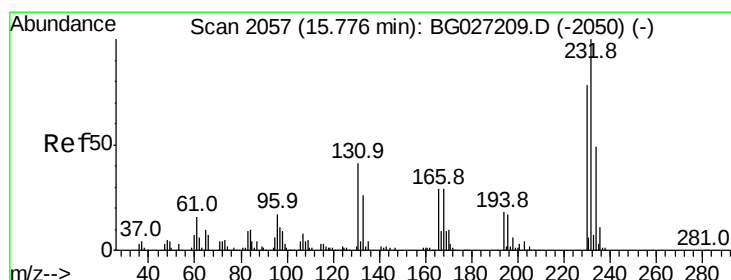
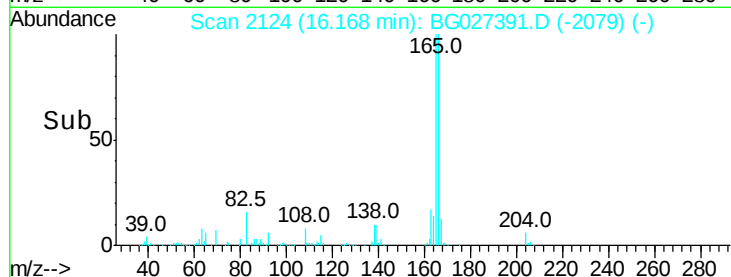
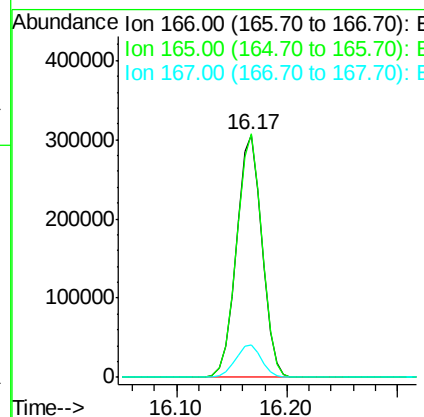
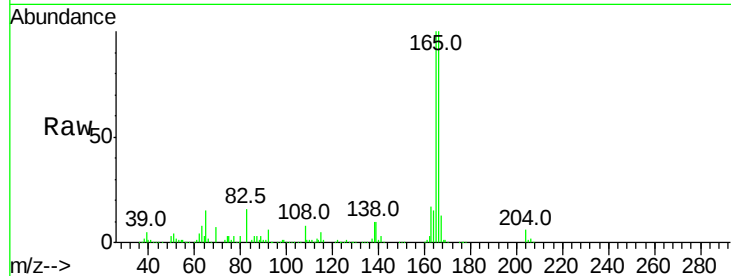
ClientSampleId :

PB99729BS

Tot Ion:	166	Resp:	494605
Ion Ratio	Lower	Upper	
166	100		
165	100.5	78.6	117.8
167	13.5	11.6	17.4

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.83 ng

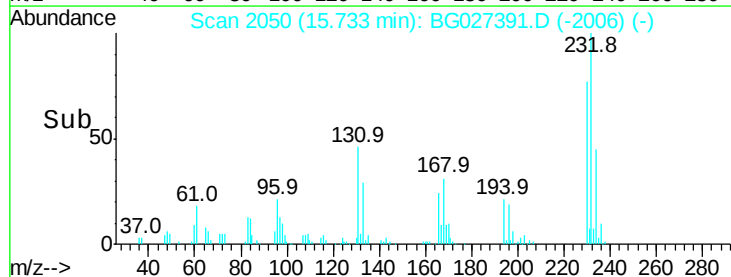
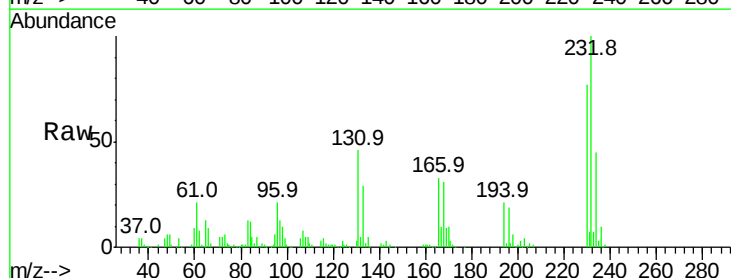
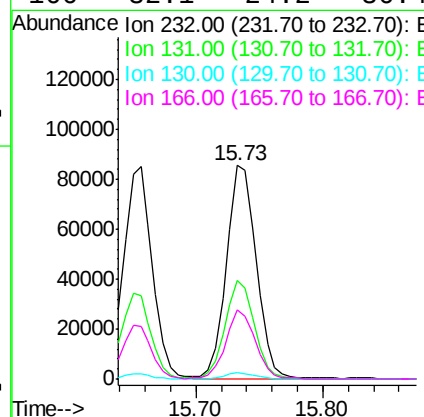
RT: 15.73 min Scan# 2050

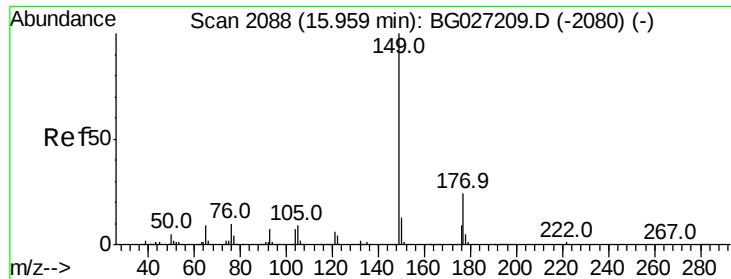
Delta R.T. -0.04 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Tgt Ion:	232	Resp:	138599
Ion Ratio	Lower	Upper	
232	100		
131	45.8	34.9	52.3
130	2.8	2.3	3.5
166	32.1	24.2	36.4





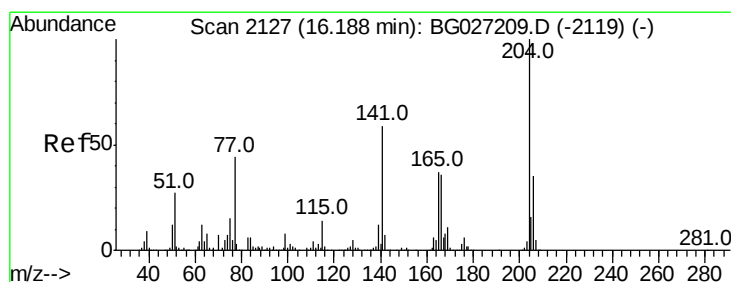
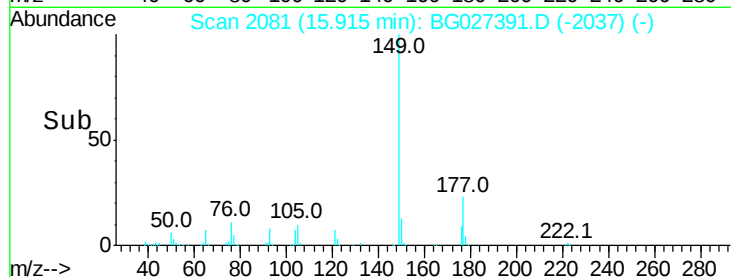
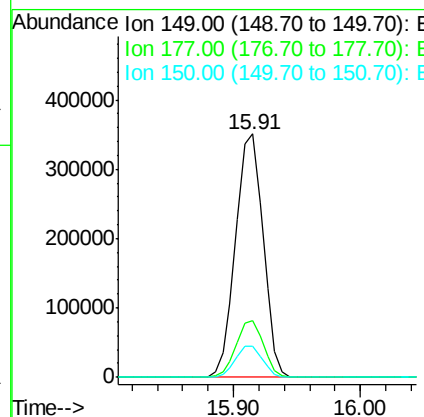
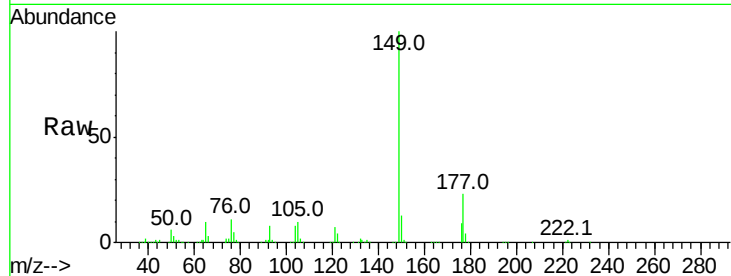
#59
Diethylphthalate
Concen: 46.05 ng
RT: 15.91 min Scan# 2081
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion:	149	Resp:	526329
Ion Ratio	Lower	Upper	
149	100		
177	23.4	20.1	30.1
150	12.8	10.2	15.2

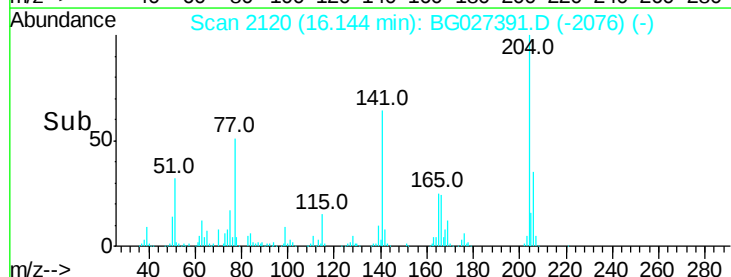
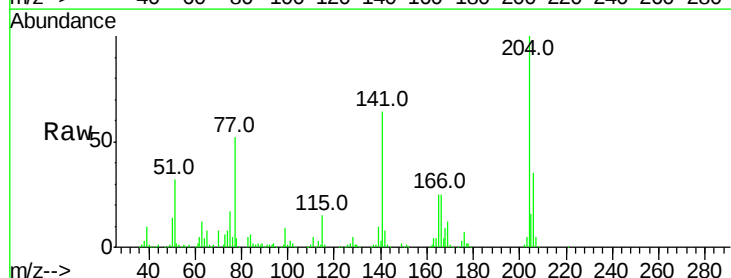
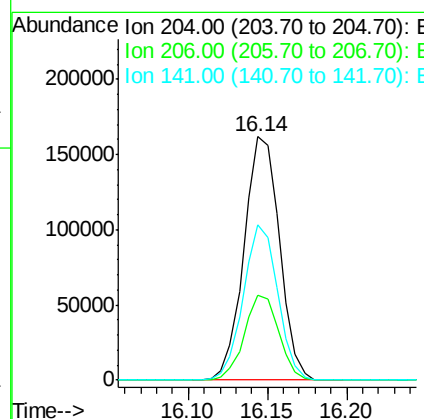
Manual Integrations
APPROVED

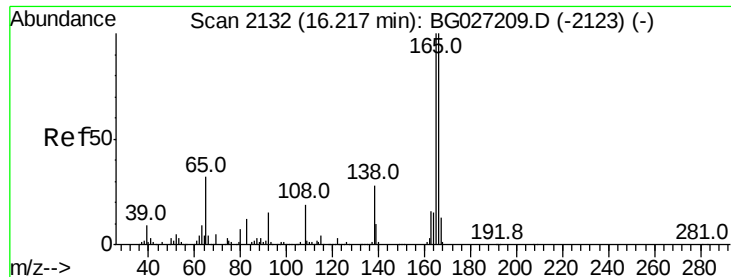
mohammad
6/14/2017 4:24:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.36 ng
RT: 16.14 min Scan# 2120
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion:	204	Resp:	251656
Ion Ratio	Lower	Upper	
204	100		
206	34.6	30.1	45.1
141	63.6	50.6	76.0





#61

4-Nitroaniline

Concen: 51.52 ng

RT: 16.18 min Scan# 2126

Delta R.T. -0.04 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

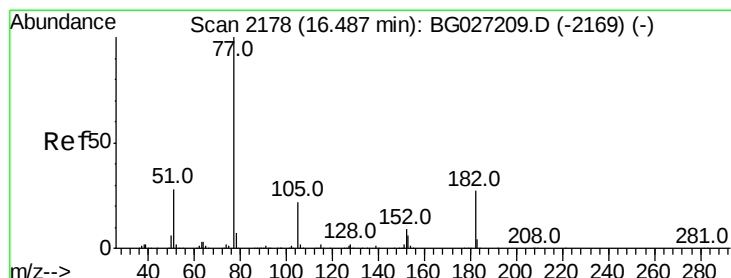
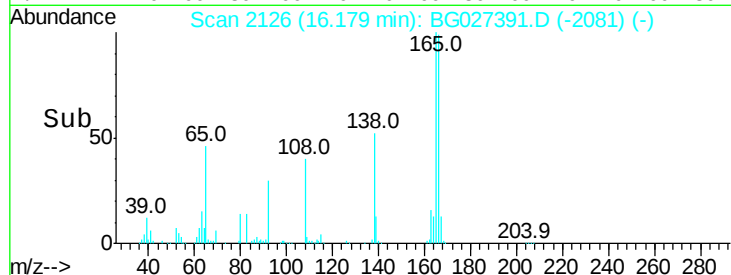
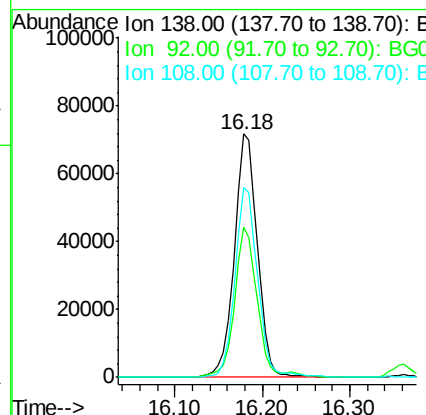
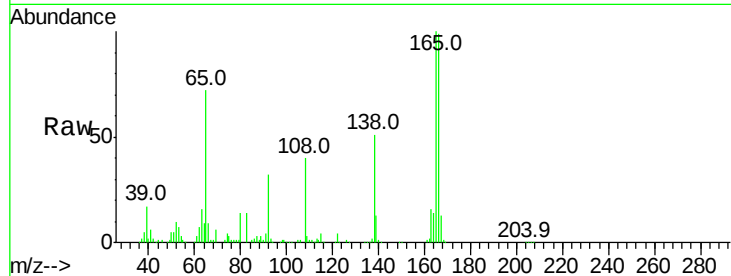
ClientSampleId :

PB99729BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	61.9	44.2	84.2	
108	78.0	104.8	144.8	

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#62

Azobenzene

Concen: 53.56 ng

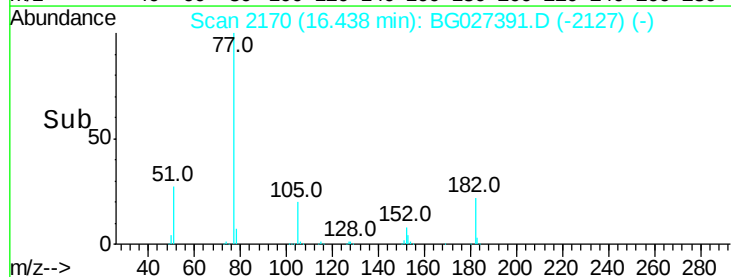
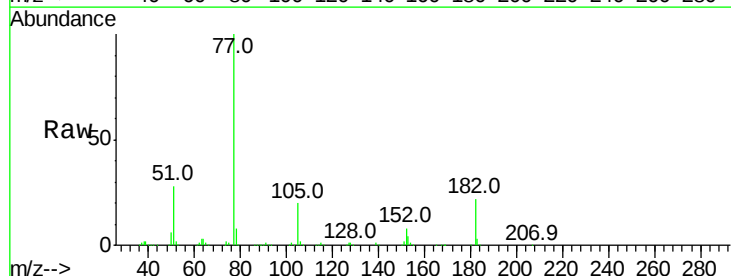
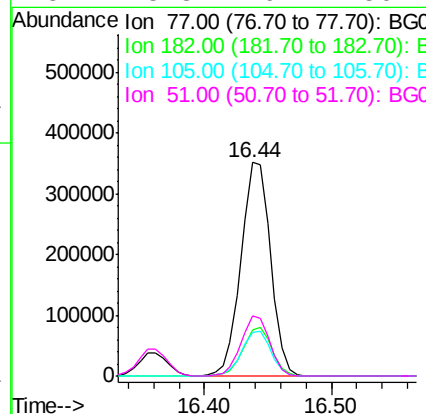
RT: 16.44 min Scan# 2170

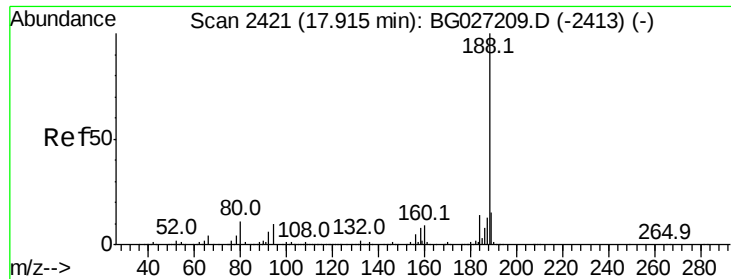
Delta R.T. -0.05 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	21.6	4.7	44.7	
105	20.3	0.0	36.3	
51	28.3	16.4	56.4	





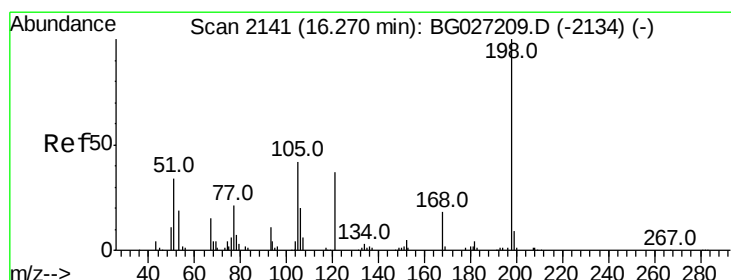
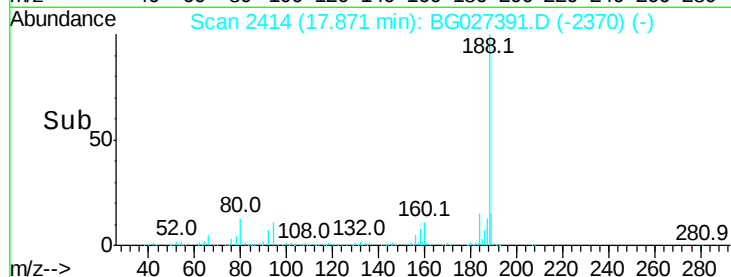
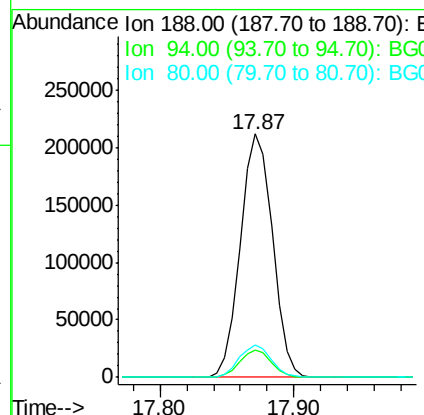
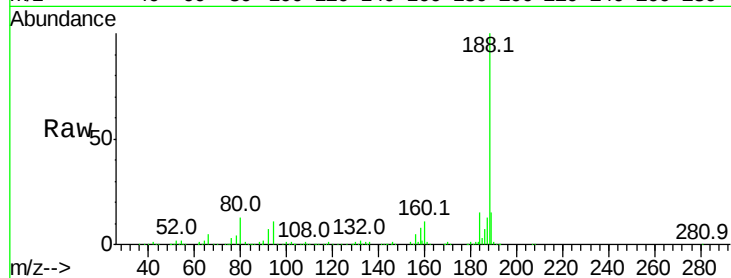
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.2	5.8	8.8#	
80	13.2	7.5	11.3#	

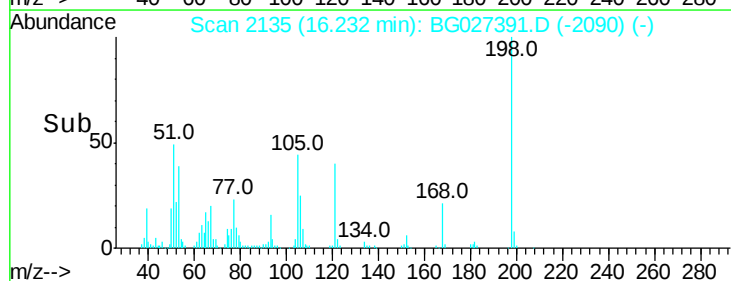
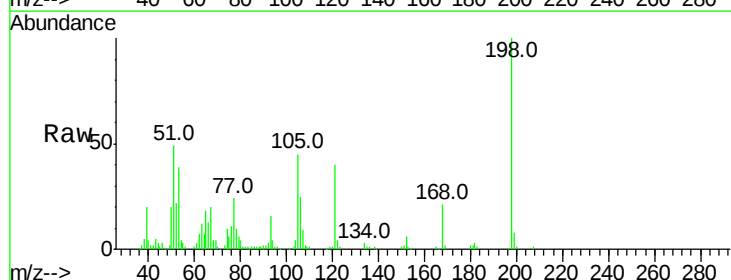
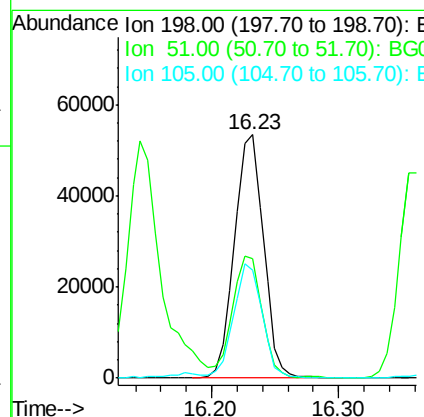
Manual Integrations
APPROVED

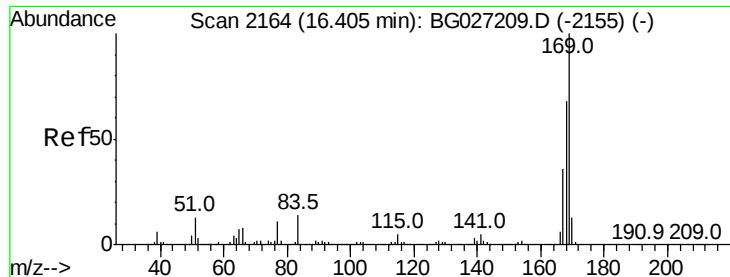
mohammad
6/14/2017 4:24:04 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 52.26 ng
RT: 16.23 min Scan# 2135
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	49.0	22.6	62.6	
105	44.6	14.4	54.4	





#65

n-Nitrosodiphenylamine

Concen: 40.94 ng

RT: 16.36 min Scan# 2157

Delta R.T. -0.04 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

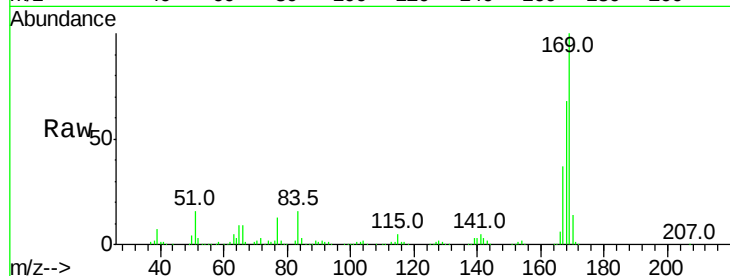
ClientSampleId :

PB99729BS

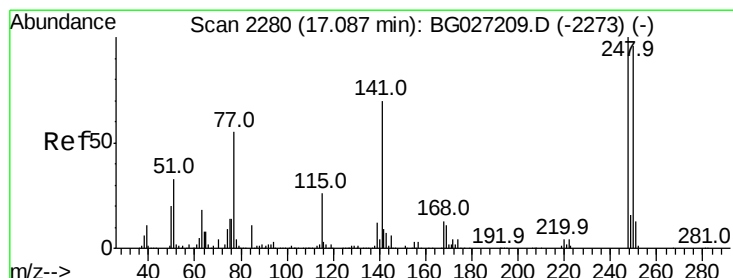
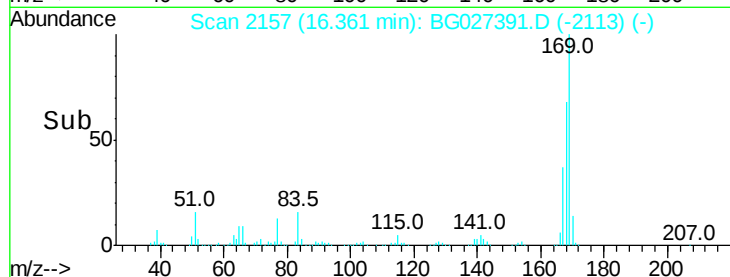
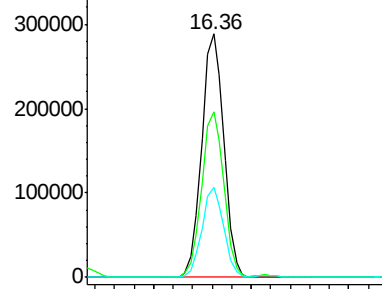
Tot Ion:	169	Resp:	453124
Ion Ratio	Lower	Upper	
169	100		
168	68.2	55.7	83.5
167	37.2	29.8	44.6

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



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



#66

4-Bromophenyl-phenylether

Concen: 40.44 ng

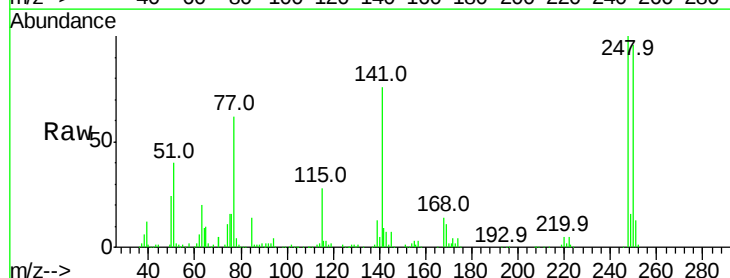
RT: 17.04 min Scan# 2273

Delta R.T. -0.04 min

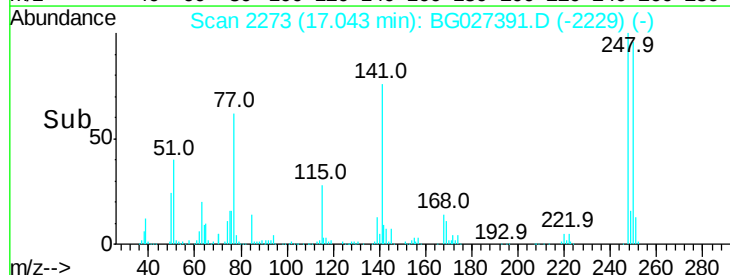
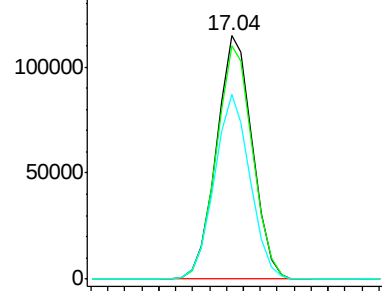
Lab File: BG027391.D

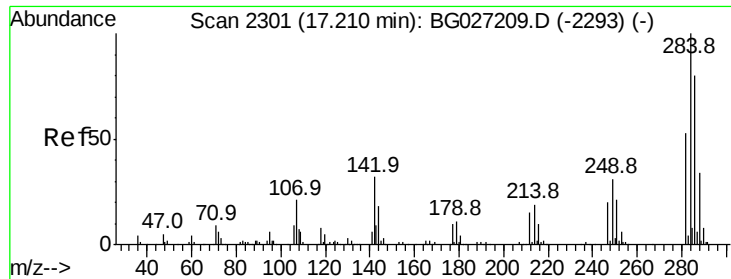
Acq: 13 Jun 2017 18:21

Tgt Ion:	248	Resp:	168956
Ion Ratio	Lower	Upper	
248	100		
250	95.6	75.0	112.6
141	75.8	55.2	82.8



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





#67

Hexachlorobenzene

Concen: 41.04 ng

RT: 17.17 min Scan# 2295

Delta R.T. -0.04 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

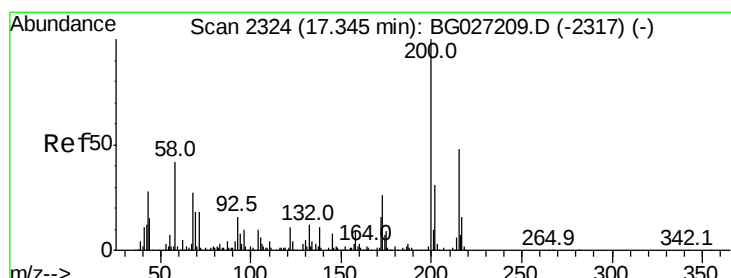
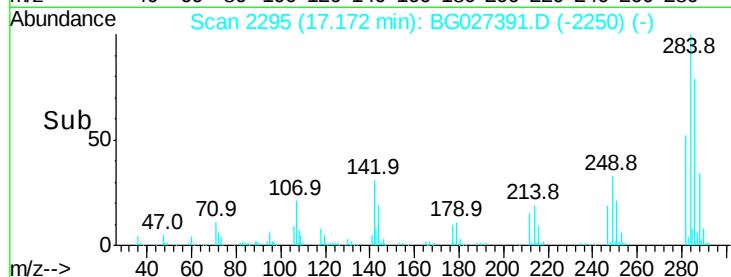
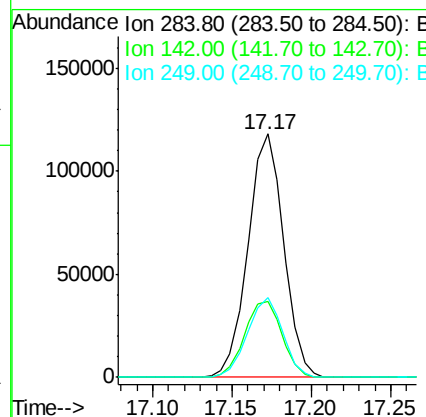
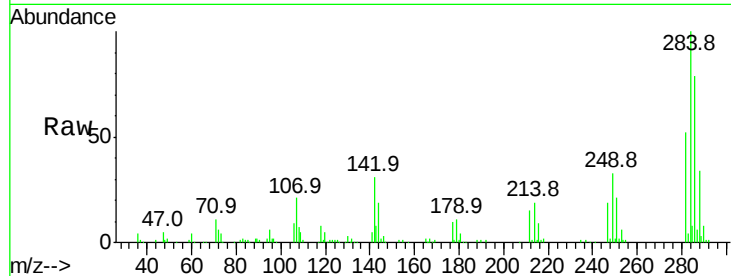
ClientSampleId :

PB99729BS

Tot Ion:	284	Resp:	184447
Ion Ratio	Lower	Upper	
284	100		
142	31.0	29.9	44.9
249	32.6	29.2	43.8

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#68

Atrazine

Concen: 44.98 ng

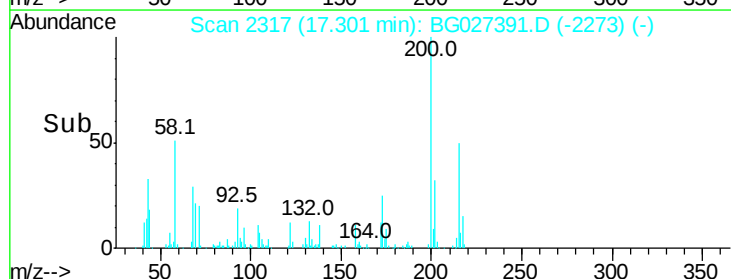
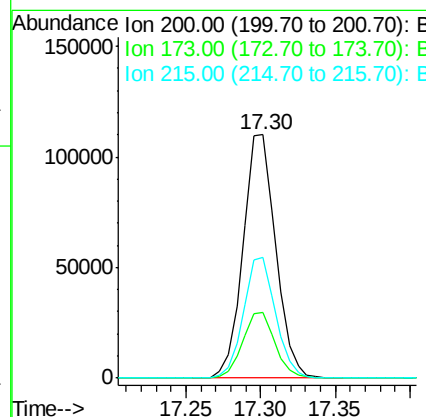
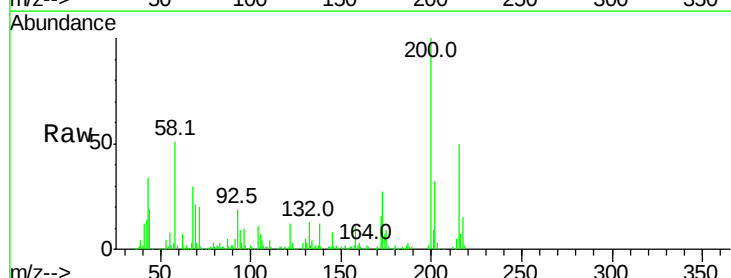
RT: 17.30 min Scan# 2317

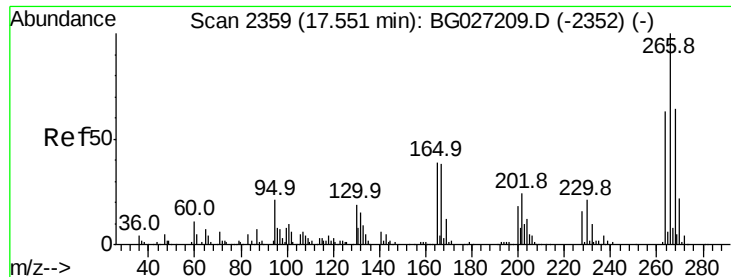
Delta R.T. -0.04 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Tgt Ion:	200	Resp:	166481
Ion Ratio	Lower	Upper	
200	100		
173	27.1	3.0	43.0
215	49.7	28.4	68.4





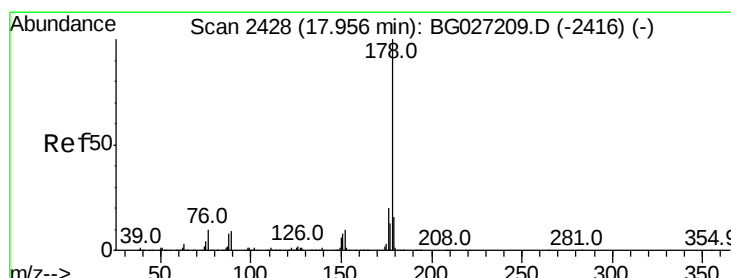
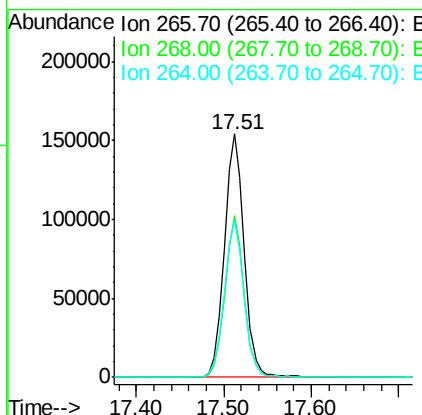
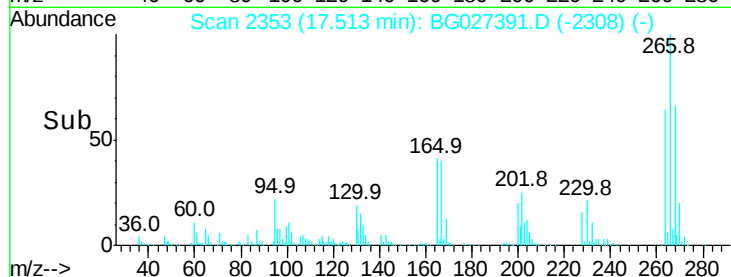
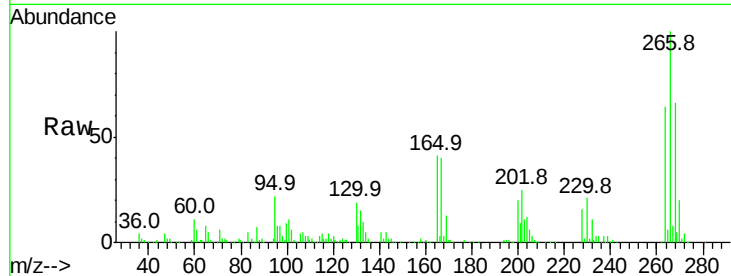
#69
 Pentachlorophenol
 Concen: 91.15 ng
 RT: 17.51 min Scan# 2353
 Delta R.T. -0.04 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB99729BS

Tot Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.4	48.6	72.8
264	64.2	50.1	75.1

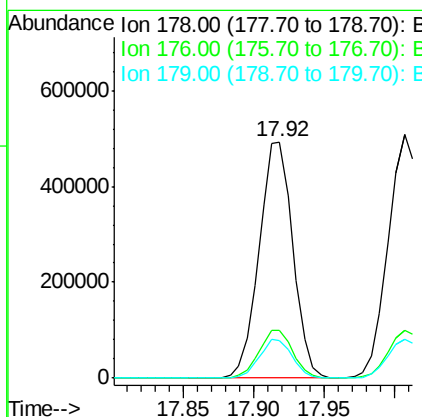
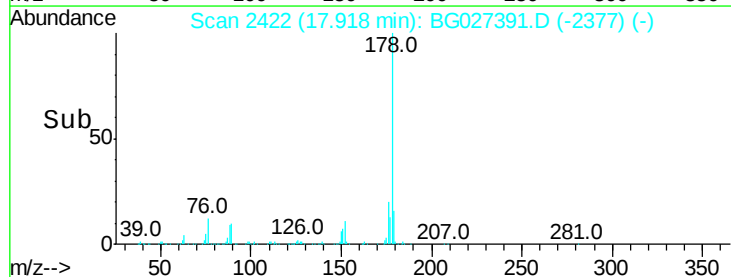
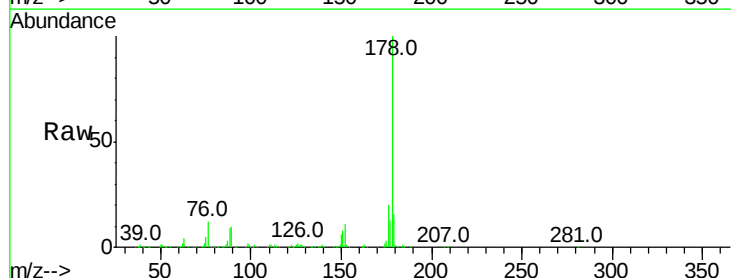
Manual Integrations
 APPROVED

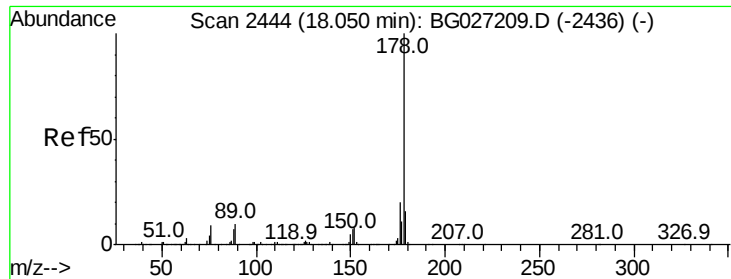
mohammad
 6/14/2017 4:24:04 PM



#70
 Phenanthrene
 Concen: 41.73 ng
 RT: 17.92 min Scan# 2422
 Delta R.T. -0.04 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.3	17.7	26.5
179	15.8	15.0	22.6





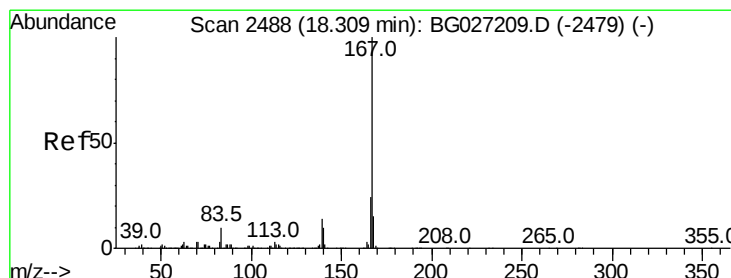
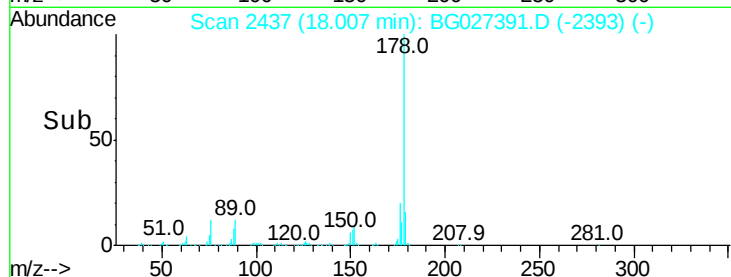
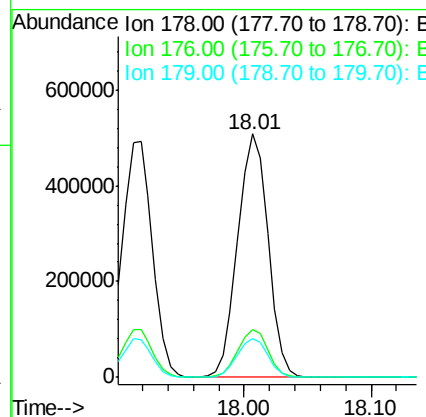
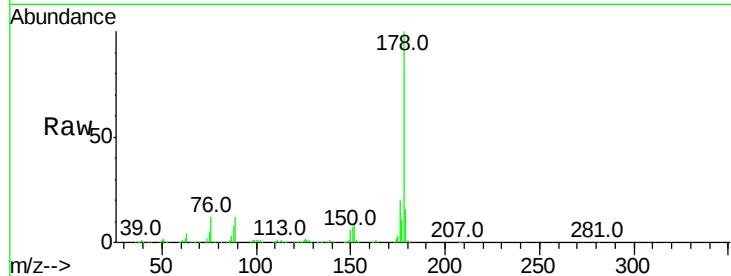
#71
 Anthracene
 Concen: 42.26 ng
 RT: 18.01 min Scan# 2437
 Delta R.T. -0.04 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB99729BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	840905		
176	19.7		16.4	24.6
179	16.2		13.8	20.8

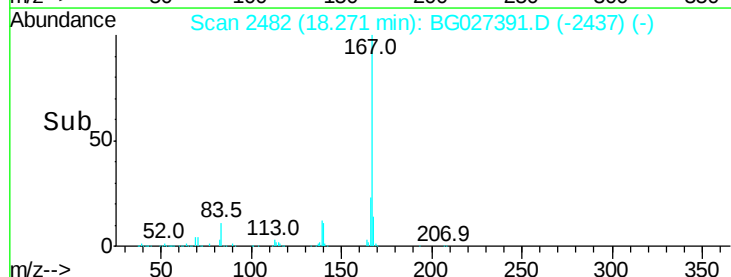
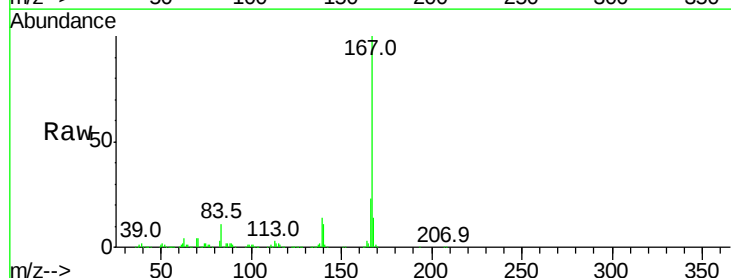
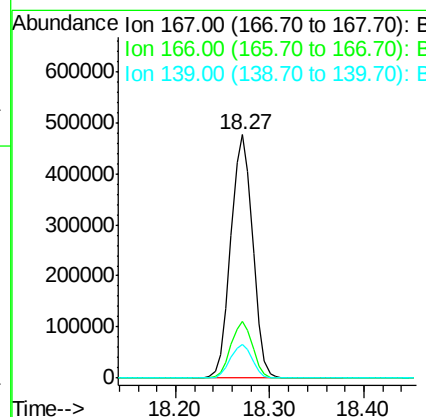
Manual Integrations
 APPROVED

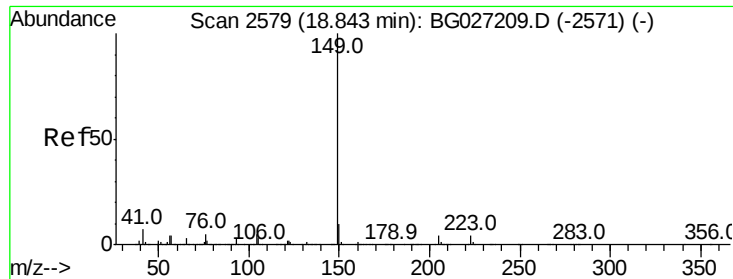
mohammad
 6/14/2017 4:24:04 PM



#72
 Carbazole
 Concen: 41.06 ng
 RT: 18.27 min Scan# 2482
 Delta R.T. -0.04 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	770519		
166	23.4		20.2	30.2
139	13.7		12.8	19.2





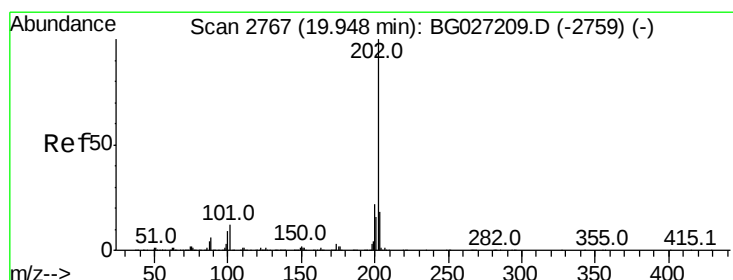
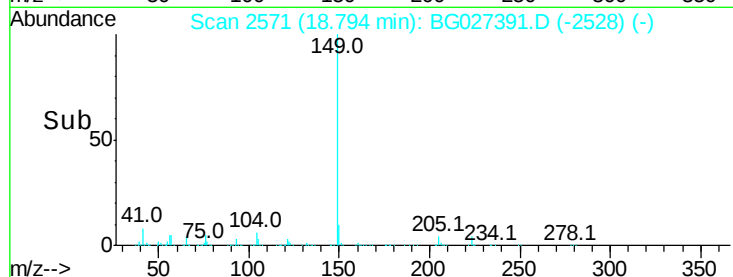
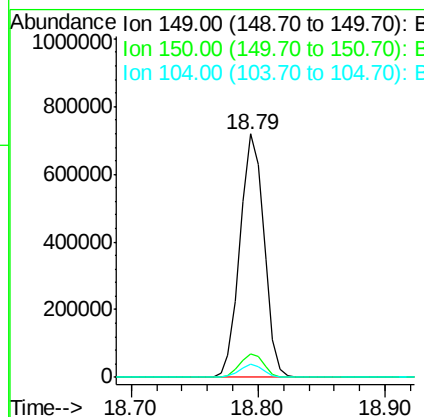
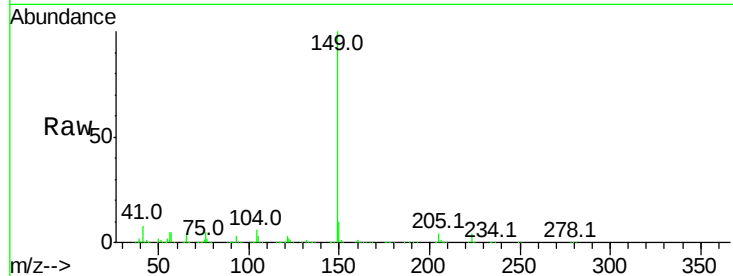
#73
Di-n-butylphthalate
Concen: 51.63 ng
RT: 18.79 min Scan# 2571
Delta R.T. -0.05 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.6	9.1	13.7
104	5.5	6.7	10.1

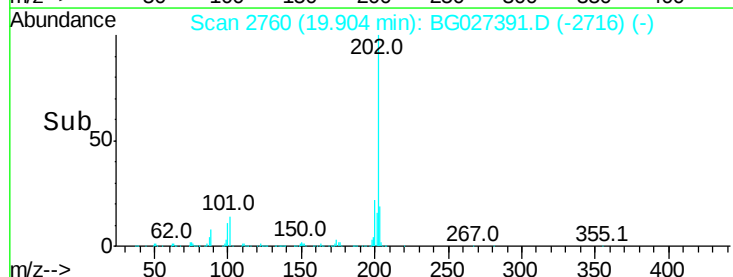
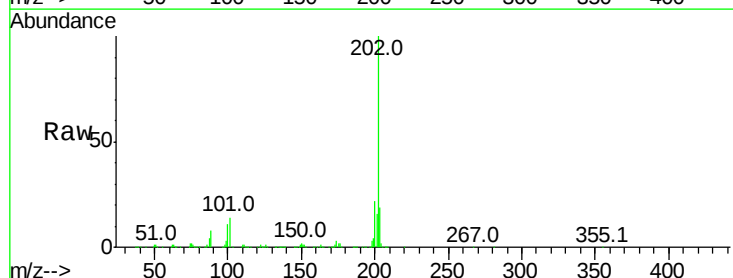
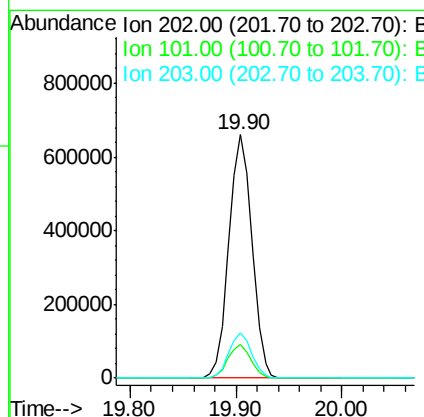
Manual Integrations
APPROVED

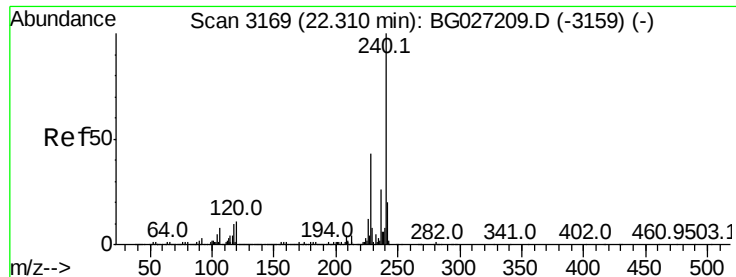
mohammad
6/14/2017 4:24:04 PM



#74
Fluoranthene
Concen: 46.73 ng
RT: 19.90 min Scan# 2760
Delta R.T. -0.04 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	0.0	30.1
203	18.8	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.25 min Scan# 3160

Delta R.T. -0.06 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

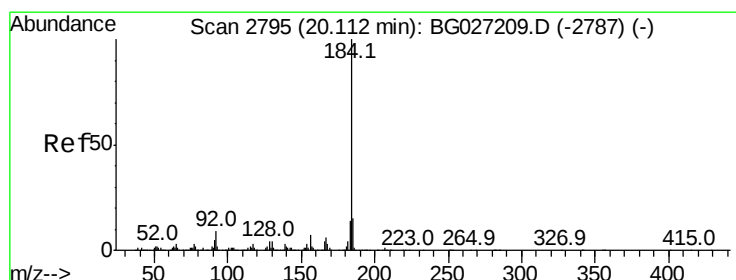
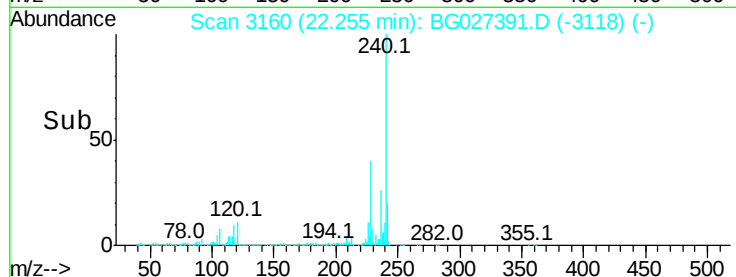
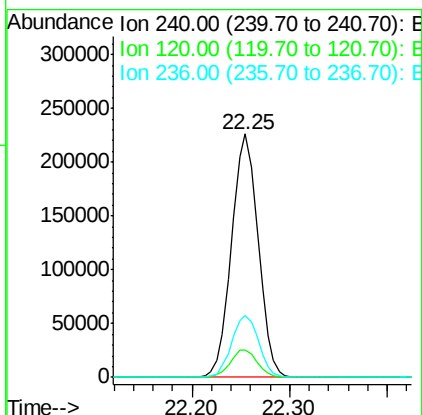
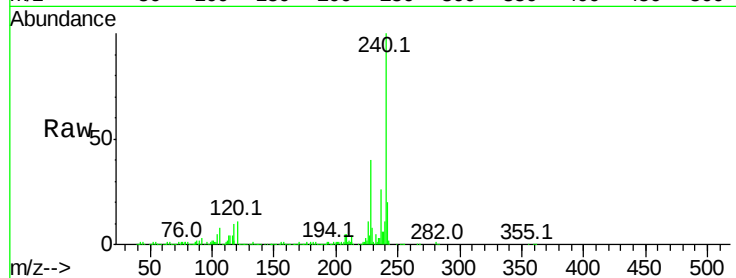
ClientSampleId :

PB99729BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.7	8.5#
236	25.7	22.2	33.4

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#76

Benzidine

Concen: 40.07 ng

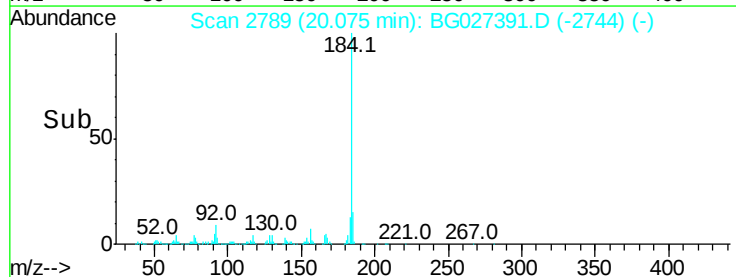
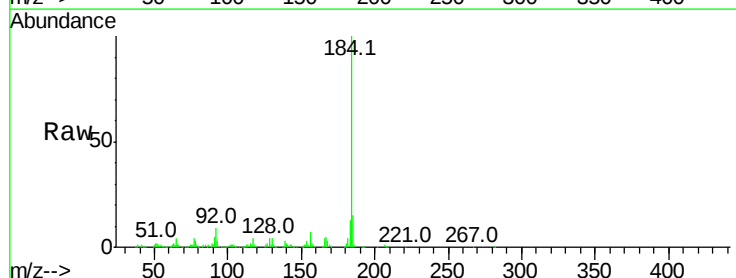
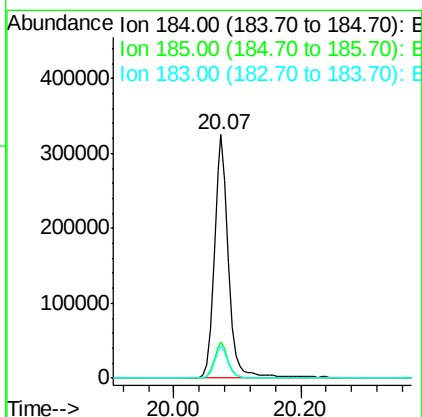
RT: 20.07 min Scan# 2789

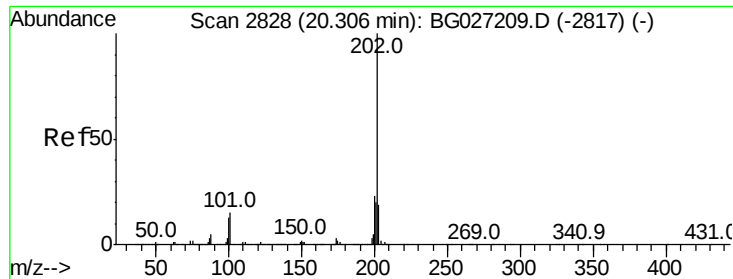
Delta R.T. -0.04 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.0	19.6
183	13.4	11.0	16.6





#77

Pvrene

Concen: 39.28 ng

RT: 20.27 min Scan# 2822

Delta R.T. -0.04 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

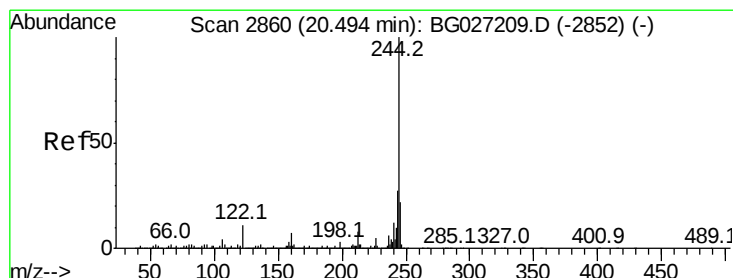
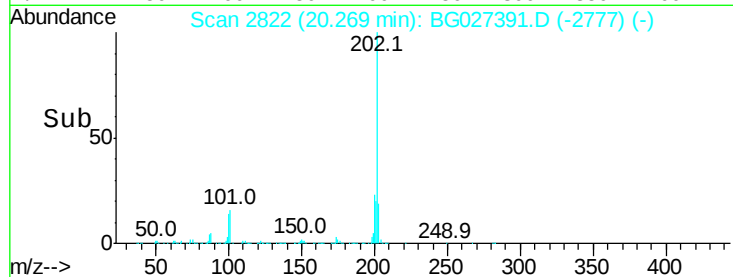
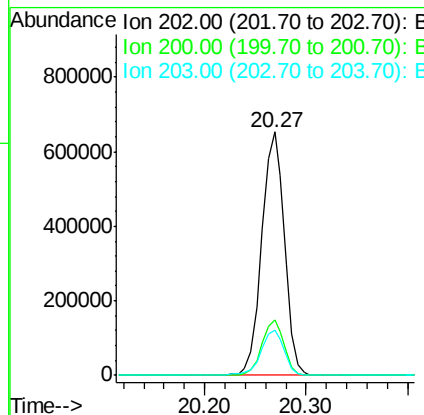
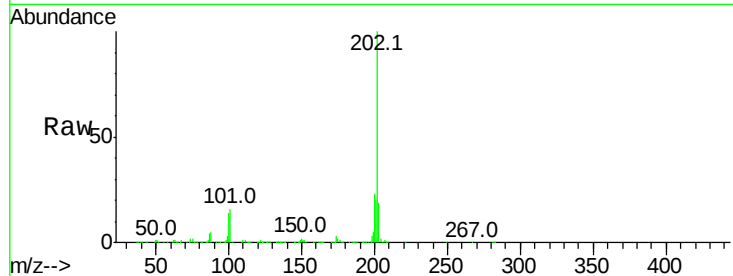
ClientSampleId :

PB99729BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	19.6	29.4
203	18.6	15.8	23.8

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#78

Terphenyl-d14

Concen: 88.82 ng

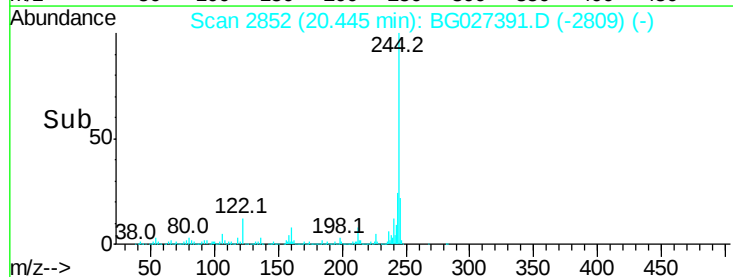
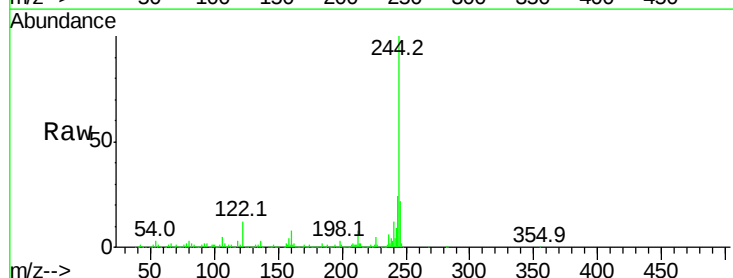
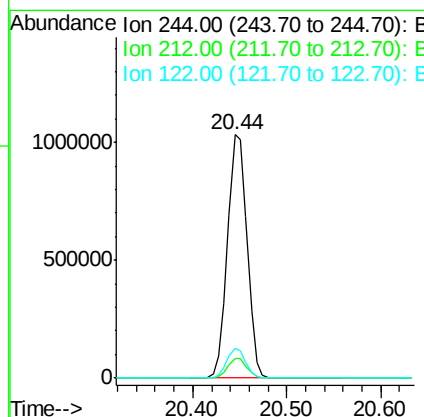
RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	12.1	8.6	12.8





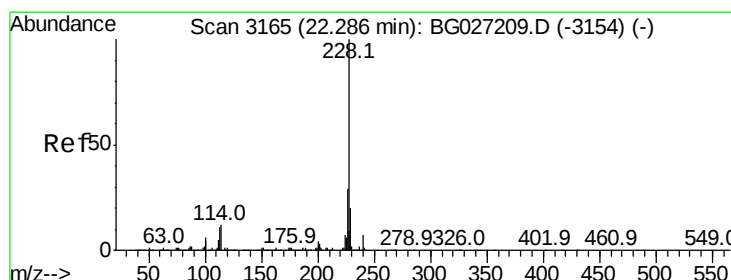
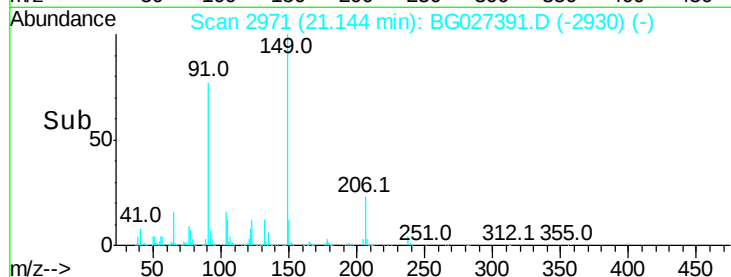
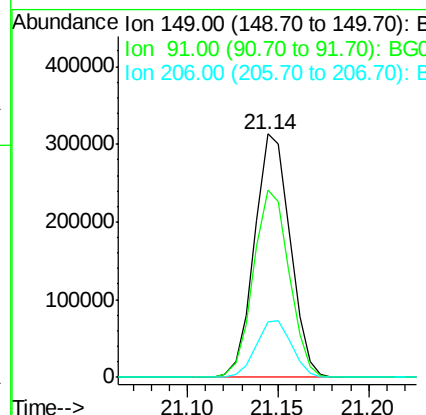
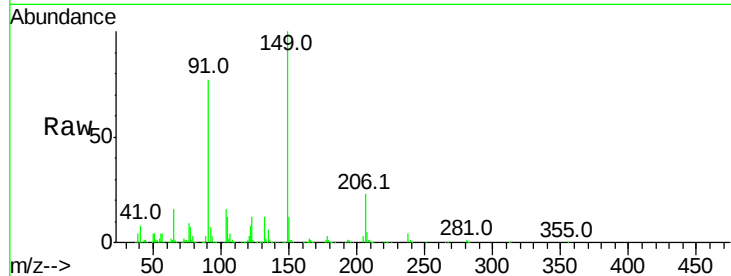
#79
Butylbenzylphthalate
Concen: 46.90 ng
RT: 21.14 min Scan# 2971
Delta R.T. -0.06 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	429356		
91	76.9	63.5	95.3	
206	22.9	21.0	31.6	

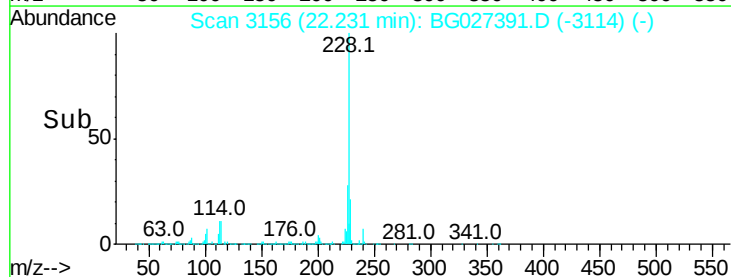
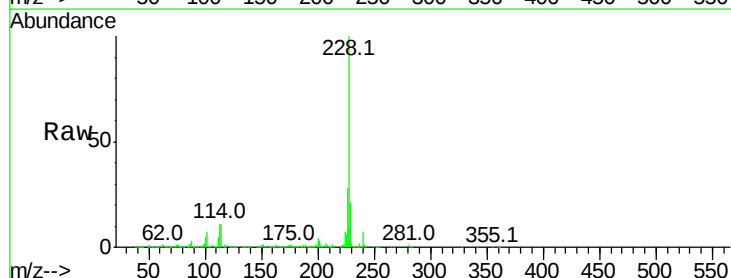
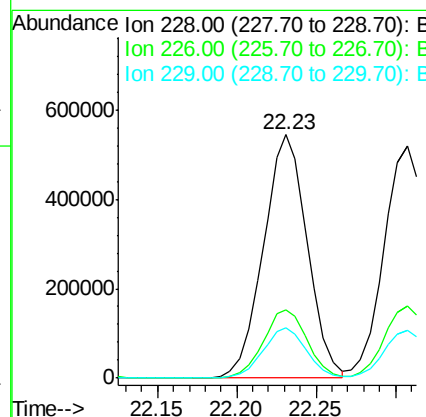
Manual Integrations
APPROVED

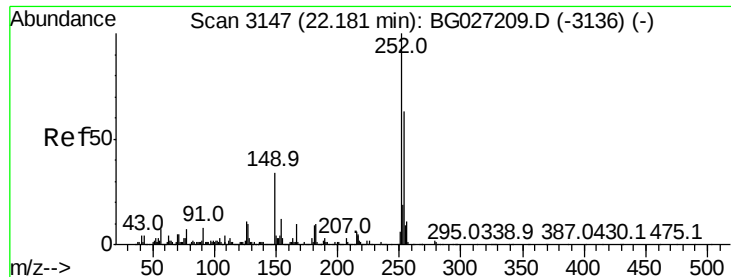
mohammad
6/14/2017 4:24:04 PM



#80
Benzo(a)anthracene
Concen: 42.60 ng
RT: 22.23 min Scan# 3156
Delta R.T. -0.06 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1041853		
226	28.1	24.9	37.3	
229	20.7	18.2	27.2	





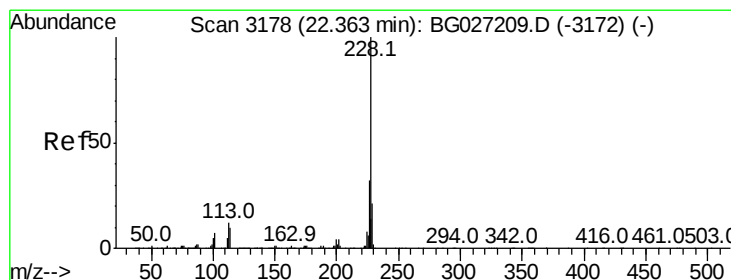
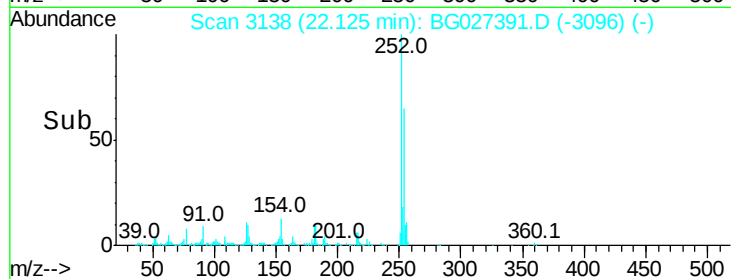
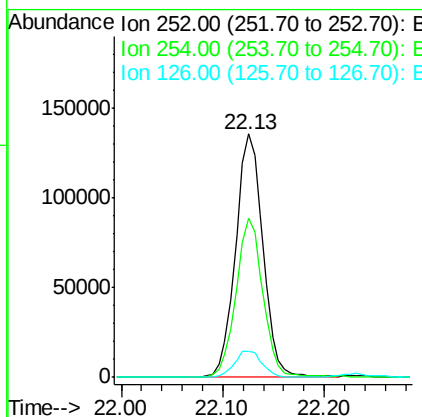
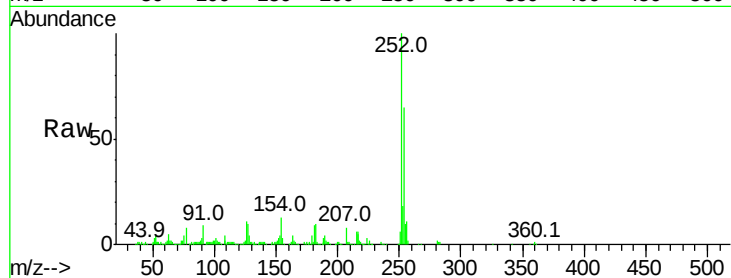
#81
 3,3'-Dichlorobenzidine
 Concen: 26.61 ng
 RT: 22.13 min Scan# 3138
 Delta R.T. -0.06 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB99729BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	53.1	79.7
126	10.7	7.0	10.4

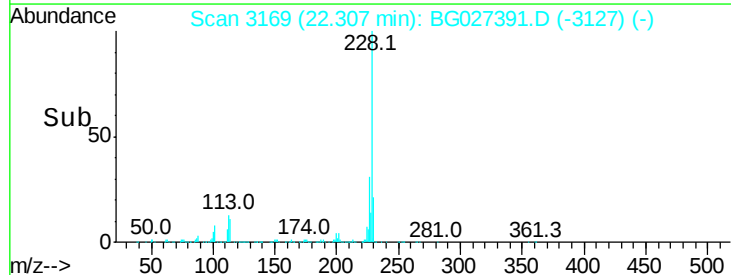
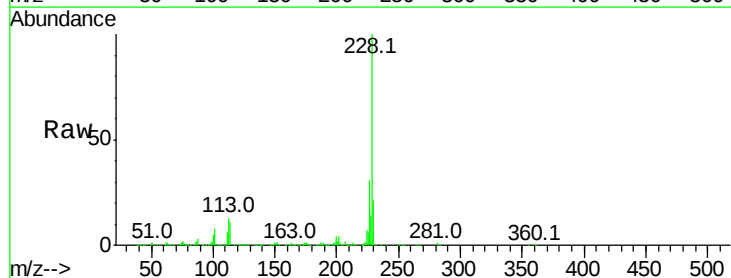
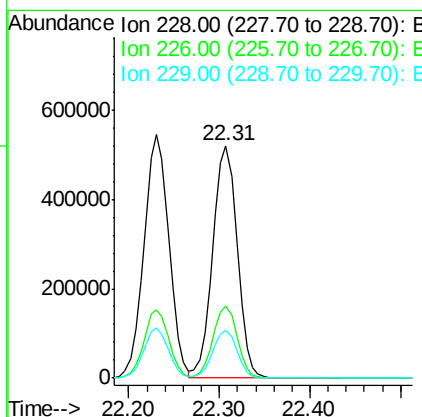
Manual Integrations
 APPROVED

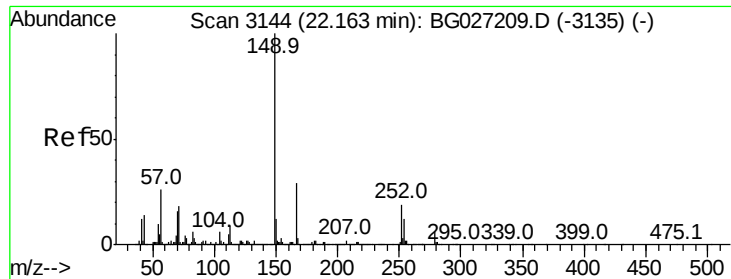
mohammad
 6/14/2017 4:24:04 PM



#82
 Chrysene
 Concen: 41.52 ng
 RT: 22.31 min Scan# 3169
 Delta R.T. -0.06 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	27.0	40.4
229	20.7	17.8	26.6





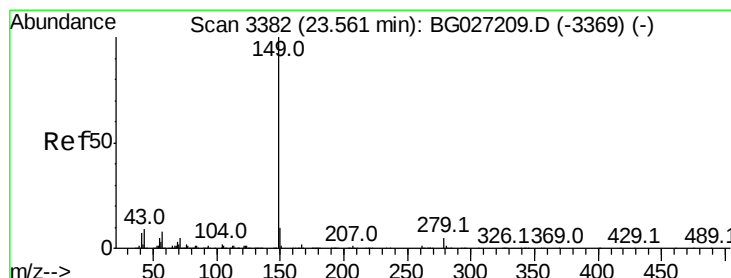
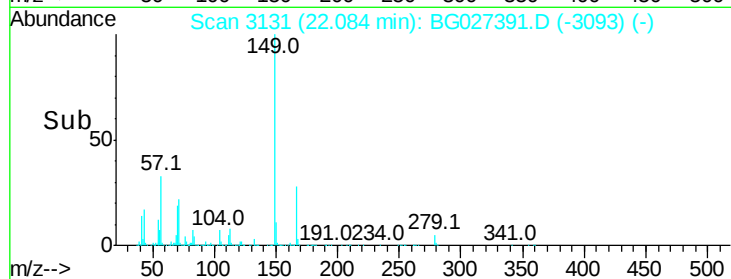
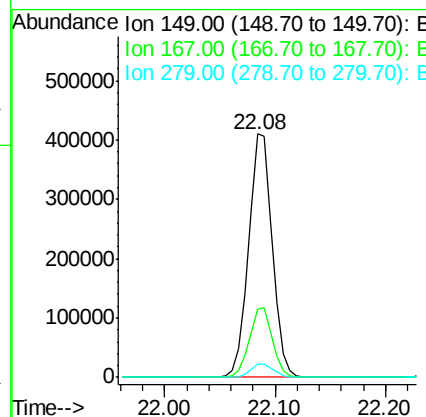
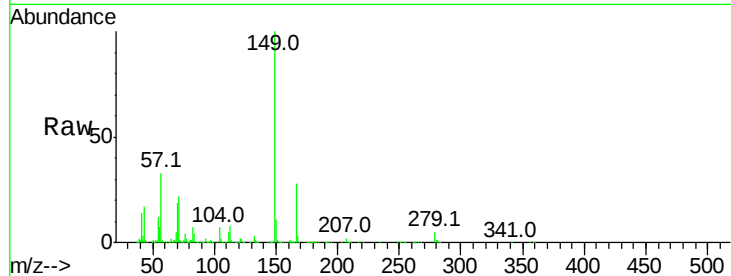
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.61 ng
 RT: 22.08 min Scan# 3131
 Delta R.T. -0.08 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB99729BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.7	35.5
279	5.2	4.6	6.8

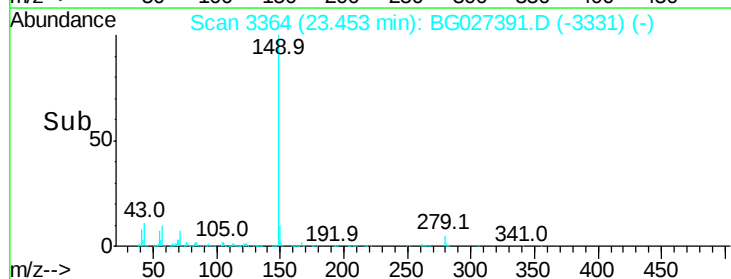
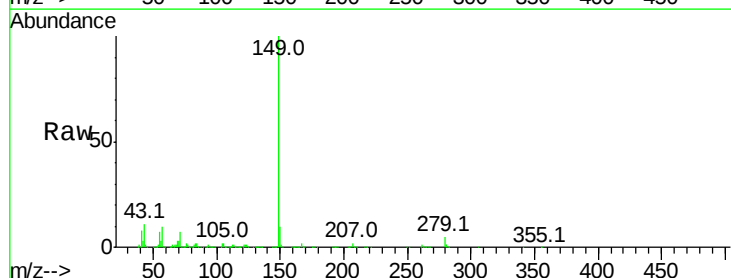
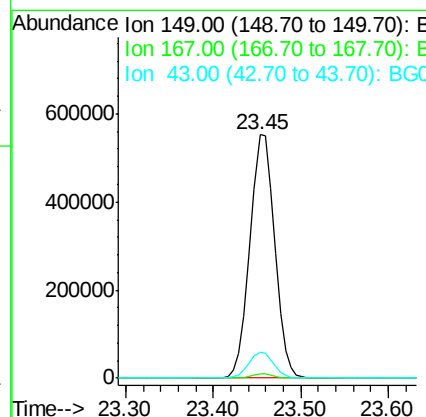
Manual Integrations
 APPROVED

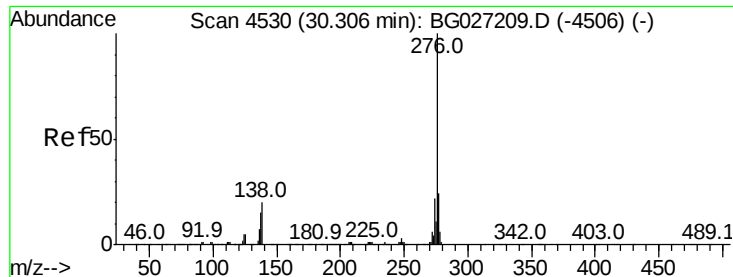
mohammad
 6/14/2017 4:24:04 PM



#84
 Di-n-octyl phthalate
 Concen: 46.06 ng
 RT: 23.45 min Scan# 3364
 Delta R.T. -0.11 min
 Lab File: BG027391.D
 Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.2
43	10.6	11.8	17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.14 ng

RT: 30.15 min Scan# 4504

Delta R.T. -0.16 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

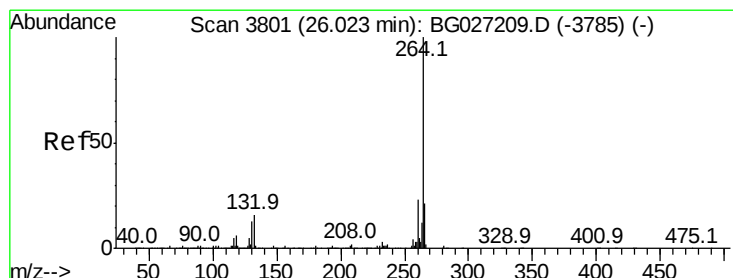
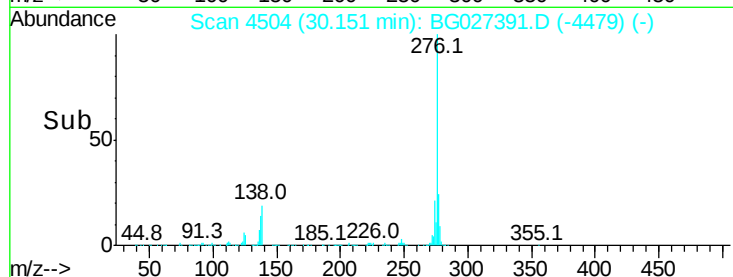
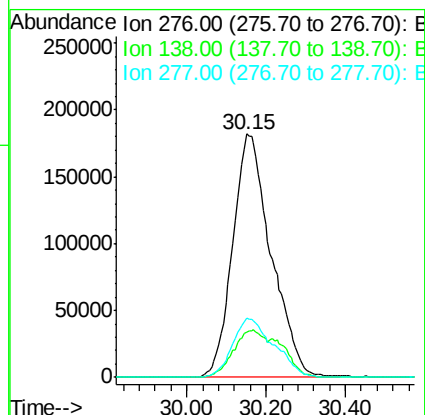
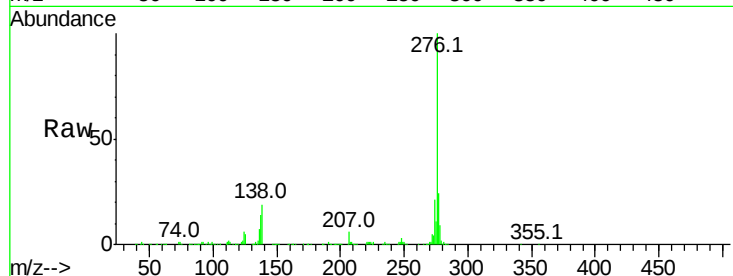
ClientSampleId :

PB99729BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	4.7	7.1#
277	26.1	20.6	31.0

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#86

Perylene-d12

Concen: 20.00 ng

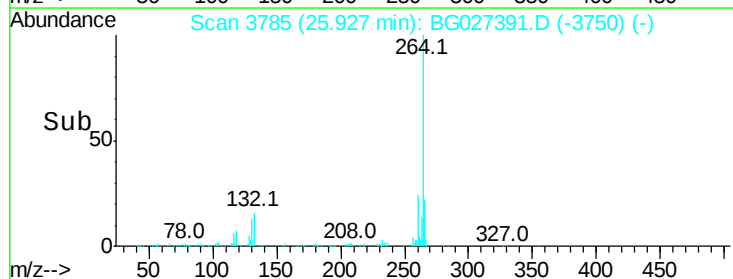
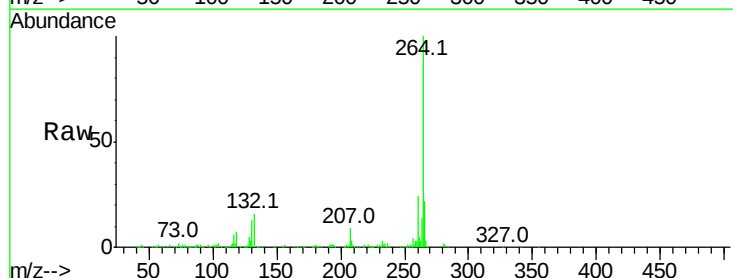
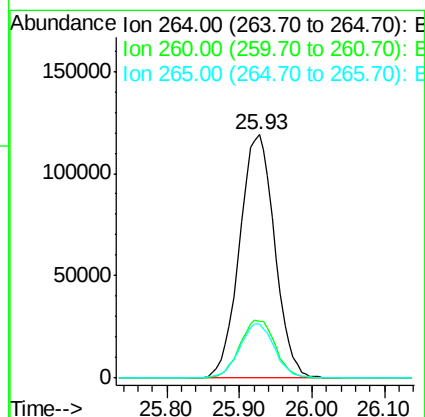
RT: 25.93 min Scan# 3785

Delta R.T. -0.10 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	22.4	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 42.29 ng

RT: 24.75 min Scan# 3585

Delta R.T. -0.08 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

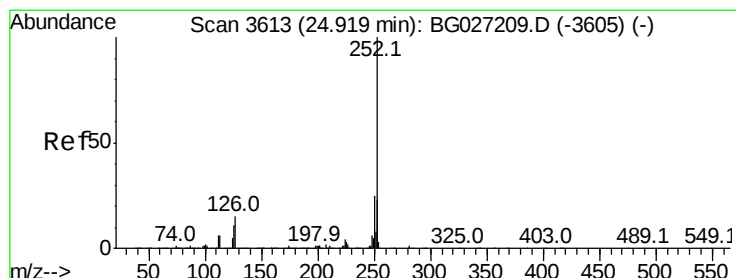
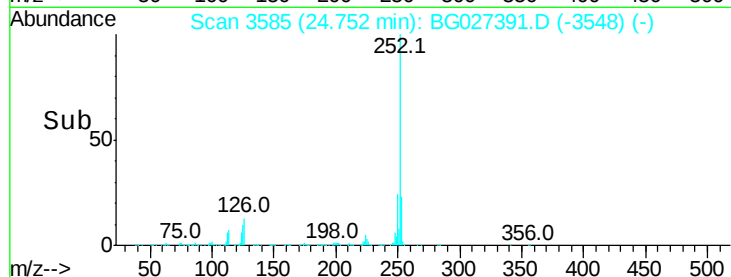
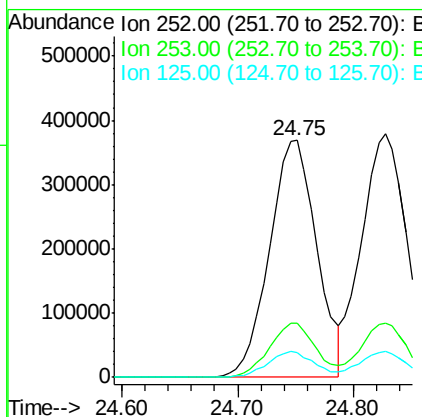
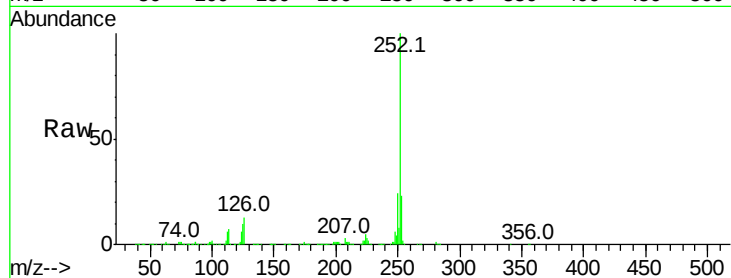
ClientSampleId :

PB99729BS

Tot Ion:	252	Resp:	1050503
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.7	28.1
125	10.2	5.3	7.9#

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM



#88

Benzo(k)fluoranthene

Concen: 42.64 ng

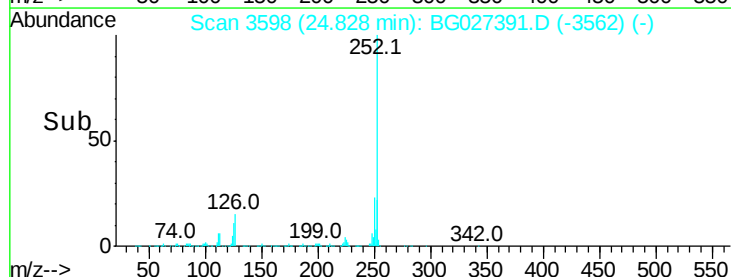
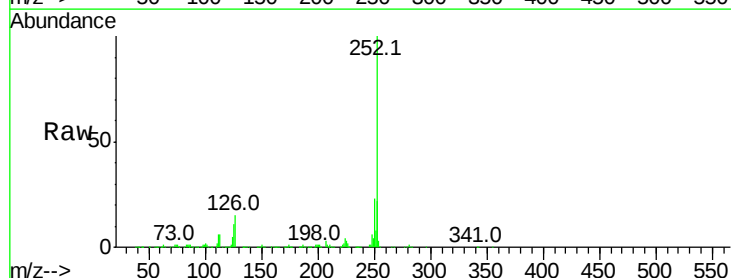
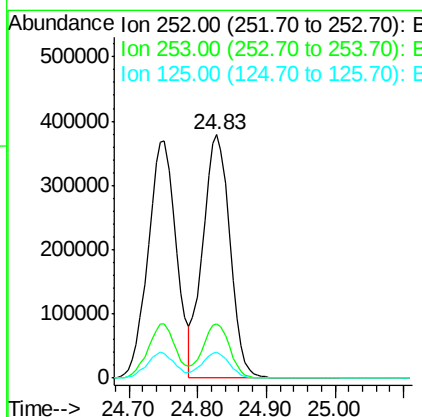
RT: 24.83 min Scan# 3598

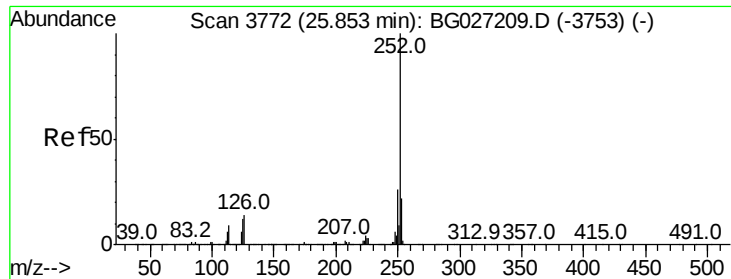
Delta R.T. -0.09 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Tgt Ion:	252	Resp:	1039180
Ion Ratio	Lower	Upper	
252	100		
253	22.4	20.2	30.2
125	10.8	5.1	7.7#





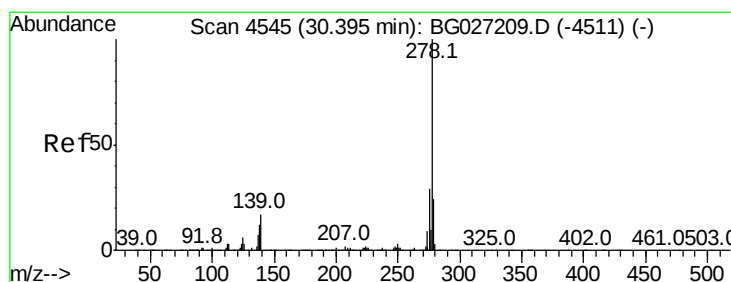
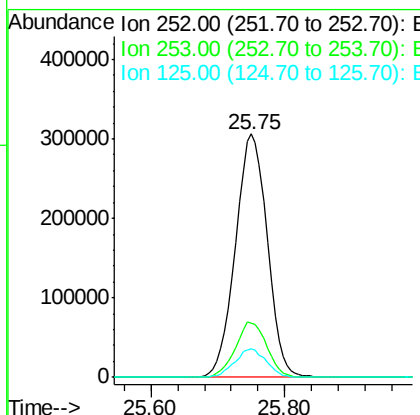
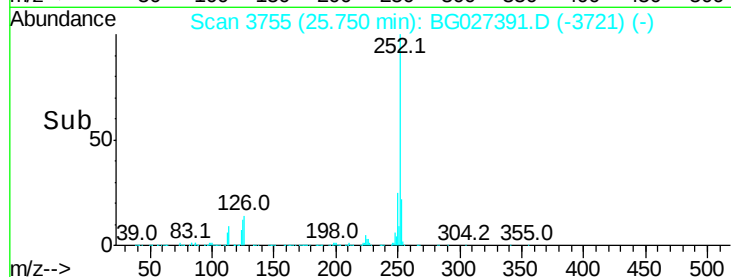
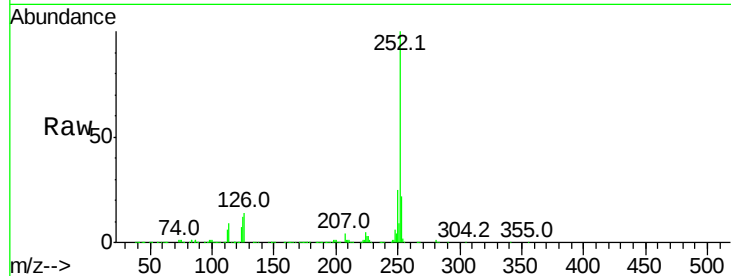
#89
Benzo(a)pyrene
Concen: 43.25 ng
RT: 25.75 min Scan# 3755
Delta R.T. -0.10 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Instrument :
BNA_G
ClientSampleId :
PB99729BS

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

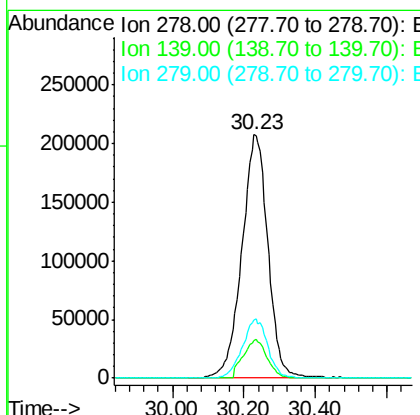
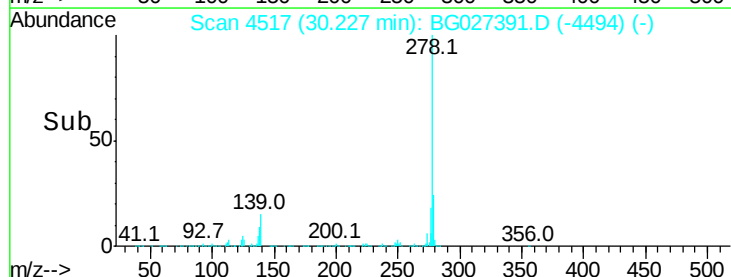
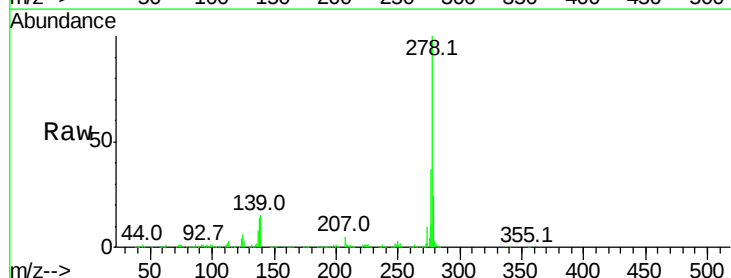
Manual Integrations
APPROVED

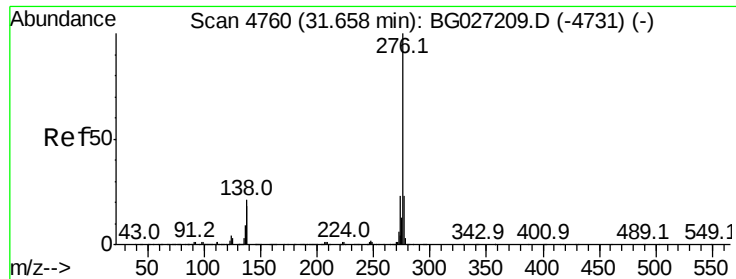
mohammad
6/14/2017 4:24:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.03 ng
RT: 30.23 min Scan# 4517
Delta R.T. -0.17 min
Lab File: BG027391.D
Acq: 13 Jun 2017 18:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	7.7	11.5
279	23.8	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 42.01 ng

RT: 31.48 min Scan# 4731

Delta R.T. -0.17 min

Lab File: BG027391.D

Acq: 13 Jun 2017 18:21

Instrument :

BNA_G

ClientSampleId :

PB99729BS

Tot Ion:	276	Resp:	996096
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.6	27.8
138	20.8	8.1	12.1#

Manual Integrations
APPROVED

mohammad
6/14/2017 4:24:04 PM

