

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062817\
 Data File : BG027714.D
 Acq On : 28 Jun 2017 18:11
 Operator : SJ/JU
 Sample : PB100116BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Manual Integrations
 APPROVED

mohammad
 6/29/2017 4:48:40 PM

Quant Time: Jun 29 06:53:27 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	30336	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	159181	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	107808	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	284065	20.00	ng	0.00
75) Chrysene-d12	22.18	240	291431	20.00	ng	0.00
86) Perylene-d12	25.79	264	265221	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.06	112	308614	156.66	ng	0.00
7) Phenol-d6	7.62	99	456171	151.58	ng	0.00
23) Nitrobenzene-d5	9.64	82	258309	90.45	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	232697	157.37	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	659725	87.40	ng	0.00
78) Terphenyl-d14	20.39	244	1190310	95.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.05	88	28986	39.520	ng	# 92
3) Pyridine	4.43	79	90544	40.092	ng	# 92
4) n-Nitrosodimethylamine	4.34	42	47077	42.507	ng	# 67
6) Aniline	7.80	93	93998	26.945	ng	# 97
8) 2-Chlorophenol	8.04	128	115203	52.333	ng	# 92
9) Benzaldehyde	7.62	77	55033	30.731	ng	# 87
10) Phenol	7.65	94	157329	52.839	ng	# 79
11) bis(2-Chloroethyl)ether	7.88	93	100852	44.591	ng	# 96
12) 1,3-Dichlorobenzene	8.37	146	103499	44.201	ng	# 91
13) 1,4-Dichlorobenzene	8.51	146	106658	43.960	ng	# 93
14) 1,2-Dichlorobenzene	8.83	146	103855	44.147	ng	# 94
15) Benzyl Alcohol	8.71	79	105969	50.900	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.99	45	214974	44.563	ng	# 98
17) 2-Methylphenol	8.90	107	107716	51.134	ng	# 85
18) Hexachloroethane	9.56	117	37582	44.036	ng	# 79
19) n-Nitroso-di-n-propylamine	9.26	70	94165	43.008	ng	# 96
20) 3+4-Methylphenols	9.22	107	150113	49.415	ng	# 90
22) Acetophenone	9.29	105	166732	43.407	ng	# 89
24) Nitrobenzene	9.69	77	130449	43.693	ng	# 84
25) Isophorone	10.20	82	270388	43.438	ng	# 95
26) 2-Nitrophenol	10.40	139	62759	46.537	ng	# 80
27) 2,4-Dimethylphenol	10.43	122	129170	51.139	ng	# 92
28) bis(2-Chloroethoxy)methane	10.67	93	156551	44.361	ng	# 97
29) 2,4-Dichlorophenol	10.93	162	114838	51.879	ng	# 99
30) 1,2,4-Trichlorobenzene	11.15	180	98434	43.601	ng	# 99
31) Naphthalene	11.34	128	363186	42.904	ng	# 99
32) Benzoic acid	10.55	122	66571	44.021	ng	# 79
33) 4-Chloroaniline	11.45	127	37446	10.239	ng	# 86
34) Hexachlorobutadiene	11.62	225	54063	42.978	ng	# 98
35) Caprolactam	12.22	113	55866m	50.177	ng	# 97
36) 4-Chloro-3-methylphenol	12.53	107	157457	50.551	ng	# 87
37) 2-Methylnaphthalene	12.91	142	277080m	43.945	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	118488	41.825	ng	# 97
40) Hexachlorocyclopentadiene	13.25	237	149968	112.277	ng	# 98

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062817\
 Data File : BG027714.D
 Acq On : 28 Jun 2017 18:11
 Operator : SJ/JU
 Sample : PB100116BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

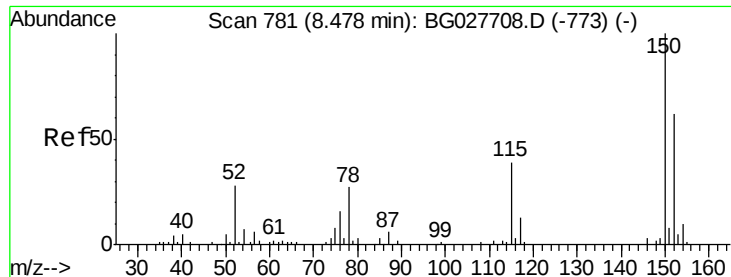
Manual Integrations
 APPROVED

mohammad
 6/29/2017 4:48:40 PM

Quant Time: Jun 29 06:53:27 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	98094	47.942	ng	97
43) 2,4,5-Trichlorophenol	13.58	196	111512	48.098	ng #	93
45) 1,1'-Biphenyl	13.90	154	377730	43.713	ng	97
46) 2-Chloronaphthalene	13.95	162	281960	43.194	ng	99
47) 2-Nitroaniline	14.15	65	123277	47.181	ng #	87
48) Acenaphthylene	14.79	152	505453	42.376	ng	96
49) Dimethylphthalate	14.50	163	429484	46.699	ng	97
50) 2,6-Dinitrotoluene	14.63	165	94854	47.446	ng #	77
51) Acenaphthene	15.13	154	315150	41.223	ng	96
52) 3-Nitroaniline	14.97	138	39978	16.998	ng #	74
53) 2,4-Dinitrophenol	15.17	184	104402	93.530	ng	91
54) Dibenzofuran	15.46	168	477443	47.231	ng	96
55) 4-Nitrophenol	15.26	139	195325	108.792	ng #	57
56) 2,4-Dinitrotoluene	15.42	165	140946	50.546	ng #	88
57) Fluorene	16.11	166	432099	44.086	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	106425m	53.251	ng	
59) Diethylphthalate	15.86	149	497671	48.870	ng	95
60) 4-Chlorophenyl-phenylether	16.09	204	196614	45.315	ng	97
61) 4-Nitroaniline	16.13	138	118701	48.444	ng #	61
62) Azobenzene	16.38	77	452703	50.590	ng	93
64) 4,6-Dinitro-2-methylphenol	16.18	198	76223	43.630	ng	83
65) n-Nitrosodiphenylamine	16.30	169	399403	43.222	ng	99
66) 4-Bromophenyl-phenylether	16.99	248	128038	43.095	ng #	89
67) Hexachlorobenzene	17.11	284	134464	42.735	ng	95
68) Atrazine	17.24	200	141105	48.367	ng	96
69) Pentachlorophenol	17.46	266	174150	86.175	ng	99
70) Phenanthrene	17.86	178	729686	44.495	ng	95
71) Anthracene	17.95	178	740969	44.745	ng	98
72) Carbazole	18.22	167	671067	41.147	ng	96
73) Di-n-butylphthalate	18.73	149	848426	47.340	ng #	94
74) Fluoranthene	19.85	202	806279	44.987	ng	93
76) Benzidine	20.02	184	274467	40.130	ng	97
77) Pyrene	20.21	202	825943	45.160	ng	97
79) Butylbenzylphthalate	21.08	149	390426	47.398	ng #	87
80) Benzo(a)anthracene	22.15	228	783298	44.456	ng	94
81) 3,3'-Dichlorobenzidine	22.05	252	150845	23.588	ng #	98
82) Chrysene	22.23	228	732386	44.346	ng	97
83) Bis(2-ethylhexyl)phthalate	22.01	149	561619	46.656	ng #	95
84) Di-n-octyl phthalate	23.35	149	955517	48.047	ng #	92
85) Indeno(1,2,3-cd)pyrene	29.95	276	867476	45.957	ng #	86
87) Benzo(b)fluoranthene	24.63	252	774284	45.314	ng #	95
88) Benzo(k)fluoranthene	24.71	252	753361	44.604	ng #	93
89) Benzo(a)pyrene	25.62	252	734179	45.790	ng #	93
90) Dibenzo(a,h)anthracene	30.02	278	735904	45.306	ng #	93
91) Benzo(g,h,i)perylene	31.26	276	700452	44.872	ng #	87

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



#1

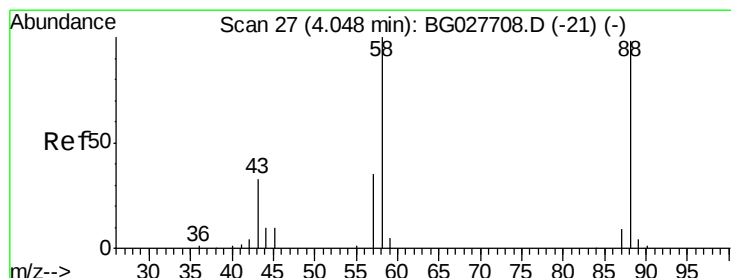
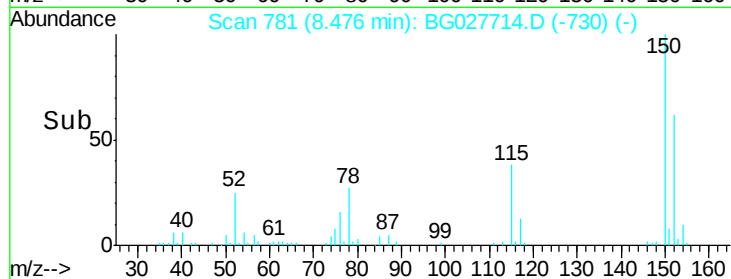
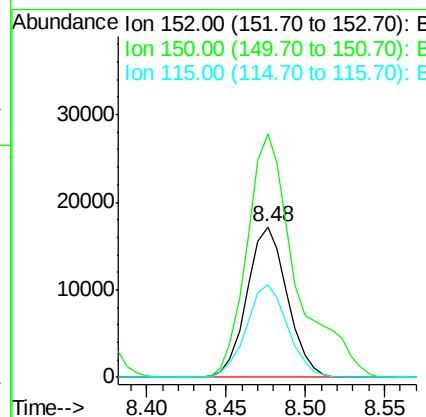
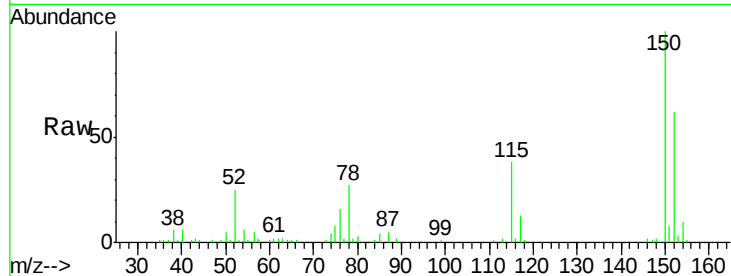
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.5	114.0	171.0
115	61.3	48.1	72.1

Manual Integrations
APPROVED

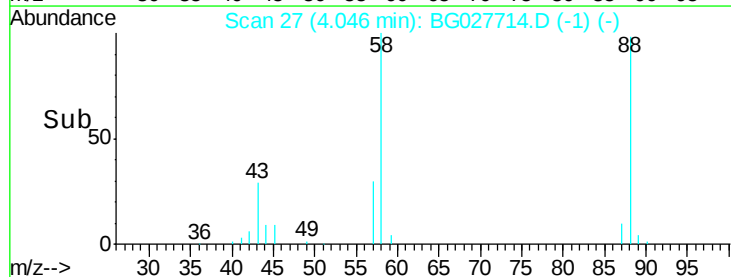
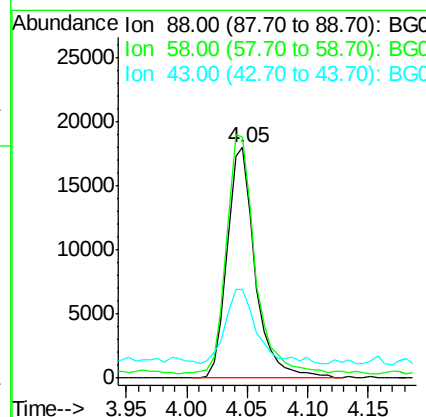
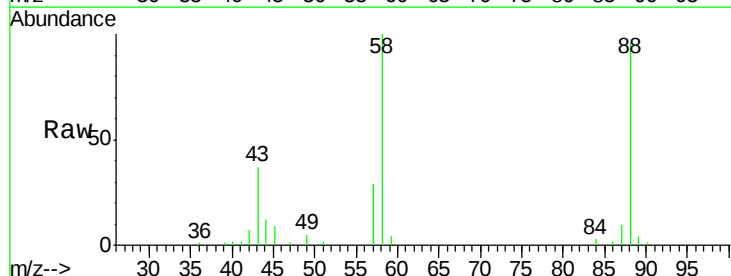
mohammad
6/29/2017 4:48:40 PM

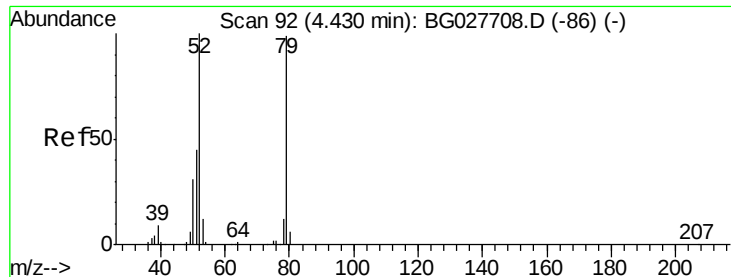


#2

1,4-Dioxane
Concen: 39.520 ng
RT: 4.05 min Scan# 27
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.8	79.4	119.2
43	33.6	33.8	50.6#





#3

Pyridine

Concen: 40.092 ng

RT: 4.43 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

Instrument :

BNA_G

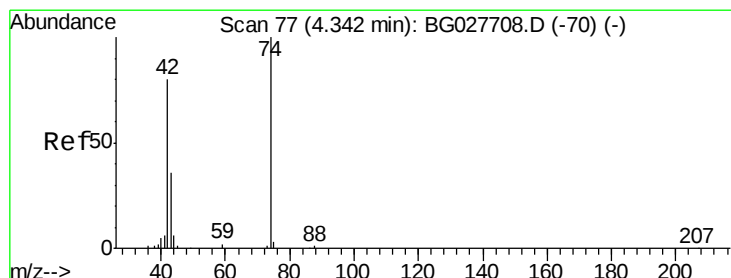
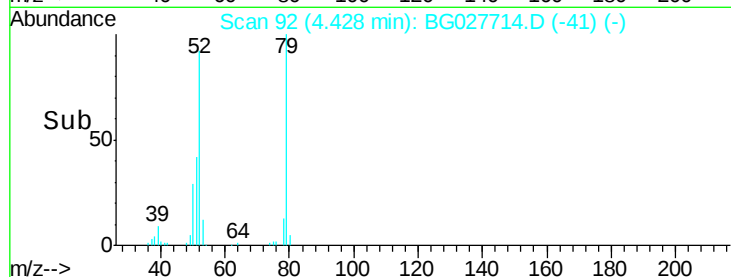
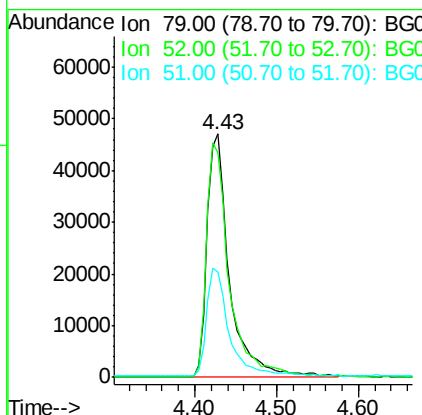
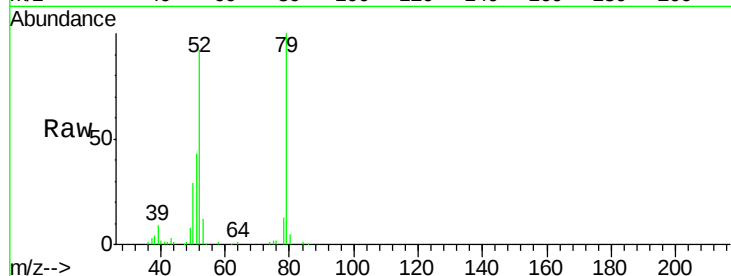
ClientSampleId :

PB100116BS

Tgt Ion:	79	Resp:	90544
Ion	Ratio	Lower	Upper
79	100		
52	92.4	77.8	116.6
51	43.4	43.2	64.8

Manual Integrations
APPROVED

mohammad
6/29/2017 4:48:40 PM



#4

n-Nitrosodimethylamine

Concen: 42.507 ng

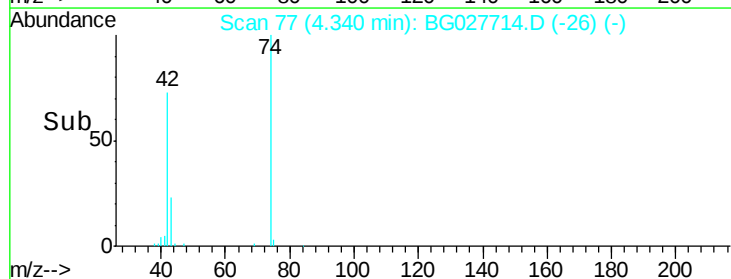
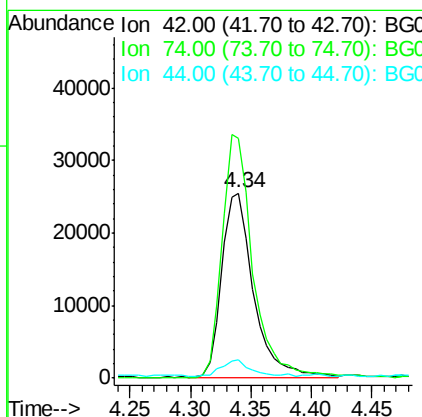
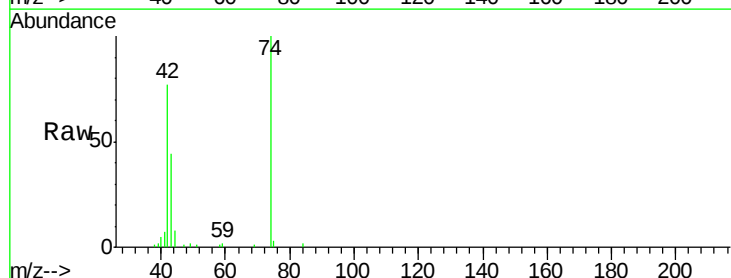
RT: 4.34 min Scan# 77

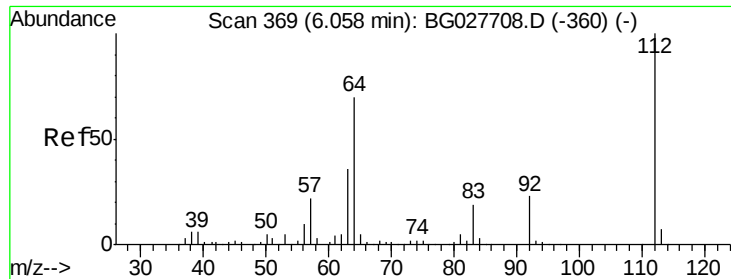
Delta R.T. -0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

Tgt Ion:	42	Resp:	47077
Ion	Ratio	Lower	Upper
42	100		
74	129.8	76.7	115.1#
44	10.0	6.1	9.1#





#5

2-Fluorophenol

Concen: 156.658 ng

RT: 6.06 min Scan# 369

Delta R.T. -0.00 min

Lab File: BG027714.D

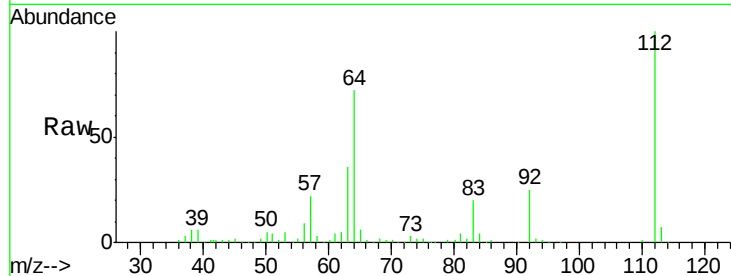
Acq: 28 Jun 2017 18:11

Instrument :

BNA_G

ClientSampleId :

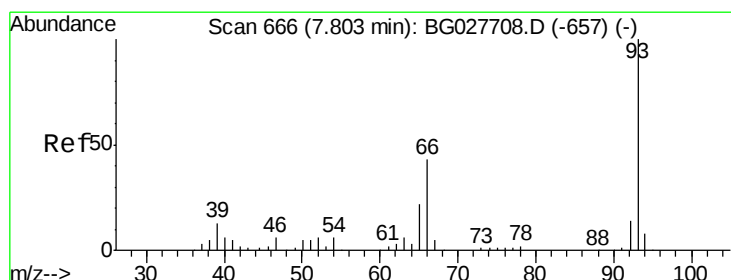
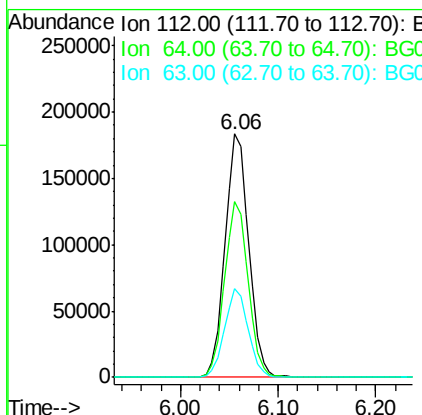
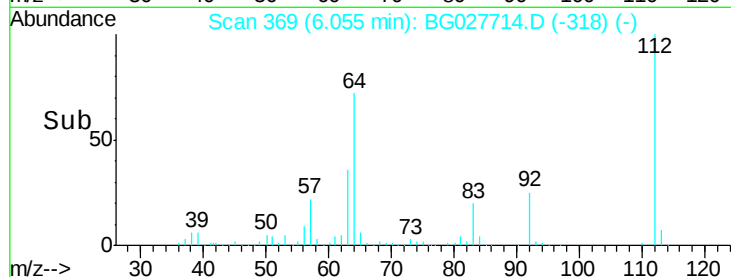
PB100116BS



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	308614		
64	72.0	61.8	92.6	
63	36.2	37.2	55.8	

Manual Integrations
APPROVED

mohammad
6/29/2017 4:48:40 PM



#6

Aniline

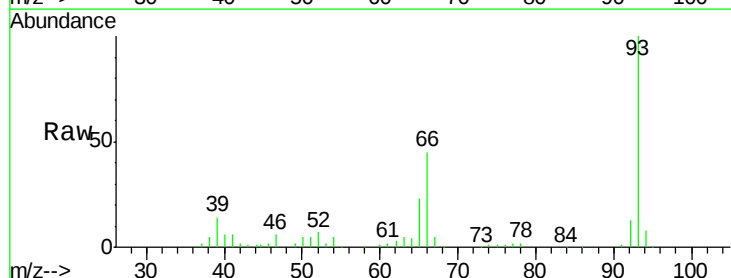
Concen: 26.945 ng

RT: 7.80 min Scan# 666

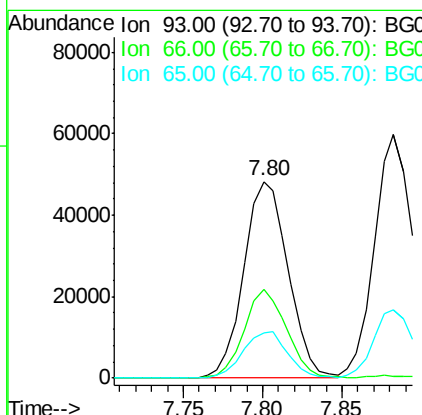
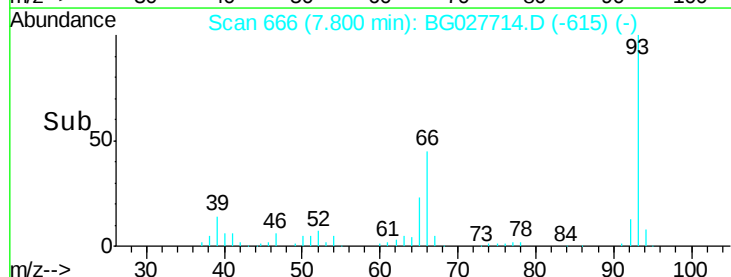
Delta R.T. -0.00 min

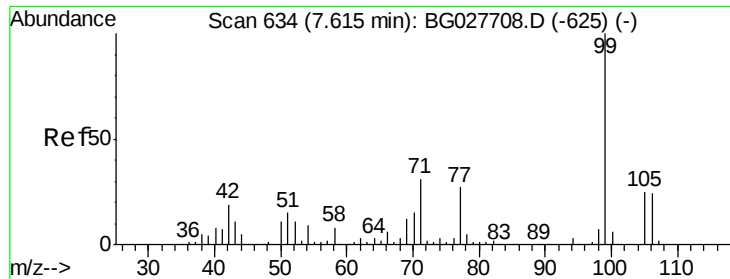
Lab File: BG027714.D

Acq: 28 Jun 2017 18:11



Tgt Ion	Ratio	Resp	Lower	Upper
93	100	93998		
66	44.8	35.4	53.2	
65	22.9	21.2	31.8	





#7

Phenol-d6

Concen: 151.575 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

Instrument :

BNA_G

ClientSampleId :

PB100116BS

Tgt Ion: 99 Resp: 456171

Ion Ratio Lower Upper

99 100

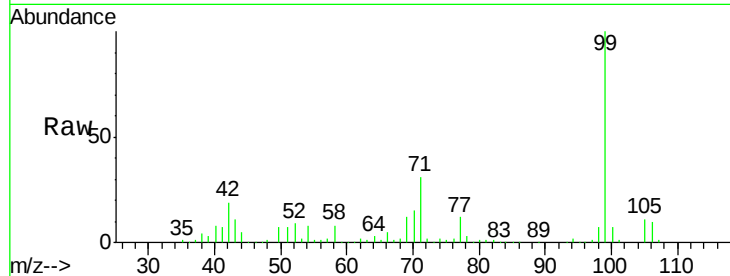
42 18.9 20.5 30.7#

71 30.8 37.6 56.4#

Manual Integrations
APPROVED

mohammad

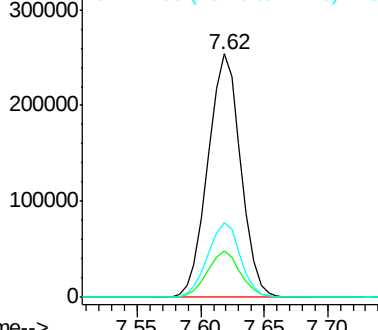
6/29/2017 4:48:40 PM



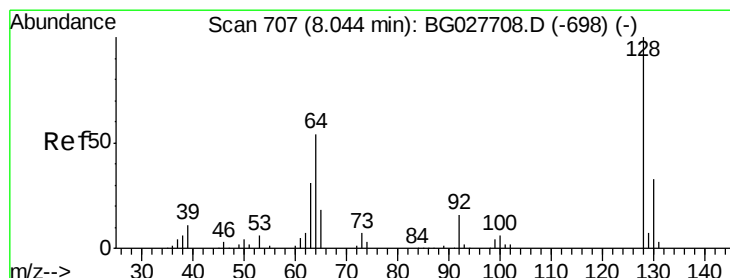
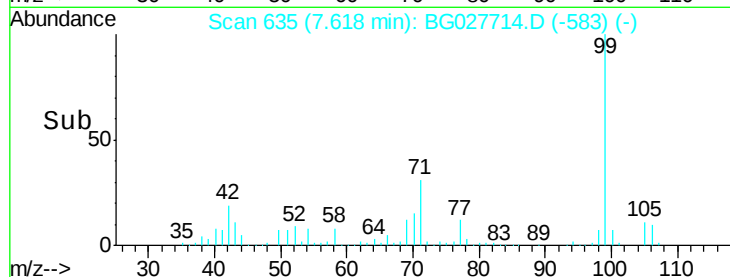
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 52.333 ng

RT: 8.04 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

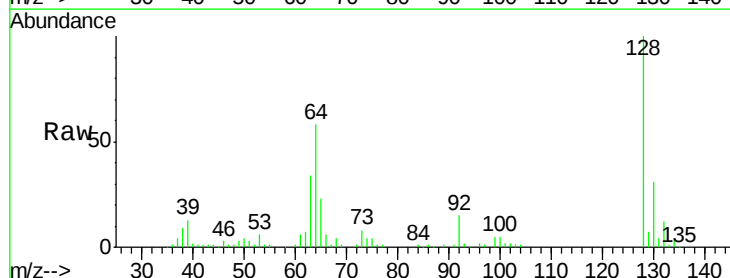
Tgt Ion: 128 Resp: 115203

Ion Ratio Lower Upper

128 100

130 31.5 11.4 51.4

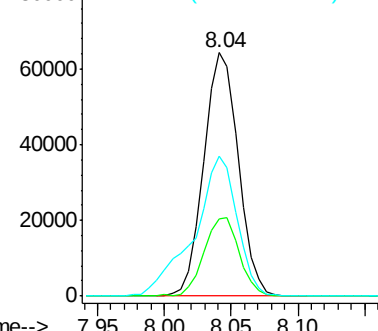
64 57.7 46.6 86.6



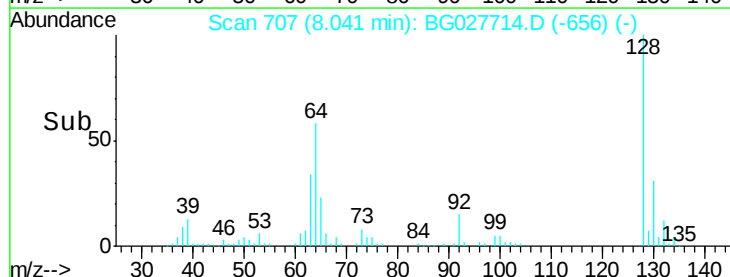
Abundance Ion 128.00 (127.70 to 128.70): BGC

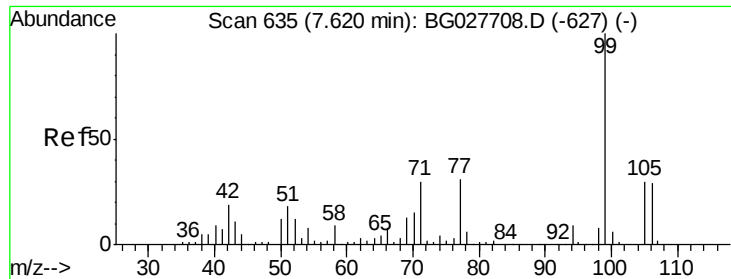
Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->





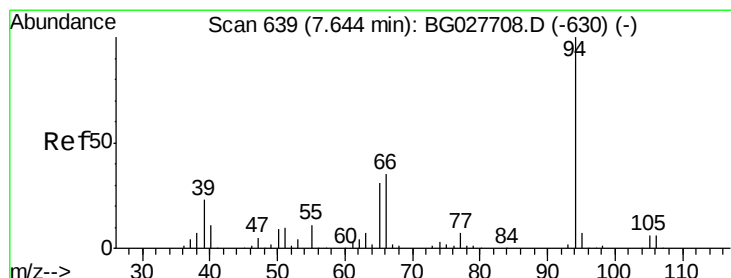
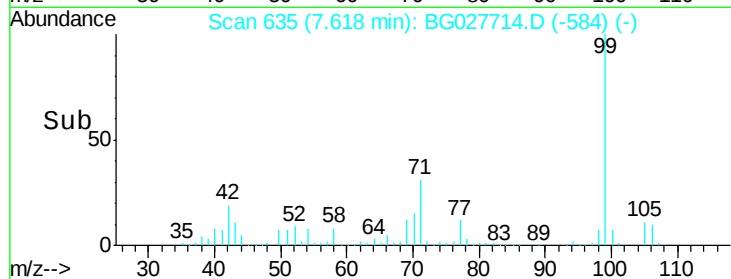
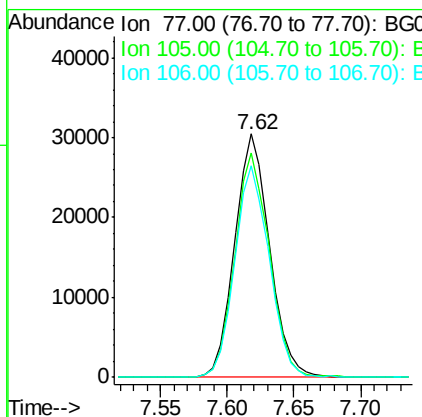
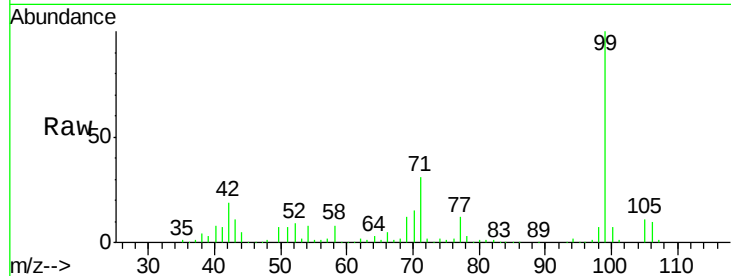
#9
Benzaldehyde
Concen: 30.731 ng
RT: 7.62 min Scan# 635
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	92.1	60.9	100.9
106	87.2	55.1	95.1

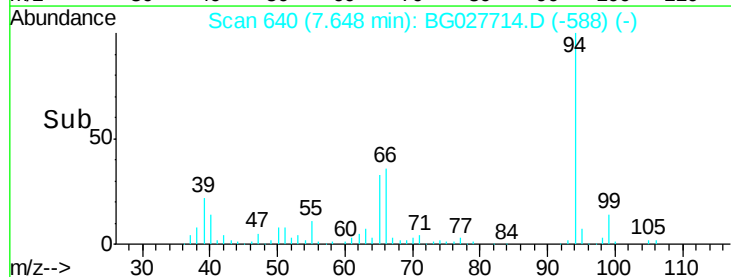
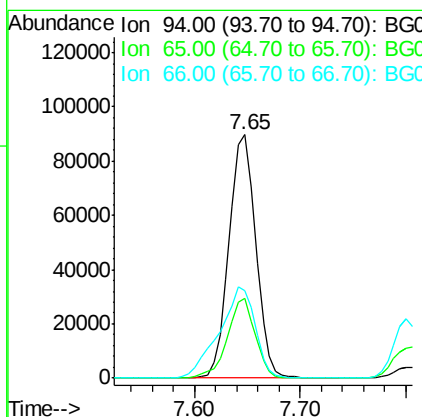
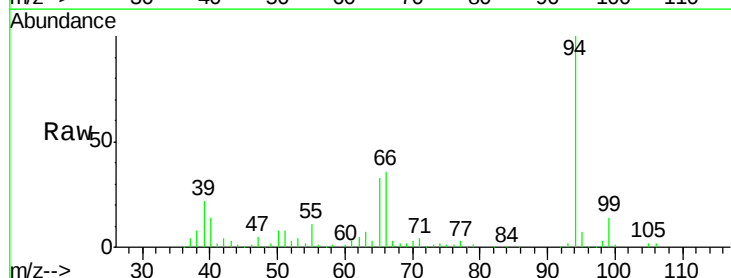
Manual Integrations
APPROVED

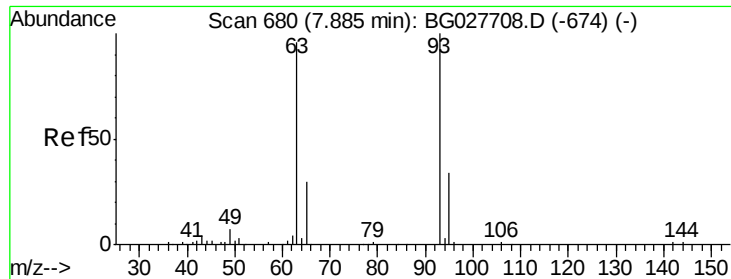
mohammad
6/29/2017 4:48:40 PM



#10
Phenol
Concen: 52.839 ng
RT: 7.65 min Scan# 640
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.8	20.6	60.6
66	35.9	35.5	75.5





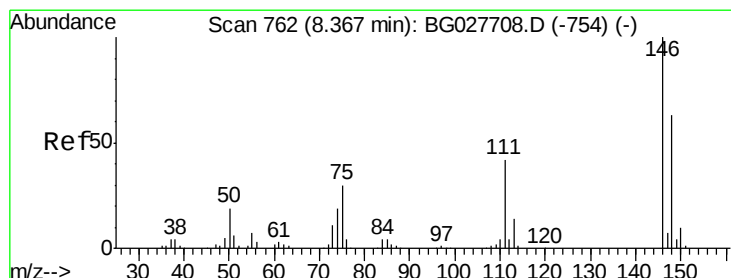
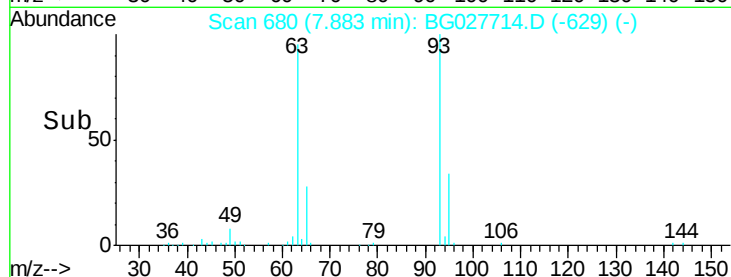
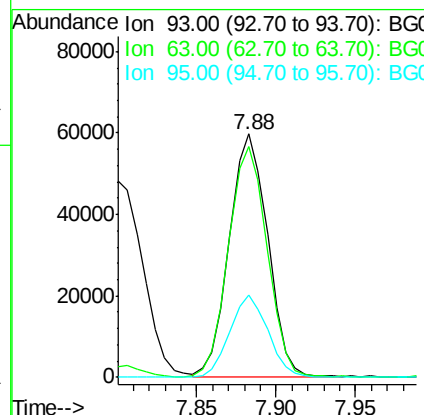
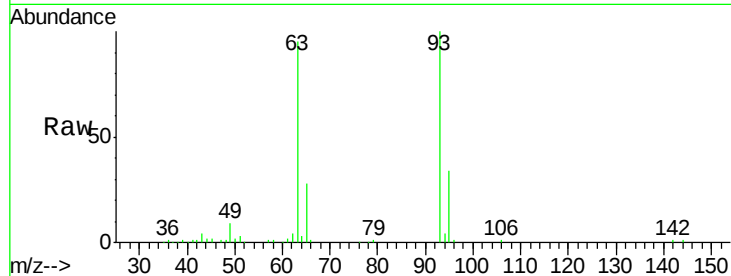
#11
bis(2-Chloroethyl)ether
Concen: 44.591 ng
RT: 7.88 min Scan# 680
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	100852		
63	95.0	78.5	118.5	
95	33.6	9.8	49.8	

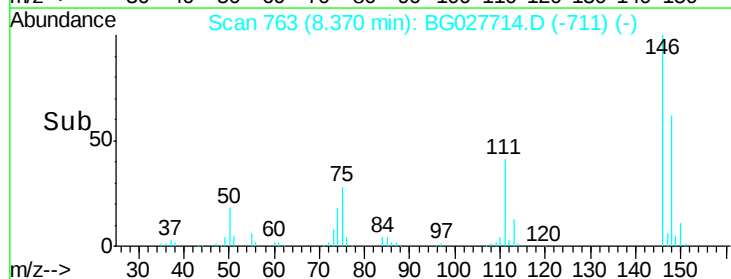
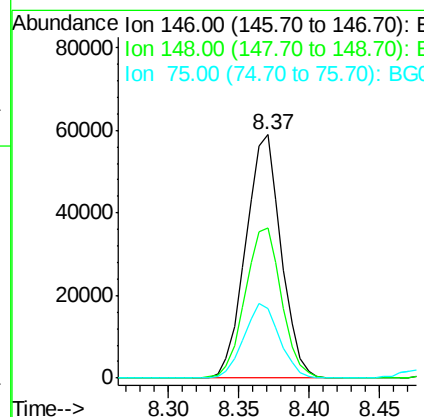
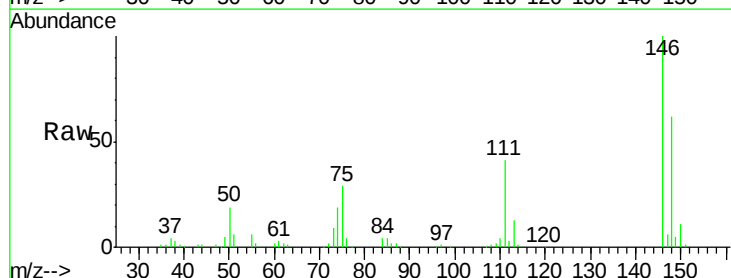
Manual Integrations
APPROVED

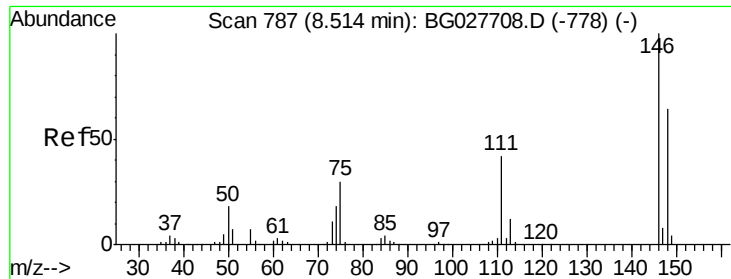
mohammad
6/29/2017 4:48:40 PM



#12
1,3-Dichlorobenzene
Concen: 44.201 ng
RT: 8.37 min Scan# 763
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	103499		
148	61.8	49.2	73.8	
75	28.5	33.4	50.2#	





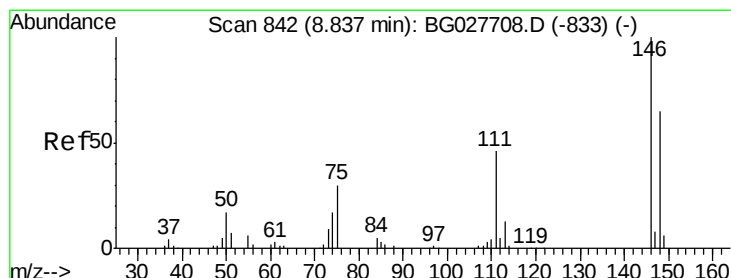
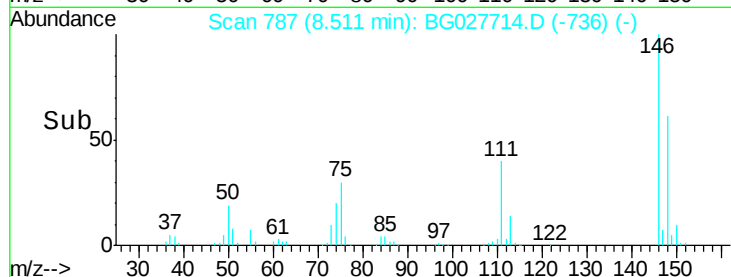
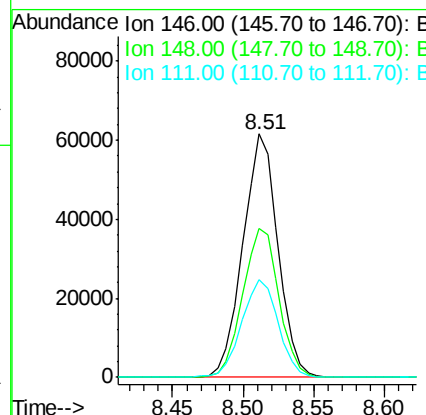
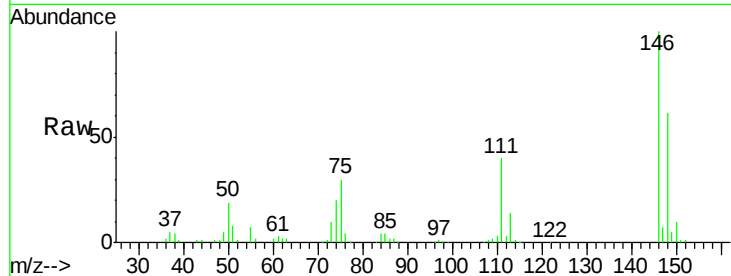
#13
 1,4-Dichlorobenzene
 Concen: 43.960 ng
 RT: 8.51 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	52.2	78.2
111	40.1	37.0	55.6

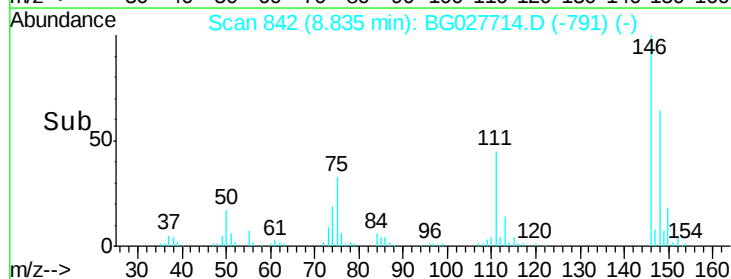
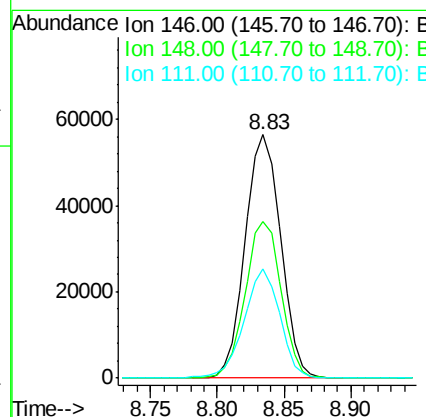
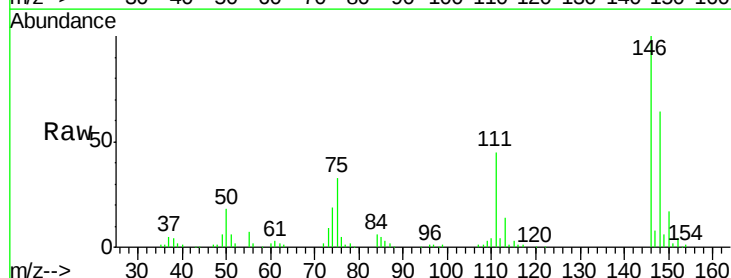
Manual Integrations
 APPROVED

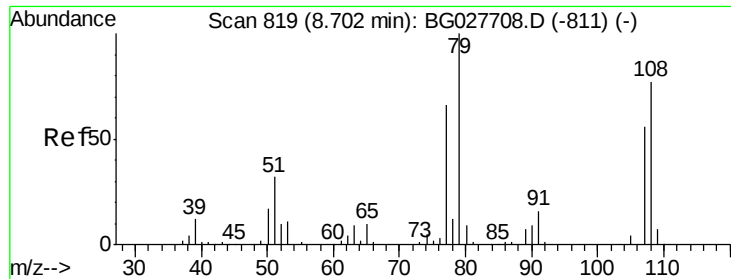
mohammad
 6/29/2017 4:48:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.147 ng
 RT: 8.83 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	54.6	81.8
111	44.7	39.7	59.5





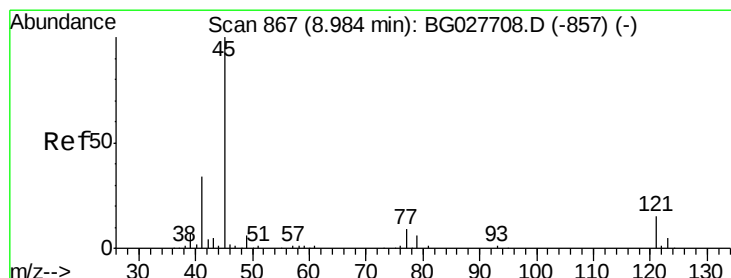
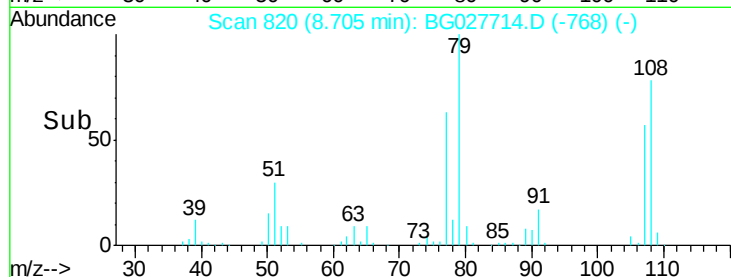
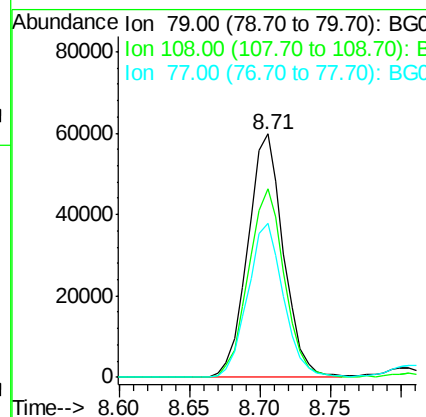
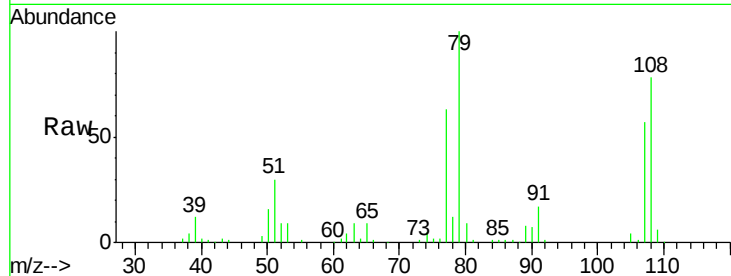
#15
Benzyl Alcohol
Concen: 50.900 ng
RT: 8.71 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.6	45.5	68.3
77	63.1	54.3	81.5

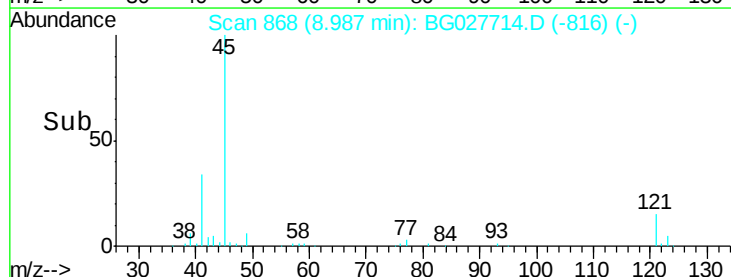
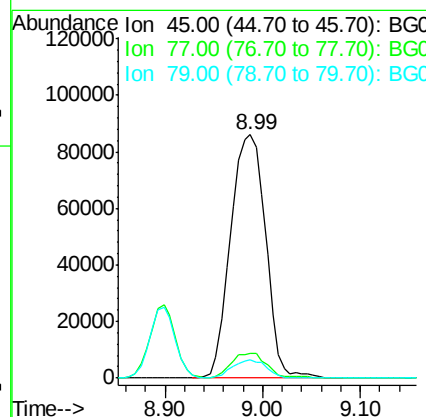
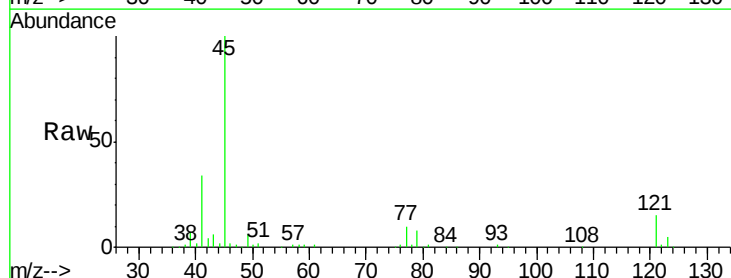
Manual Integrations
APPROVED

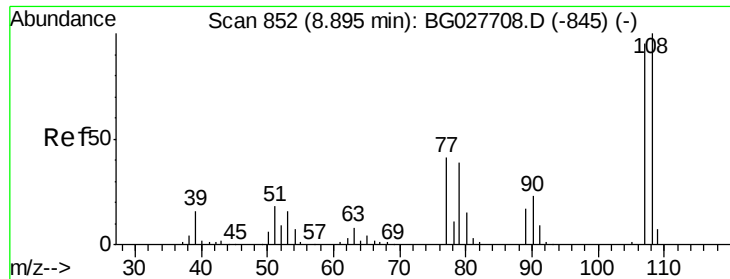
mohammad
6/29/2017 4:48:40 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.563 ng
RT: 8.99 min Scan# 868
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.2	0.0	30.6
79	7.8	0.0	28.5





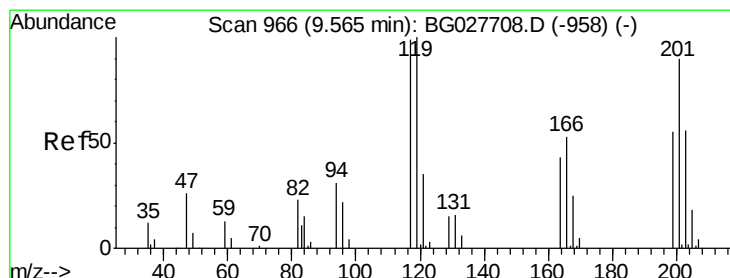
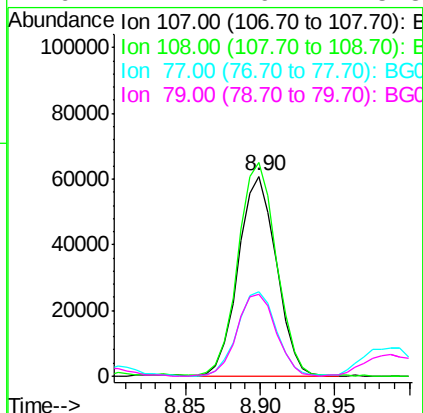
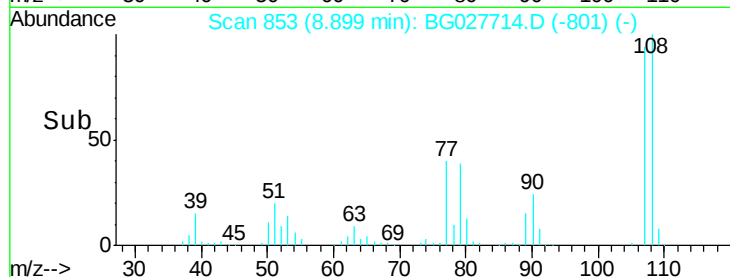
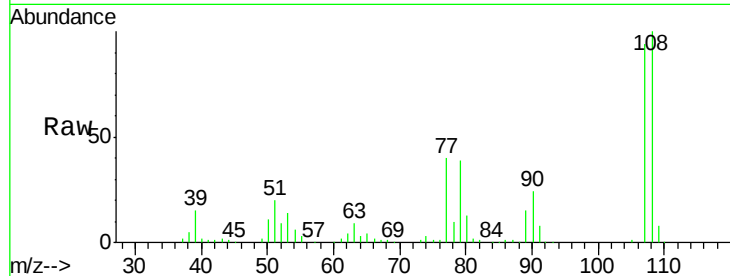
#17
2-Methylphenol
Concen: 51.134 ng
RT: 8.90 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	106.8	85.6	128.4
77	42.3	51.4	77.2#
79	41.2	49.2	73.8#

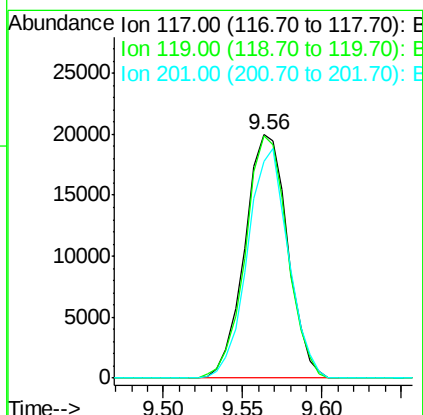
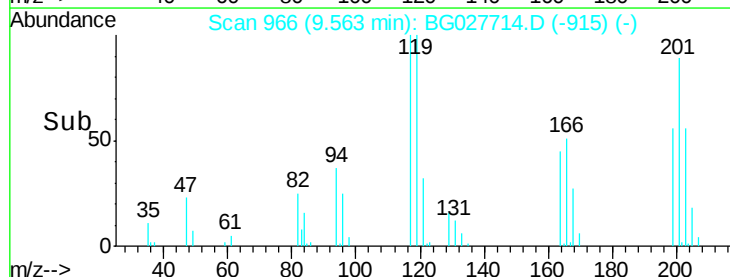
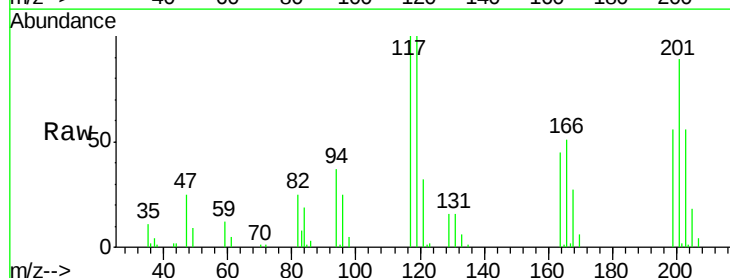
Manual Integrations
APPROVED

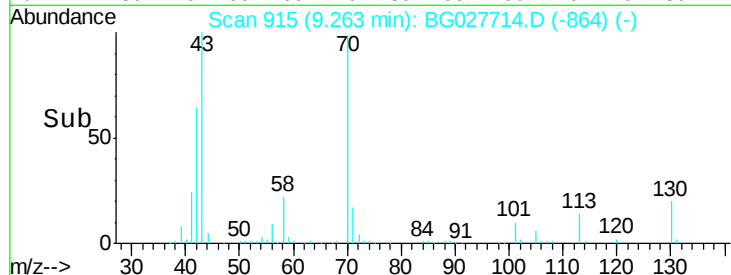
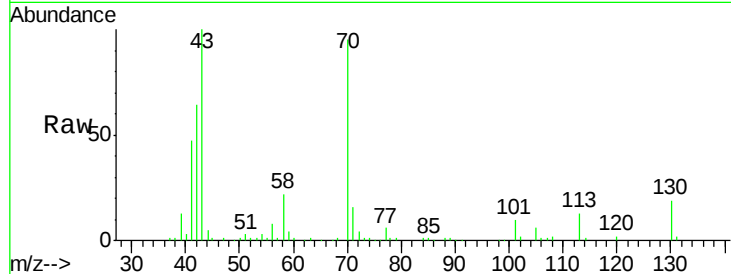
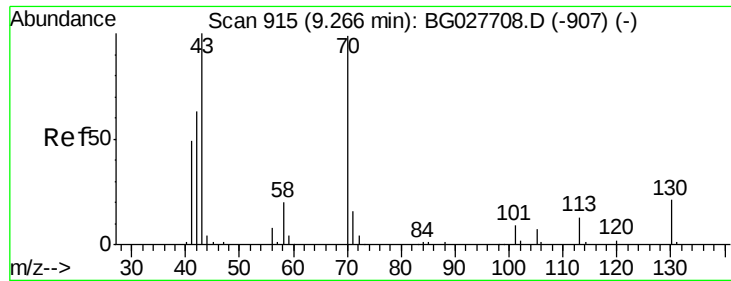
mohammad
6/29/2017 4:48:40 PM



#18
Hexachloroethane
Concen: 44.036 ng
RT: 9.56 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	99.6	69.8	104.6
201	89.0	95.4	143.0#





#19

n-Nitroso-di-n-propylamine

Concen: 43.008 ng

RT: 9.26 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

Instrument :

BNA_G

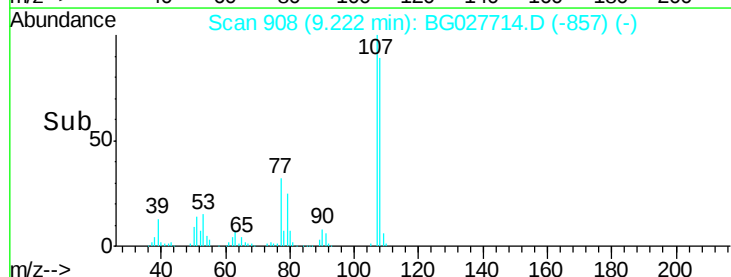
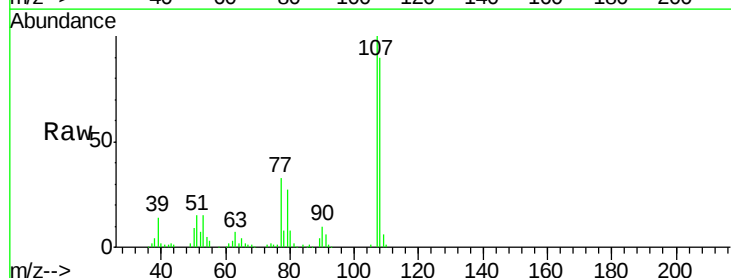
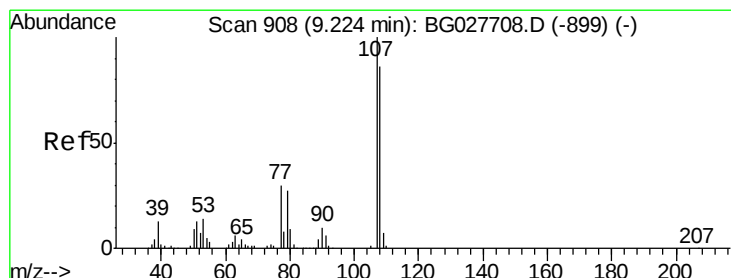
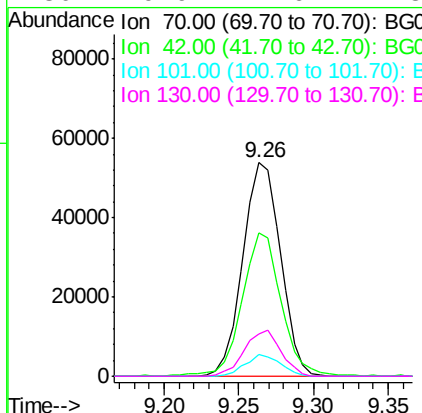
ClientSampleId :

PB100116BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.0	56.1	84.1	
101	10.1	7.5	11.3	
130	19.9	14.6	21.8	

Manual Integrations
APPROVED

mohammad
6/29/2017 4:48:40 PM



#20

3+4-Methylphenols

Concen: 49.415 ng

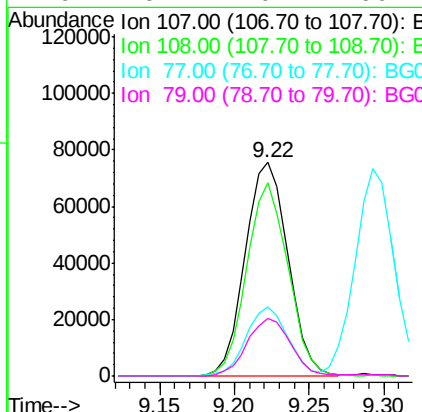
RT: 9.22 min Scan# 908

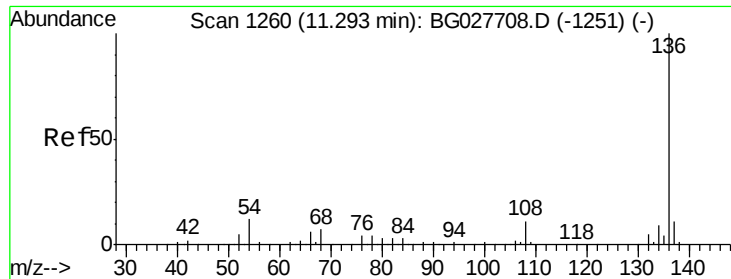
Delta R.T. -0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	70.8	110.8	
77	32.5	25.8	65.8	
79	26.7	20.1	60.1	





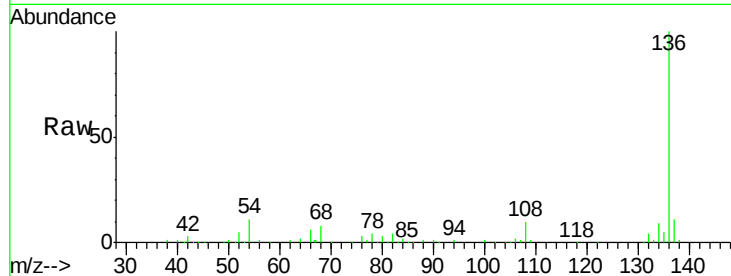
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.30 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	159181		
137	11.1	8.9	13.3	
54	11.3	9.3	13.9	
68	7.9	5.1	7.7#	

Manual Integrations
APPROVED

mohammad
6/29/2017 4:48:40 PM



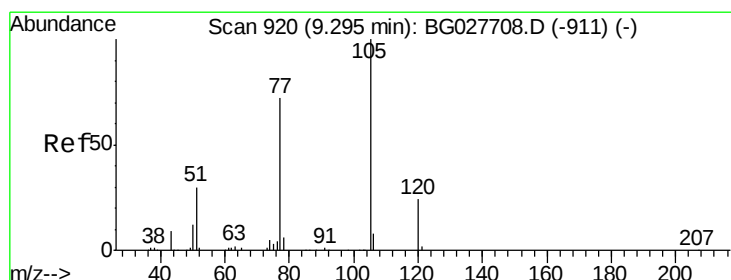
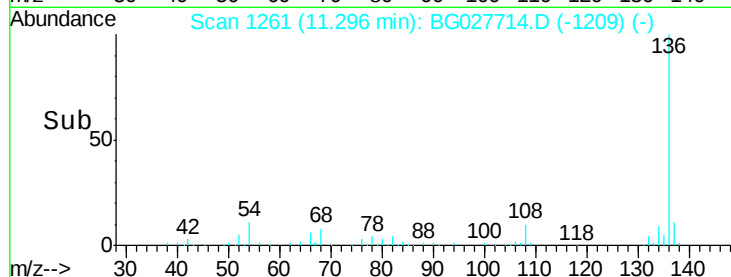
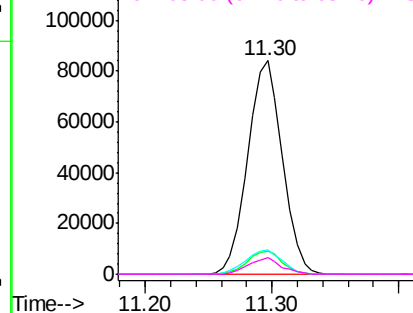
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 43.407 ng
RT: 9.29 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	166732		
71	0.5	0.9	1.3#	
51	33.3	34.0	51.0#	
120	24.5	17.3	25.9	

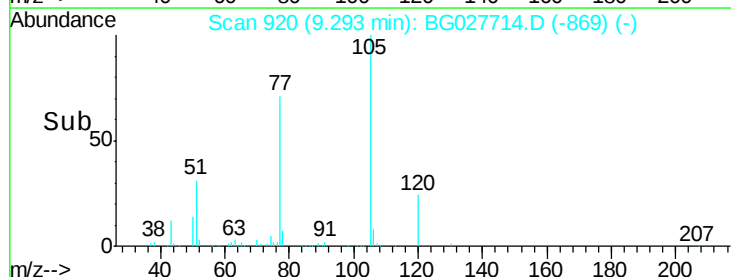
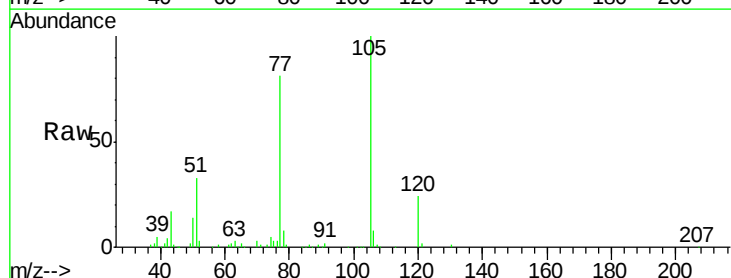
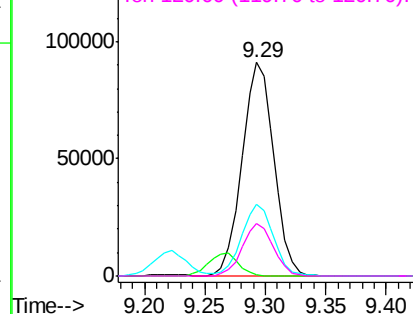
Abundance

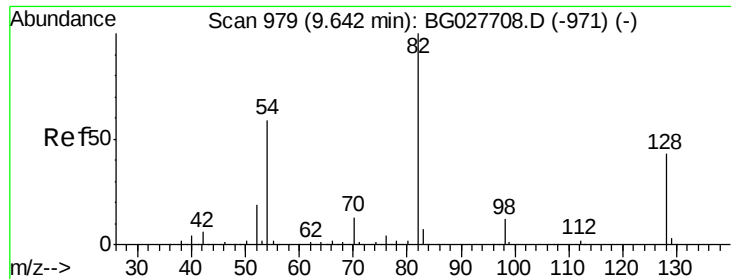
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





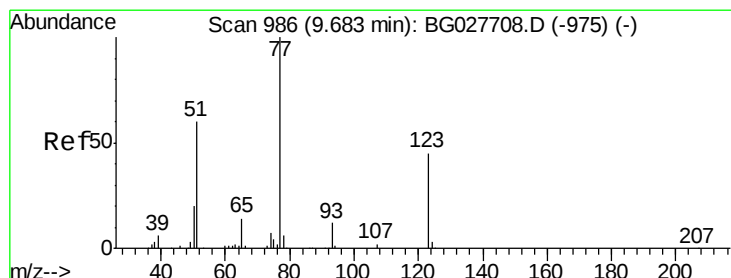
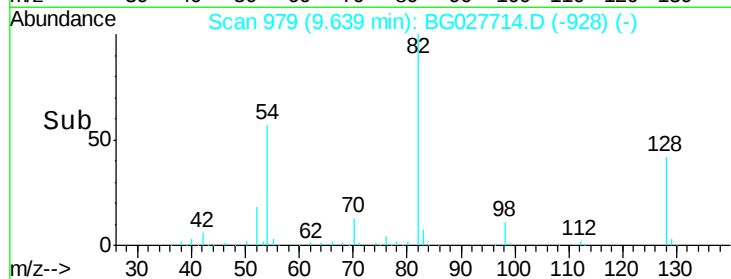
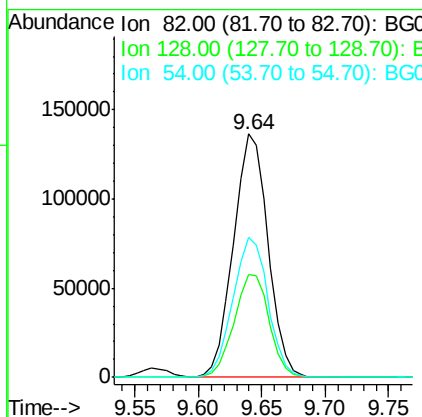
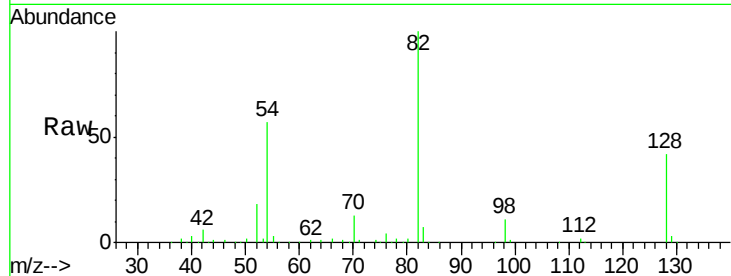
#23
 Nitrobenzene-d5
 Concen: 90.453 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.2	26.4	39.6#
54	57.5	49.4	74.2

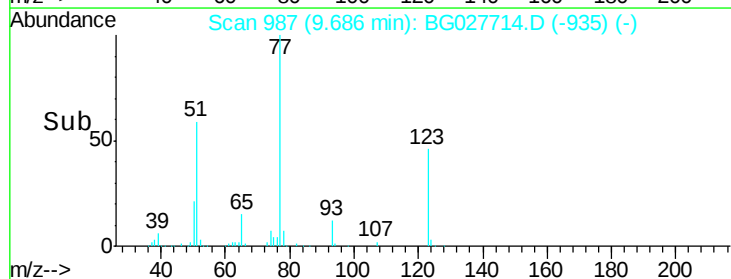
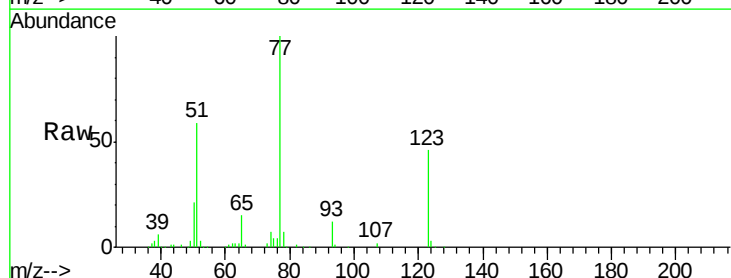
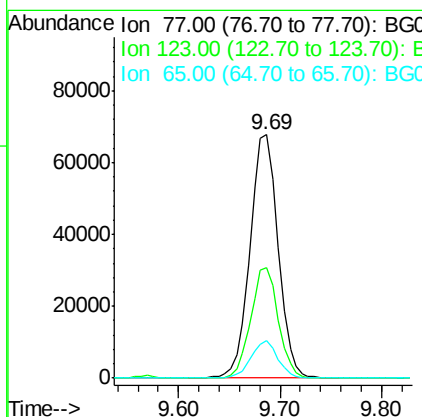
Manual Integrations
 APPROVED

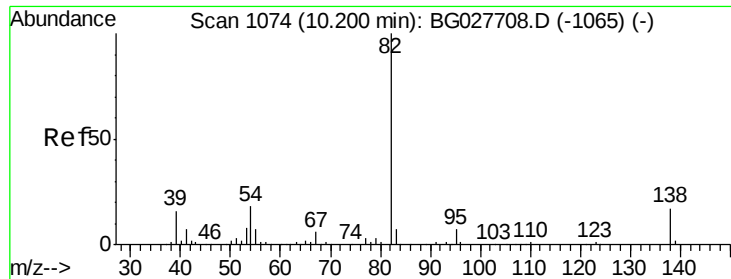
mohammad
 6/29/2017 4:48:40 PM



#24
 Nitrobenzene
 Concen: 43.693 ng
 RT: 9.69 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	26.1	39.1#
65	15.2	12.4	18.6





#25

Isophorone

Concen: 43.438 ng

RT: 10.20 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

Instrument :

BNA_G

ClientSampleId :

PB100116BS

Tgt Ion: 82 Resp: 270388

Ion Ratio Lower Upper

82 100

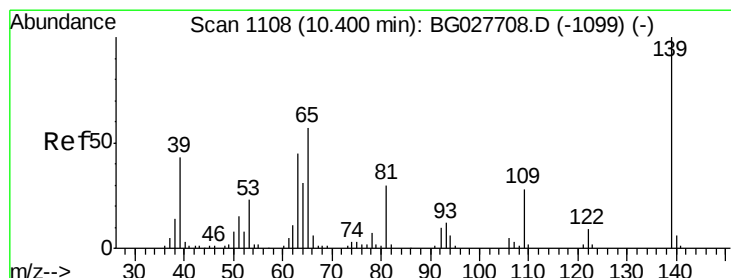
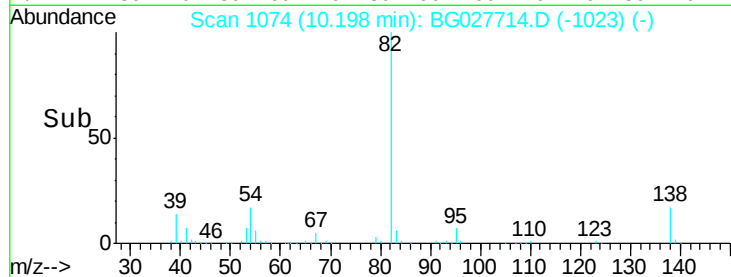
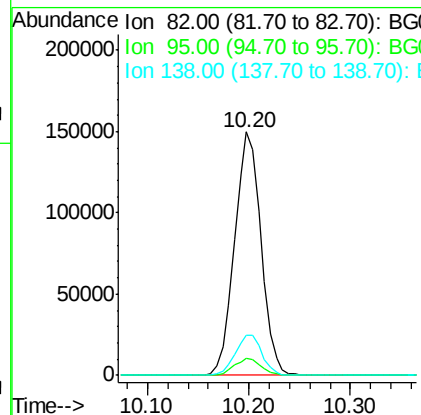
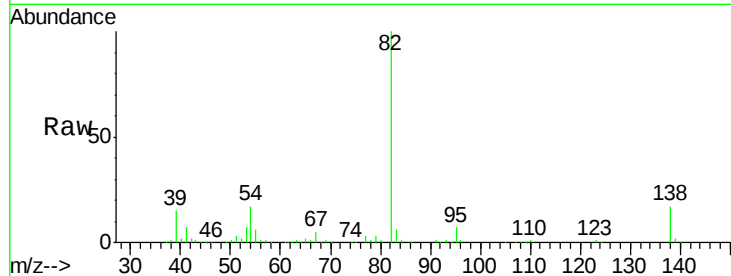
95 6.9 7.5 11.3#

138 16.7 12.3 18.5

Manual Integrations
APPROVED

mohammad

6/29/2017 4:48:40 PM



#26

2-Nitrophenol

Concen: 46.537 ng

RT: 10.40 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

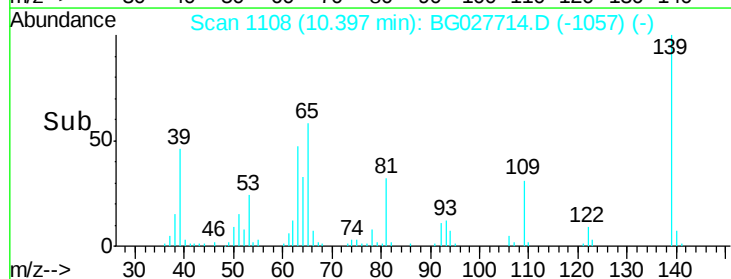
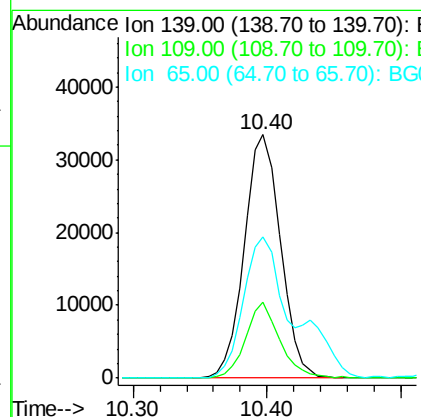
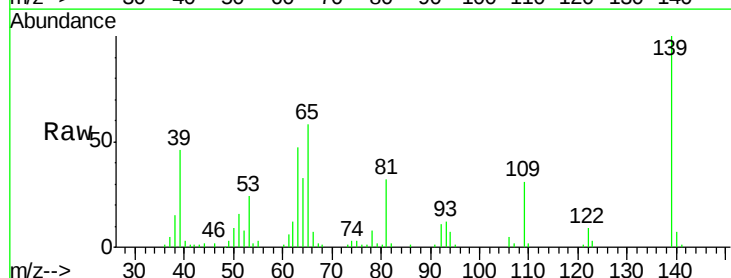
Tgt Ion: 139 Resp: 62759

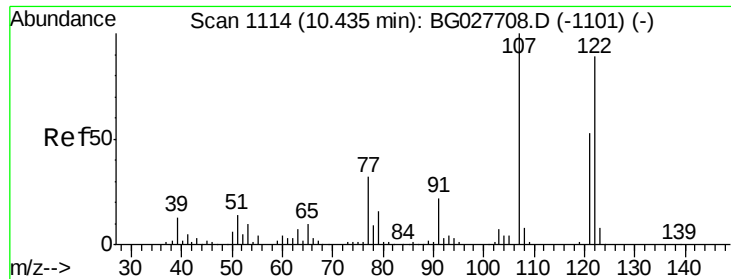
Ion Ratio Lower Upper

139 100

109 31.3 38.6 58.0#

65 57.9 57.1 85.7





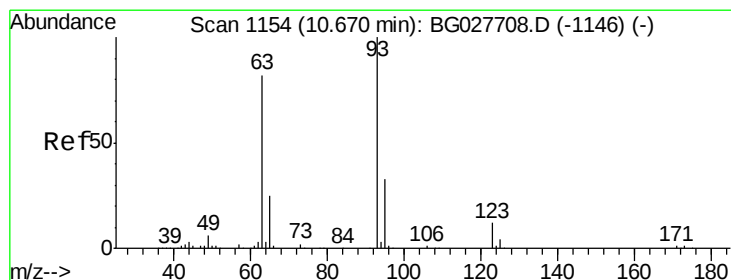
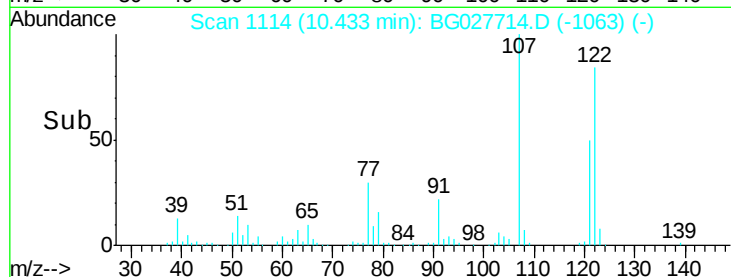
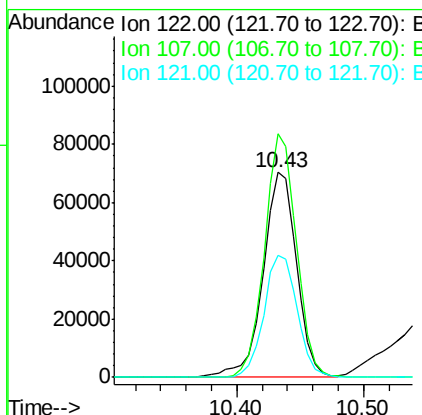
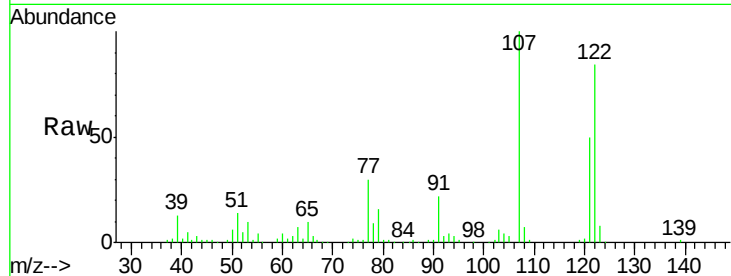
#27
2,4-Dimethylphenol
Concen: 51.139 ng
RT: 10.43 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.8	104.2	156.4
121	59.5	46.0	69.0

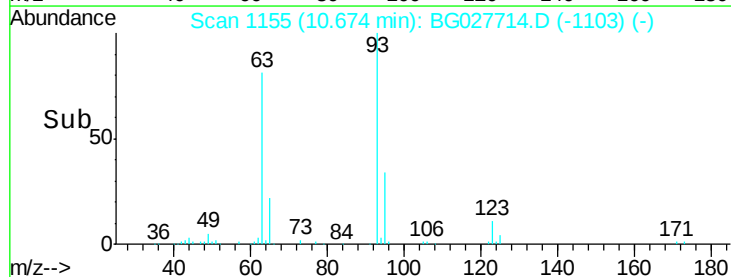
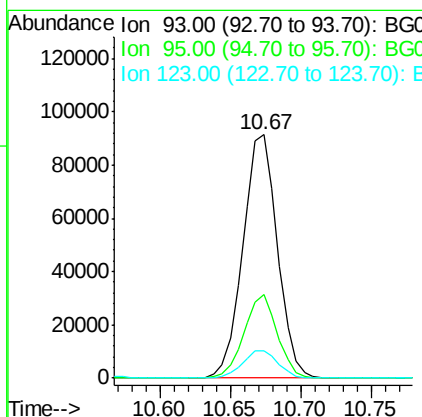
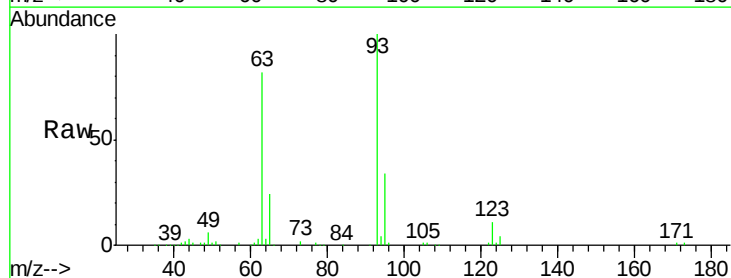
Manual Integrations
APPROVED

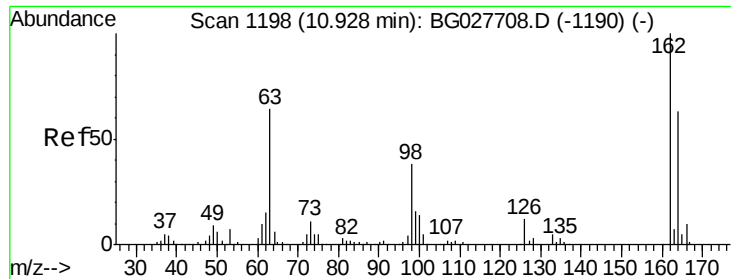
mohammad
6/29/2017 4:48:40 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.361 ng
RT: 10.67 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.7	38.5
123	11.4	8.3	12.5





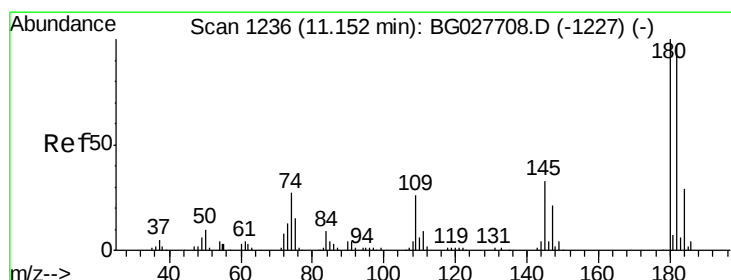
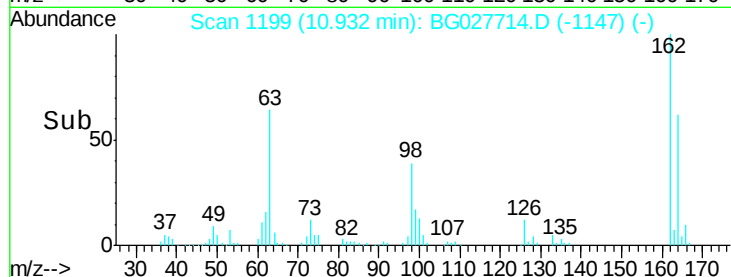
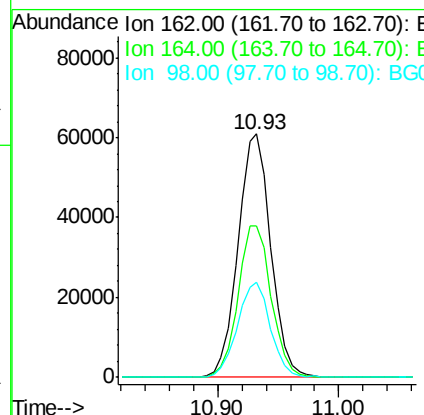
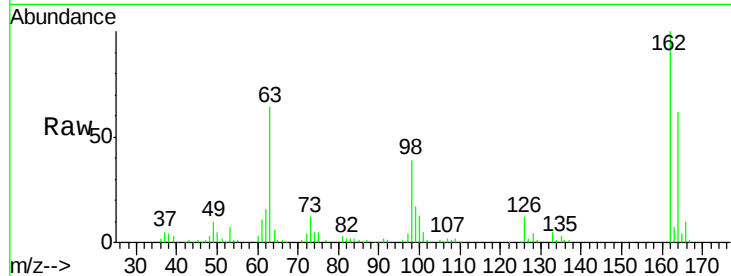
#29
 2,4-Dichlorophenol
 Concen: 51.879 ng
 RT: 10.93 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	114838		
164	62.3	42.4	82.4	
98	39.1	20.3	60.3	

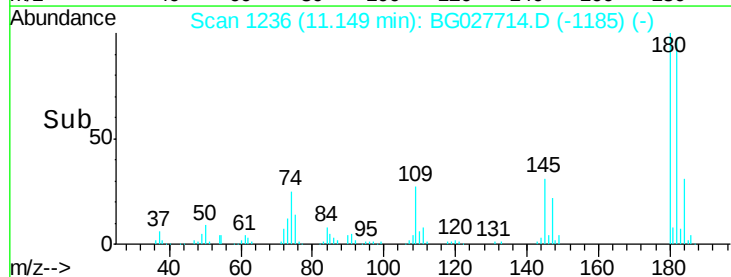
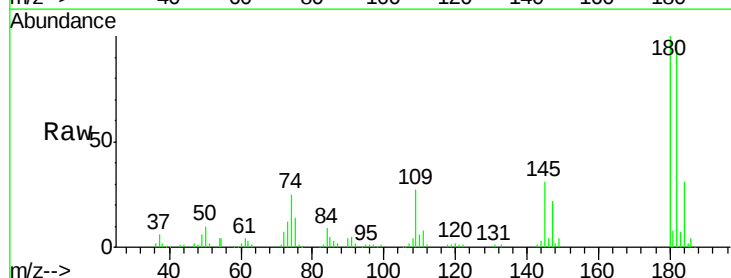
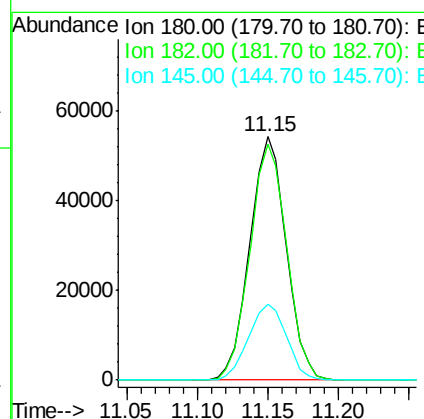
Manual Integrations
 APPROVED

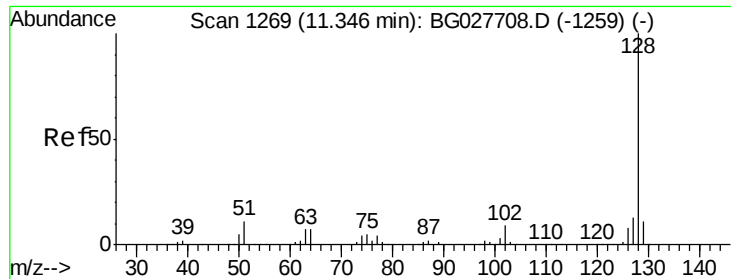
mohammad
 6/29/2017 4:48:40 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.601 ng
 RT: 11.15 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	98434		
182	96.9	77.0	115.4	
145	31.4	23.4	35.0	





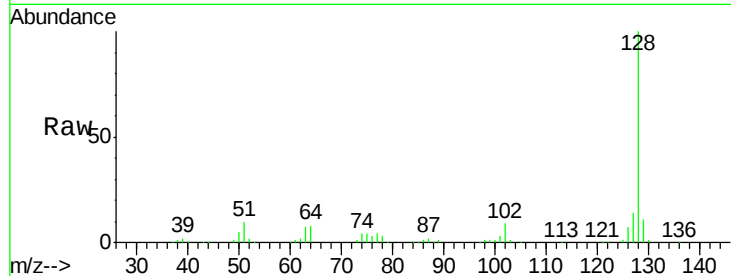
#31
Naphthalene
Concen: 42.904 ng
RT: 11.34 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampled :
PB100116BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	363186		
129	10.8	9.3	13.9	
127	13.9	11.4	17.0	

Manual Integrations
APPROVED

mohammad
6/29/2017 4:48:40 PM

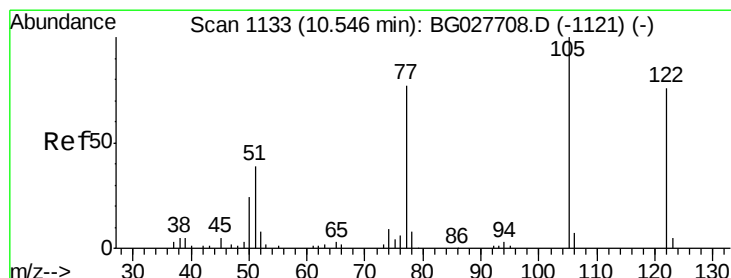
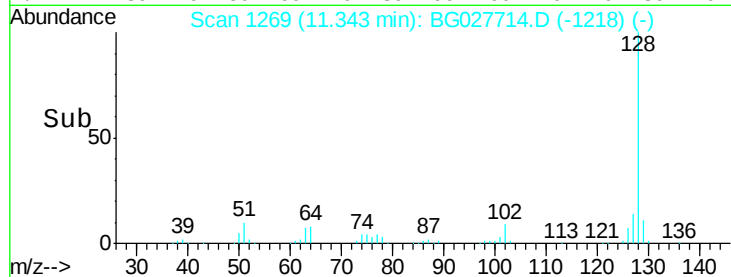
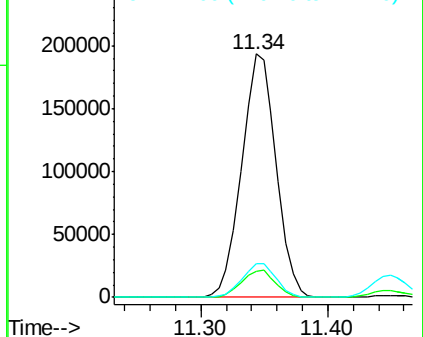


Abundance

Ion 128.00 (127.70 to 128.70): E

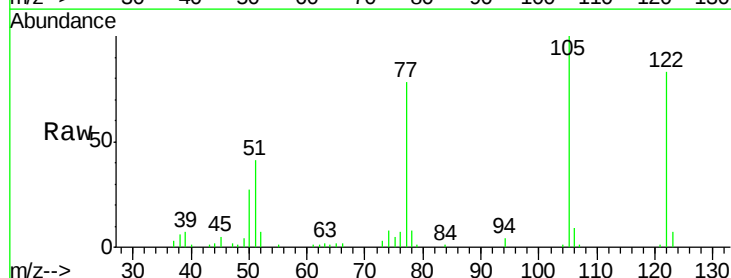
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 44.021 ng
RT: 10.55 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	66571		
105	120.5	120.1	160.1	
77	94.4	104.6	144.6	

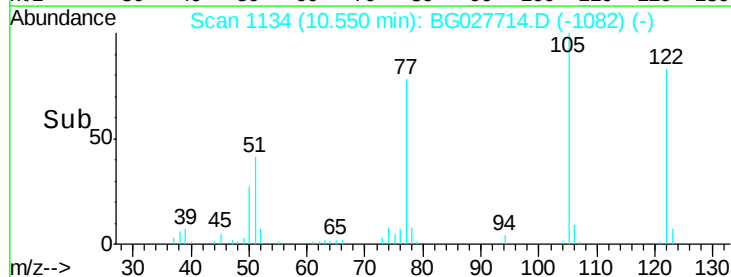
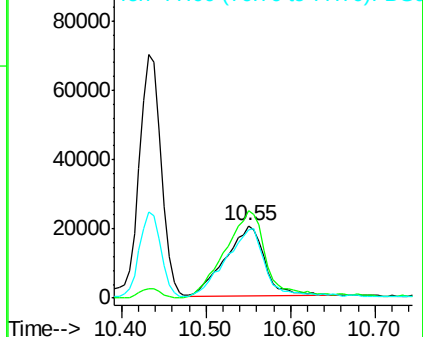


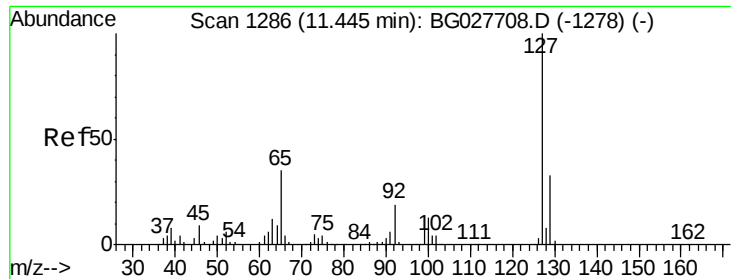
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





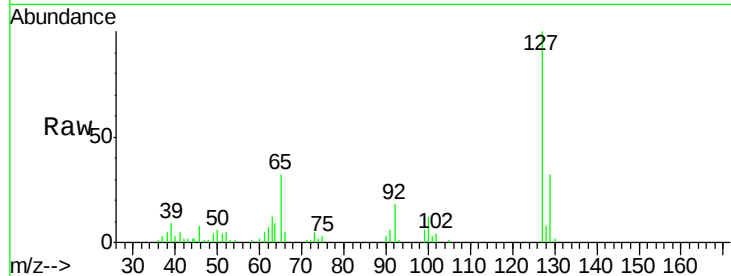
#33
4-Chloroaniline
Concen: 10.239 ng
RT: 11.45 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

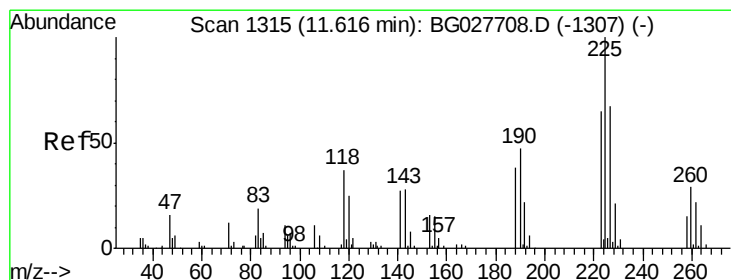
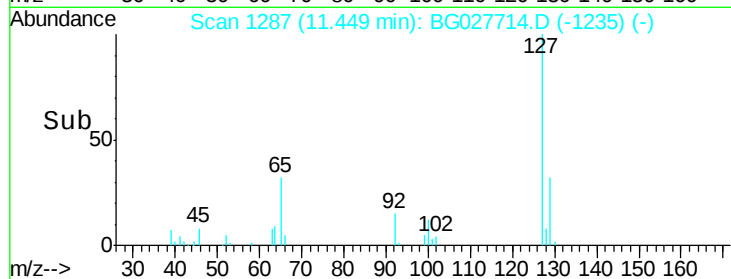
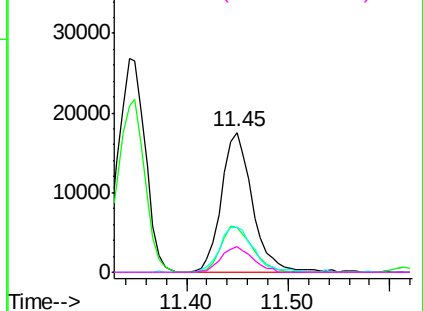
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	37446		
129	32.3	23.6	35.4	
65	32.5	37.7	56.5	
92	18.3	17.6	26.4	

Manual Integrations
APPROVED

mohammad
6/29/2017 4:48:40 PM

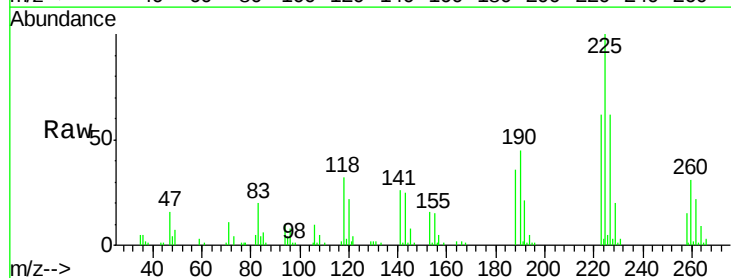


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

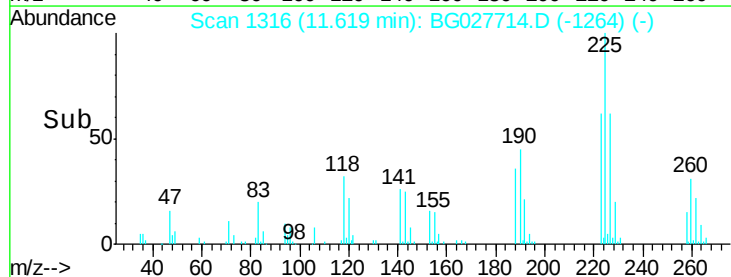
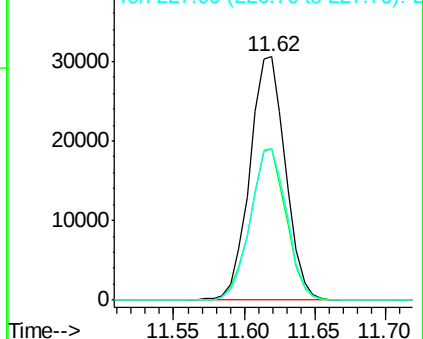


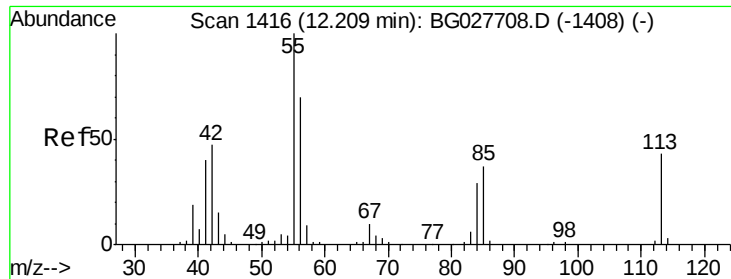
#34
Hexachlorobutadiene
Concen: 42.978 ng
RT: 11.62 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54063		
223	62.0	50.7	76.1	
227	62.3	49.0	73.6	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 50.177 ng m

RT: 12.22 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

Instrument :

BNA_G

ClientSampleId :

PB100116BS

Tgt Ion:113 Resp: 55866

Ion Ratio Lower Upper

113 100

55 228.2 198.6 238.6

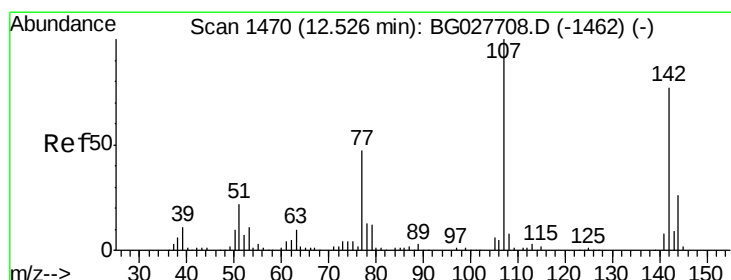
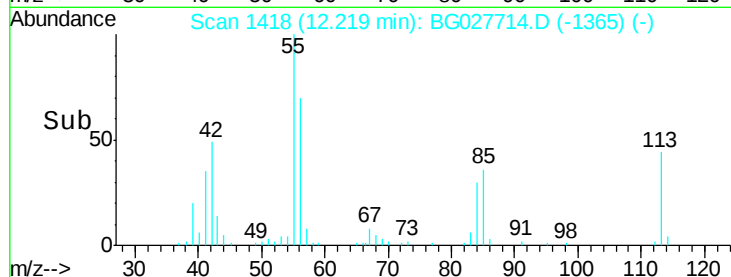
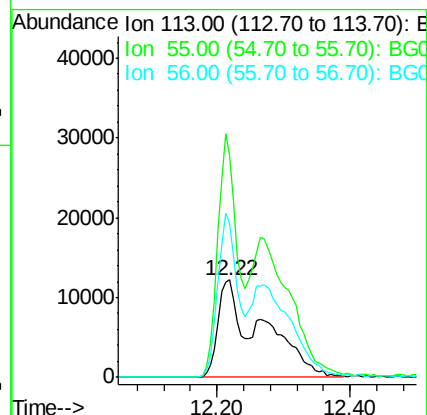
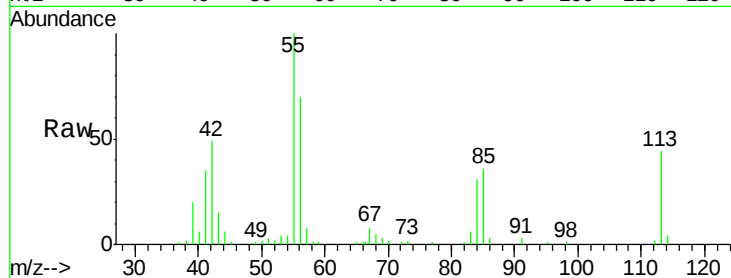
56 158.9 140.4 180.4

Manual Integrations

APPROVED

mohammad

6/29/2017 4:48:40 PM



#36

4-Chloro-3-methylphenol

Concen: 50.551 ng

RT: 12.53 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

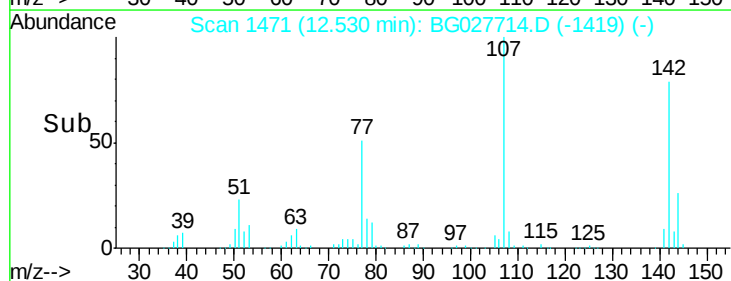
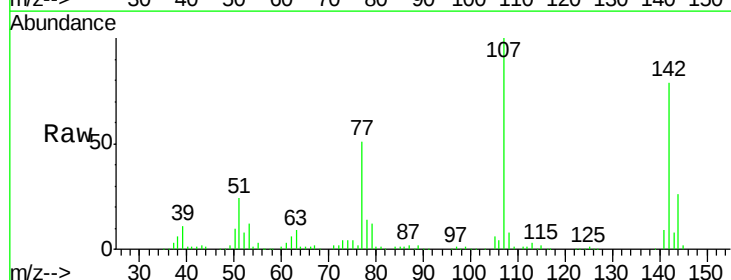
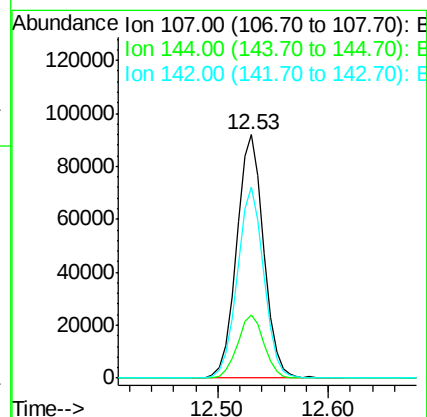
Tgt Ion:107 Resp: 157457

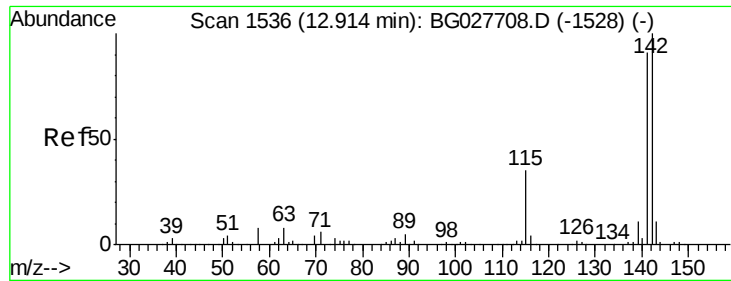
Ion Ratio Lower Upper

107 100

144 26.1 17.4 26.0#

142 78.7 54.1 81.1





#37

2-Methylnaphthalene

Concen: 43.945 ng m

RT: 12.91 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

Instrument :

BNA_G

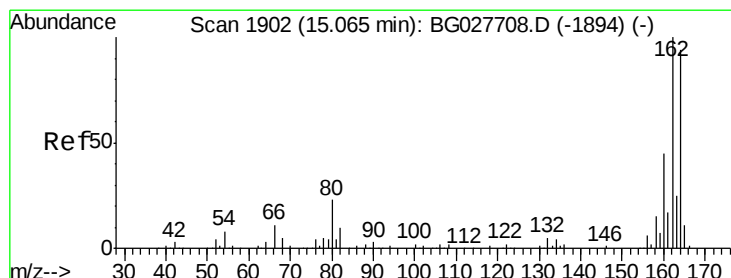
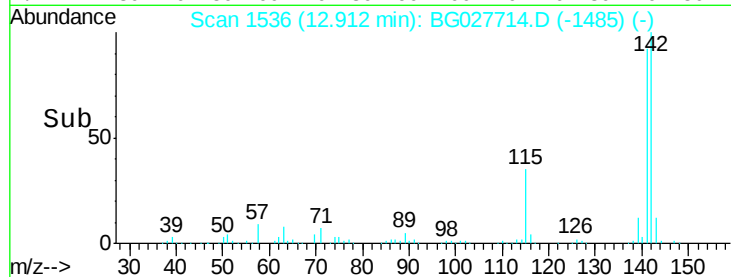
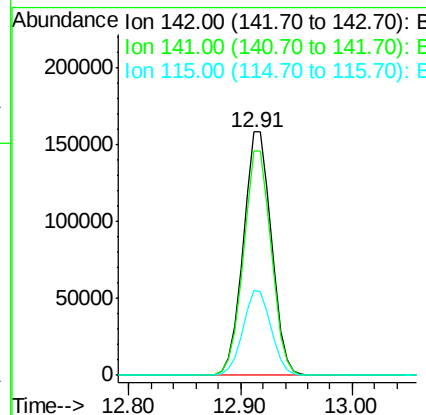
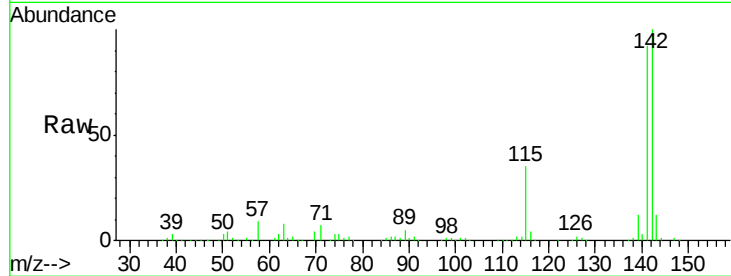
ClientSampleId :

PB100116BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.4	105.6
115	35.1	35.5	53.3

Manual Integrations
APPROVED

mohammad
6/29/2017 4:48:40 PM



#38

Acenaphthene-d10

Concen: 20.000 ng

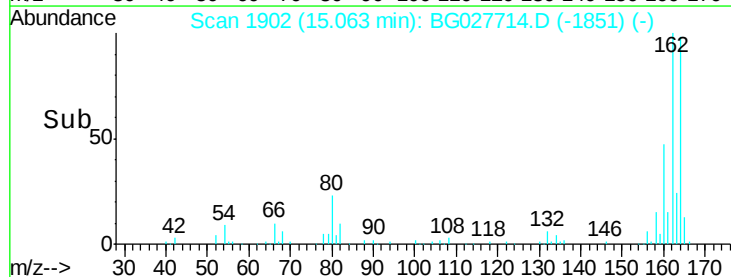
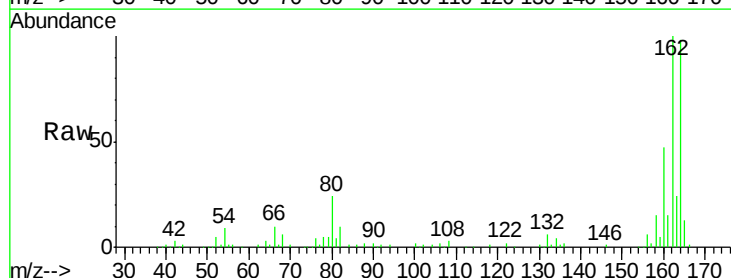
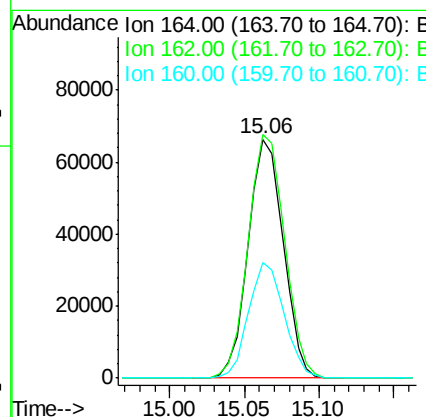
RT: 15.06 min Scan# 1902

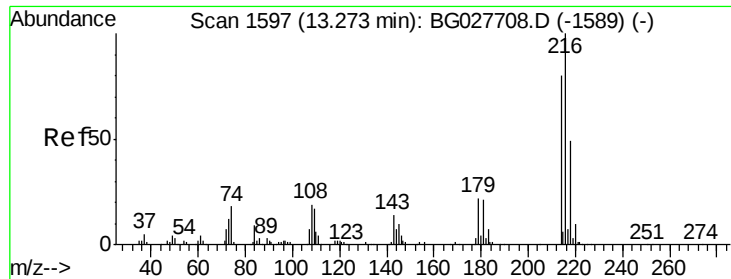
Delta R.T. -0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	85.1	127.7
160	48.5	34.7	52.1





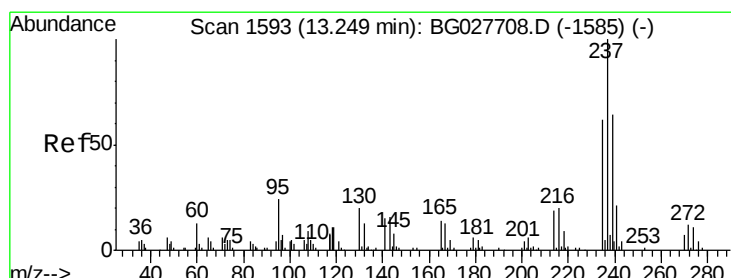
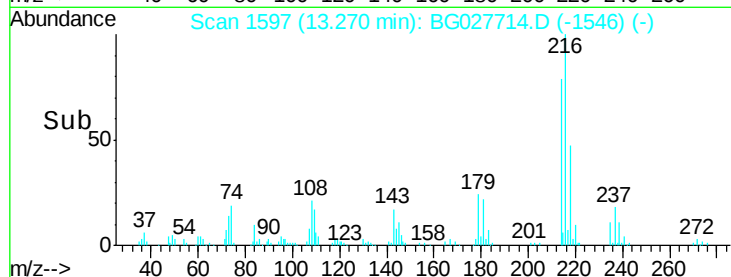
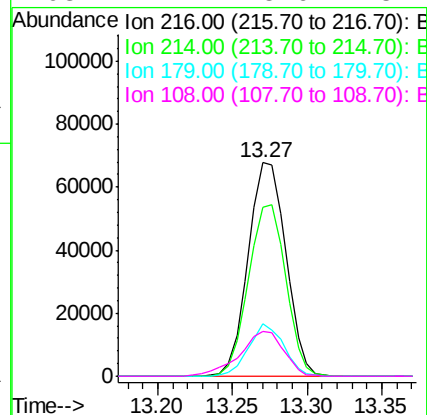
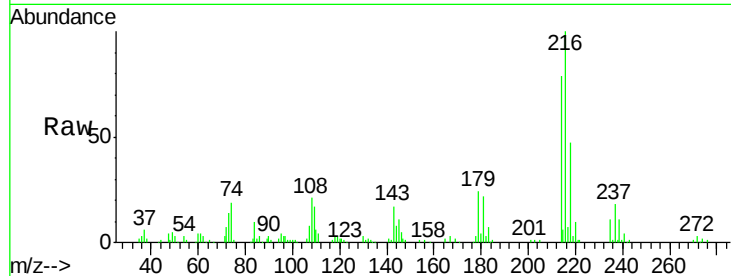
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.825 ng
 RT: 13.27 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	64.4	96.6
179	22.6	17.4	26.0
108	24.4	15.6	23.4

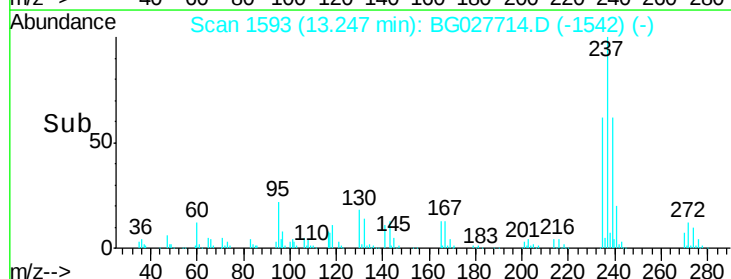
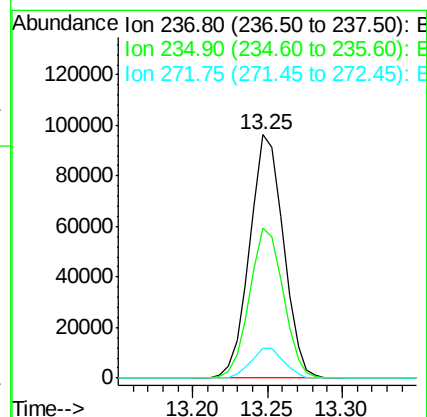
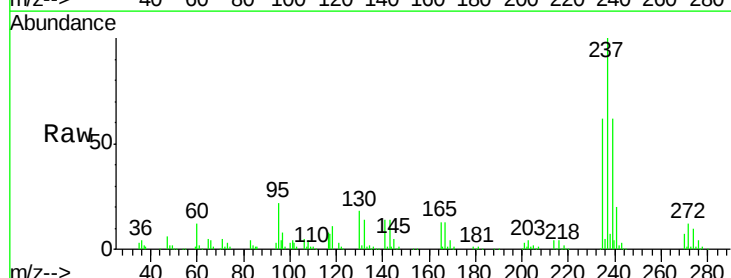
Manual Integrations
 APPROVED

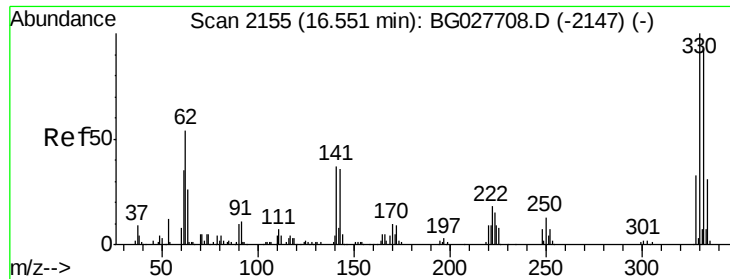
mohammad
 6/29/2017 4:48:40 PM



#40
 Hexachlorocyclopentadiene
 Concen: 112.277 ng
 RT: 13.25 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.5	39.4	79.4
272	12.2	0.0	32.0





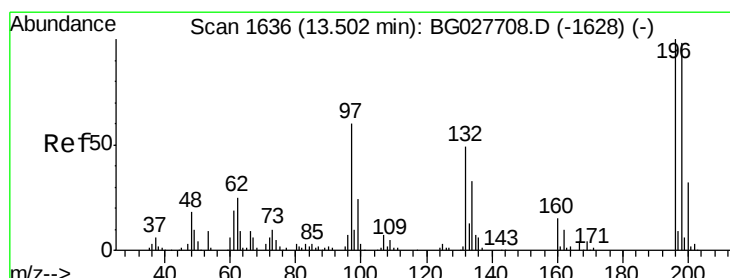
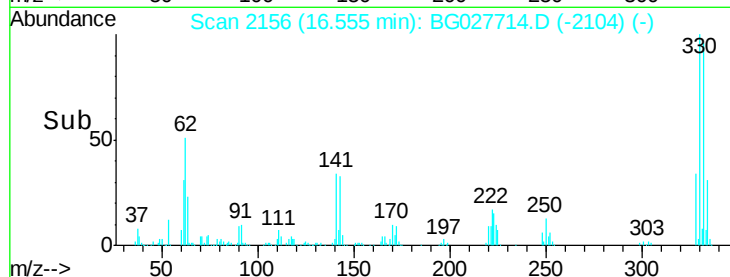
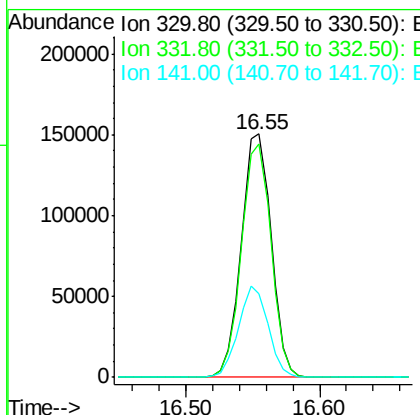
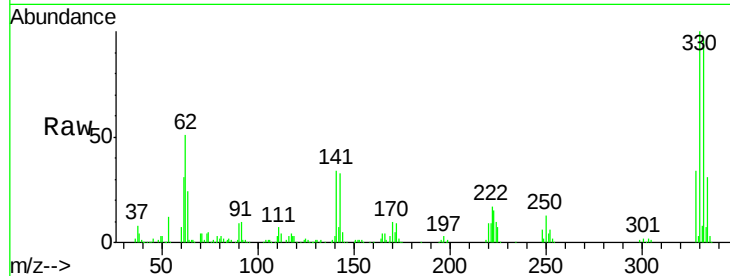
#41
 2,4,6-Tribromophenol
 Concen: 157.366 ng
 RT: 16.55 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	232697		
332	95.0	77.3	115.9	
141	37.4	32.1	48.1	

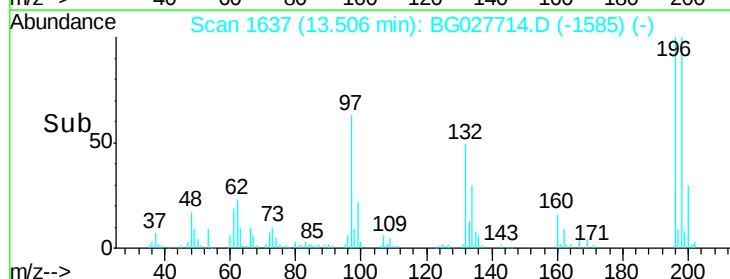
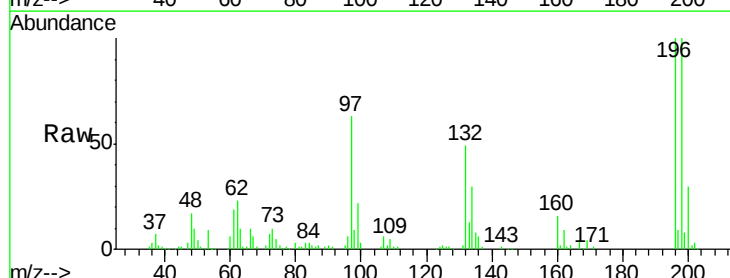
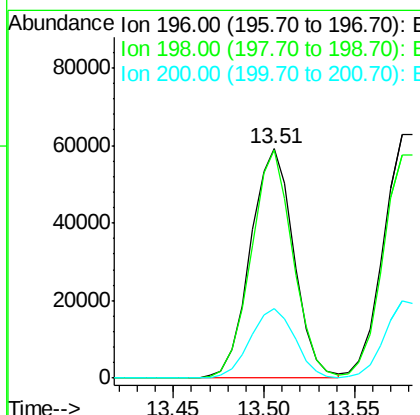
Manual Integrations
 APPROVED

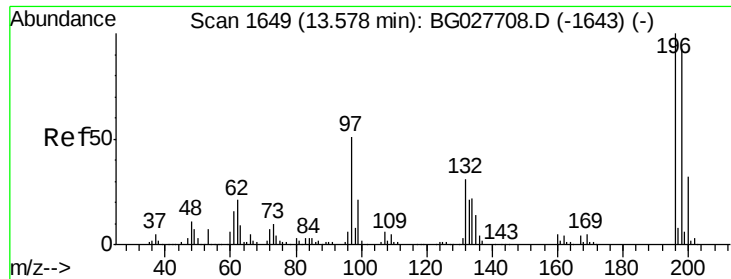
mohammad
 6/29/2017 4:48:40 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.942 ng
 RT: 13.51 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	98094		
198	99.7	81.4	122.2	
200	30.4	27.0	40.6	





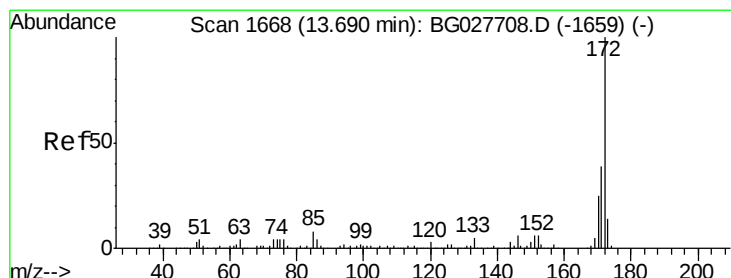
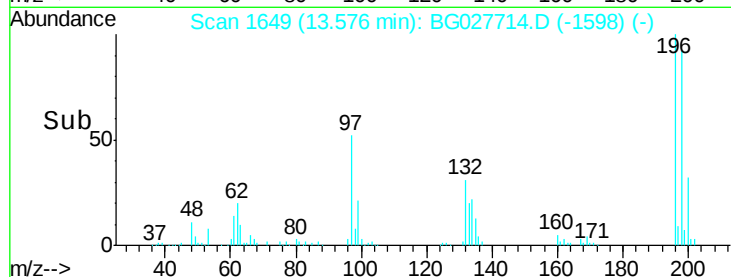
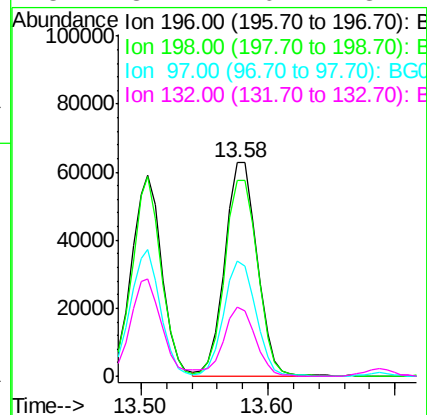
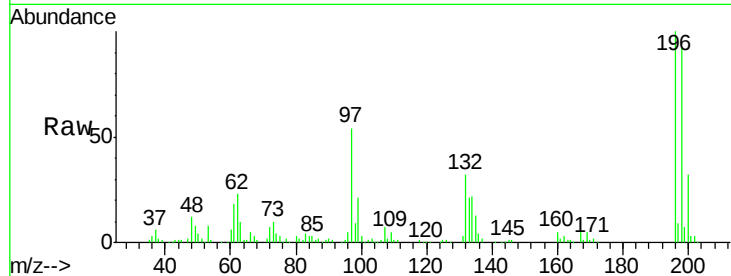
#43
 2,4,5-Trichlorophenol
 Concen: 48.098 ng
 RT: 13.58 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	111512		
198	91.7	79.9	119.9	
97	54.1	45.4	68.0	
132	32.1	20.7	31.1	

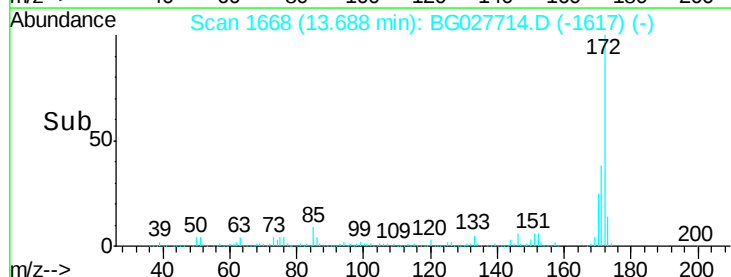
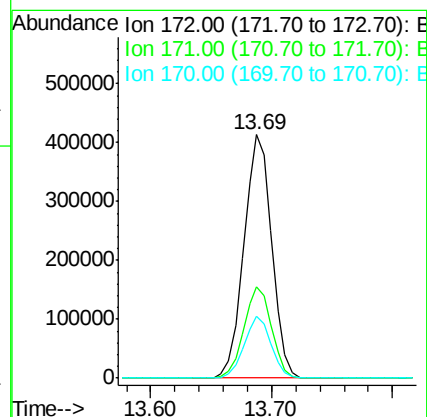
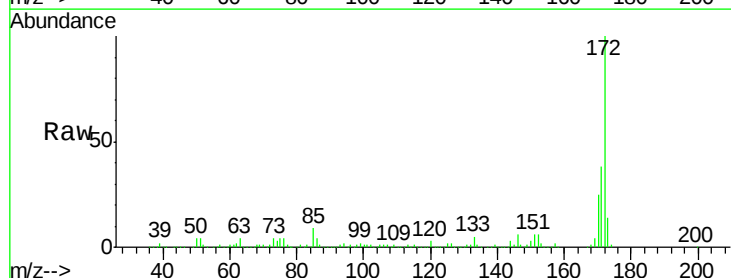
Manual Integrations
 APPROVED

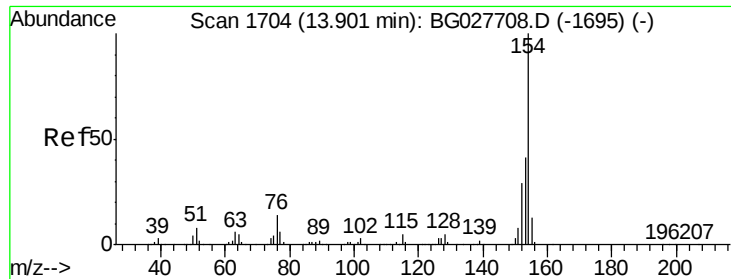
mohammad
 6/29/2017 4:48:40 PM



#44
 2-Fluorobiphenyl
 Concen: 87.396 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	659725		
171	37.6	32.2	48.2	
170	25.2	21.8	32.6	





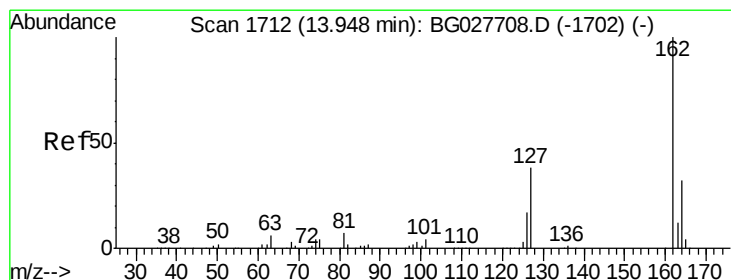
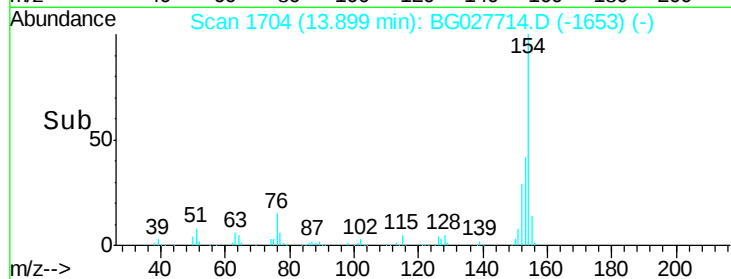
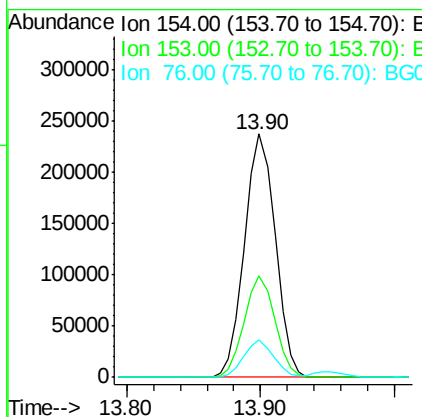
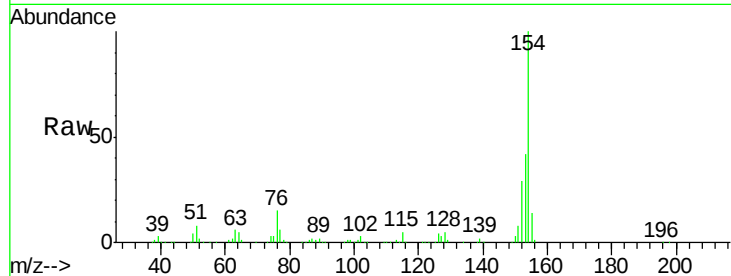
#45
1,1'-Biphenyl
Concen: 43.713 ng
RT: 13.90 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	23.0	63.0
76	15.4	0.0	33.5

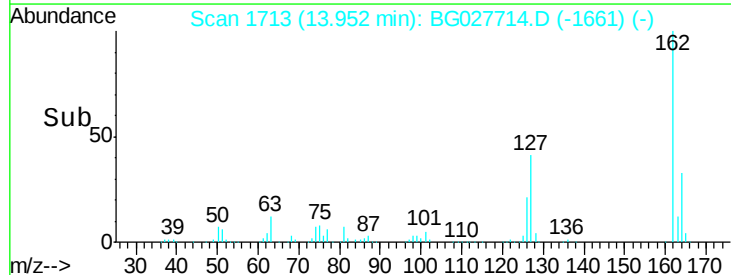
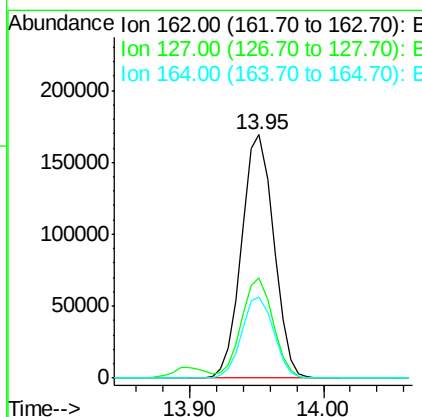
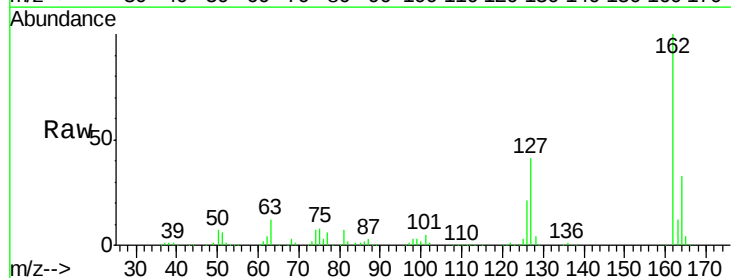
Manual Integrations
APPROVED

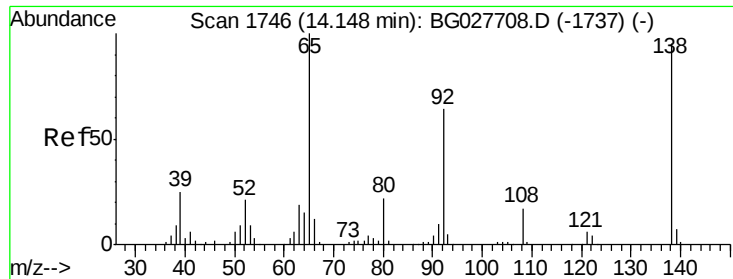
mohammad
6/29/2017 4:48:40 PM



#46
2-Chloronaphthalene
Concen: 43.194 ng
RT: 13.95 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	32.2	48.4
164	33.2	27.3	40.9





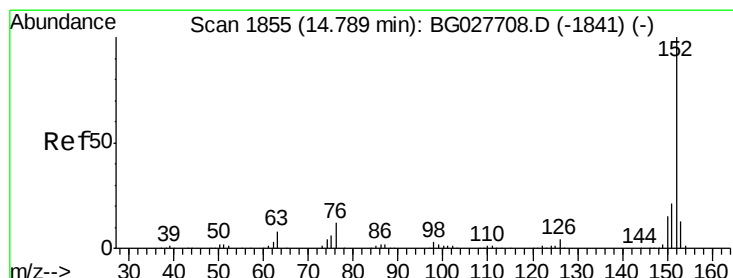
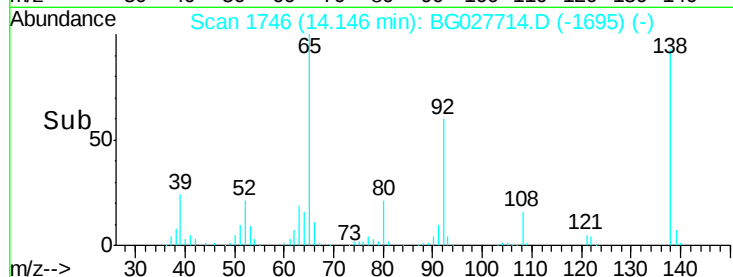
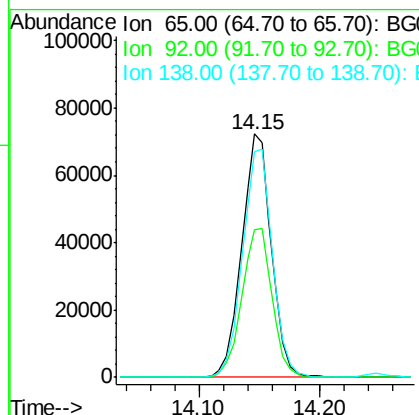
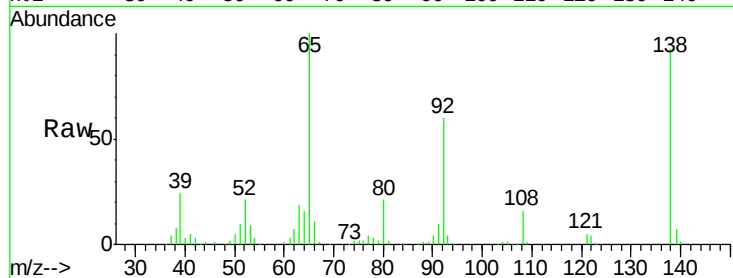
#47
2-Nitroaniline
Concen: 47.181 ng
RT: 14.15 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.4	49.0	73.4
138	92.7	58.6	87.8

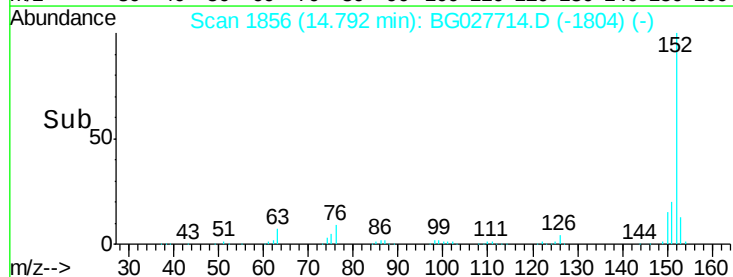
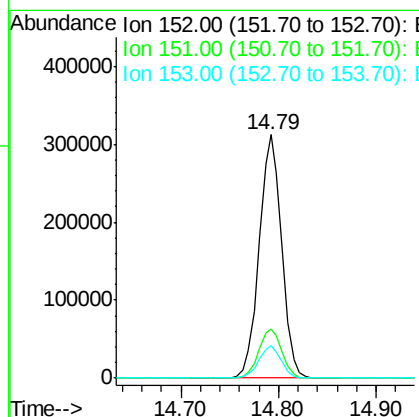
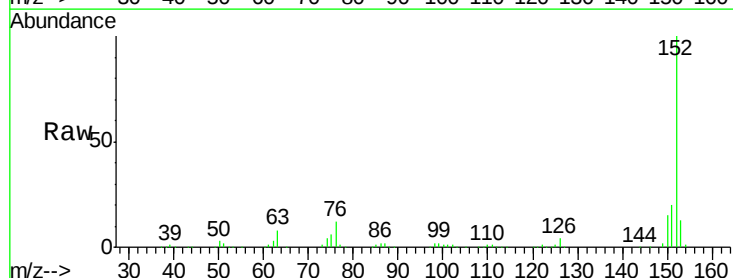
Manual Integrations
APPROVED

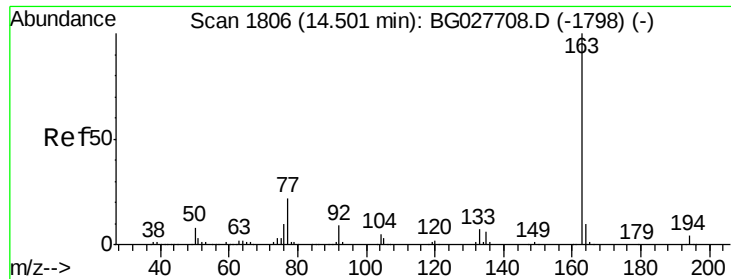
mohammad
6/29/2017 4:48:40 PM



#48
Acenaphthylene
Concen: 42.376 ng
RT: 14.79 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	18.2	27.2
153	13.1	11.3	16.9





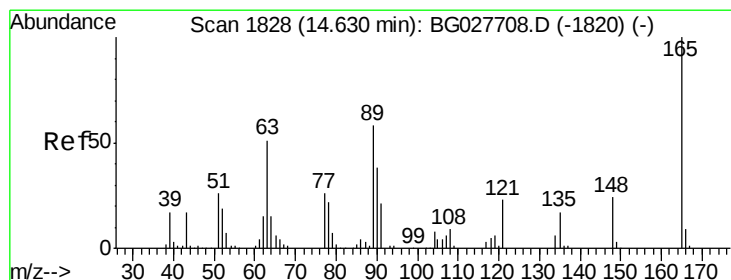
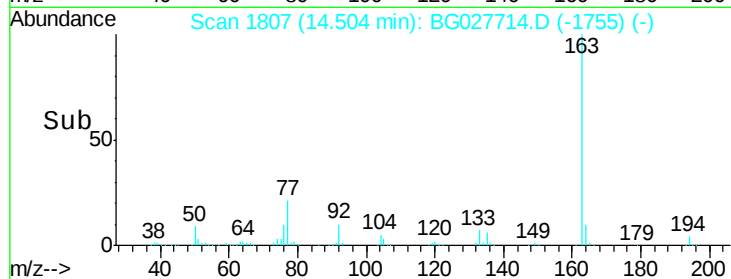
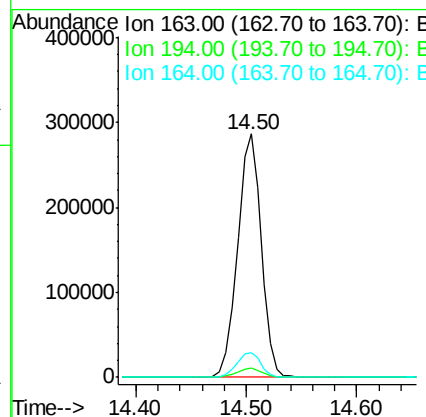
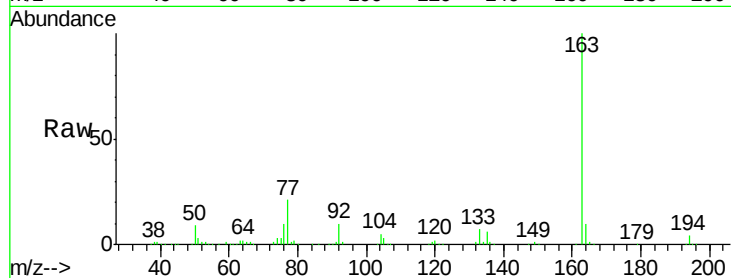
#49
Dimethylphthalate
Concen: 46.699 ng
RT: 14.50 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	429484		
194	3.9		3.8	5.6
164	10.1		9.3	13.9

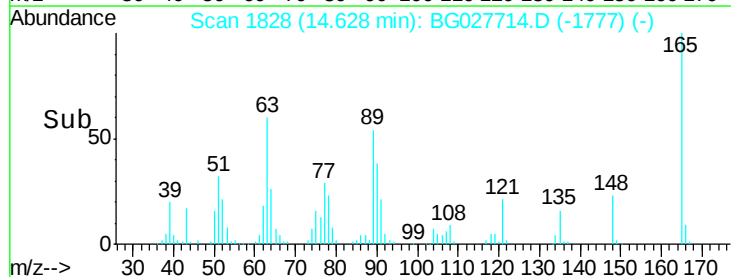
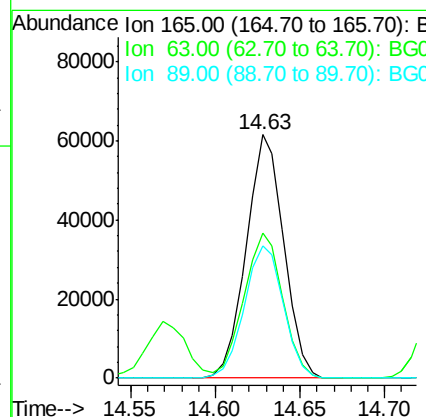
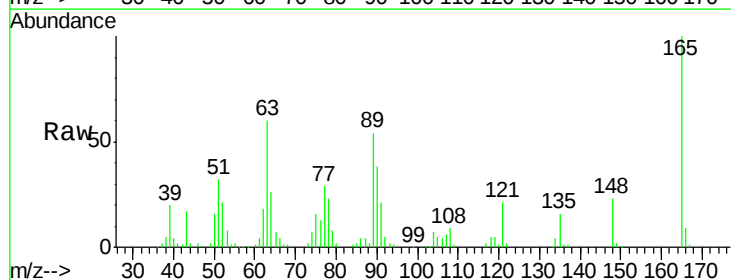
Manual Integrations
APPROVED

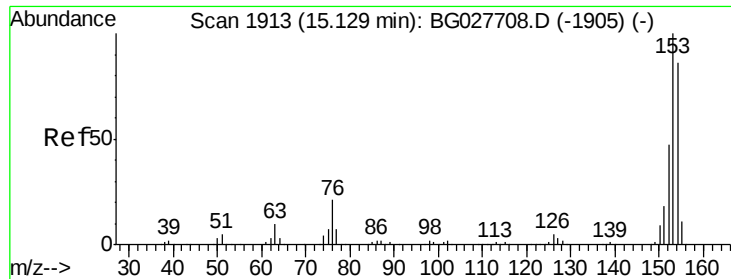
mohammad
6/29/2017 4:48:40 PM



#50
2,6-Dinitrotoluene
Concen: 47.446 ng
RT: 14.63 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	94854		
63	59.6		63.9	95.9#
89	54.2		58.6	88.0#





#51

Acenaphthene

Concen: 41.223 ng

RT: 15.13 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG027714.D

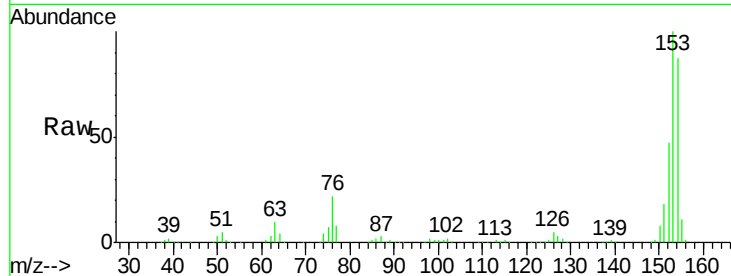
Acq: 28 Jun 2017 18:11

Instrument :

BNA_G

ClientSampleId :

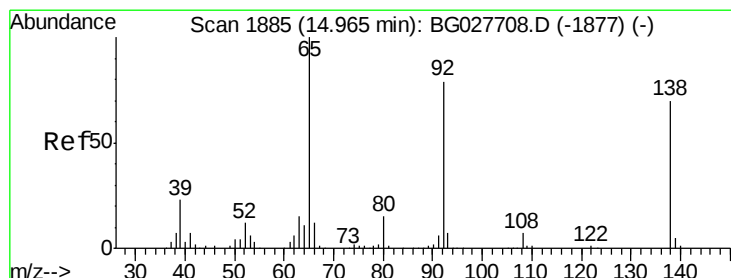
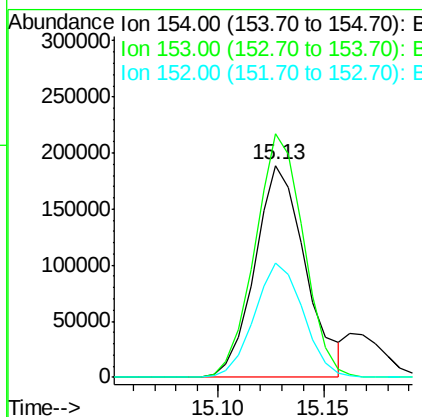
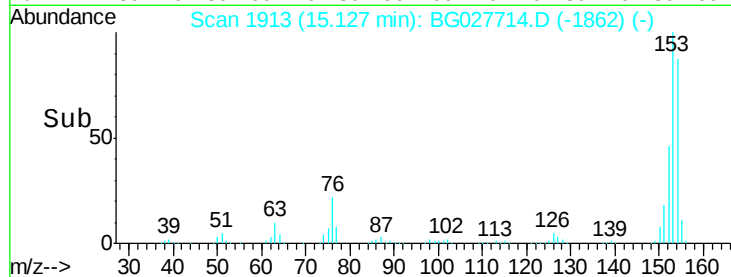
PB100116BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.7	87.8	131.6	
152	54.1	42.2	63.4	

Manual Integrations
APPROVED

mohammad
6/29/2017 4:48:40 PM



#52

3-Nitroaniline

Concen: 16.998 ng

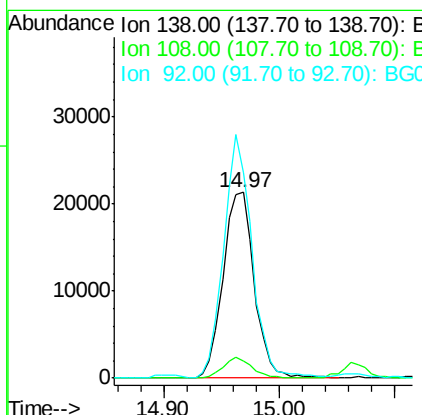
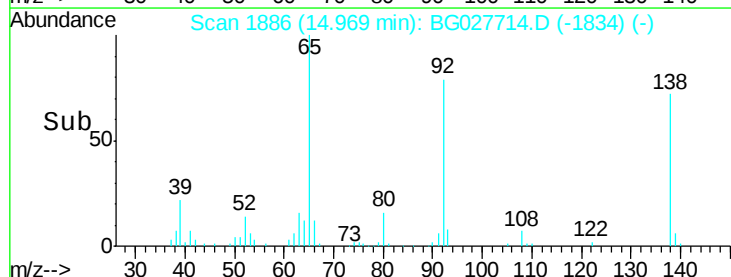
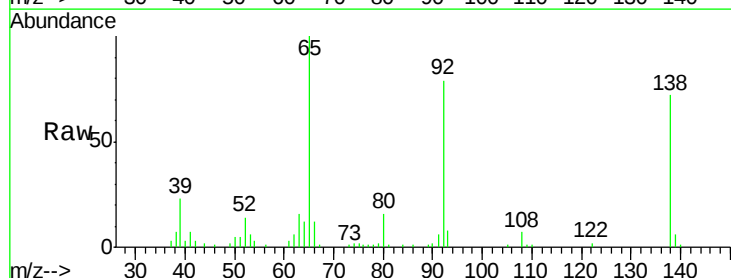
RT: 14.97 min Scan# 1886

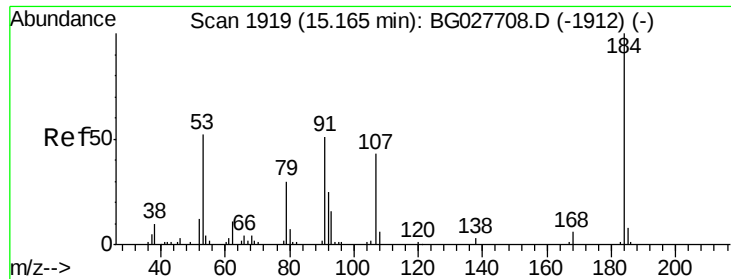
Delta R.T. 0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.5	10.9	16.3#	
92	110.6	115.3	172.9#	





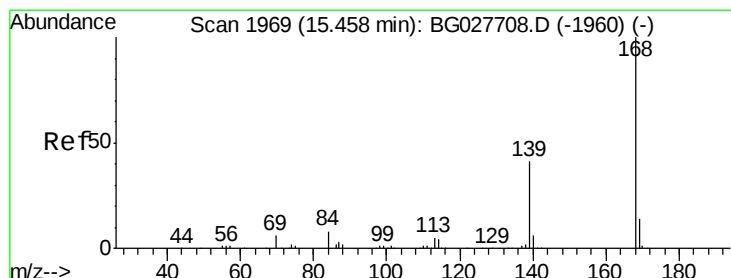
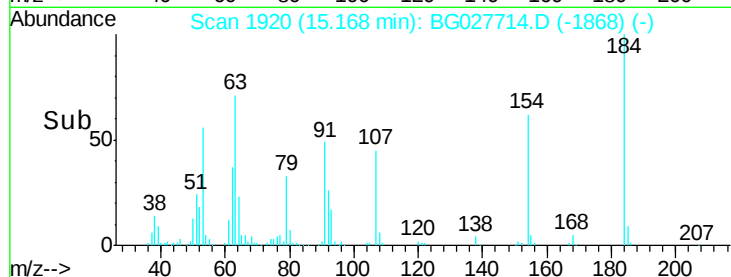
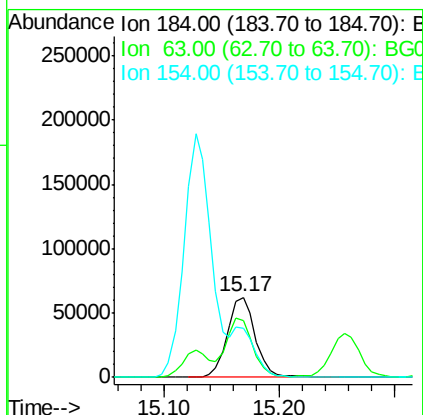
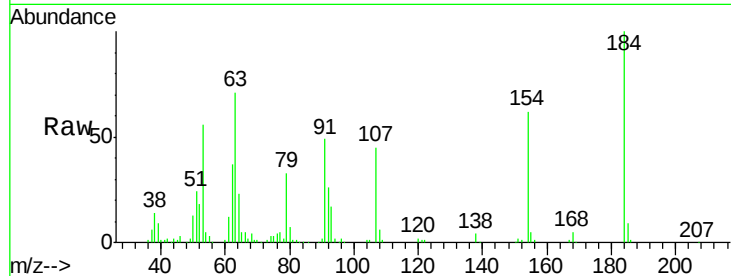
#53
2,4-Dinitrophenol
Concen: 93.530 ng
RT: 15.17 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.9	52.7	79.1
154	61.6	57.3	85.9

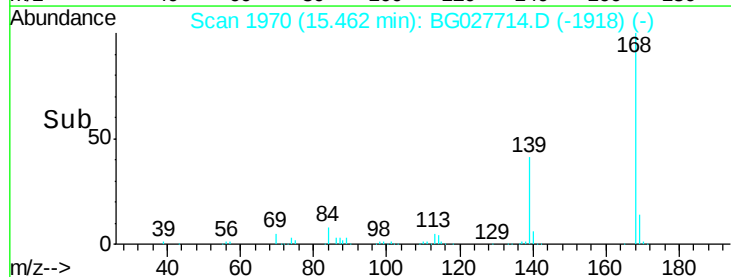
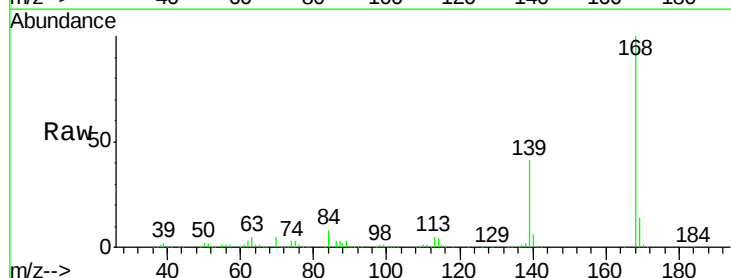
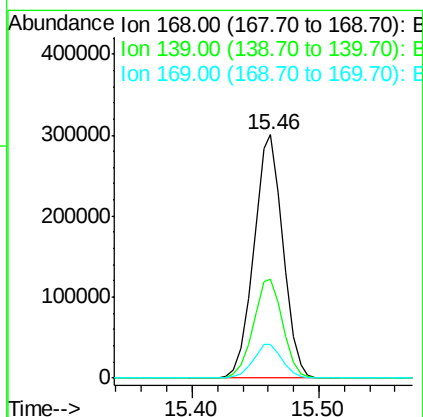
Manual Integrations
APPROVED

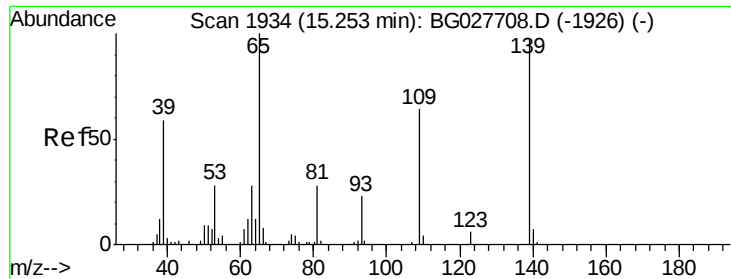
mohammad
6/29/2017 4:48:40 PM



#54
Dibenzofuran
Concen: 47.231 ng
RT: 15.46 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	35.3	52.9
169	13.7	11.5	17.3





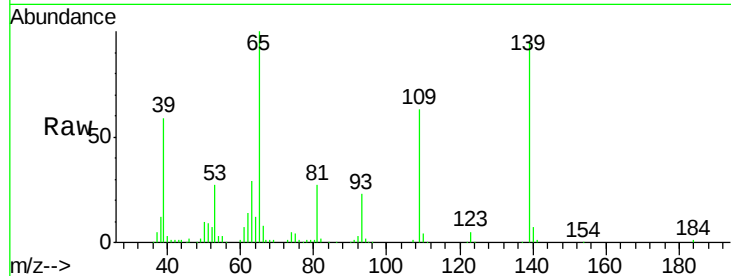
#55
4-Nitrophenol
Concen: 108.792 ng
RT: 15.26 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

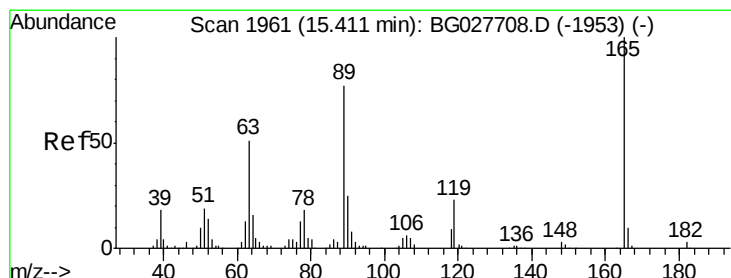
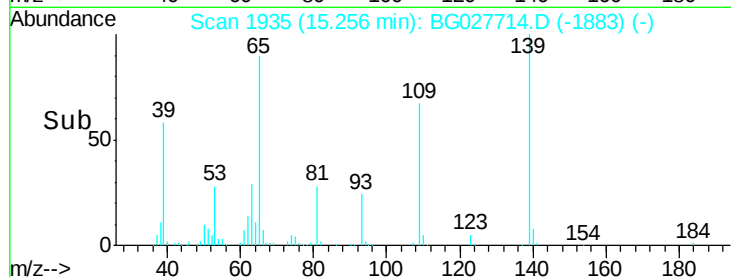
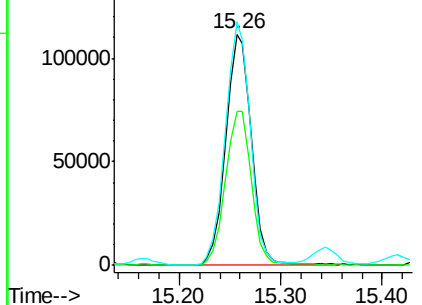
Tgt Ion:139 Resp: 195325
Ion Ratio Lower Upper
139 100
109 66.7 101.2 141.2#
65 105.4 135.3 175.3#

Manual Integrations
APPROVED

mohammad
6/29/2017 4:48:40 PM



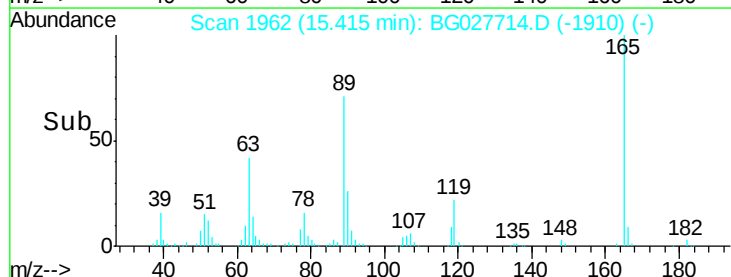
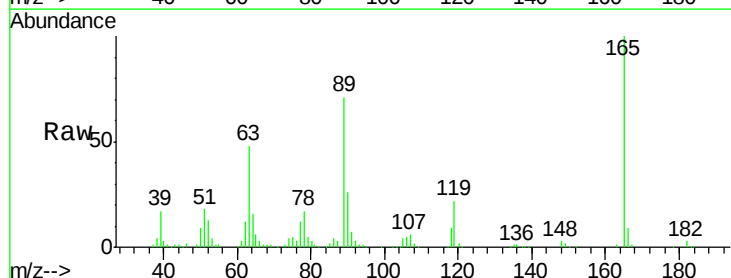
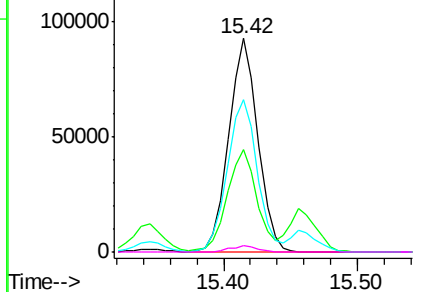
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

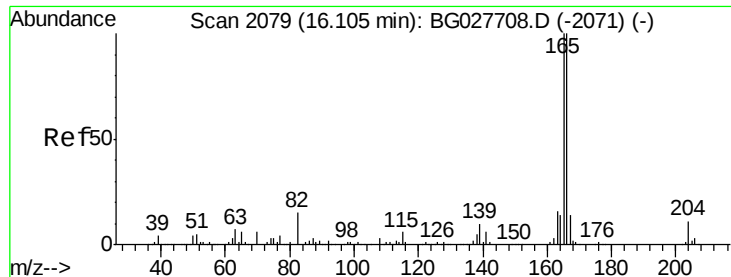


#56
2,4-Dinitrotoluene
Concen: 50.546 ng
RT: 15.42 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion:165 Resp: 140946
Ion Ratio Lower Upper
165 100
63 47.8 44.0 66.0
89 71.3 67.3 100.9
182 3.2 3.8 5.6#

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





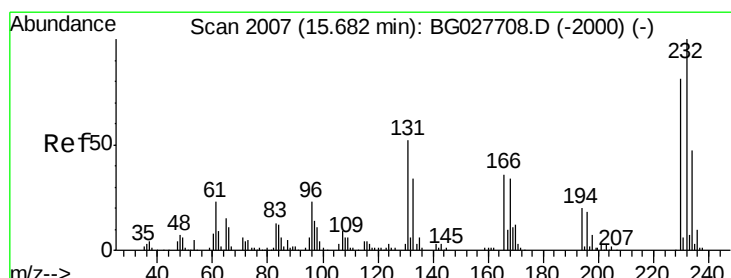
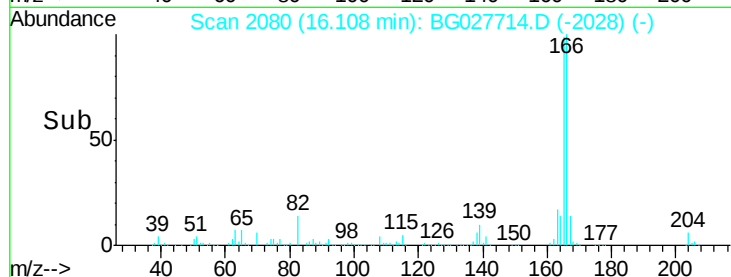
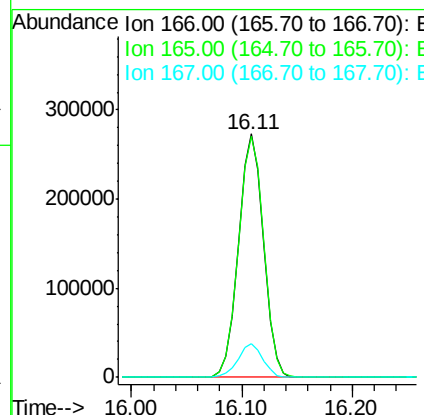
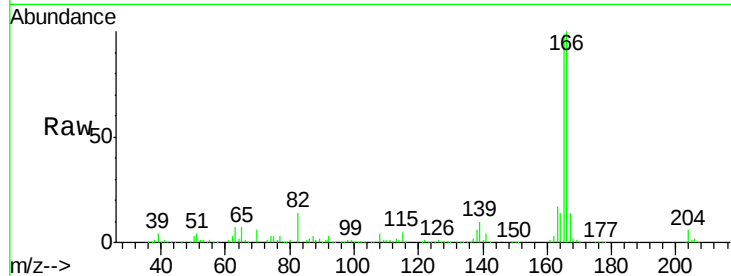
#57
 Fluorene
 Concen: 44.086 ng
 RT: 16.11 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	432099		
165	98.8	78.6	117.8	
167	13.8	11.6	17.4	

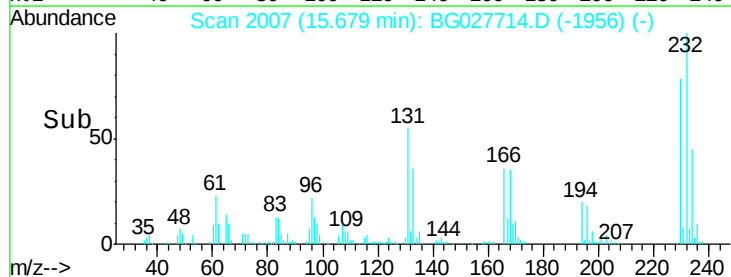
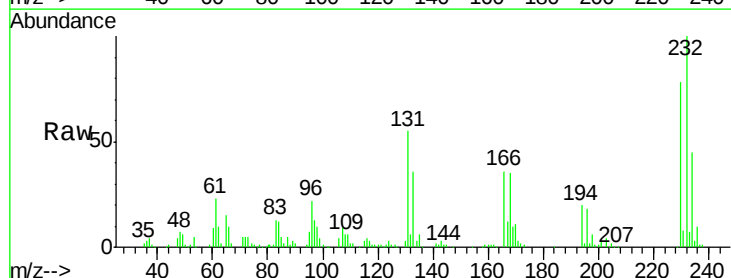
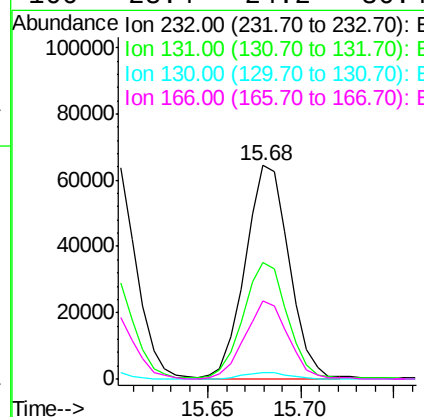
Manual Integrations
 APPROVED

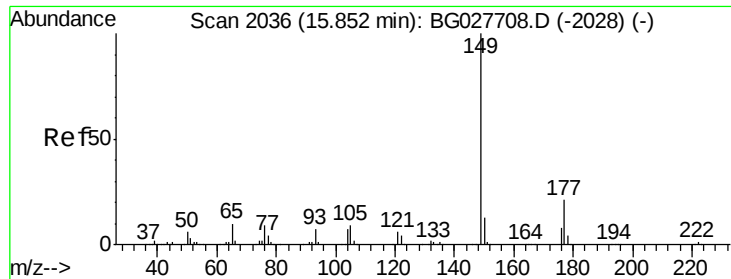
mohammad
 6/29/2017 4:48:40 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.251 ng m
 RT: 15.68 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	106425		
131	46.3	34.9	52.3	
130	2.8	2.3	3.5	
166	28.4	24.2	36.4	





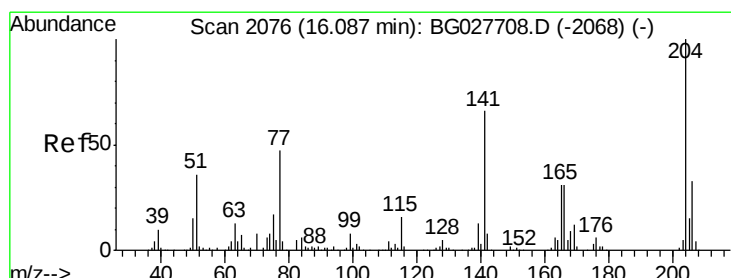
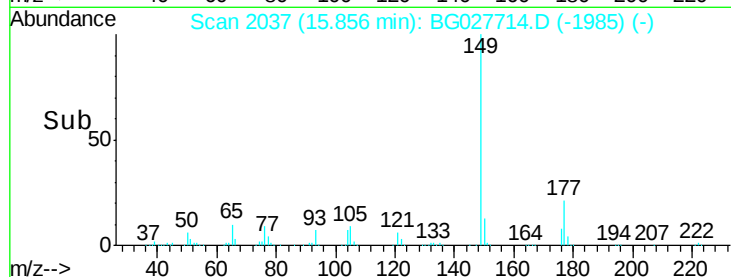
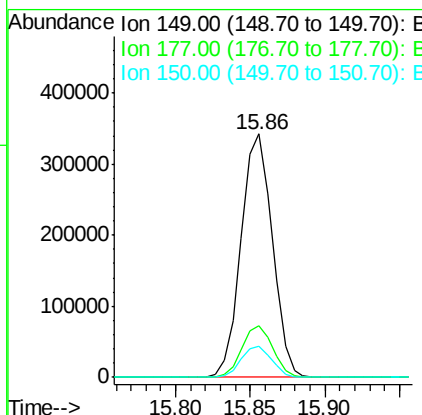
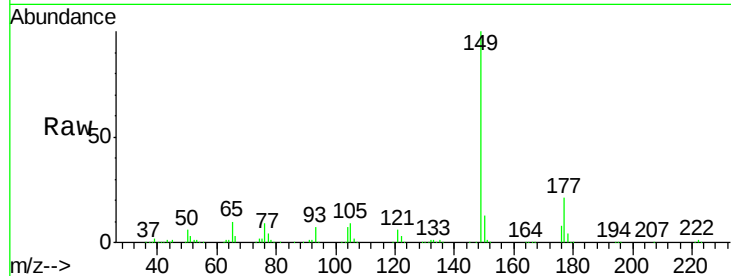
#59
Diethylphthalate
Concen: 48.870 ng
RT: 15.86 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	497671		
177	21.2	20.1	30.1	
150	12.6	10.2	15.2	

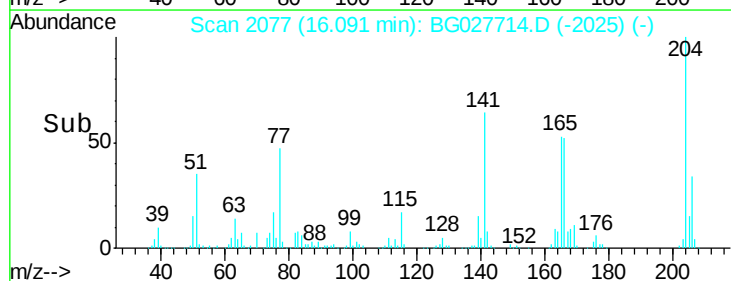
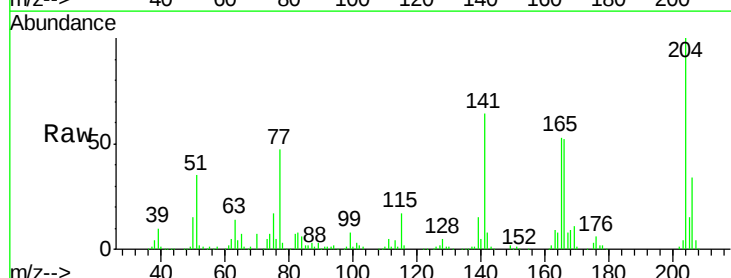
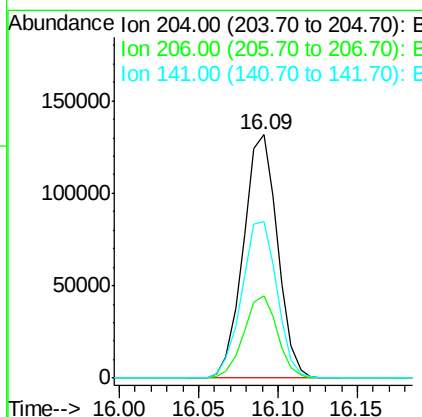
Manual Integrations
APPROVED

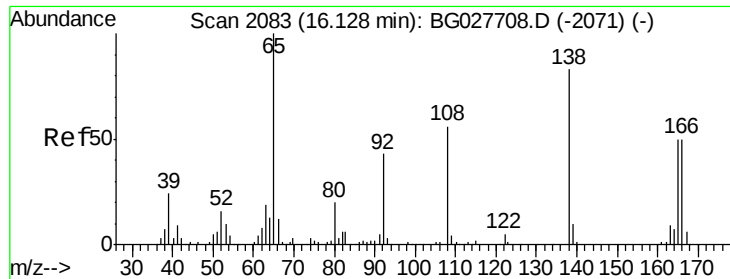
mohammad
6/29/2017 4:48:40 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.315 ng
RT: 16.09 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	196614		
206	33.7	30.1	45.1	
141	64.5	50.6	76.0	





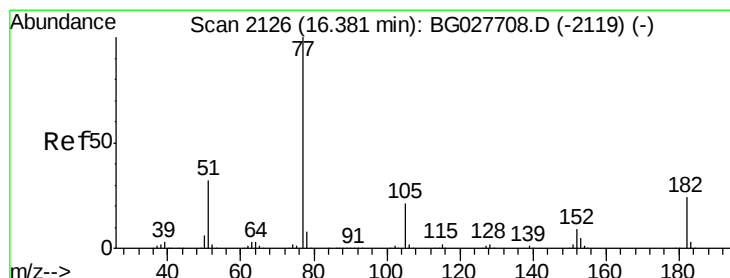
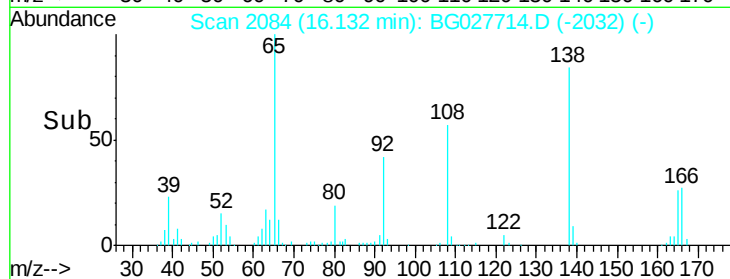
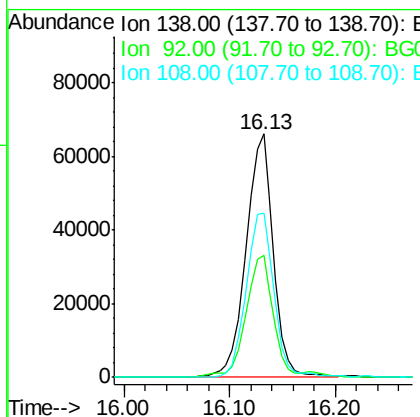
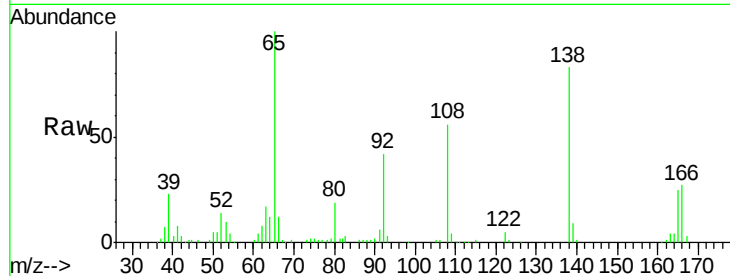
#61
4-Nitroaniline
Concen: 48.444 ng
RT: 16.13 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	44.2	84.2
108	67.4	104.8	144.8

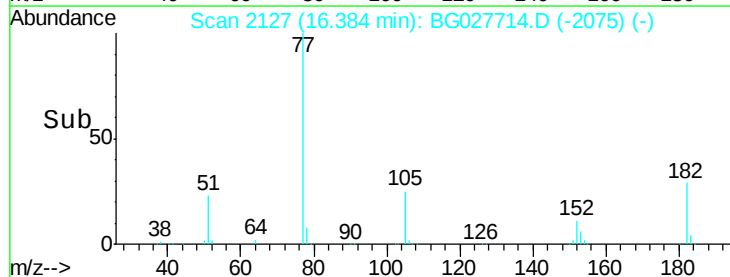
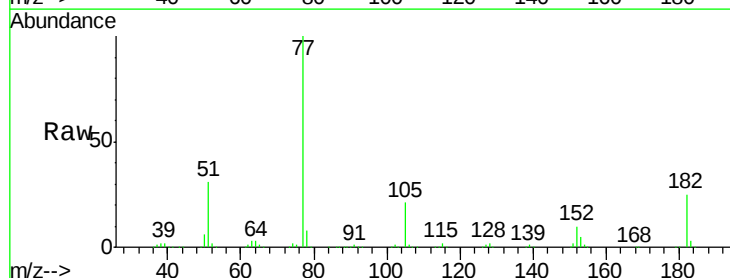
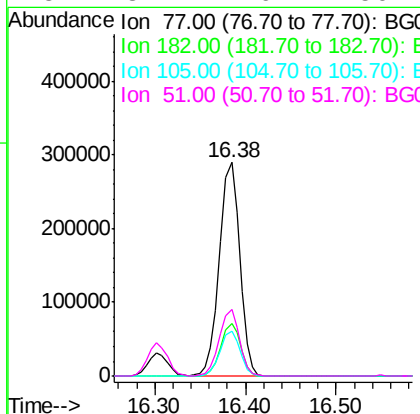
Manual Integrations
APPROVED

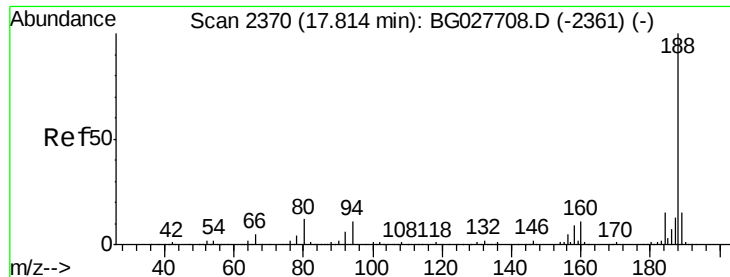
mohammad
6/29/2017 4:48:40 PM



#62
Azobenzene
Concen: 50.590 ng
RT: 16.38 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.7	44.7
105	21.1	0.0	36.3
51	31.1	16.4	56.4





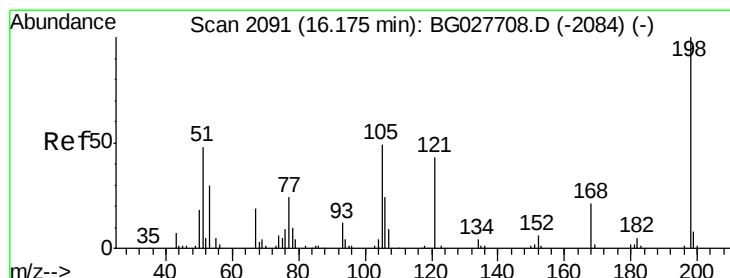
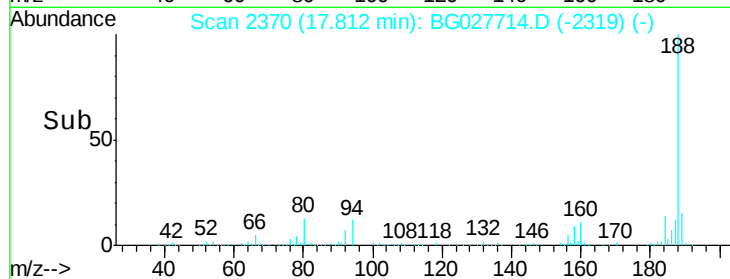
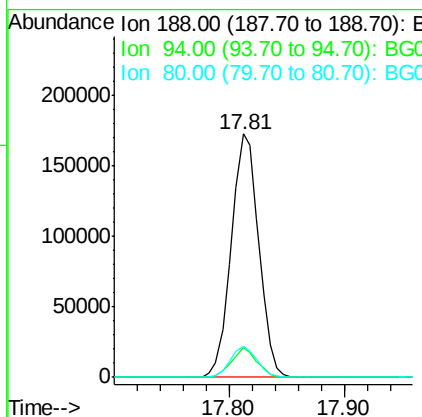
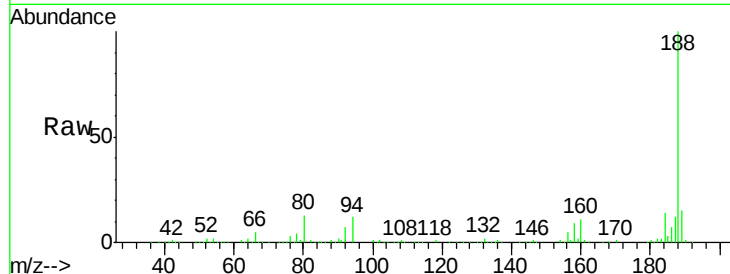
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.81 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.3	5.8	8.8#
80	12.7	7.5	11.3#

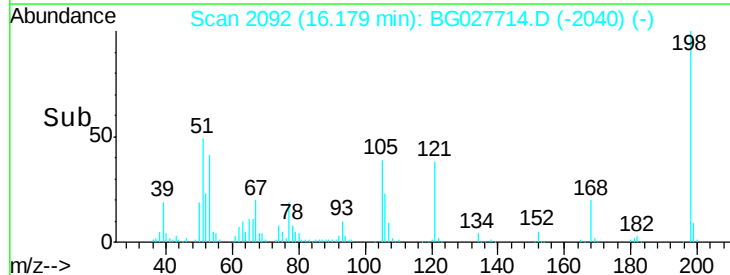
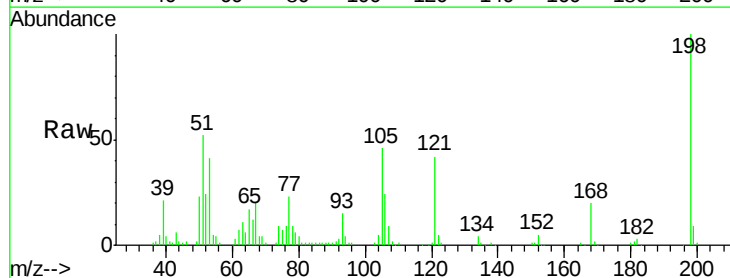
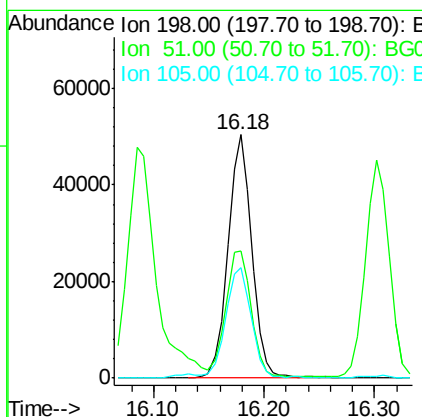
Manual Integrations
 APPROVED

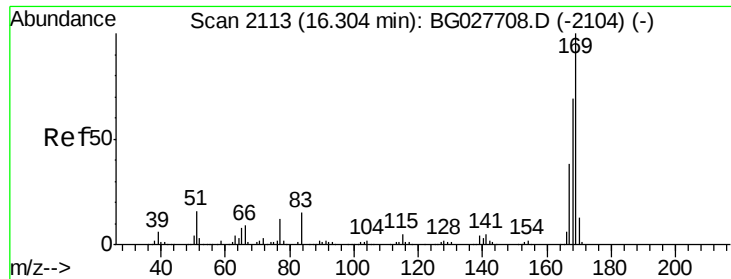
mohammad
 6/29/2017 4:48:40 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.630 ng
 RT: 16.18 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	52.1	22.6	62.6
105	45.6	14.4	54.4





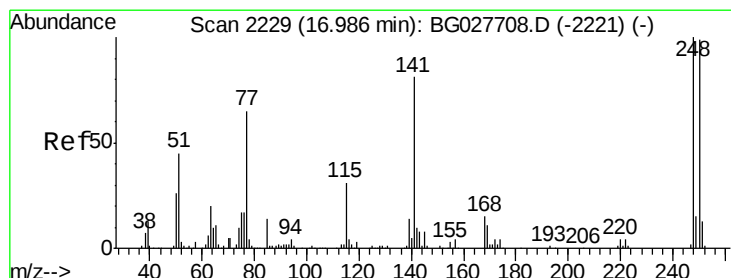
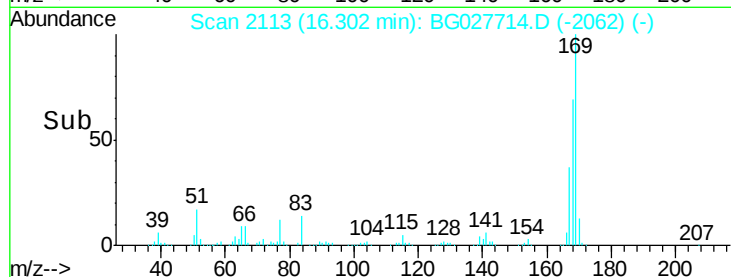
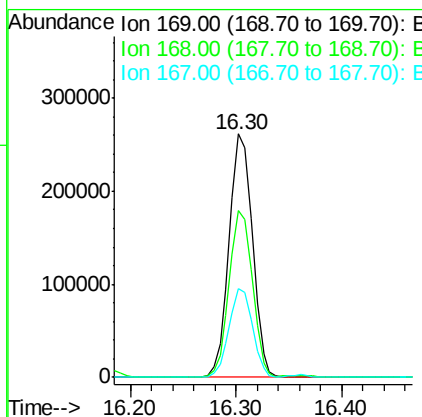
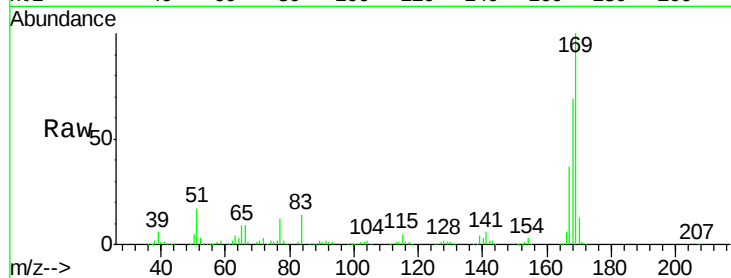
#65
n-Nitrosodiphenylamine
Concen: 43.222 ng
RT: 16.30 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	399403		
168	68.6	55.7	83.5	
167	36.6	29.8	44.6	

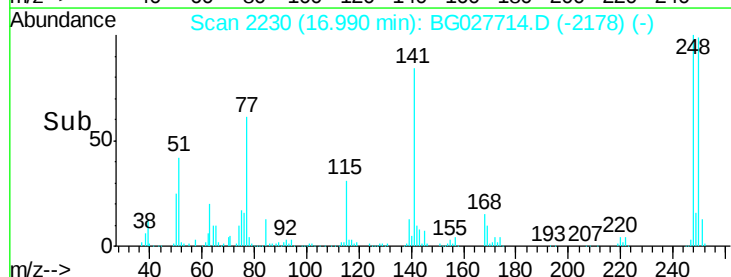
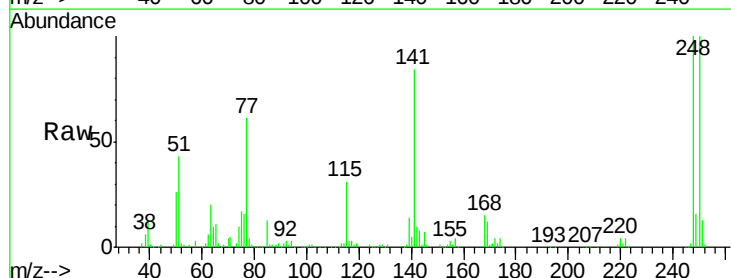
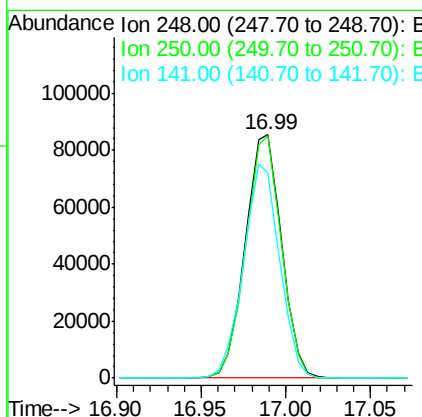
Manual Integrations
APPROVED

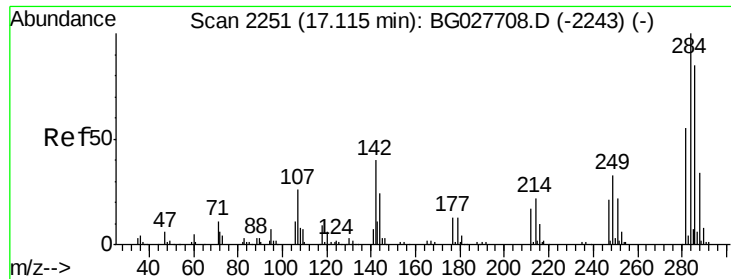
mohammad
6/29/2017 4:48:40 PM



#66
4-Bromophenyl-phenylether
Concen: 43.095 ng
RT: 16.99 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	128038		
250	99.5	75.0	112.6	
141	84.4	55.2	82.8	





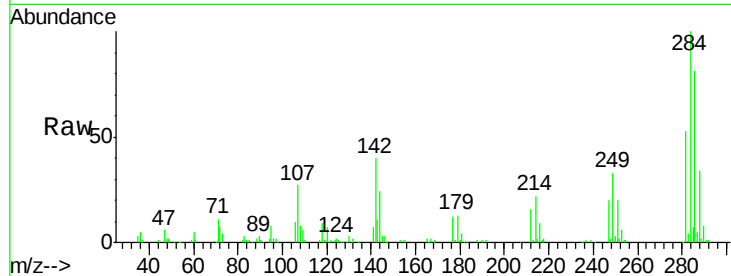
#67
Hexachlorobenzene
Concen: 42.735 ng
RT: 17.11 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

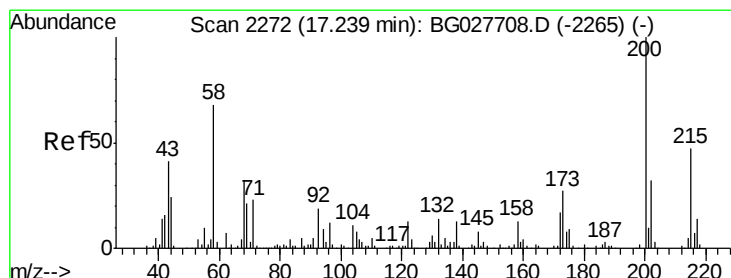
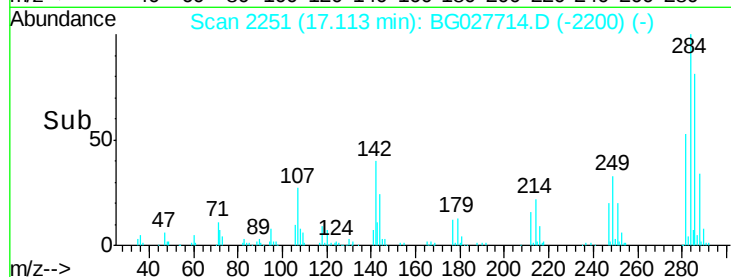
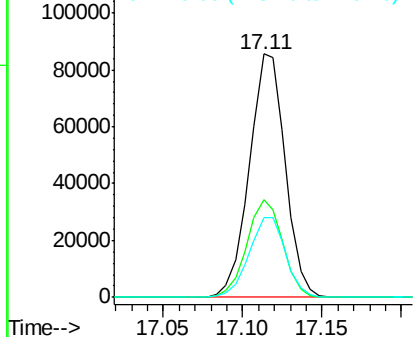
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	134464		
142	40.0	29.9	44.9	
249	32.6	29.2	43.8	

Manual Integrations
APPROVED

mohammad
6/29/2017 4:48:40 PM

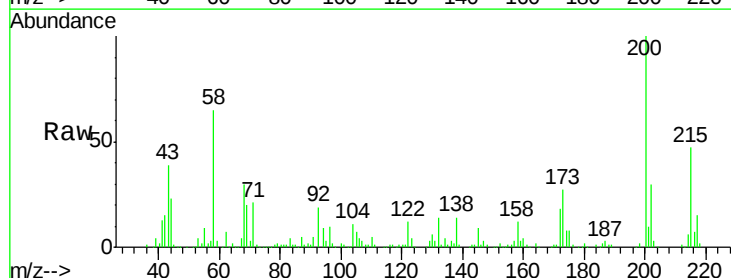


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

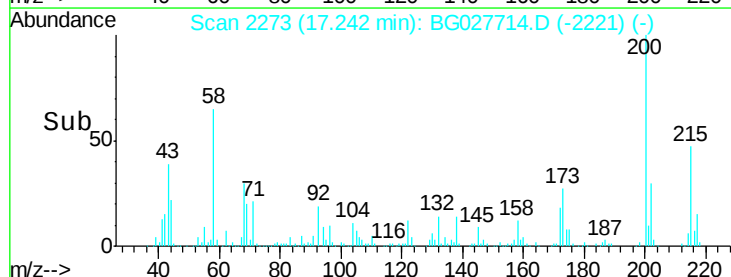
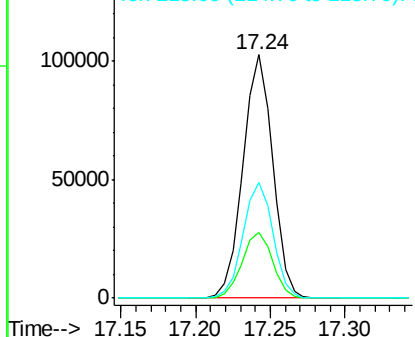


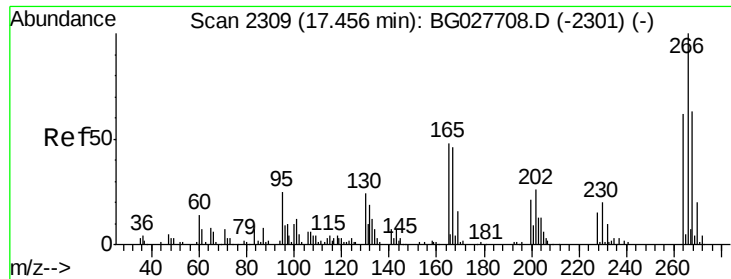
#68
Atrazine
Concen: 48.367 ng
RT: 17.24 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	141105		
173	27.0	3.0	43.0	
215	47.4	28.4	68.4	



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





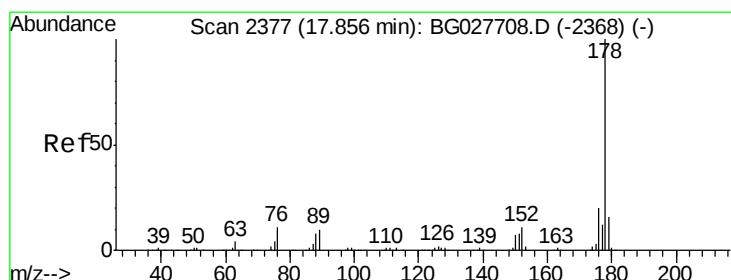
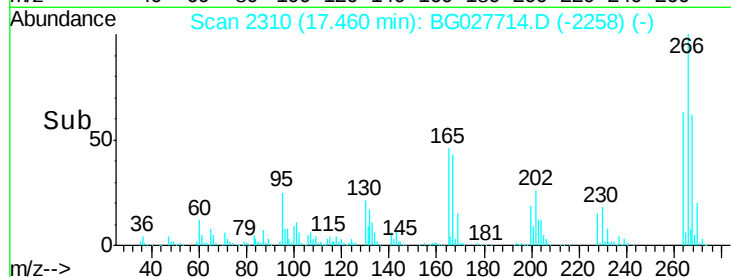
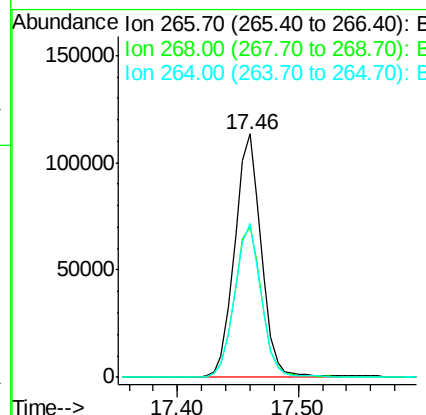
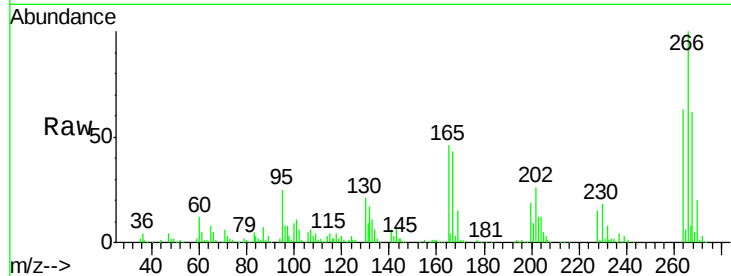
#69
 Pentachlorophenol
 Concen: 86.175 ng
 RT: 17.46 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	174150		
268	61.5	48.6	72.8	
264	63.4	50.1	75.1	

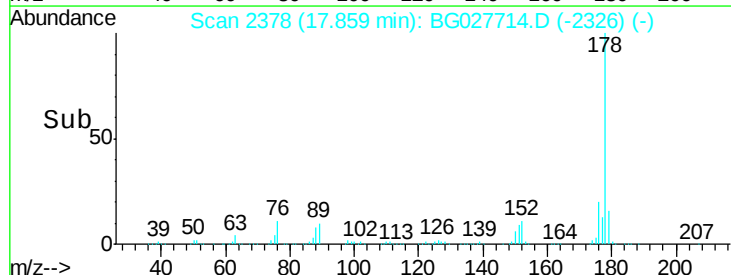
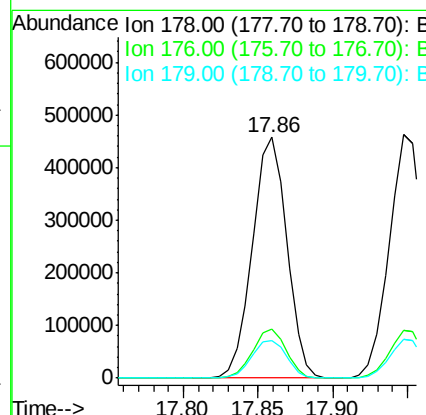
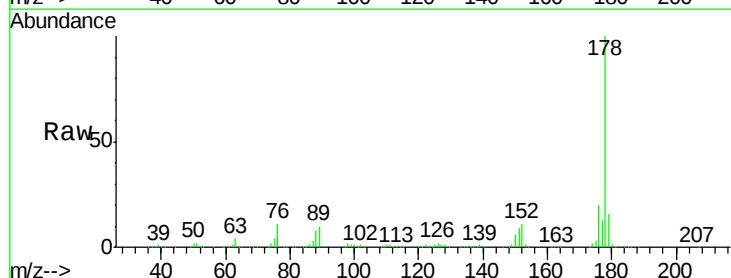
Manual Integrations
 APPROVED

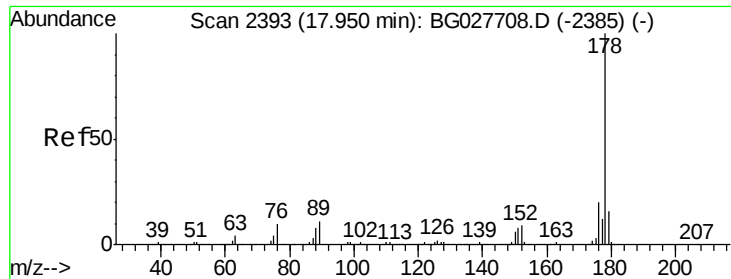
mohammad
 6/29/2017 4:48:40 PM



#70
 Phenanthrene
 Concen: 44.495 ng
 RT: 17.86 min Scan# 2378
 Delta R.T. 0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	729686		
176	20.3	17.7	26.5	
179	15.7	15.0	22.6	





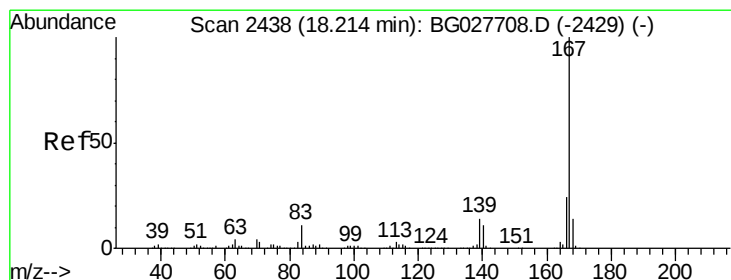
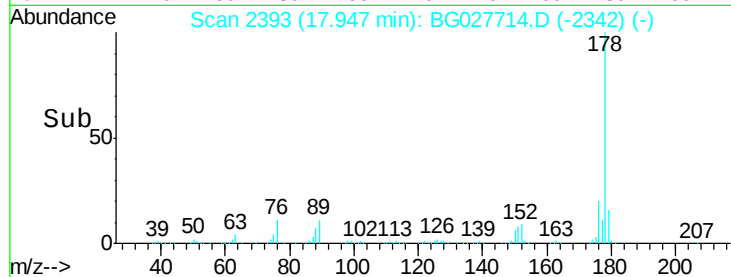
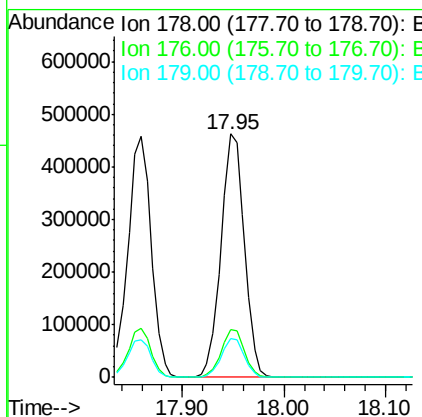
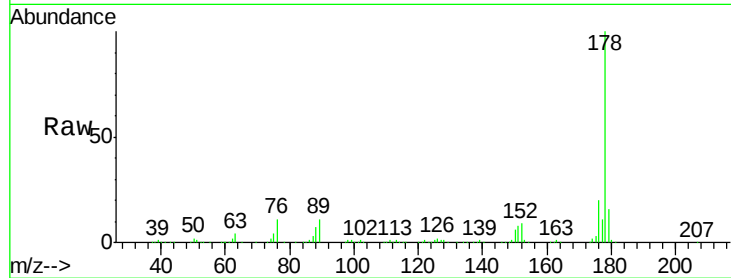
#71
 Anthracene
 Concen: 44.745 ng
 RT: 17.95 min Scan# 2393
 Delta R.T. -0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	16.2	13.8	20.8

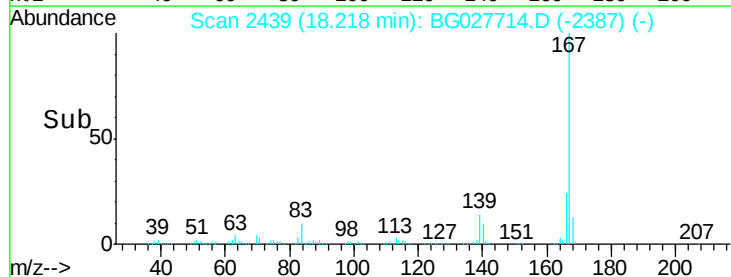
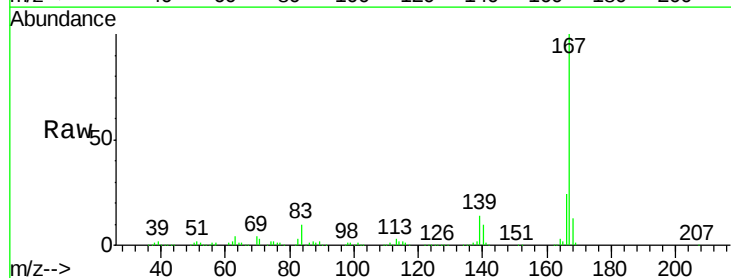
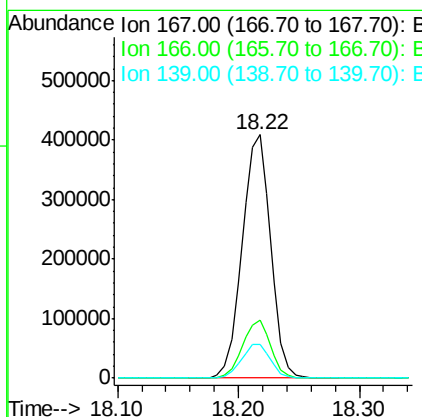
Manual Integrations
 APPROVED

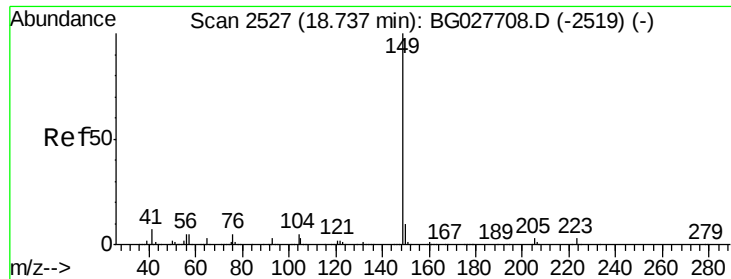
mohammad
 6/29/2017 4:48:40 PM



#72
 Carbazole
 Concen: 41.147 ng
 RT: 18.22 min Scan# 2439
 Delta R.T. 0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	20.2	30.2
139	13.8	12.8	19.2





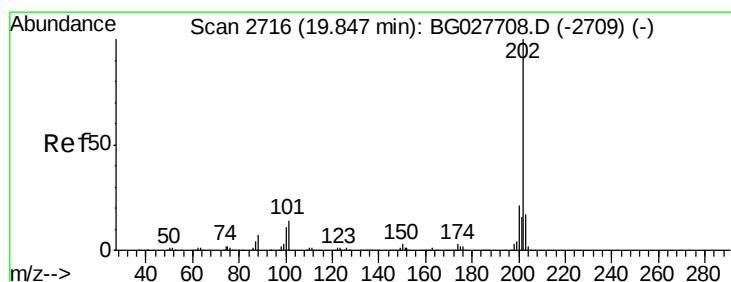
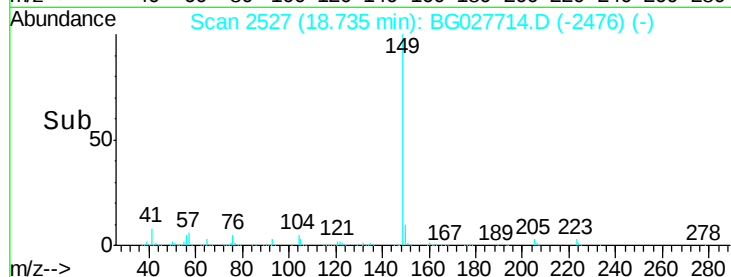
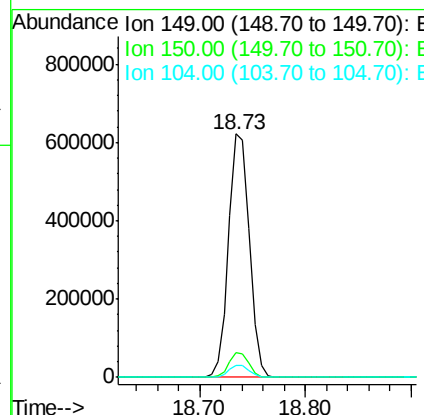
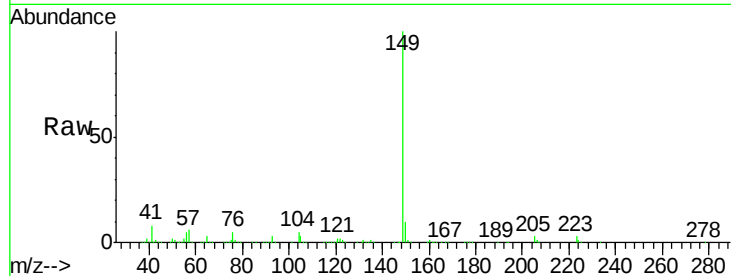
#73
Di-n-butylphthalate
Concen: 47.340 ng
RT: 18.73 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	10.0	9.1	13.7
104	5.2	6.7	10.1

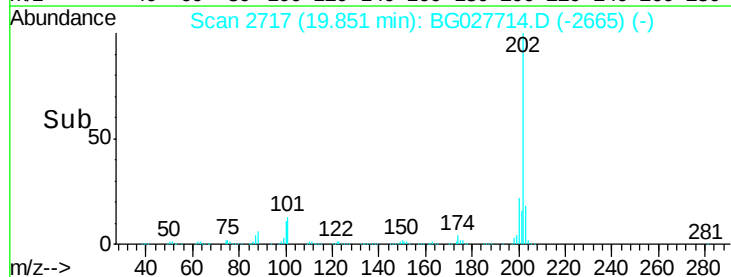
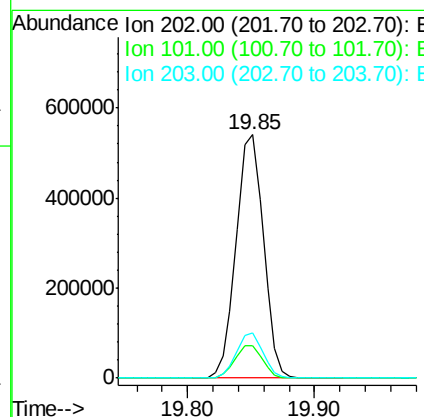
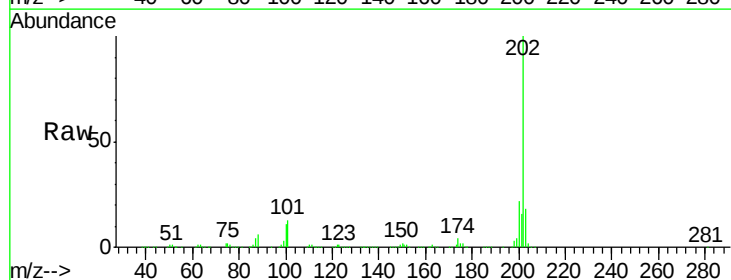
Manual Integrations
APPROVED

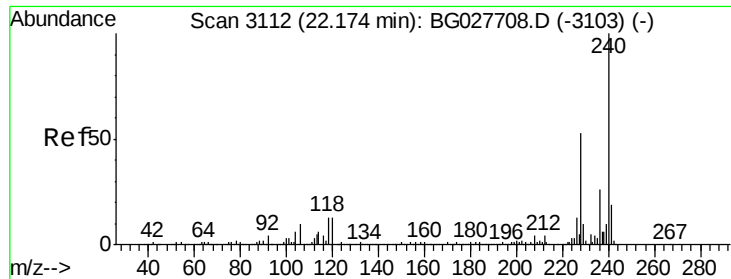
mohammad
6/29/2017 4:48:40 PM



#74
Fluoranthene
Concen: 44.987 ng
RT: 19.85 min Scan# 2717
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.1	0.0	30.1
203	18.4	1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.18 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

Instrument :

BNA_G

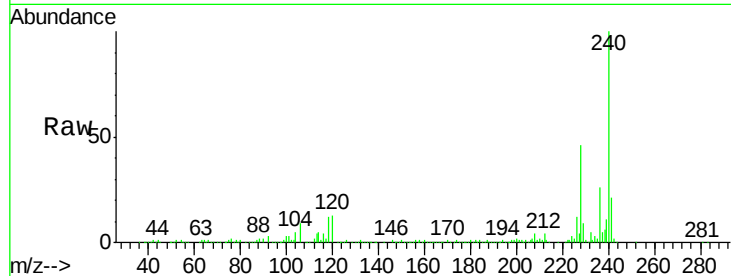
ClientSampleId :

PB100116BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.7	8.5#
236	26.1	22.2	33.4

Manual Integrations
APPROVED

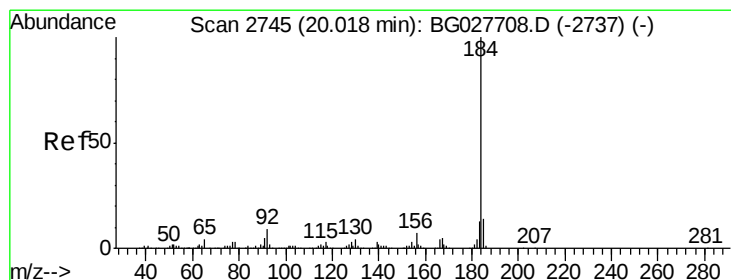
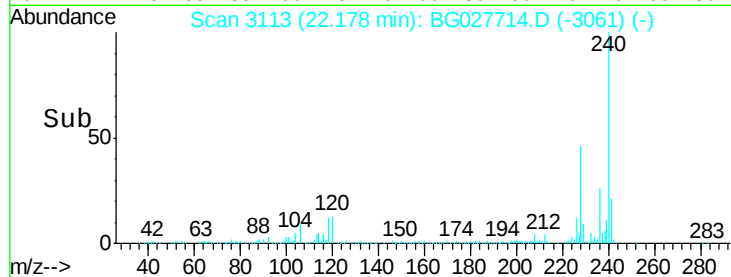
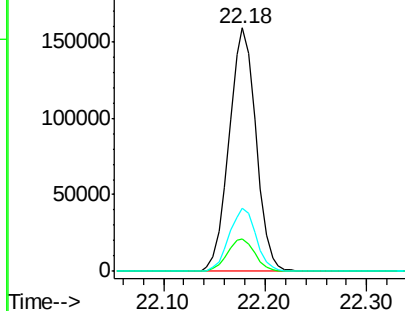
mohammad
6/29/2017 4:48:40 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.130 ng

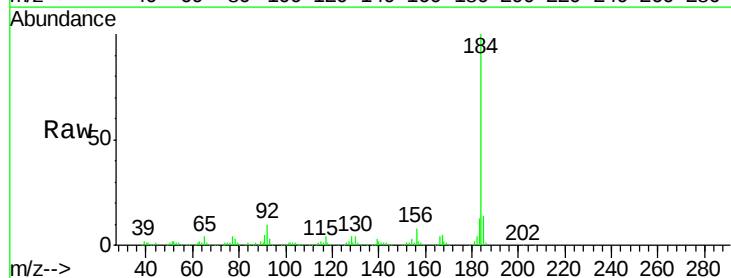
RT: 20.02 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

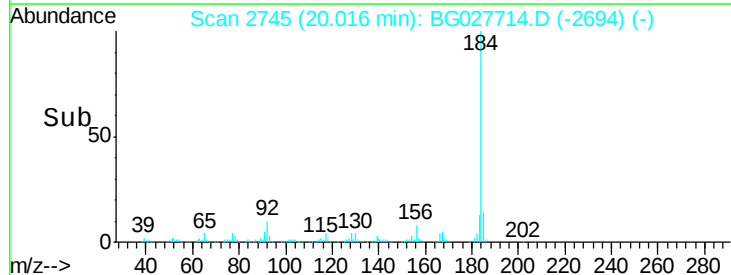
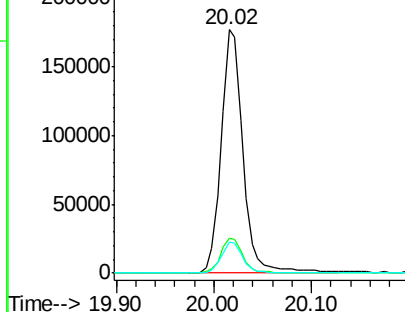
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.0	19.6
183	12.8	11.0	16.6

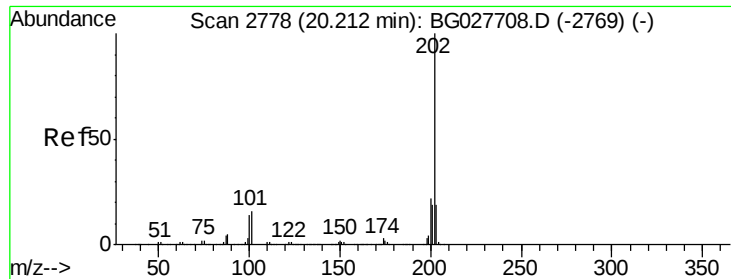


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





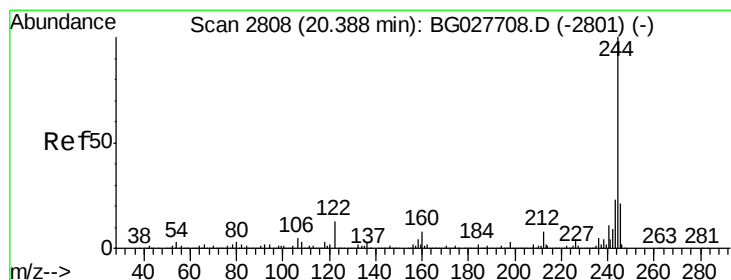
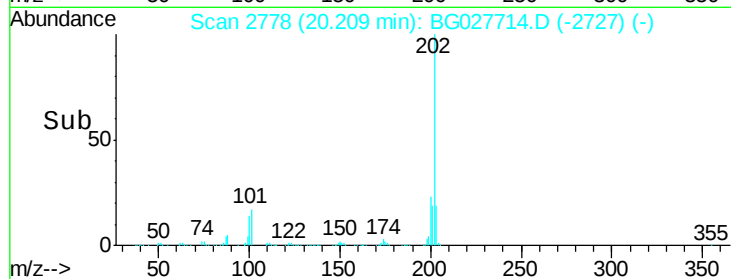
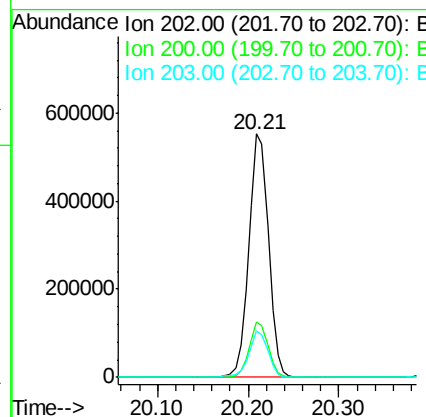
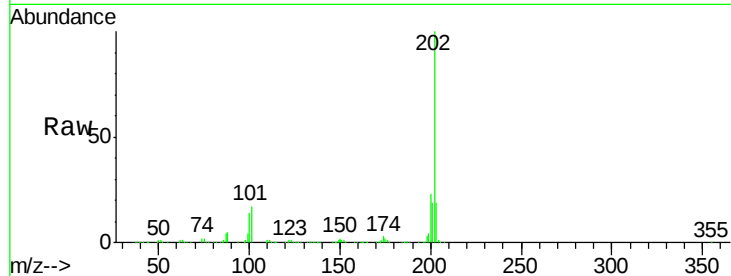
#77
 Pyrene
 Concen: 45.160 ng
 RT: 20.21 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	825943		
200	22.6		19.6	29.4
203	18.9		15.8	23.8

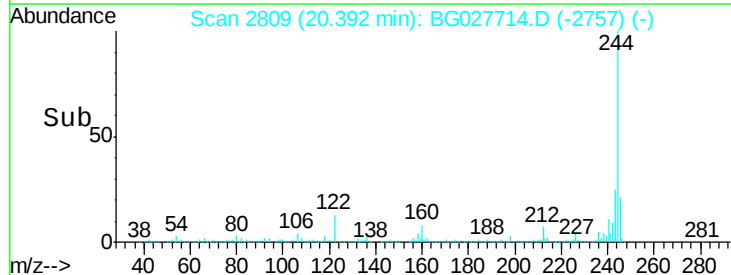
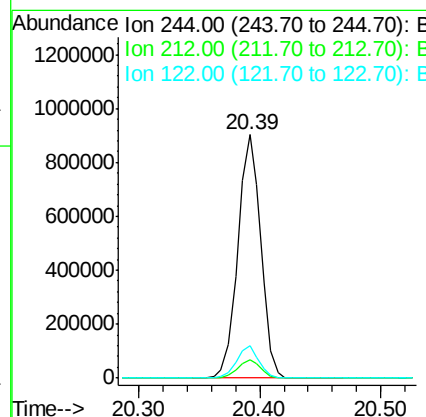
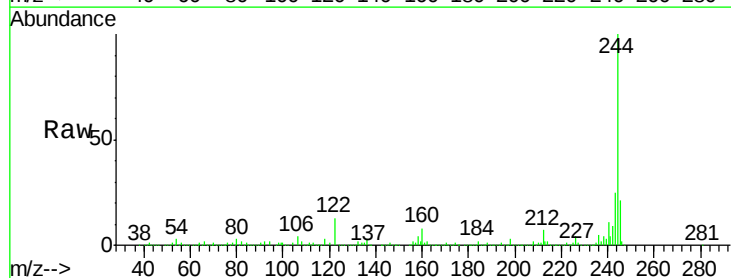
Manual Integrations
 APPROVED

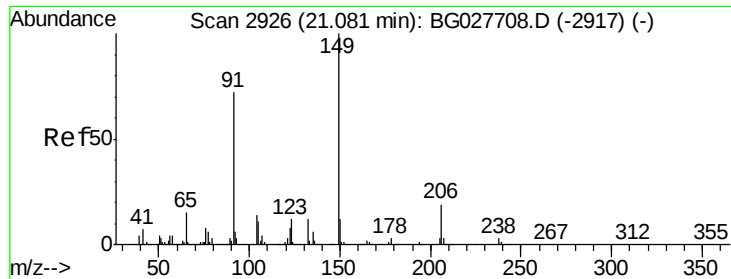
mohammad
 6/29/2017 4:48:40 PM



#78
 Terphenyl-d14
 Concen: 95.753 ng
 RT: 20.39 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1190310		
212	7.4		10.0	15.0#
122	13.1		8.6	12.8#





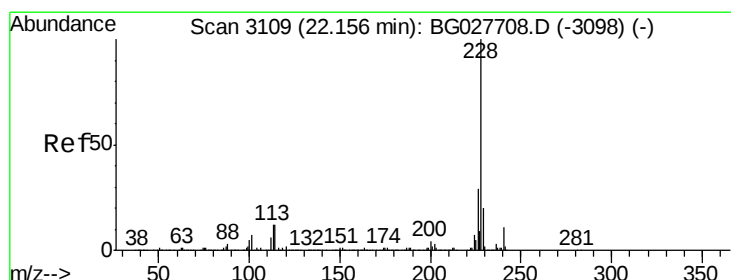
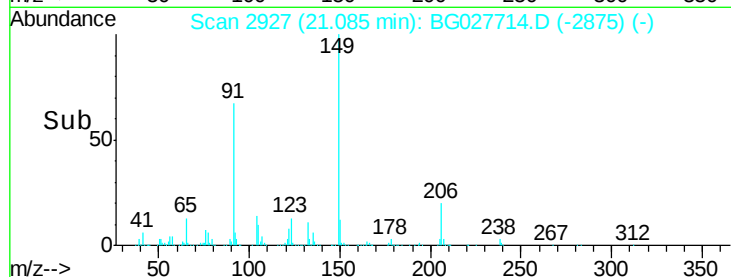
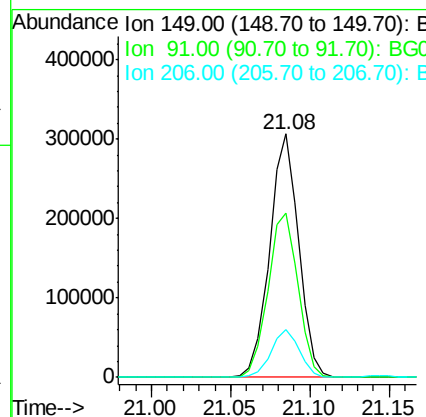
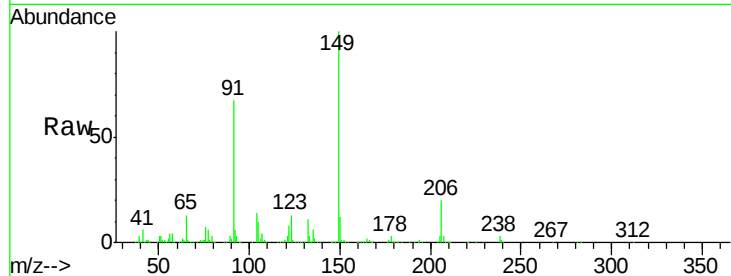
#79
Butylbenzylphthalate
Concen: 47.398 ng
RT: 21.08 min Scan# 2927
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	67.4	63.5	95.3
206	19.7	21.0	31.6

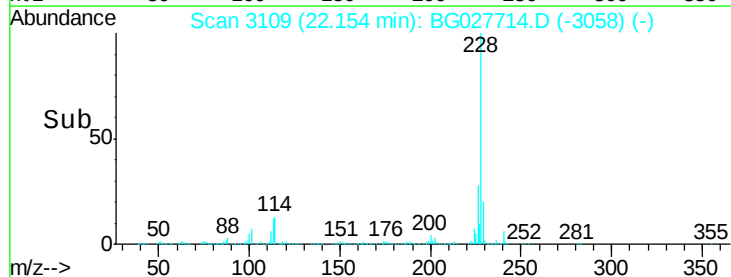
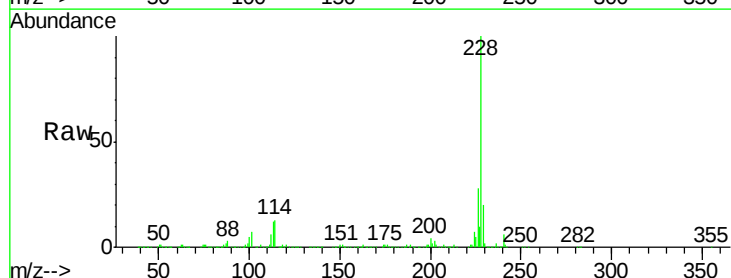
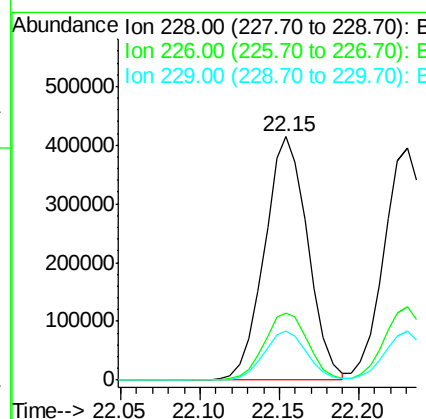
Manual Integrations
APPROVED

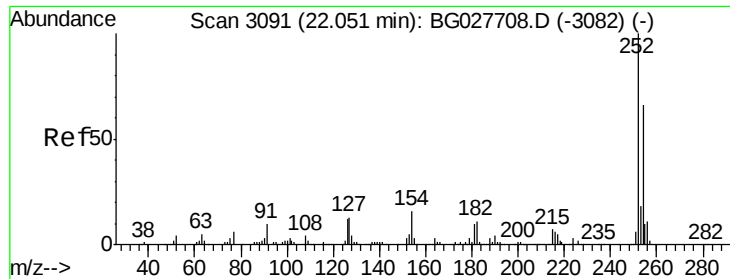
mohammad
6/29/2017 4:48:40 PM



#80
Benzo(a)anthracene
Concen: 44.456 ng
RT: 22.15 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	24.9	37.3
229	20.2	18.2	27.2





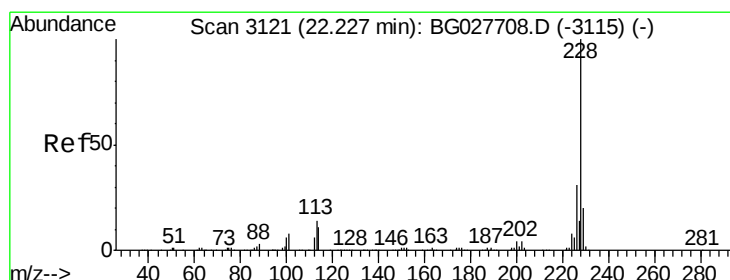
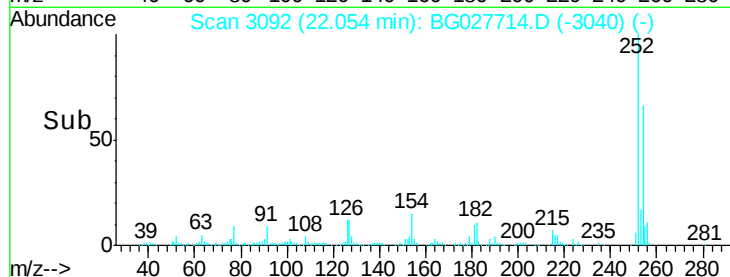
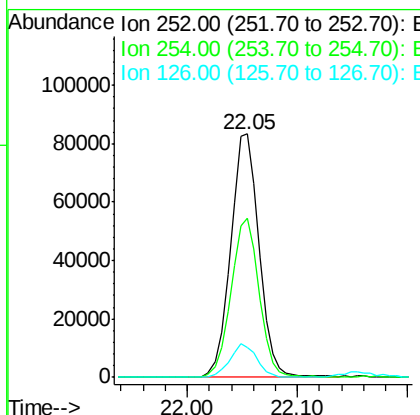
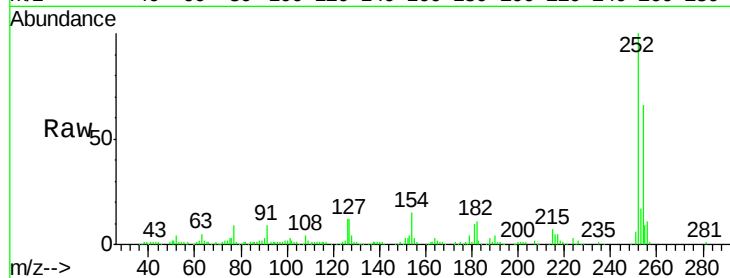
#81
 3,3'-Dichlorobenzidine
 Concen: 23.588 ng
 RT: 22.05 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	150845		
254	65.6	53.1	79.7	
126	12.3	7.0	10.4	

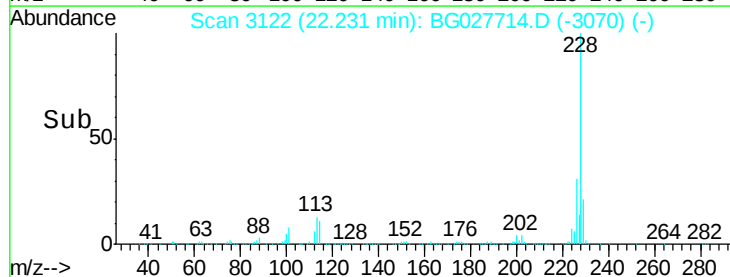
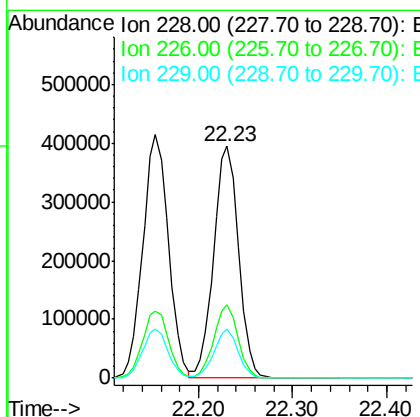
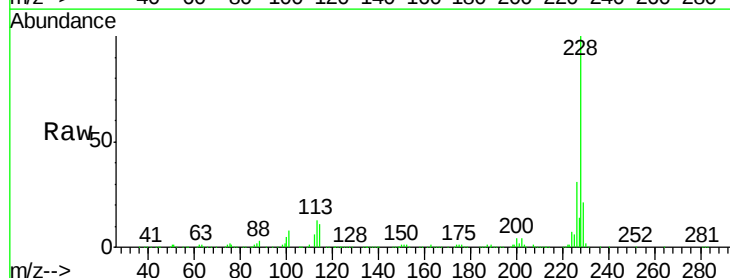
Manual Integrations
 APPROVED

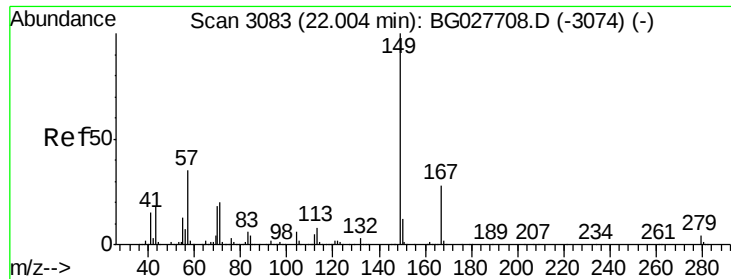
mohammad
 6/29/2017 4:48:40 PM



#82
 Chrysene
 Concen: 44.346 ng
 RT: 22.23 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	732386		
226	31.4	27.0	40.4	
229	21.2	17.8	26.6	





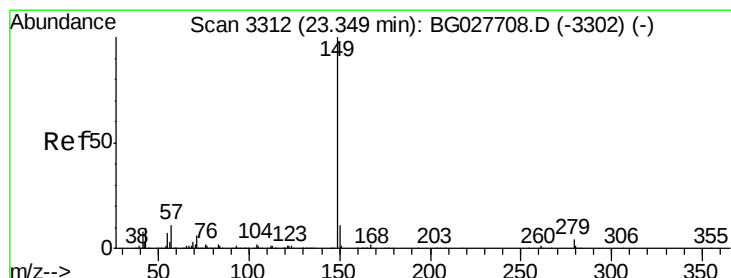
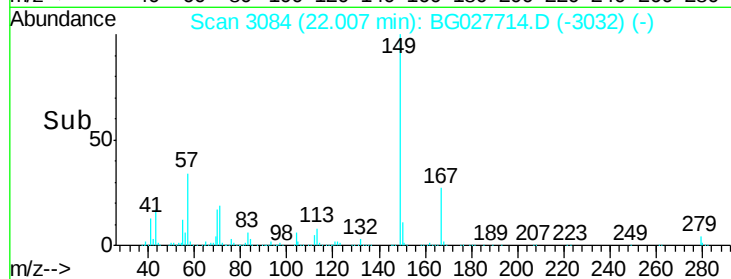
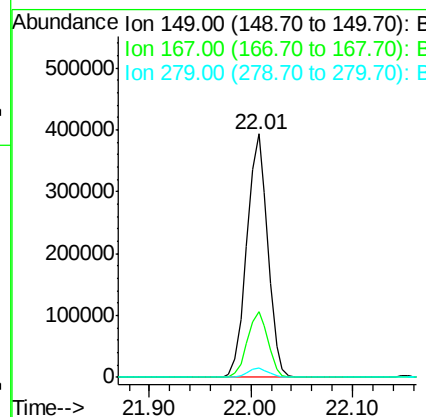
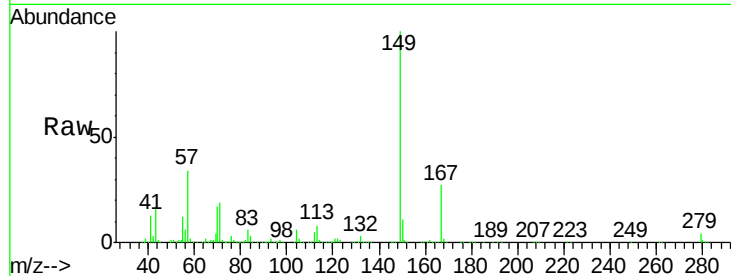
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.656 ng
 RT: 22.01 min Scan# 3084
 Delta R.T. 0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	561619		
167	26.9	23.7	35.5	
279	3.9	4.6	6.8#	

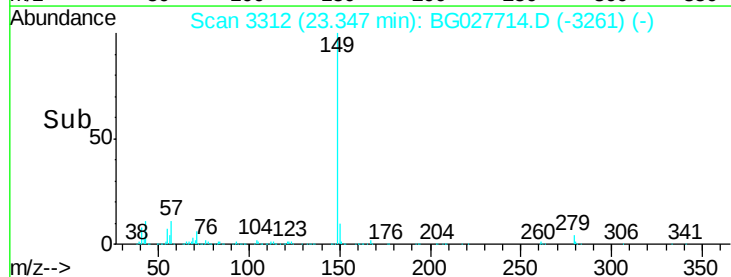
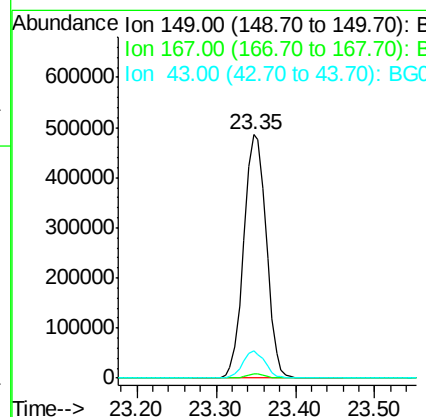
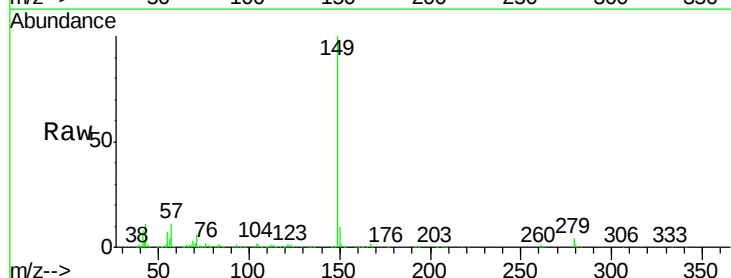
Manual Integrations
 APPROVED

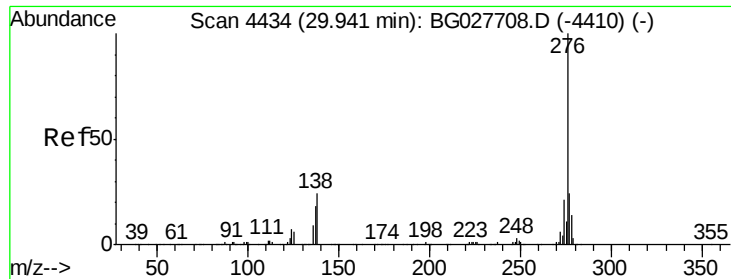
mohammad
 6/29/2017 4:48:40 PM



#84
 Di-n-octyl phthalate
 Concen: 48.047 ng
 RT: 23.35 min Scan# 3312
 Delta R.T. -0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	955517		
167	1.6	1.4	2.2	
43	10.8	11.8	17.6#	





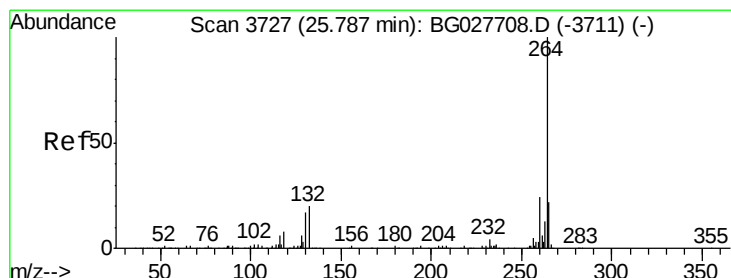
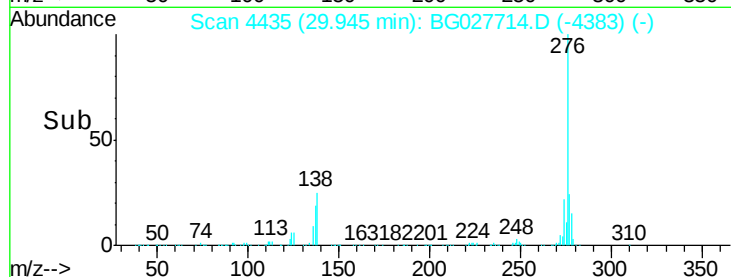
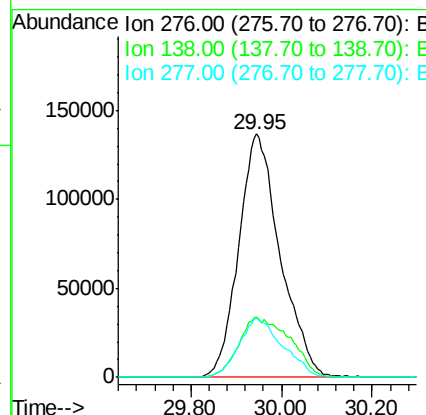
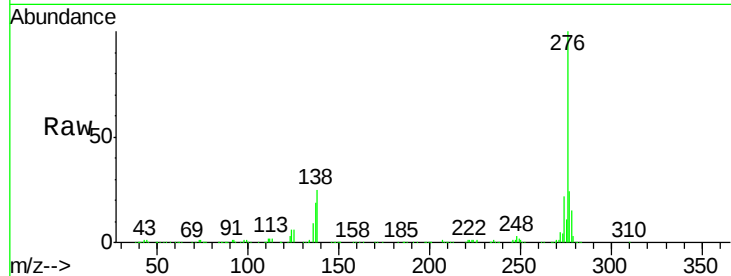
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.957 ng
 RT: 29.95 min Scan# 4435
 Delta R.T. 0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB100116BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.6	4.7	7.1#
277	25.7	20.6	31.0

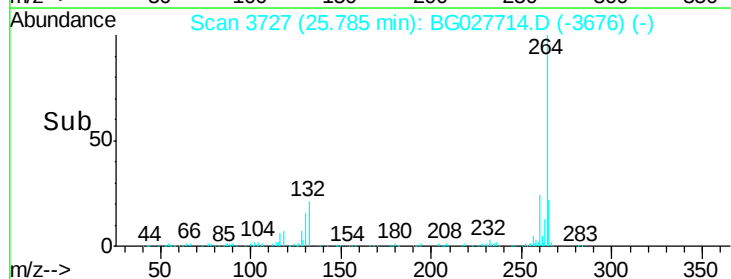
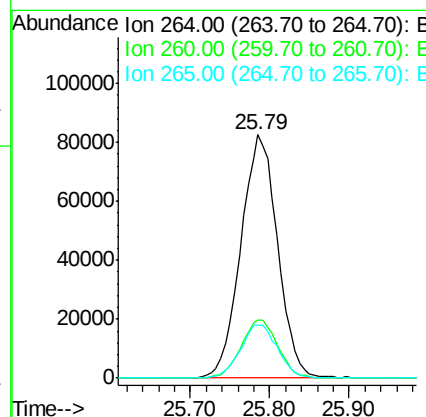
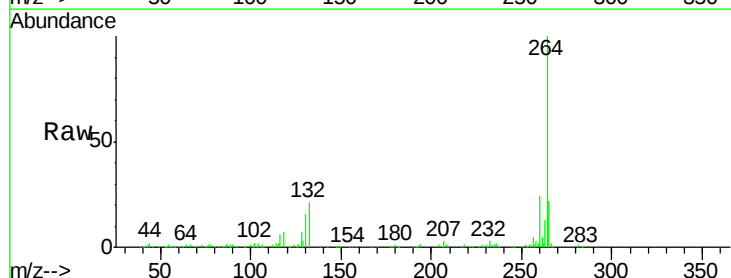
Manual Integrations
 APPROVED

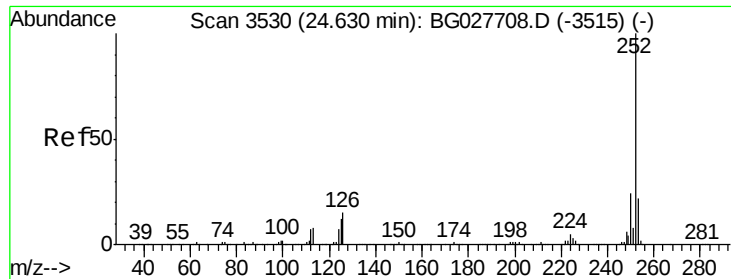
mohammad
 6/29/2017 4:48:40 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.79 min Scan# 3727
 Delta R.T. -0.00 min
 Lab File: BG027714.D
 Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.9	18.2	27.4





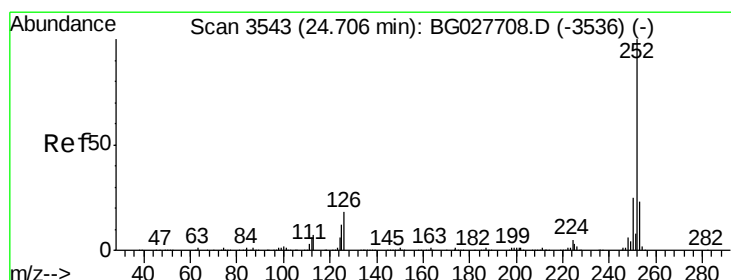
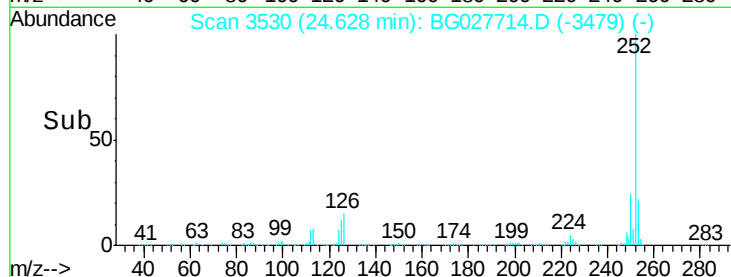
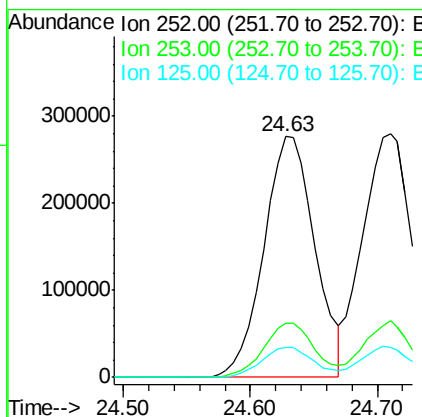
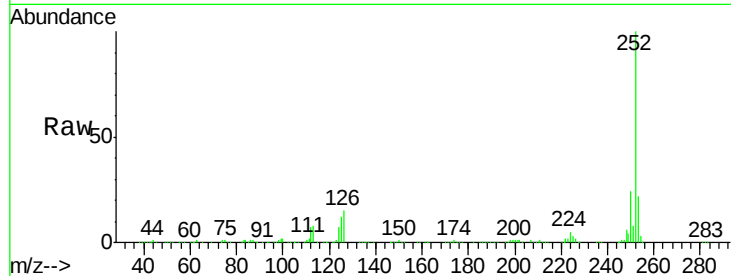
#87
Benzo(b)fluoranthene
Concen: 45.314 ng
RT: 24.63 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	12.2	5.3	7.9#

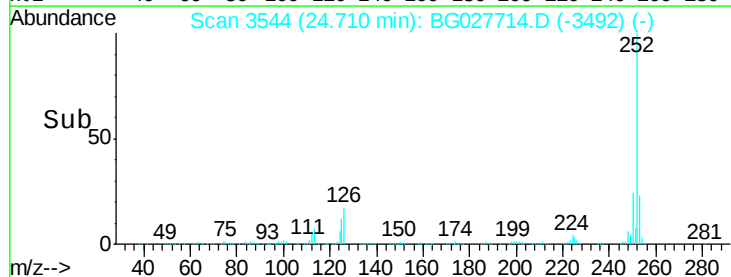
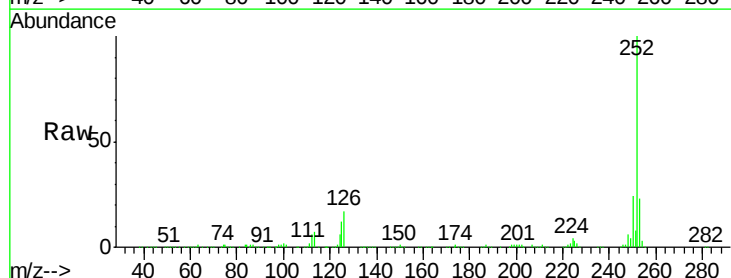
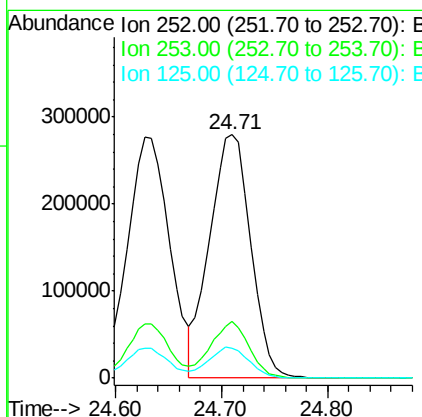
Manual Integrations
APPROVED

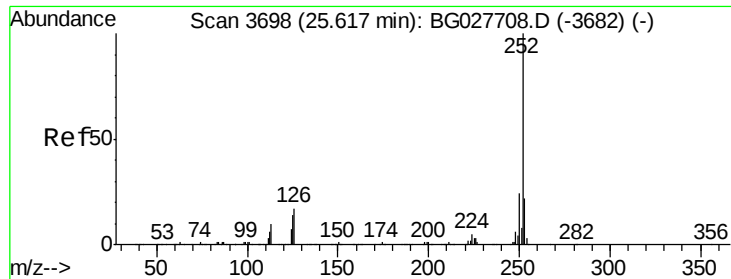
mohammad
6/29/2017 4:48:40 PM



#88
Benzo(k)fluoranthene
Concen: 44.604 ng
RT: 24.71 min Scan# 3544
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.2	30.2
125	12.5	5.1	7.7#





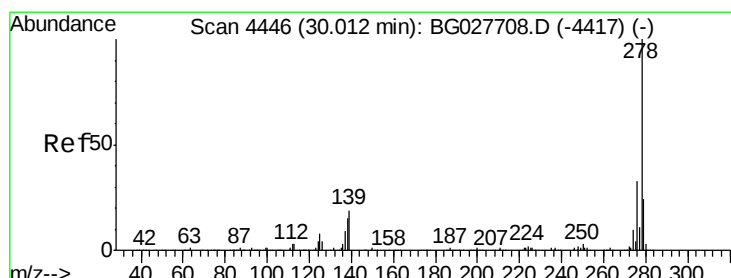
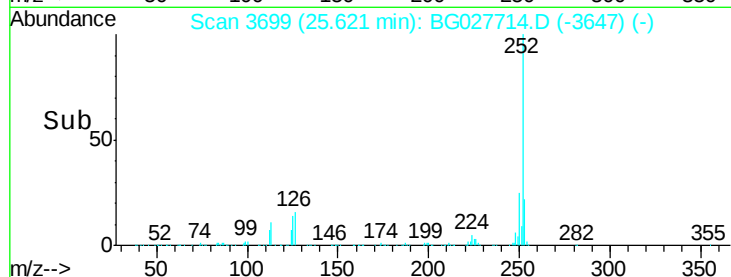
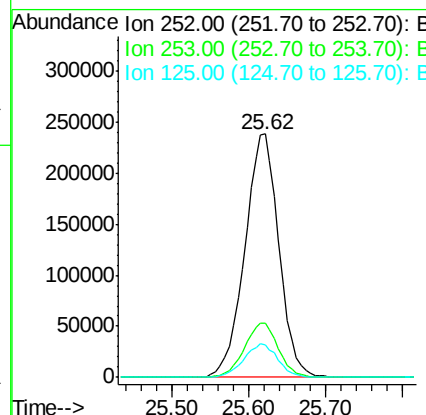
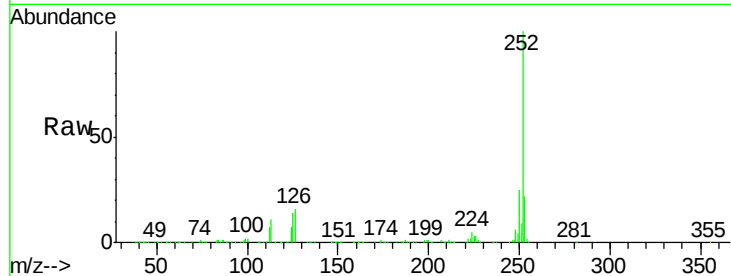
#89
Benzo(a)pyrene
Concen: 45.790 ng
RT: 25.62 min Scan# 3699
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.2	28.8
125	13.6	5.4	8.0

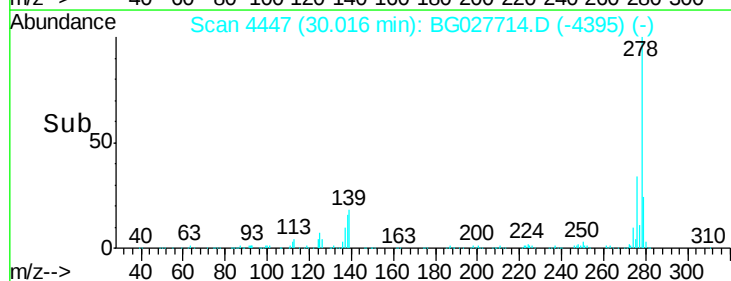
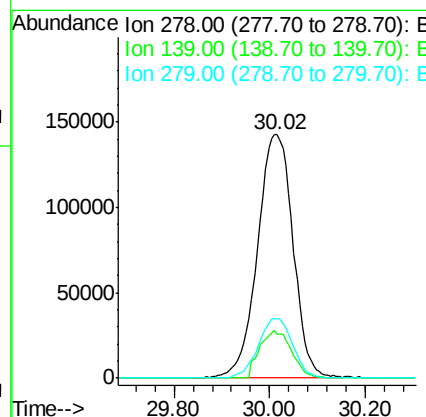
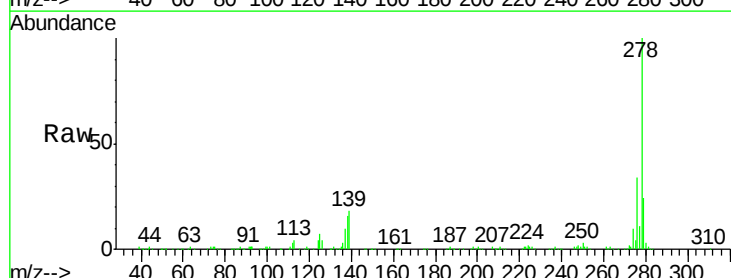
Manual Integrations
APPROVED

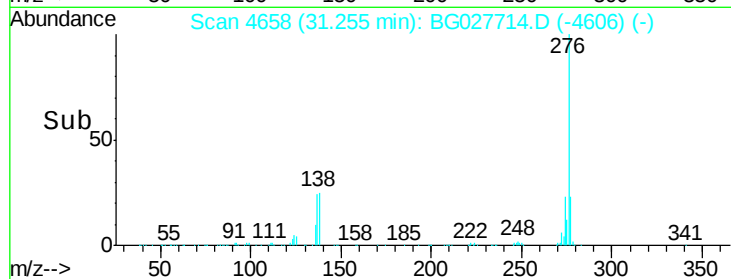
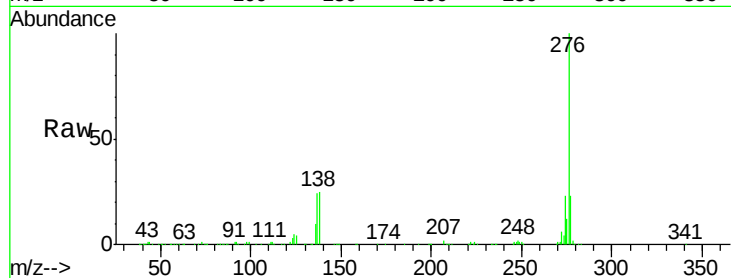
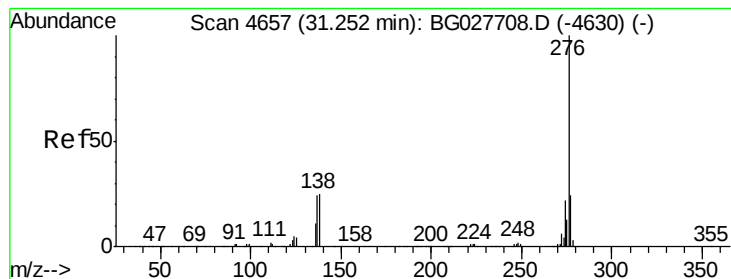
mohammad
6/29/2017 4:48:40 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.306 ng
RT: 30.02 min Scan# 4447
Delta R.T. 0.00 min
Lab File: BG027714.D
Acq: 28 Jun 2017 18:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	7.7	11.5
279	24.2	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 44.872 ng

RT: 31.26 min Scan# 4658

Delta R.T. 0.00 min

Lab File: BG027714.D

Acq: 28 Jun 2017 18:11

Instrument :

BNA_G

ClientSampleId :

PB100116BS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
277	22.5	18.6	27.8		
138	24.6	8.1	12.1		

Manual Integrations
APPROVED

mohammad
6/29/2017 4:48:40 PM

