

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026328.D
 Acq On : 20 Mar 2017 15:50
 Operator : SJ/MA
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 3/21/2017 5:21:54 PM

Quant Time: Mar 20 16:25:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 15:49:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	121824	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	517144	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	298265	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	708139	20.00	ng	0.00
75) Chrysene-d12	21.64	240	776653	20.00	ng	0.00
86) Perylene-d12	24.82	264	773083	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	819688	117.14	ng	0.00
7) Phenol-d6	7.21	99	1095497	105.80	ng	0.00
23) Nitrobenzene-d5	9.21	82	1050258	128.16	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	418630	151.92	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2434115	142.60	ng	0.00
78) Terphenyl-d14	19.99	244	3496650	109.50	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	182628	57.11	ng	# 75
3) Pyridine	3.91	79	513995	53.94	ng	# 66
4) n-Nitrosodimethylamine	3.82	42	140387	40.96	ng	# 1
6) Aniline	7.37	93	736264	51.14	ng	# 90
8) 2-Chlorophenol	7.61	128	461745	55.52	ng	# 84
9) Benzaldehyde	7.18	77	370316	60.35	ng	# 69
10) Phenol	7.24	94	578768	51.44	ng	# 71
11) bis(2-Chloroethyl)ether	7.47	93	476622	51.53	ng	# 85
12) 1,3-Dichlorobenzene	7.94	146	547281	56.93	ng	# 87
13) 1,4-Dichlorobenzene	8.08	146	559831m	57.49	ng	# 90
14) 1,2-Dichlorobenzene	8.41	146	529889	55.42	ng	# 75
15) Benzyl Alcohol	8.28	79	368403	48.59	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.58	45	523779	39.02	ng	# 81
17) 2-Methylphenol	8.49	107	419455	51.75	ng	# 92
18) Hexachloroethane	9.13	117	183490	56.85	ng	# 70
19) n-Nitroso-di-n-propylamine	8.85	70	351975	46.54	ng	# 86
20) 3+4-Methylphenols	8.82	107	583316	50.51	ng	# 75
22) Acetophenone	8.86	105	714231	57.56	ng	# 76
24) Nitrobenzene	9.25	77	514677	58.08	ng	# 90
25) Isophorone	9.77	82	979771	54.33	ng	# 67
26) 2-Nitrophenol	9.96	139	278889	67.30	ng	# 87
27) 2,4-Dimethylphenol	10.02	122	450648	58.27	ng	# 98
28) bis(2-Chloroethoxy)methane	10.24	93	635753	55.63	ng	# 94
29) 2,4-Dichlorophenol	10.50	162	458402	62.10	ng	# 99
30) 1,2,4-Trichlorobenzene	10.71	180	501175	62.43	ng	# 99
31) Naphthalene	10.90	128	1550943	58.01	ng	# 71
32) Benzoic acid	10.17	122	364262	61.69	ng	# 83
33) 4-Chloroaniline	11.00	127	649150	55.90	ng	# 98
34) Hexachlorobutadiene	11.18	225	296232	64.85	ng	# 63
35) Caprolactam	11.78	113	178407	59.85	ng	# 77
36) 4-Chloro-3-methylphenol	12.12	107	482412	54.62	ng	# 92
37) 2-Methylnaphthalene	12.50	142	1151511	56.55	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	540604	72.32	ng	# 96
40) Hexachlorocyclopentadiene	12.84	237	298908	73.07	ng	

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026328.D
 Acq On : 20 Mar 2017 15:50
 Operator : SJ/MA
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

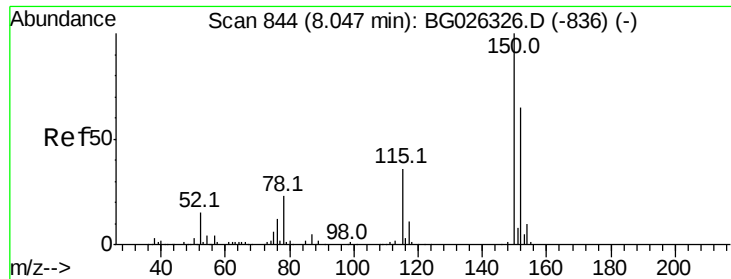
Manual Integrations
 APPROVED

mohammad
 3/21/2017 5:21:54 PM

Quant Time: Mar 20 16:25:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 15:49:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	358392	74.23	nq	99
43) 2,4,5-Trichlorophenol	13.17	196	399167	72.83	nq	# 91
45) 1,1'-Biphenyl	13.49	154	1455191	67.32	nq	99
46) 2-Chloronaphthalene	13.54	162	1071292	68.56	nq	98
47) 2-Nitroaniline	13.73	65	320067	64.58	nq	# 62
48) Acenaphthylene	14.38	152	1862913	66.96	nq	99
49) Dimethylphthalate	14.11	163	1338871	65.43	nq	98
50) 2,6-Dinitrotoluene	14.23	165	335639	73.02	nq	# 63
51) Acenaphthene	14.72	154	1158007	63.02	nq	99
52) 3-Nitroaniline	14.56	138	367708	71.52	nq	# 70
53) 2,4-Dinitrophenol	14.76	184	199608	82.99	nq	# 80
54) Dibenzofuran	15.05	168	1603876	65.47	nq	92
55) 4-Nitrophenol	14.86	139	307195	73.42	nq	# 40
56) 2,4-Dinitrotoluene	15.02	165	471447	76.24	nq	# 72
57) Fluorene	15.70	166	1434100	65.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	343247	70.99	nq	# 99
59) Diethylphthalate	15.46	149	1368476	64.66	nq	99
60) 4-Chlorophenyl-phenylether	15.69	204	681597	67.20	nq	92
61) 4-Nitroaniline	15.71	138	388191	72.83	nq	# 51
62) Azobenzene	15.98	77	1116856	61.39	nq	81
64) 4,6-Dinitro-2-methylphenol	15.78	198	288586	69.64	nq	85
65) n-Nitrosodiphenylamine	15.90	169	1230690	57.31	nq	99
66) 4-Bromophenyl-phenylether	16.58	248	446650	60.18	nq	95
67) Hexachlorobenzene	16.70	284	463891	60.64	nq	93
68) Atrazine	16.84	200	471828	62.08	nq	97
69) Pentachlorophenol	17.04	266	315121	66.78	nq	97
70) Phenanthrene	17.43	178	2182158	56.77	nq	99
71) Anthracene	17.52	178	2257510	57.60	nq	98
72) Carbazole	17.79	167	2305563	58.56	nq	98
73) Di-n-butylphthalate	18.34	149	2384470	61.70	nq	# 95
74) Fluoranthene	19.43	202	2558692	60.45	nq	96
76) Benzidine	19.60	184	1607245	65.56	nq	97
77) Pyrene	19.79	202	2636258	53.67	nq	98
79) Butylbenzylphthalate	20.67	149	1087815	58.36	nq	85
80) Benzo(a)anthracene	21.62	228	2528519	55.76	nq	99
81) 3,3'-Dichlorobenzidine	21.53	252	1044818	64.64	nq	# 98
82) Chrysene	21.68	228	2418954	55.47	nq	98
83) Bis(2-ethylhexyl)phthalate	21.51	149	1600936	59.48	nq	97
84) Di-n-octyl phthalate	22.71	149	2778653	62.51	nq	# 83
85) Indeno(1,2,3-cd)pyrene	28.46	276	3169343	61.71	nq	# 95
87) Benzo(b)fluoranthene	23.82	252	2698798	58.29	nq	# 97
88) Benzo(k)fluoranthene	23.88	252	2629036	58.20	nq	# 95
89) Benzo(a)pyrene	24.68	252	2597863	59.25	nq	# 95
90) Dibenzo(a,h)anthracene	28.52	278	2659378	60.38	nq	# 92
91) Benzo(g,h,i)perylene	29.60	276	2678982	60.66	nq	# 86

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



#1

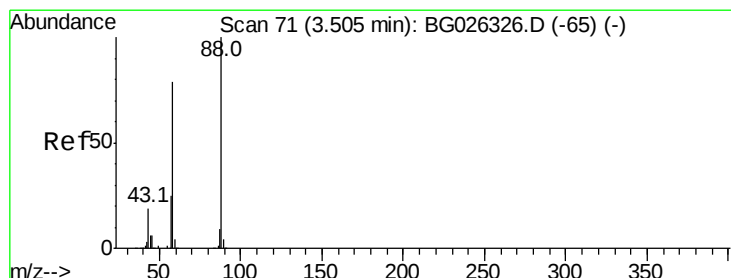
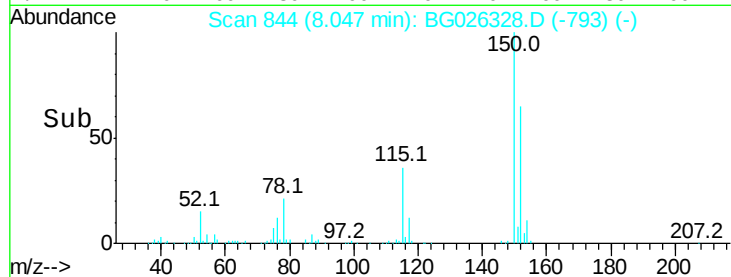
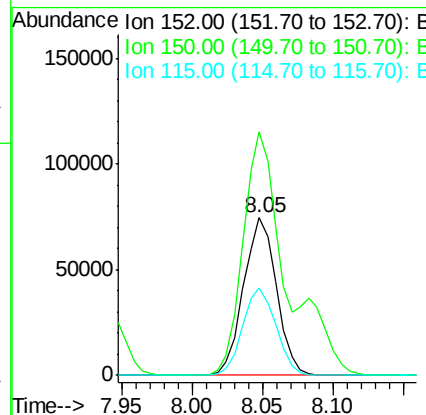
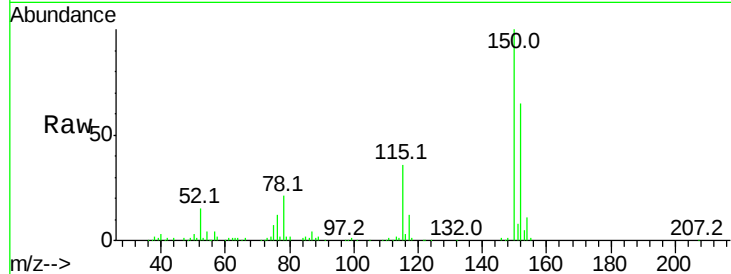
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	114.0	171.0
115	55.6	48.1	72.1

Manual Integrations
APPROVED

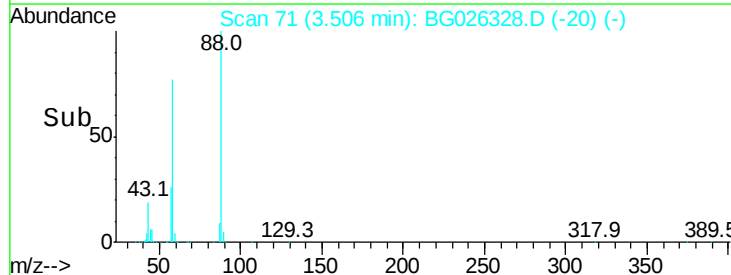
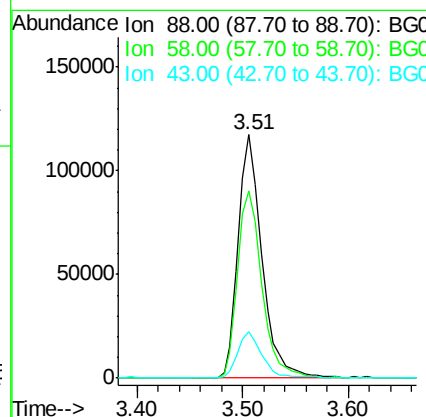
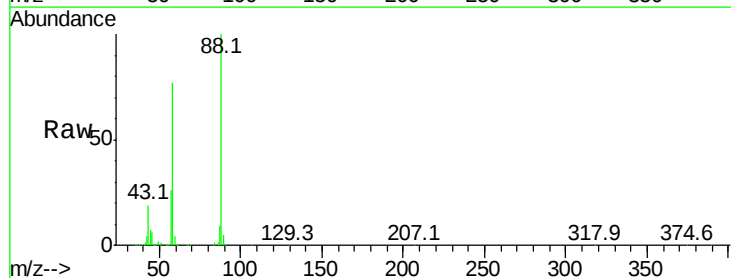
mohammad
3/21/2017 5:21:54 PM

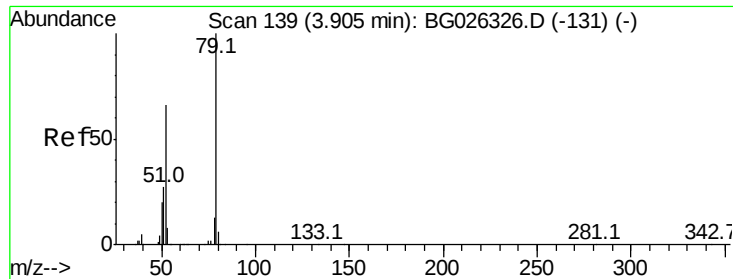


#2

1,4-Dioxane
Concen: 57.11 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.5	79.4	119.2#
43	19.2	33.8	50.6#





#3

Pvridine

Concen: 53.94 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

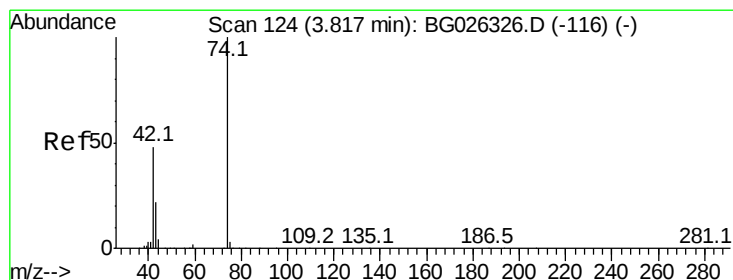
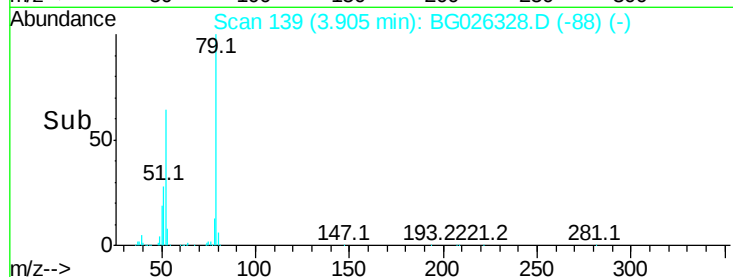
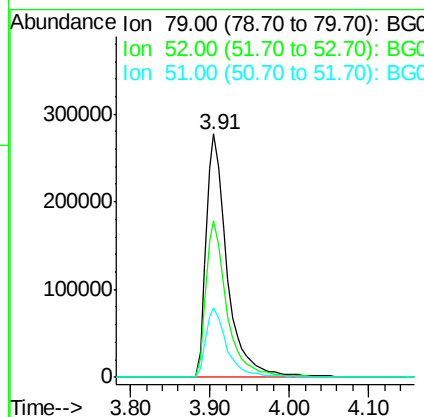
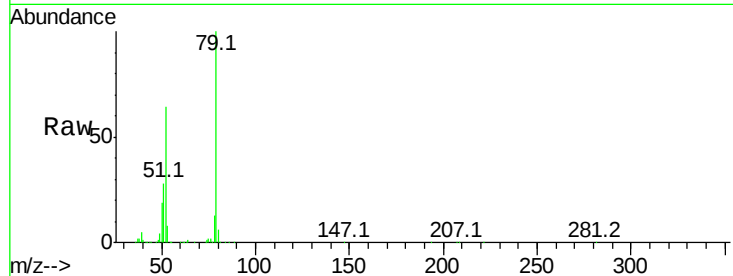
ClientSampleId :

SSTDIC060

Tot Ion:	79	Resp:	513995
Ion Ratio	Lower	Upper	
79	100		
52	64.2	77.8	116.6#
51	28.3	43.2	64.8#

Manual Integrations
APPROVED

mohammad
3/21/2017 5:21:54 PM



#4

n-Nitrosodimethylamine

Concen: 40.96 ng

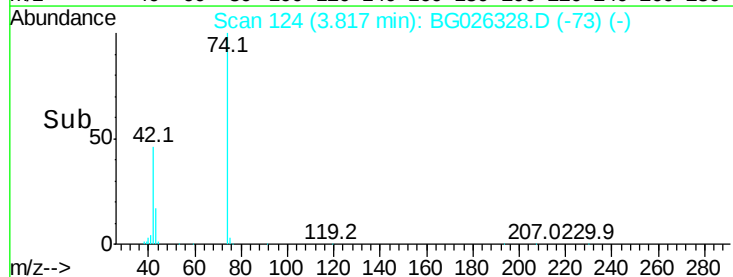
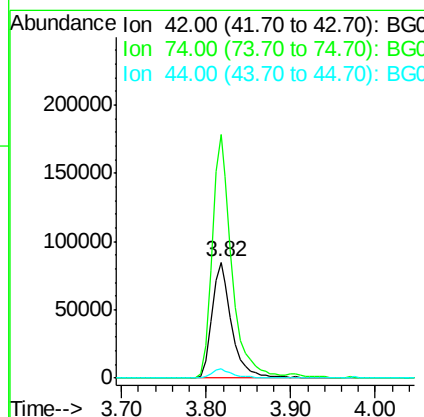
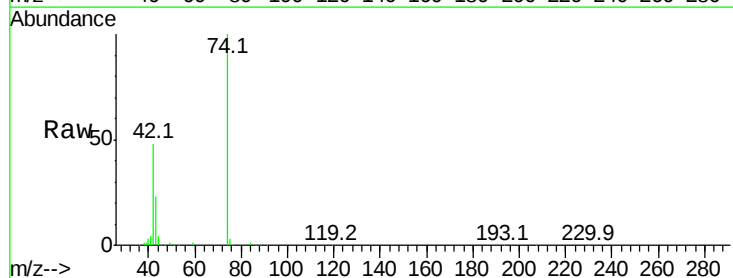
RT: 3.82 min Scan# 124

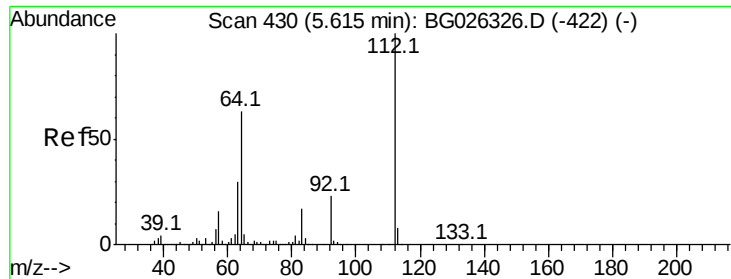
Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Tgt Ion:	42	Resp:	140387
Ion Ratio	Lower	Upper	
42	100		
74	209.8	76.7	115.1#
44	7.8	6.1	9.1





#5

2-Fluorophenol

Concen: 117.14 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

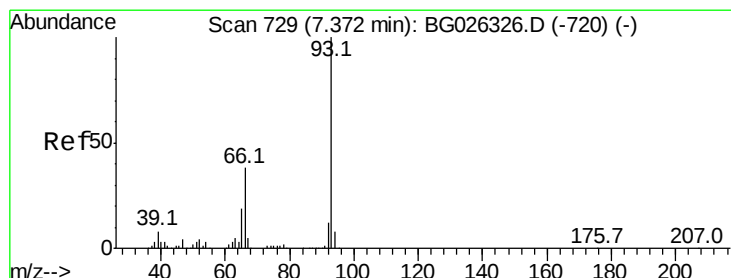
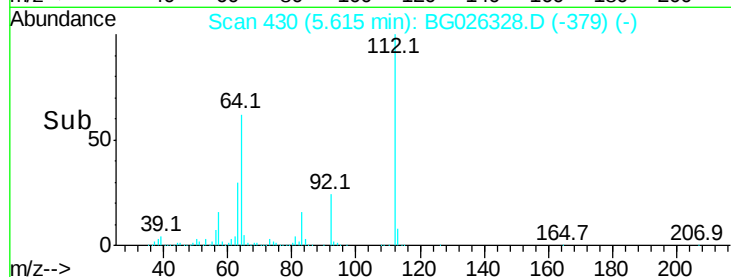
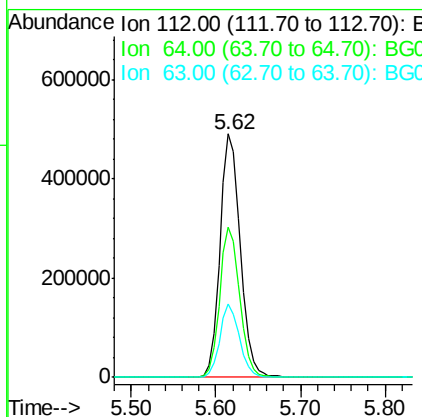
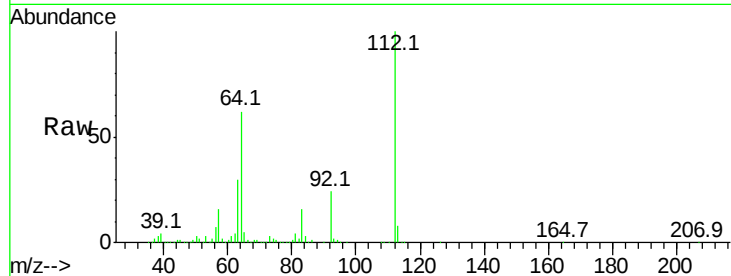
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
112	100	819688		
64	61.9		61.8	92.6
63	30.2		37.2	55.8#

Manual Integrations
APPROVED

mohammad
3/21/2017 5:21:54 PM



#6

Aniline

Concen: 51.14 ng

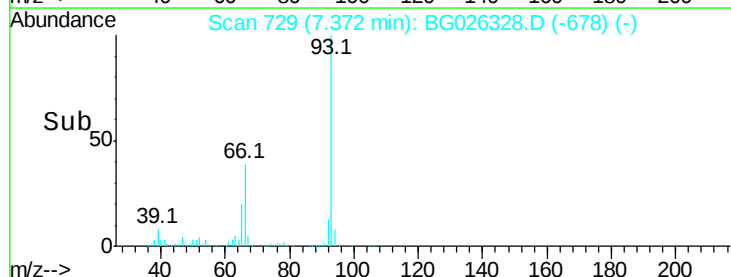
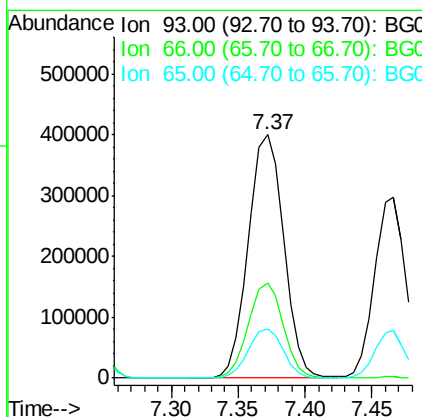
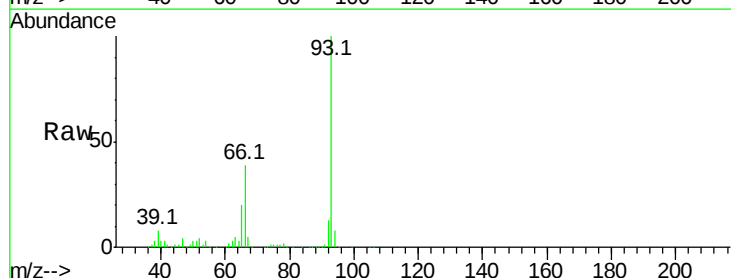
RT: 7.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	736264		
66	39.1		35.4	53.2
65	20.0		21.2	31.8#





#7

Phenol-d6

Concen: 105.80 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1095497

Ion Ratio Lower Upper

99 100

42 11.2 20.5 30.7#

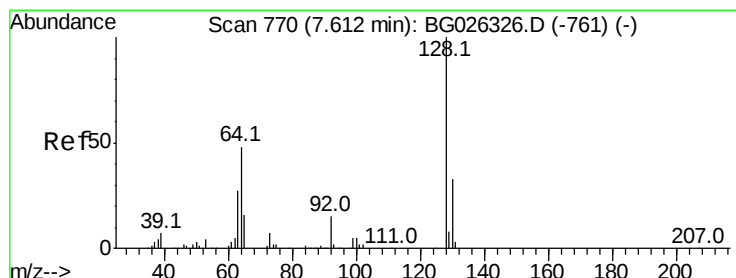
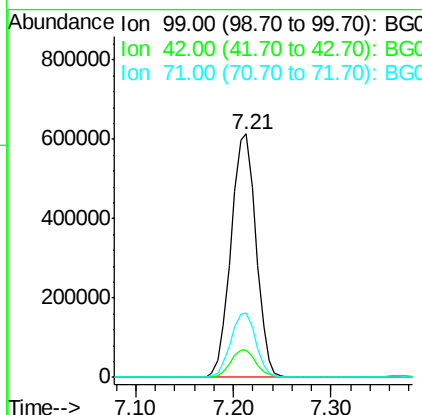
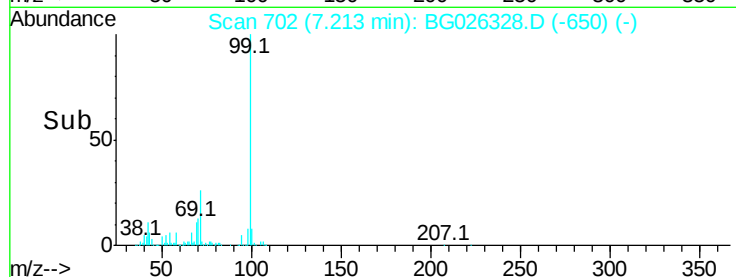
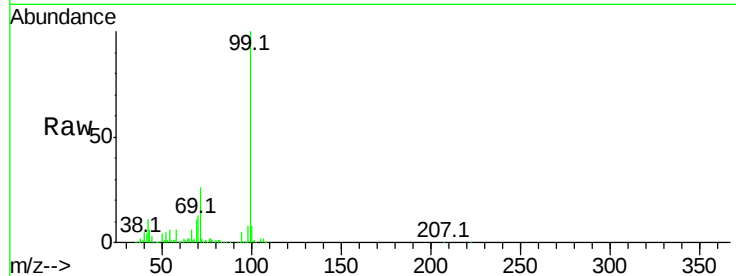
71 26.3 37.6 56.4#

Manual Integrations

APPROVED

mohammad

3/21/2017 5:21:54 PM



#8

2-Chlorophenol

Concen: 55.52 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

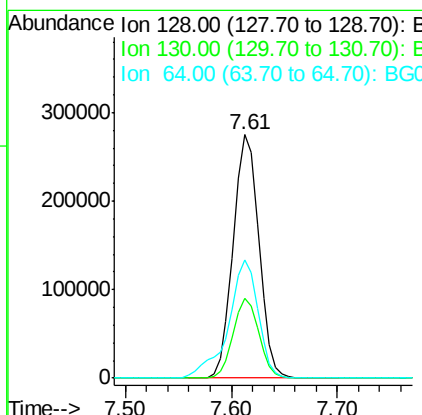
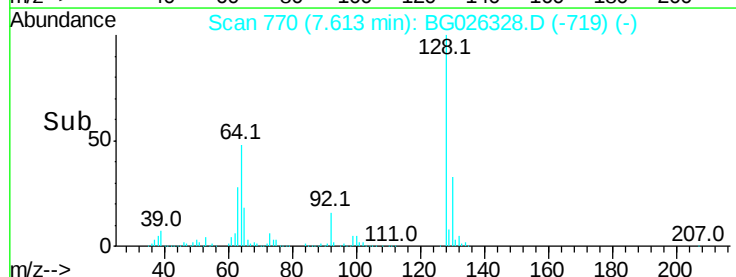
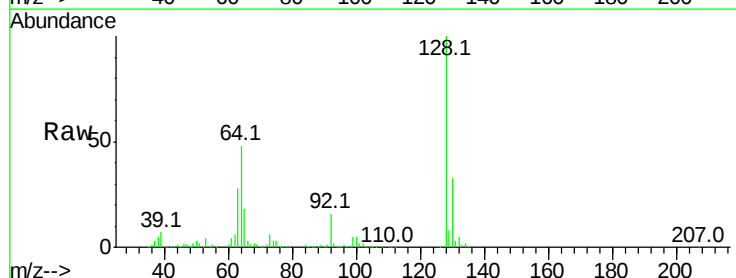
Tgt Ion: 128 Resp: 461745

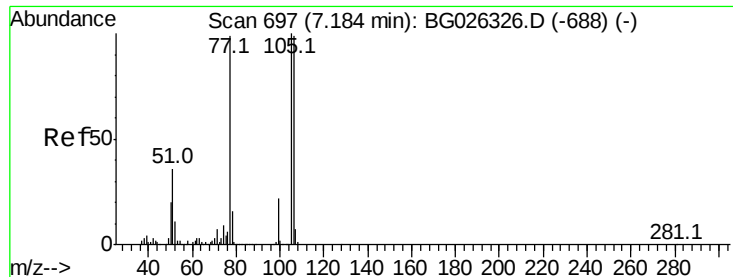
Ion Ratio Lower Upper

128 100

130 32.8 11.4 51.4

64 48.4 46.6 86.6





#9

Benzaldehyde

Concen: 60.35 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

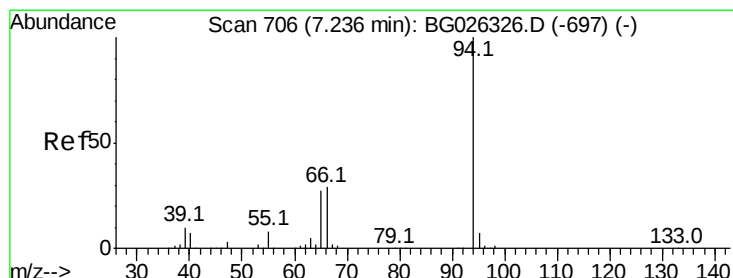
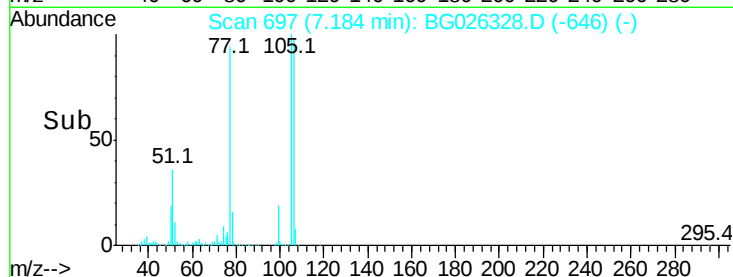
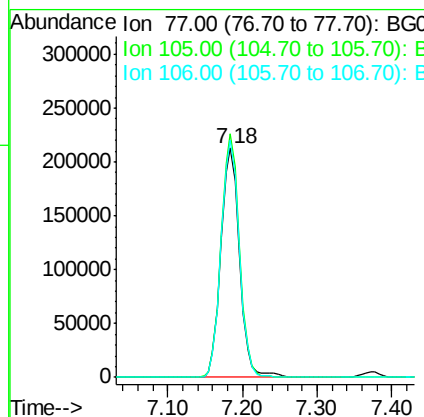
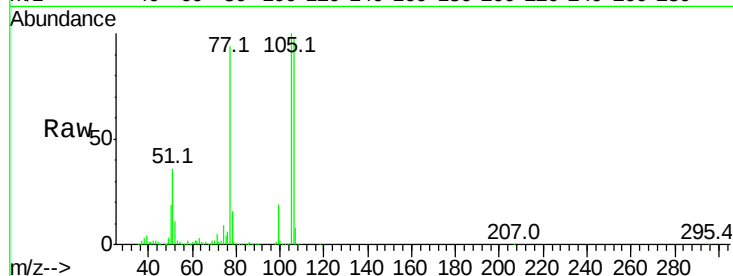
ClientSampleId :

SSTDIC060

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	106.1	60.9	100.9#	
106	103.5	55.1	95.1#	

Manual Integrations
APPROVED

mohammad
3/21/2017 5:21:54 PM



#10

Phenol

Concen: 51.44 ng

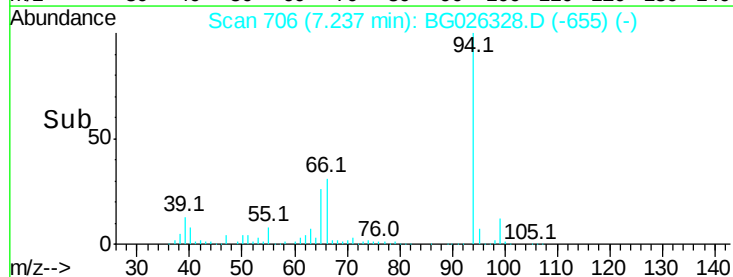
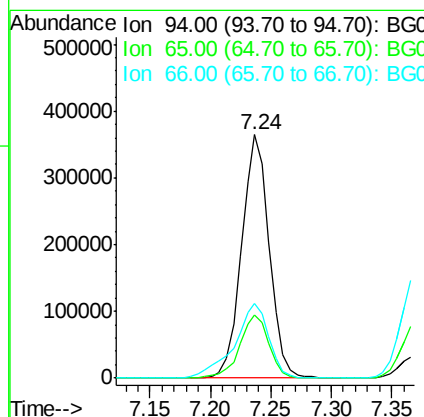
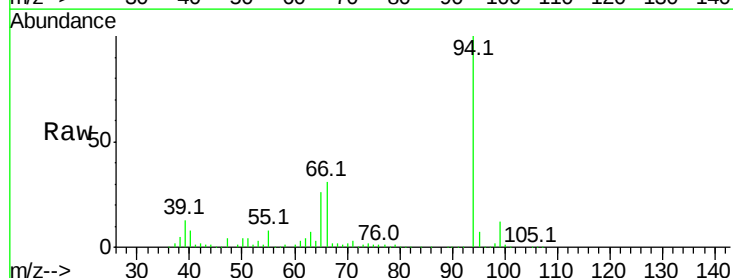
RT: 7.24 min Scan# 706

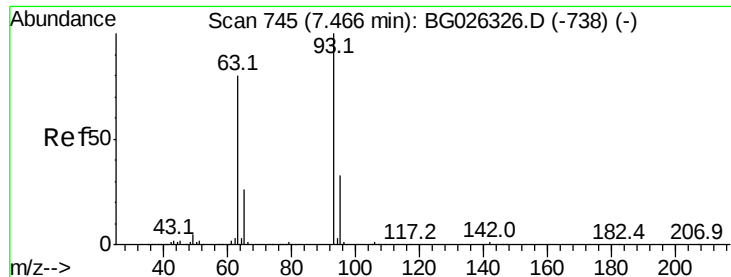
Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	26.1	20.6	60.6	
66	30.8	35.5	75.5#	





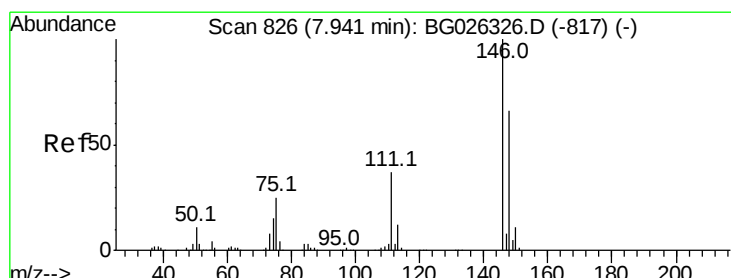
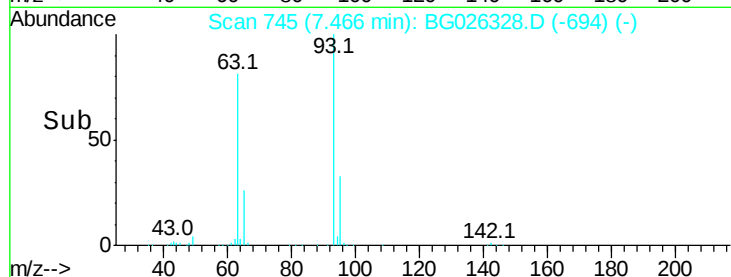
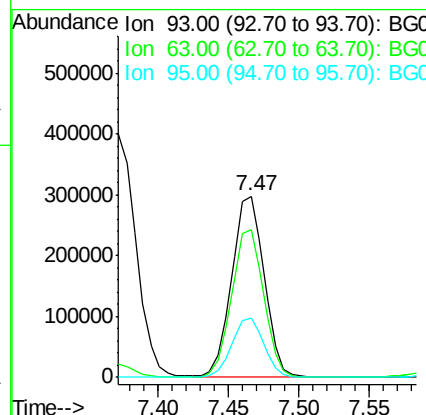
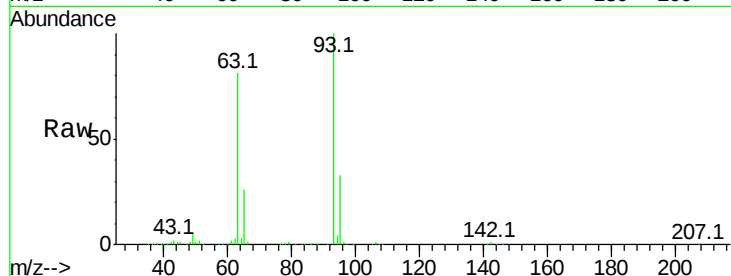
#11
bis(2-Chloroethyl)ether
Concen: 51.53 ng
RT: 7.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.3	78.5	118.5
95	32.7	9.8	49.8

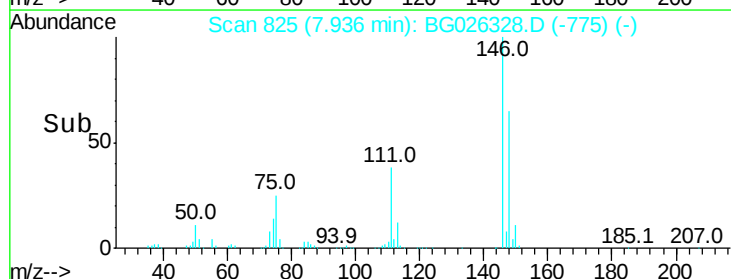
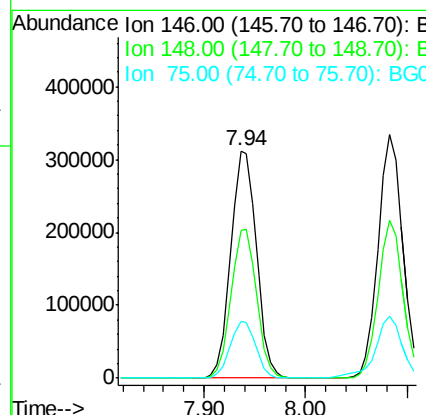
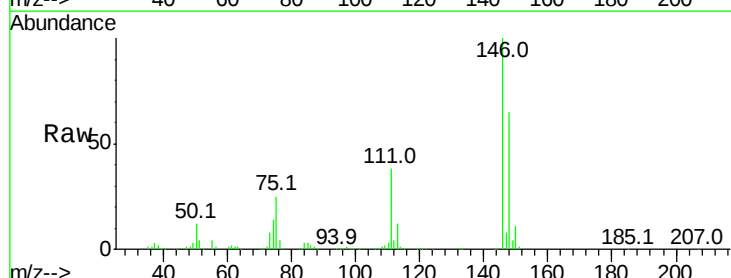
Manual Integrations
APPROVED

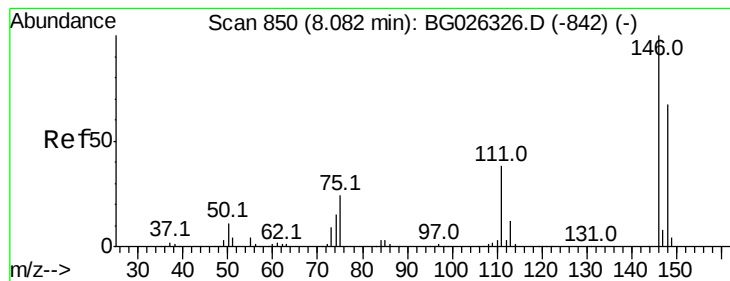
mohammad
3/21/2017 5:21:54 PM



#12
1,3-Dichlorobenzene
Concen: 56.93 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.2	73.8
75	24.8	33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 57.49 ng/mL

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

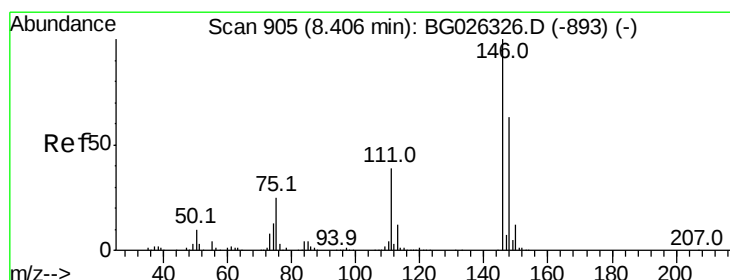
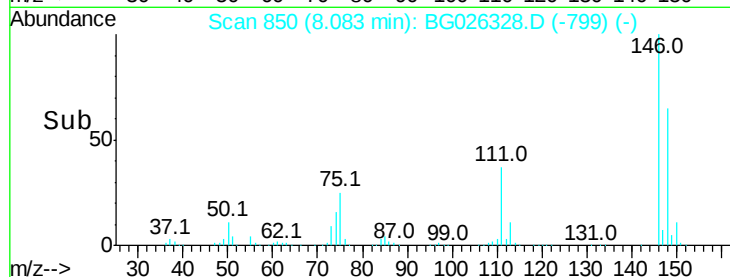
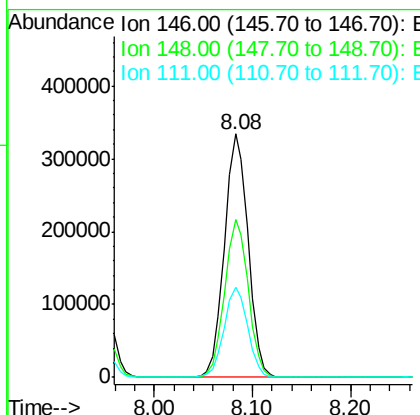
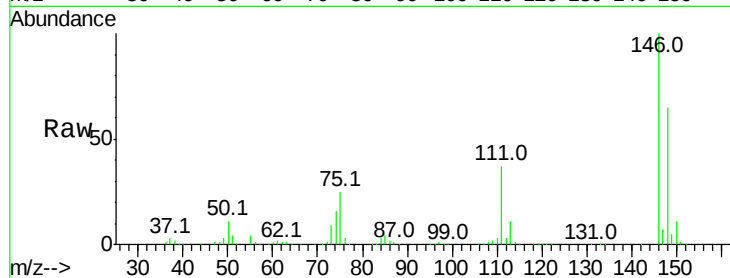
ClientSampleID :

SSTDIC060

Tot Ion:	146	Resp:	559831
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.2	78.2
111	36.9	37.0	55.6#

Manual Integrations
APPROVED

mohammad
3/21/2017 5:21:54 PM



#14

1,2-Dichlorobenzene

Concen: 55.42 ng/mL

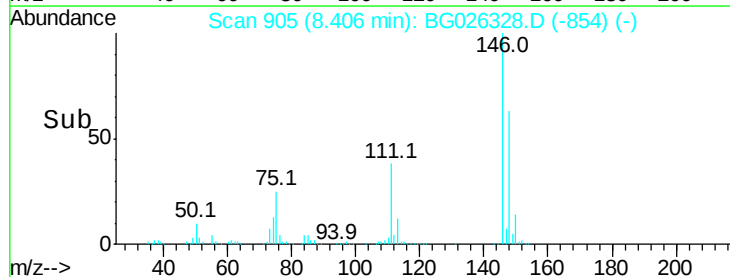
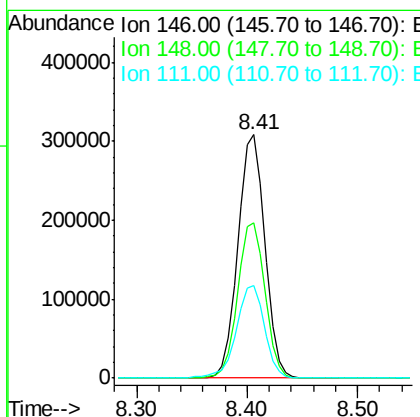
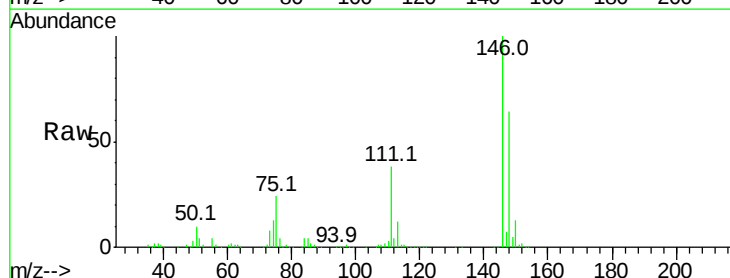
RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Tgt Ion:	146	Resp:	529889
Ion Ratio	Lower	Upper	
146	100		
148	63.8	54.6	81.8
111	37.9	39.7	59.5#





#15

Benzyl Alcohol

Concen: 48.59 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

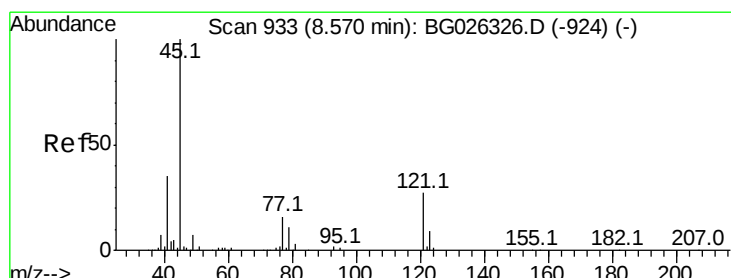
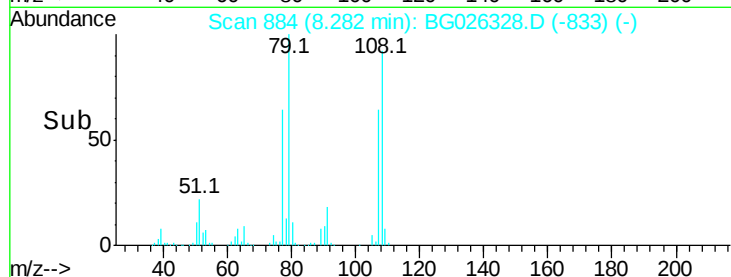
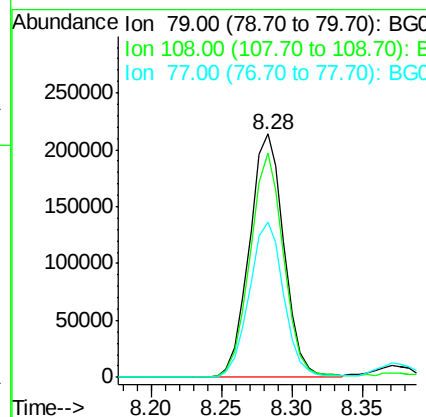
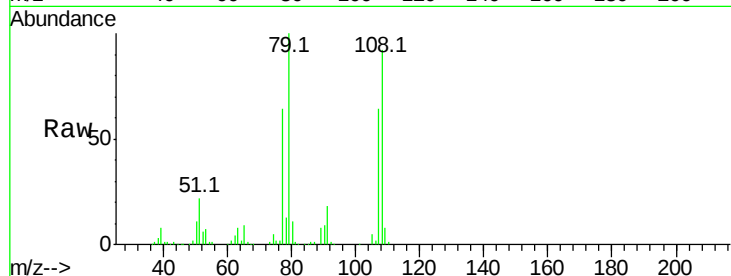
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Lower	Upper
79	100		
108	92.3	45.5	68.3#
77	63.6	54.3	81.5

Manual Integrations
APPROVED

mohammad
3/21/2017 5:21:54 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.02 ng

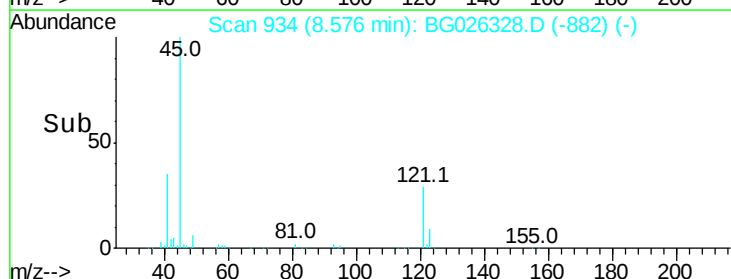
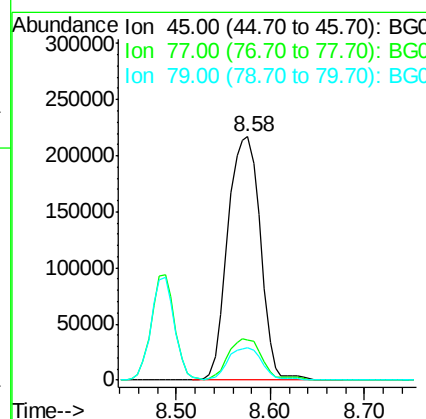
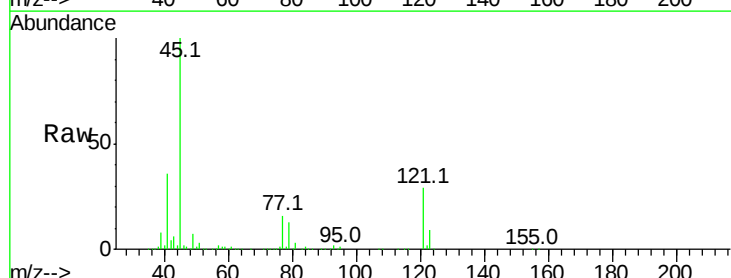
RT: 8.58 min Scan# 934

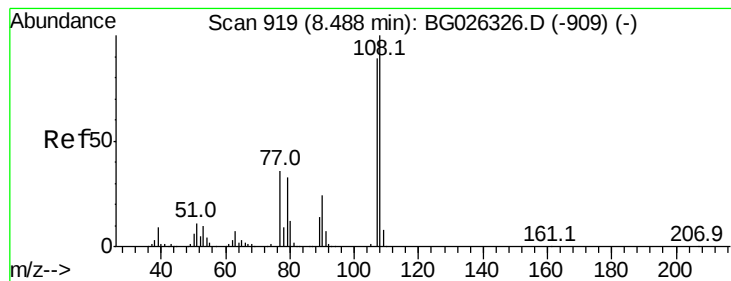
Delta R.T. 0.01 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	30.6
79	13.1	0.0	28.5





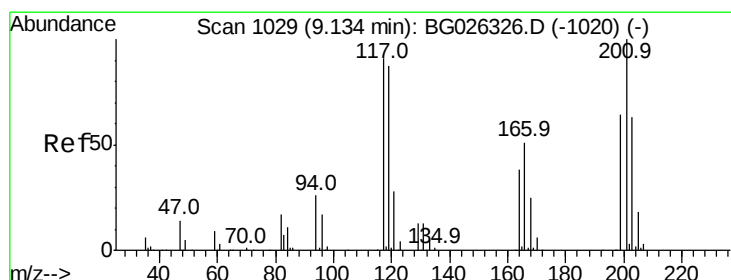
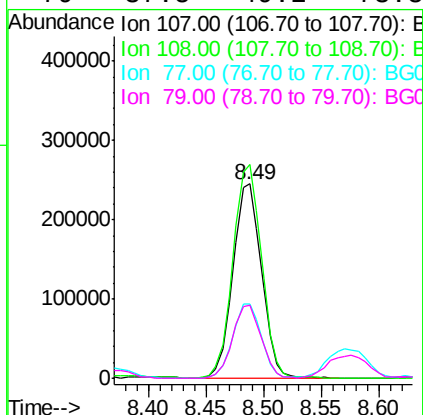
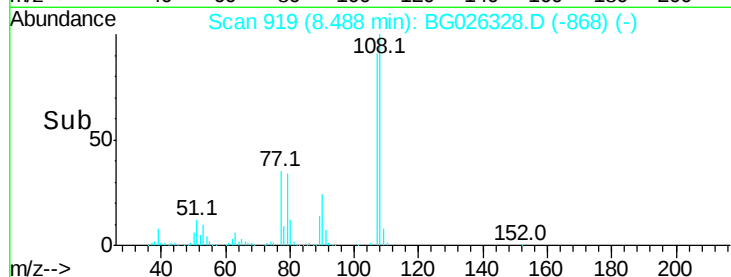
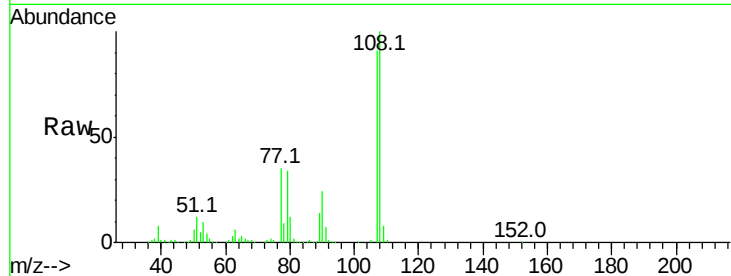
#17
2-Methylphenol
Concen: 51.75 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.9	85.6	128.4	
77	38.3	51.4	77.2#	
79	37.5	49.2	73.8#	

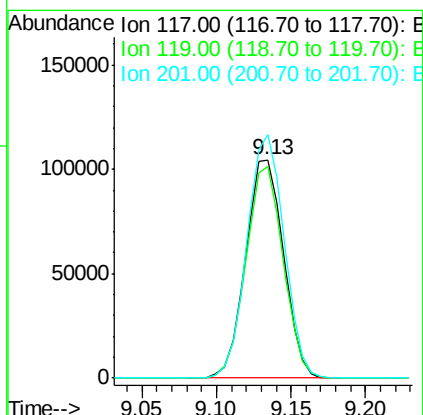
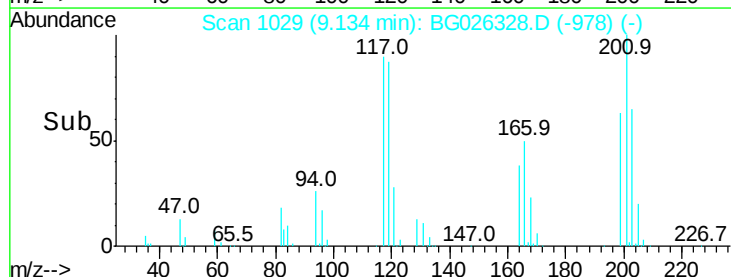
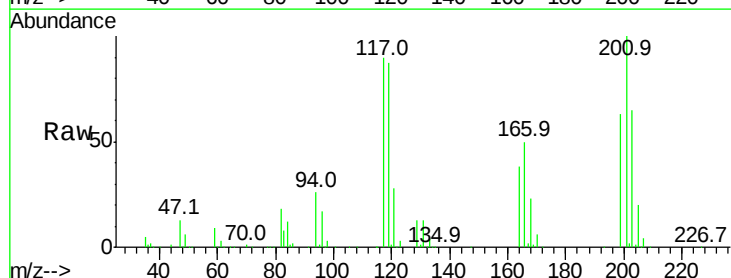
Manual Integrations
APPROVED

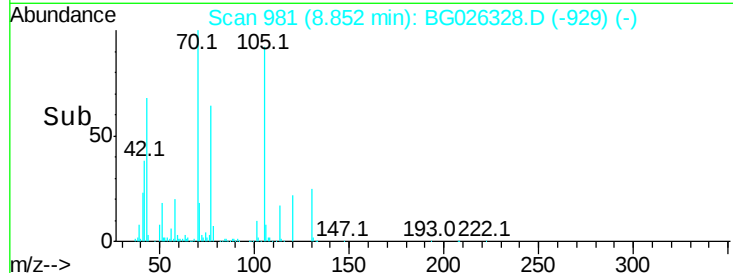
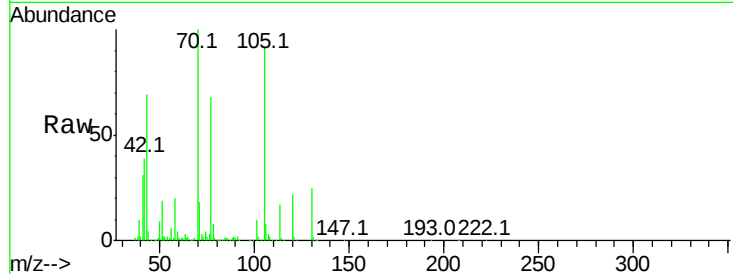
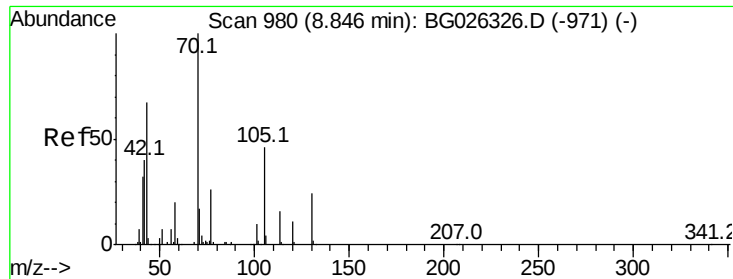
mohammad
3/21/2017 5:21:54 PM



#18
Hexachloroethane
Concen: 56.85 ng
RT: 9.13 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	69.8	104.6	
201	111.4	95.4	143.0	





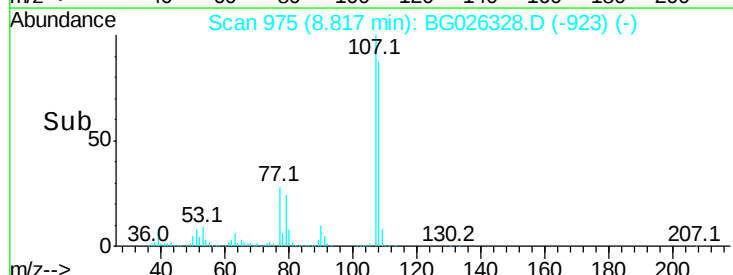
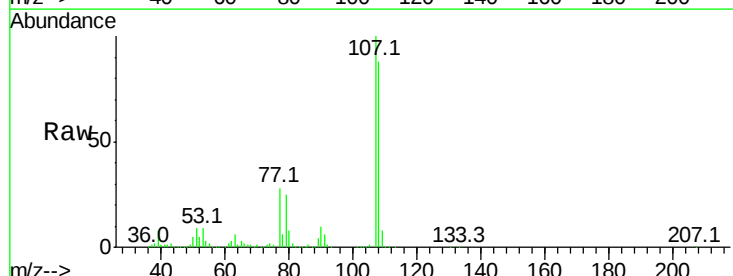
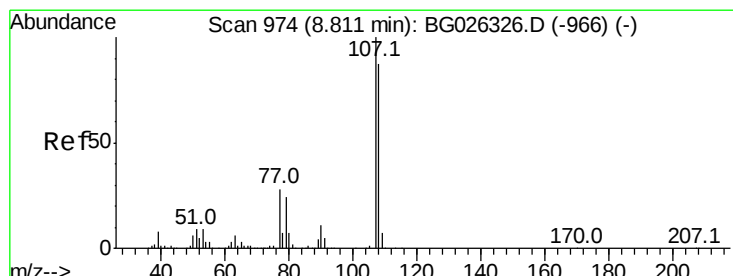
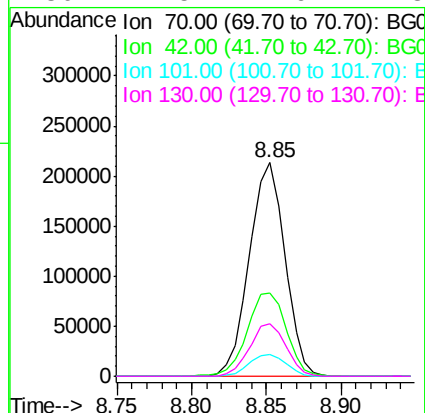
#19
n-Nitroso-di-n-propylamine
Concen: 46.54 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
70	100		
42	38.9	56.1	84.1#
101	10.3	7.5	11.3
130	24.5	14.6	21.8#

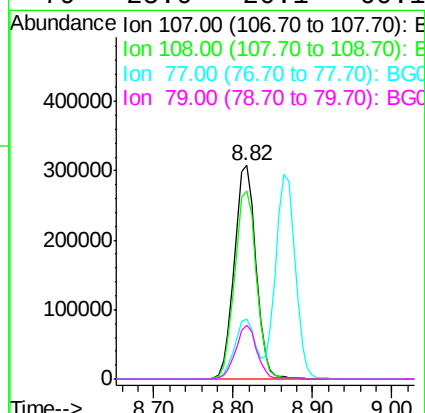
Manual Integrations
APPROVED

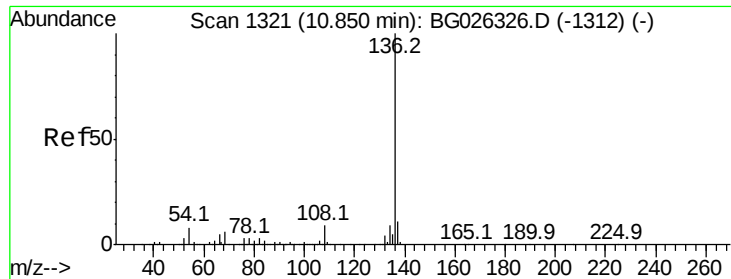
mohammad
3/21/2017 5:21:54 PM



#20
3+4-Methylphenols
Concen: 50.51 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.8	110.8
77	28.1	25.8	65.8
79	25.0	20.1	60.1





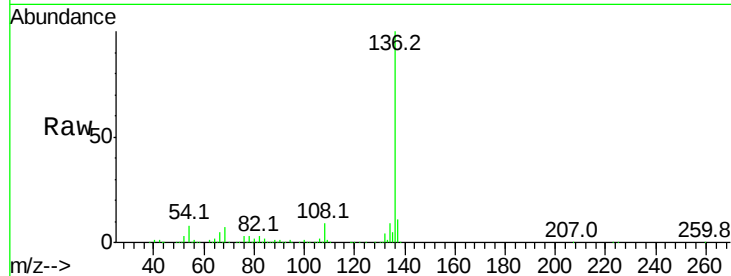
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

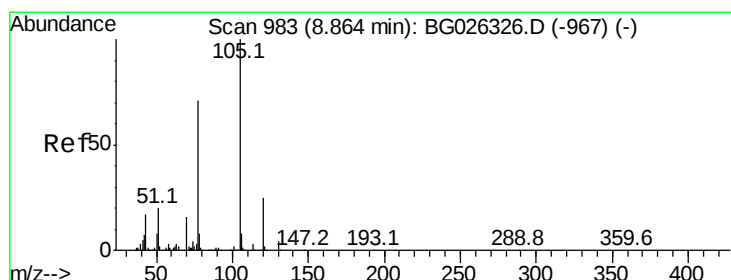
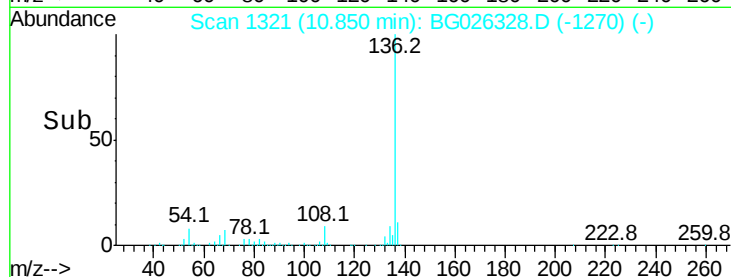
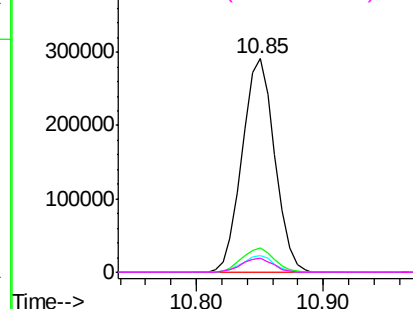
Tot Ion	Ratio	Resp	Lower	Upper
136	100	517144		
137	11.3	8.9	13.3	
54	7.6	9.3	13.9	
68	6.6	5.1	7.7	

Manual Integrations
APPROVED

mohammad
3/21/2017 5:21:54 PM



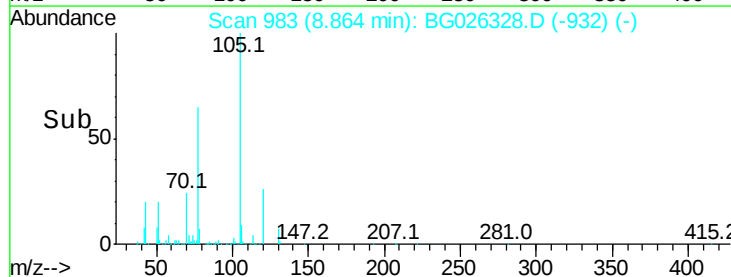
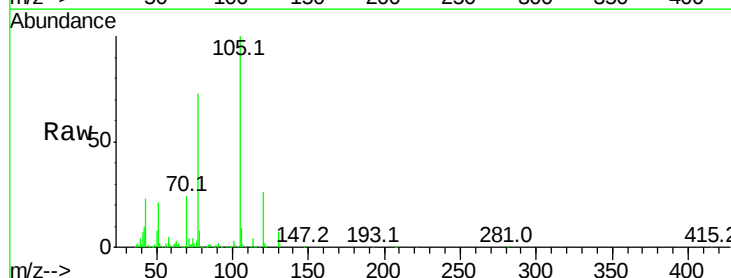
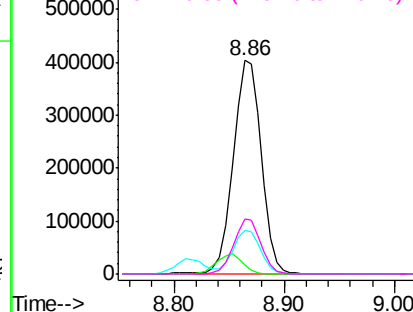
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 57.56 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	714231		
71	4.3	0.9	1.3	
51	20.7	34.0	51.0	
120	25.8	17.3	25.9	

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





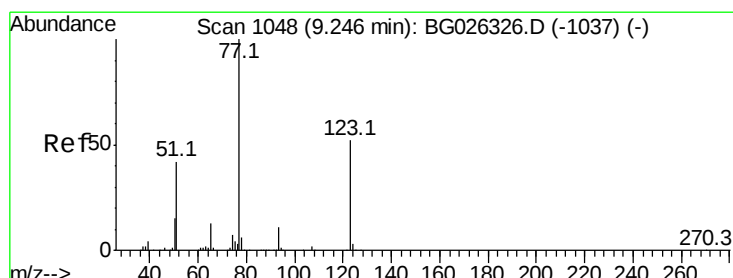
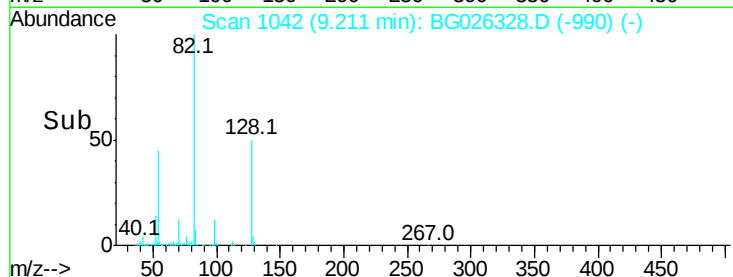
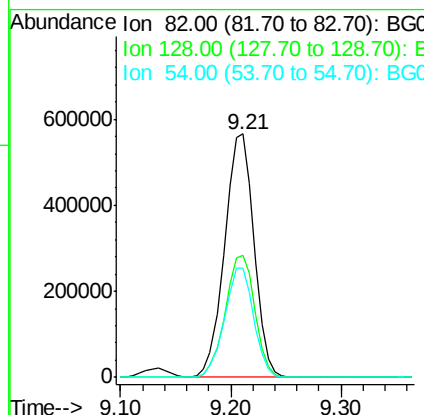
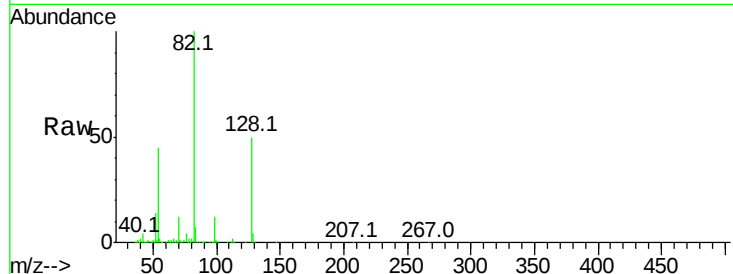
#23
 Nitrobenzene-d5
 Concen: 128.16 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.1	26.4	39.6#
54	45.1	49.4	74.2#

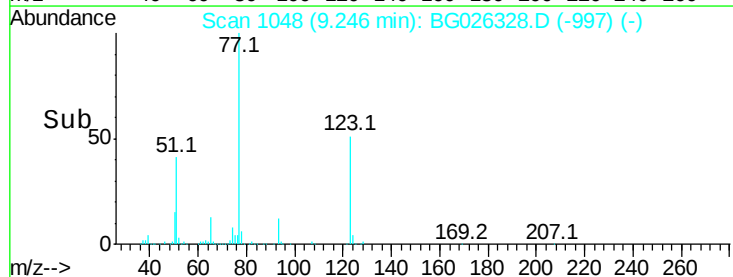
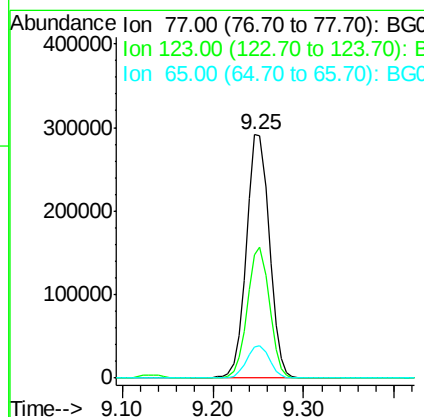
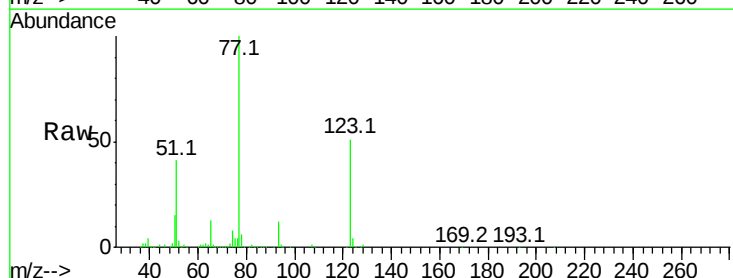
Manual Integrations
 APPROVED

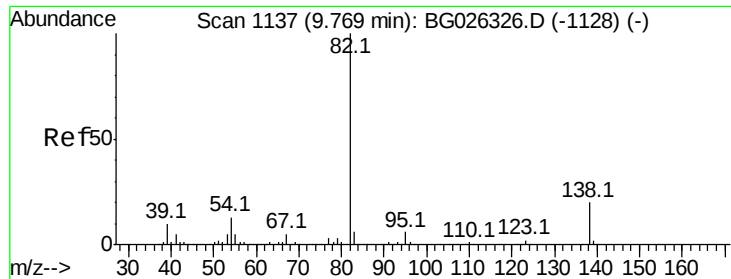
mohammad
 3/21/2017 5:21:54 PM



#24
 Nitrobenzene
 Concen: 58.08 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	26.1	39.1#
65	12.9	12.4	18.6





#25

Isophorone

Concen: 54.33 ng

RT: 9.77 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 979771

Ion Ratio Lower Upper

82 100

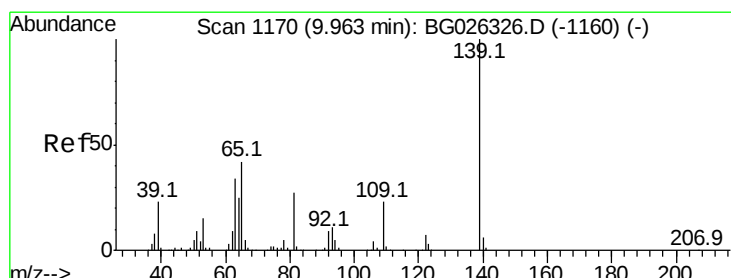
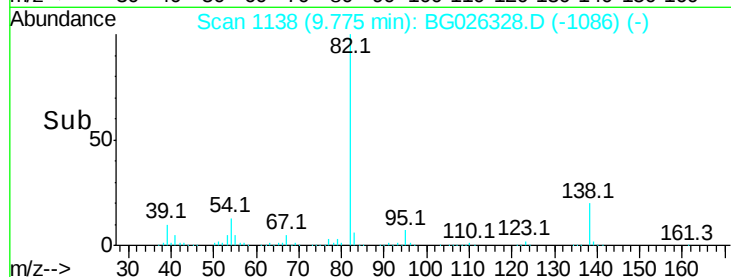
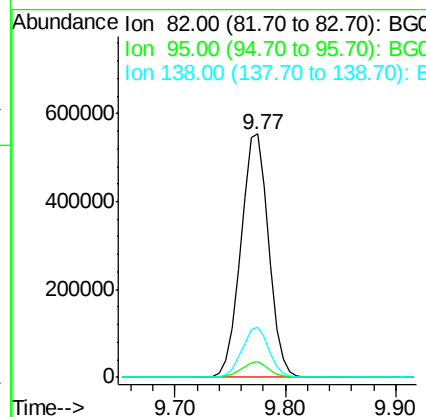
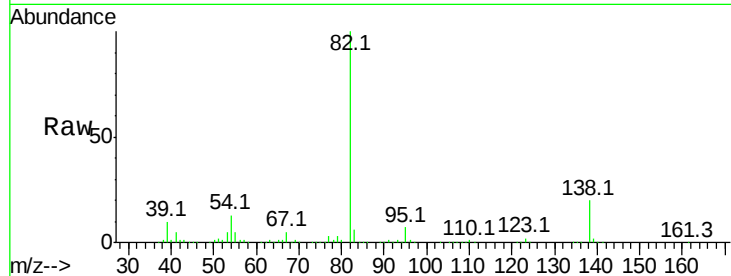
95 6.7 7.5 11.3#

138 20.4 12.3 18.5#

Manual Integrations
APPROVED

mohammad

3/21/2017 5:21:54 PM



#26

2-Nitrophenol

Concen: 67.30 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

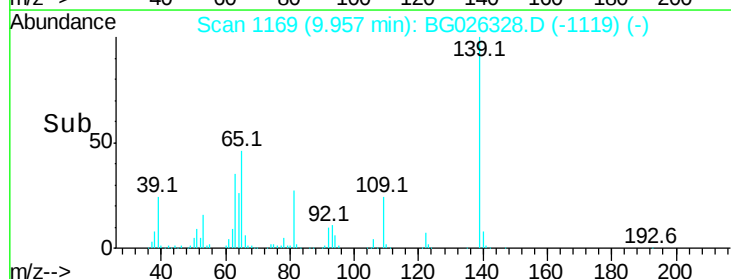
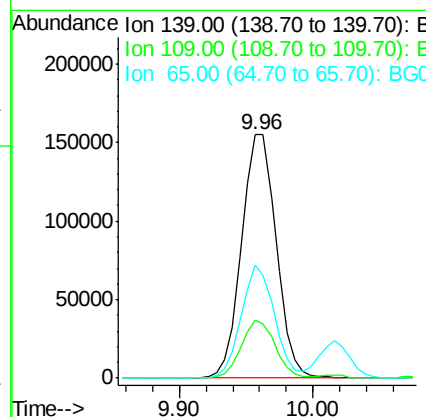
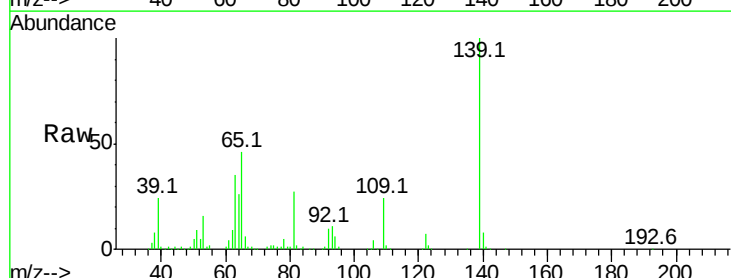
Tgt Ion: 139 Resp: 278889

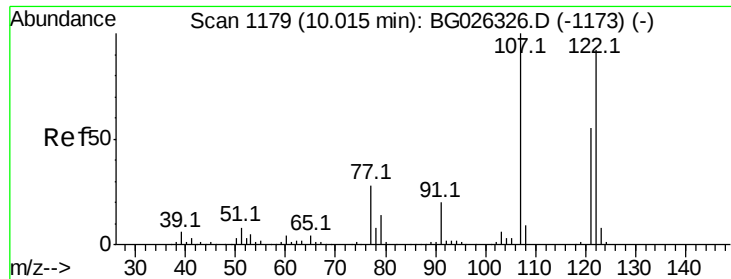
Ion Ratio Lower Upper

139 100

109 24.0 38.6 58.0#

65 46.4 57.1 85.7#





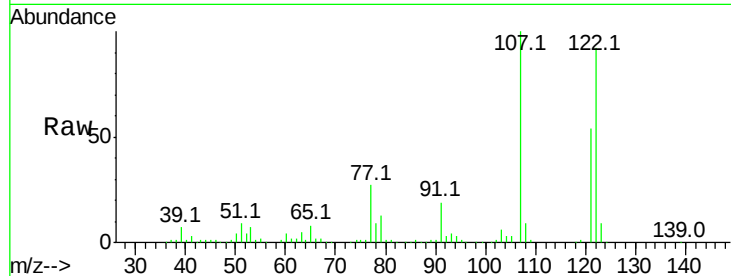
#27
 2,4-Dimethylphenol
 Concen: 58.27 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

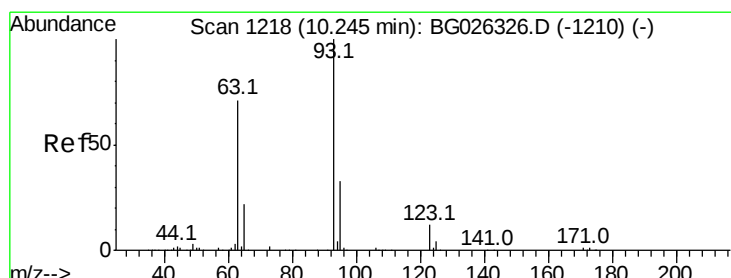
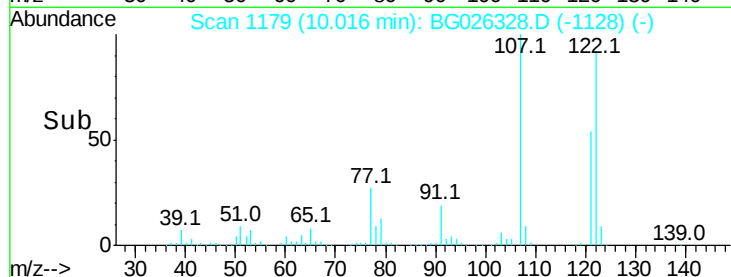
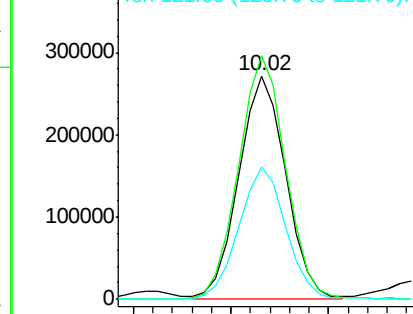
Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		450648		
107	108.9	104.2	156.4		
121	59.3	46.0	69.0		

Manual Integrations
 APPROVED

mohammad
 3/21/2017 5:21:54 PM

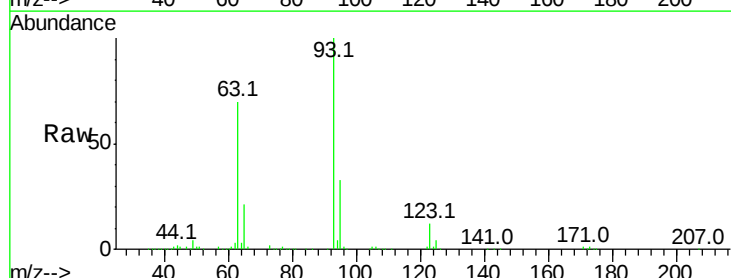


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

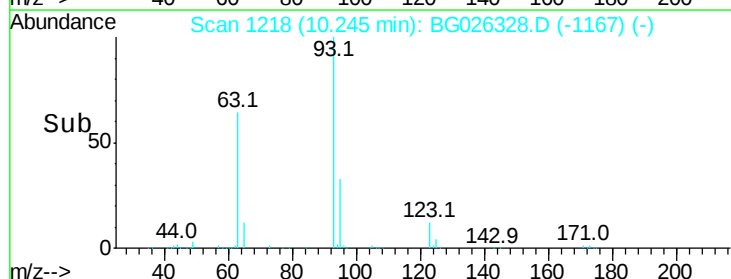
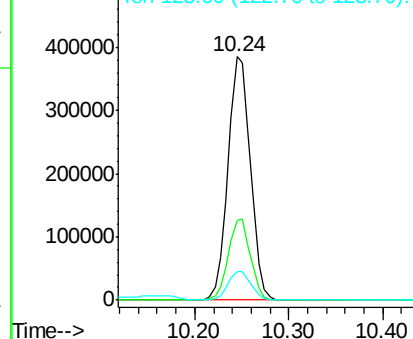


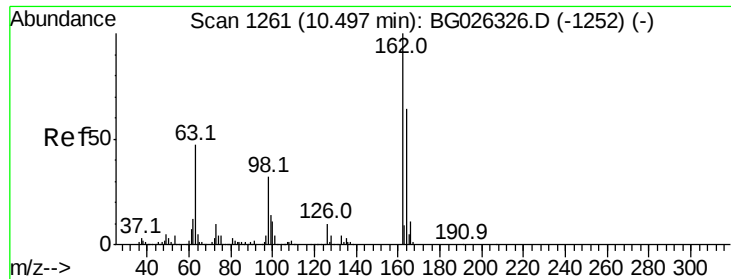
#28
 bis(2-Chloroethoxy)methane
 Concen: 55.63 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		635753		
95	32.9	25.7	38.5		
123	11.9	8.3	12.5		



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





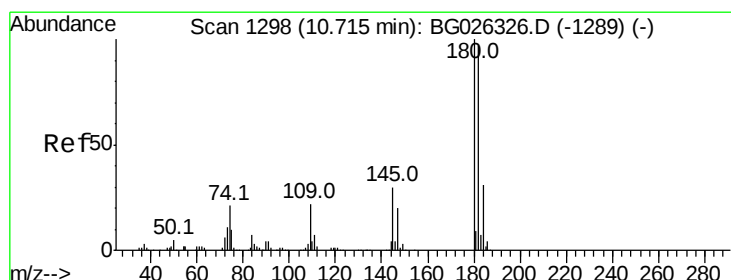
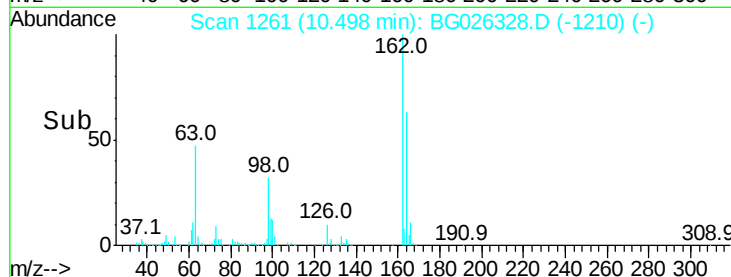
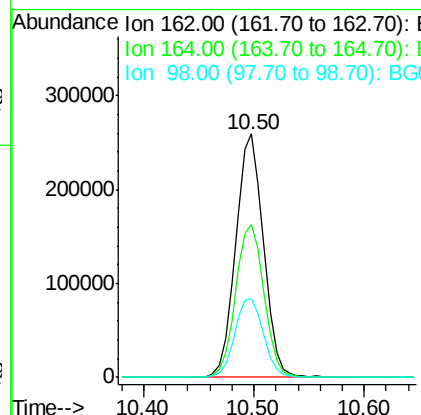
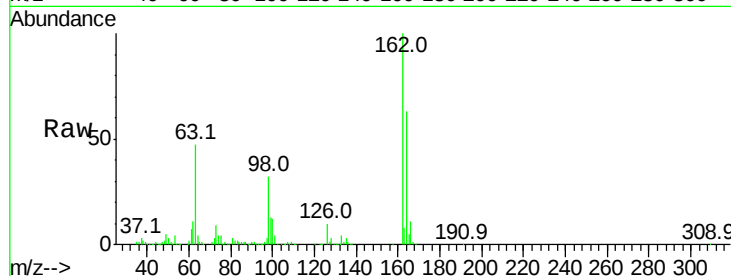
#29
2,4-Dichlorophenol
Concen: 62.10 ng
RT: 10.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
162	100	458402		
164	62.7	42.4	82.4	
98	32.0	20.3	60.3	

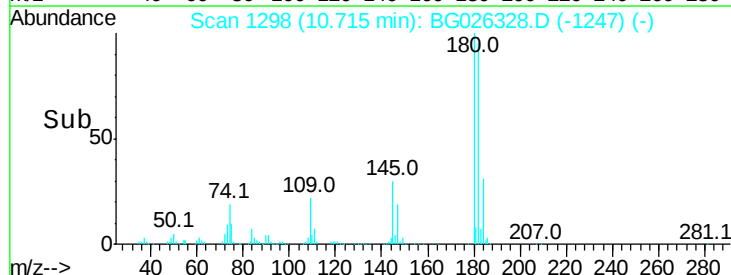
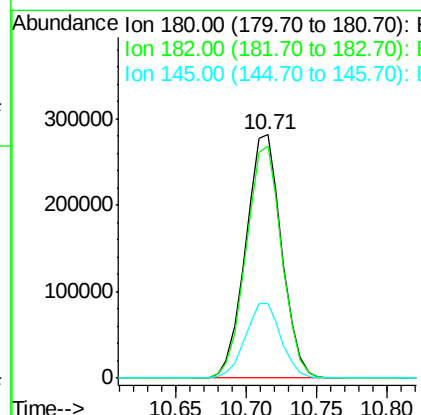
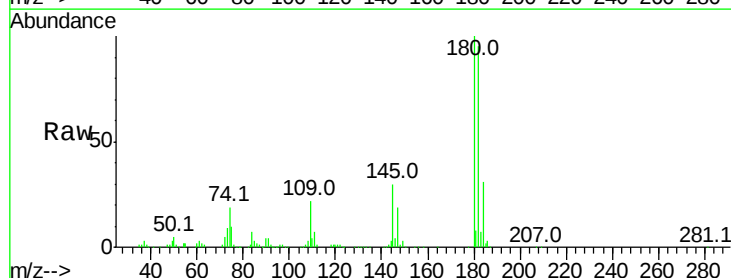
Manual Integrations
APPROVED

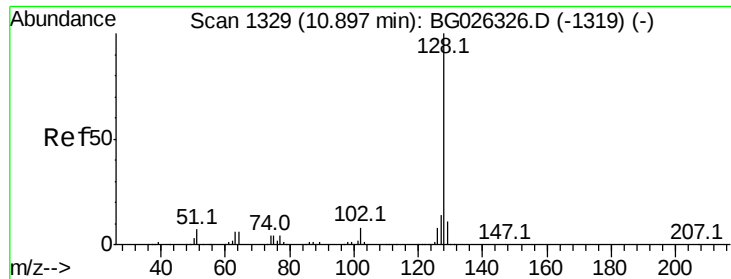
mohammad
3/21/2017 5:21:54 PM



#30
1,2,4-Trichlorobenzene
Concen: 62.43 ng
RT: 10.71 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	501175		
182	95.2	77.0	115.4	
145	30.5	23.4	35.0	





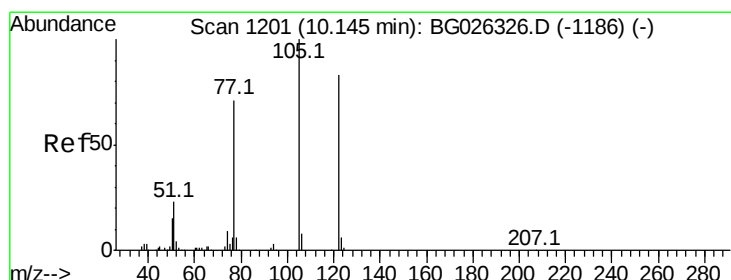
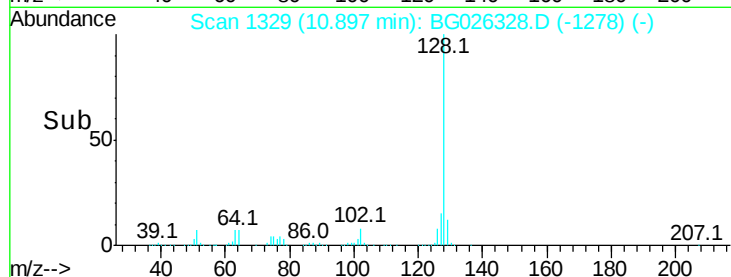
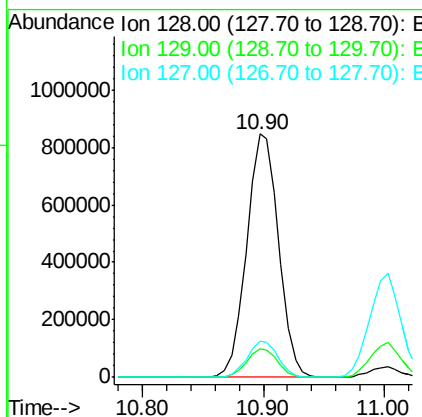
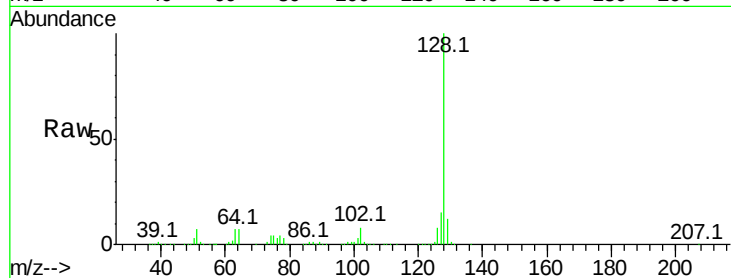
#31
Naphthalene
Concen: 58.01 ng
RT: 10.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion:128 Resp: 1550943
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 14.9 11.4 17.0

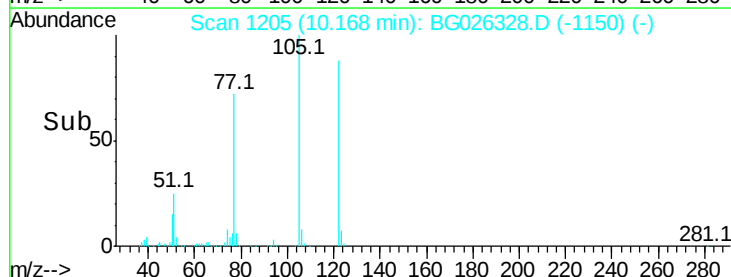
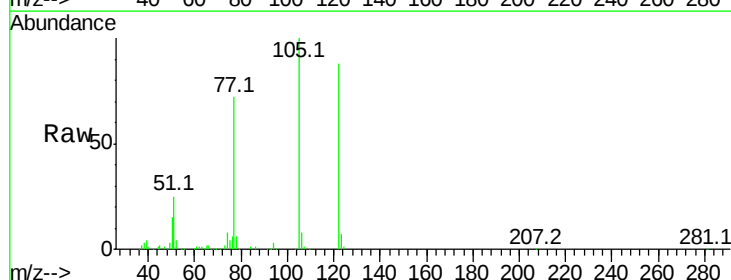
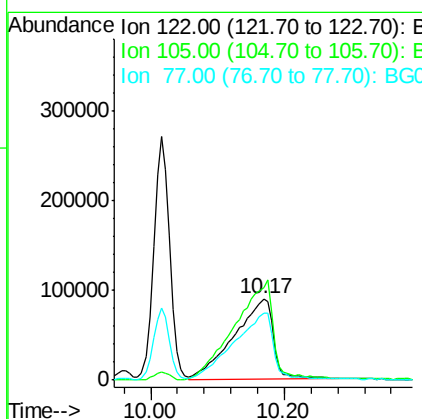
Manual Integrations
APPROVED

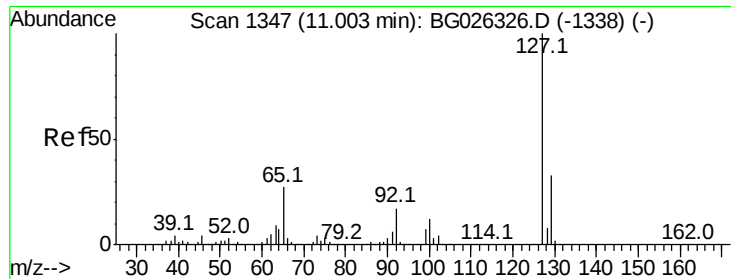
mohammad
3/21/2017 5:21:54 PM



#32
Benzoic acid
Concen: 61.69 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.02 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion:122 Resp: 364262
Ion Ratio Lower Upper
122 100
105 113.9 120.1 160.1#
77 82.1 104.6 144.6#





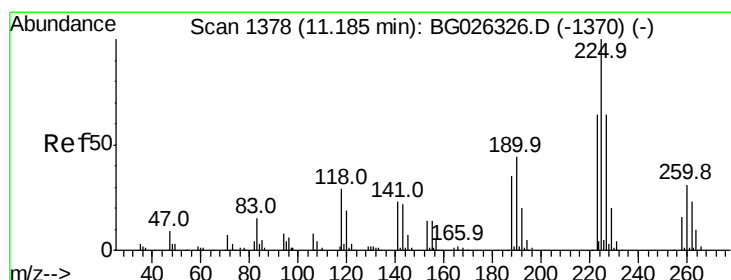
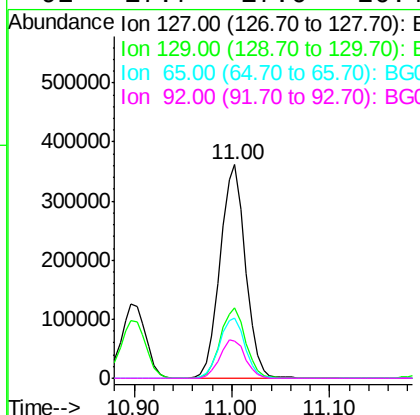
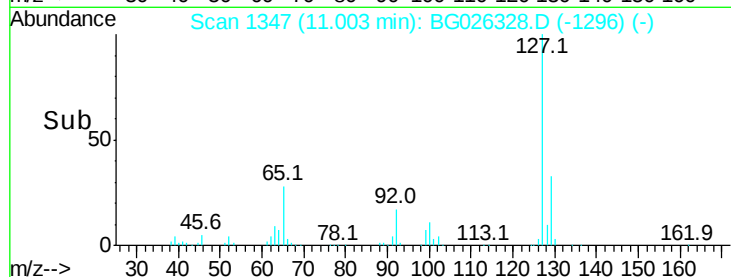
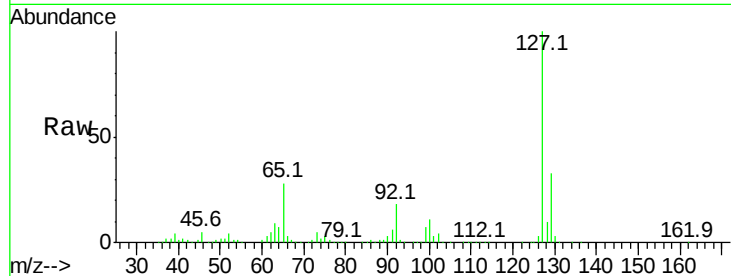
#33
4-Chloroaniline
Concen: 55.90 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	23.6	35.4		
65	28.4	37.7	56.5		
92	17.7	17.6	26.4		

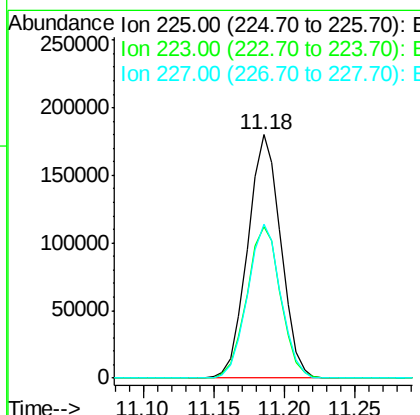
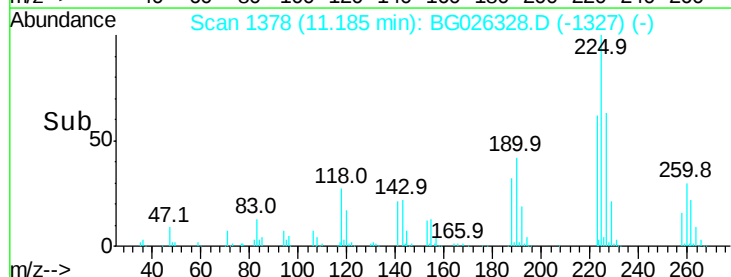
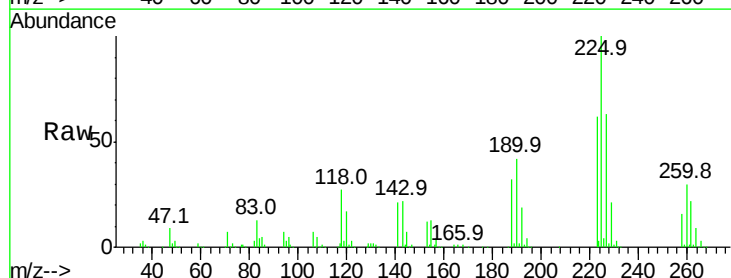
Manual Integrations
APPROVED

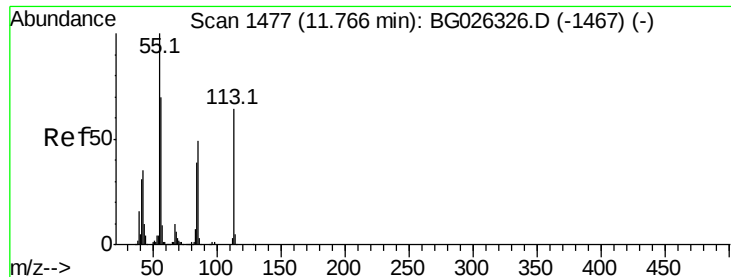
mohammad
3/21/2017 5:21:54 PM



#34
Hexachlorobutadiene
Concen: 64.85 ng
RT: 11.18 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	50.7	76.1		
227	63.3	49.0	73.6		





#35

Caprolactam

Concen: 59.85 ng

RT: 11.78 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

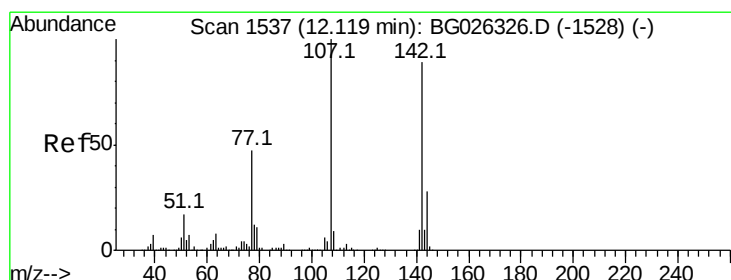
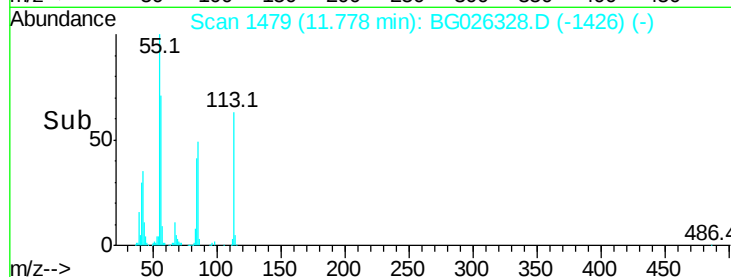
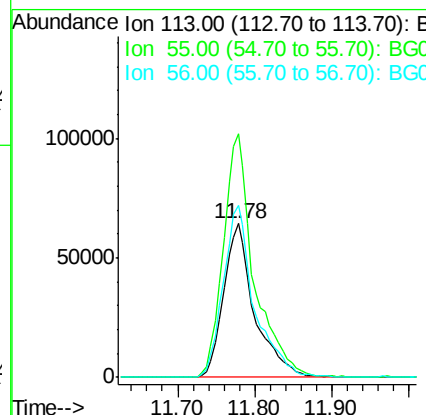
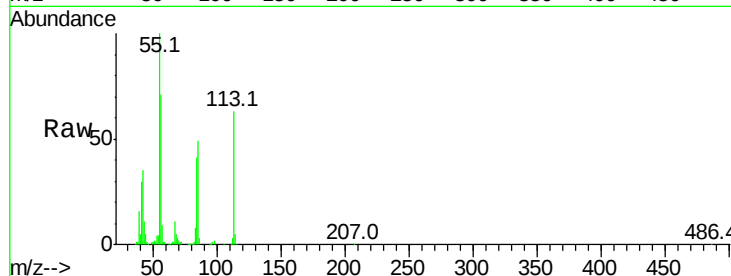
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	158.6	198.6	238.6#	
56	112.1	140.4	180.4#	

Manual Integrations
APPROVED

mohammad
3/21/2017 5:21:54 PM



#36

4-Chloro-3-methylphenol

Concen: 54.62 ng

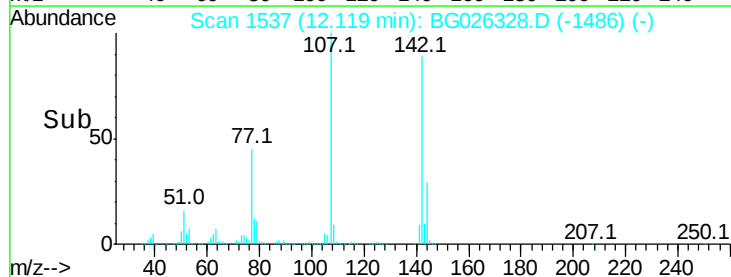
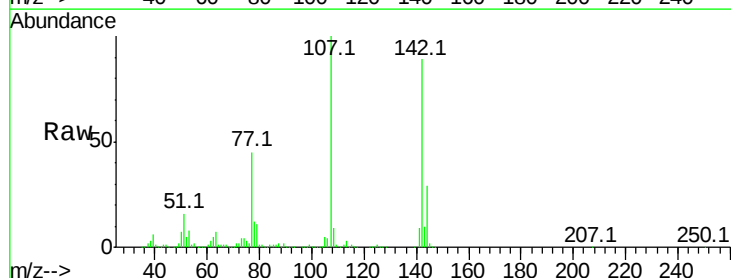
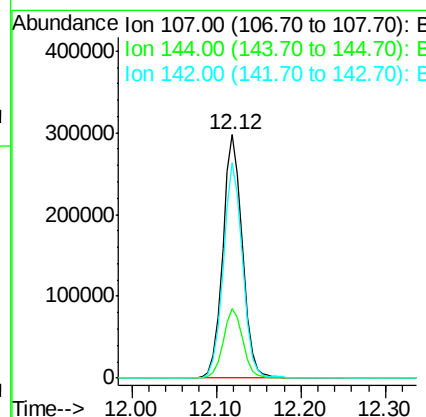
RT: 12.12 min Scan# 1537

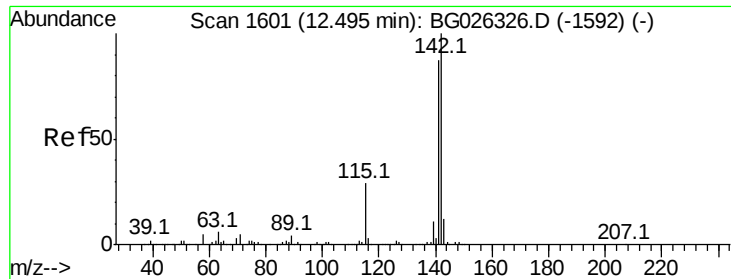
Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	28.5	17.4	26.0#	
142	88.6	54.1	81.1#	





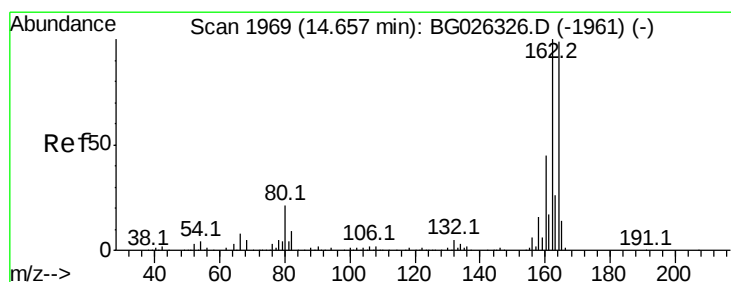
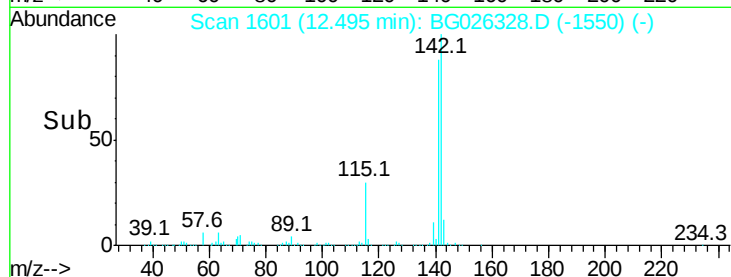
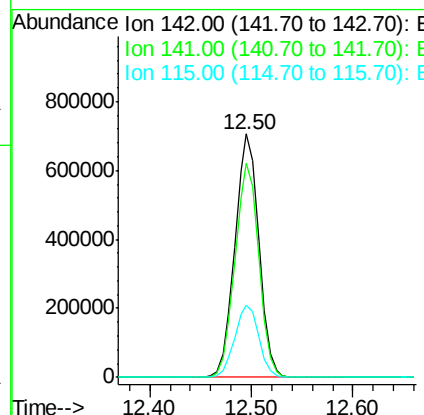
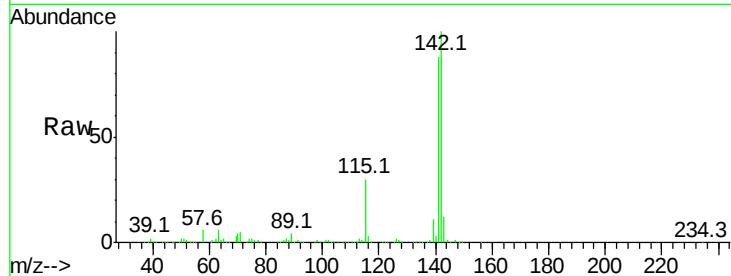
#37
2-Methylnaphthalene
Concen: 56.55 ng
RT: 12.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	29.8	35.5	53.3

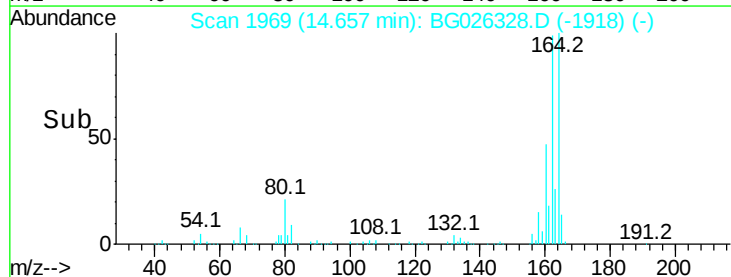
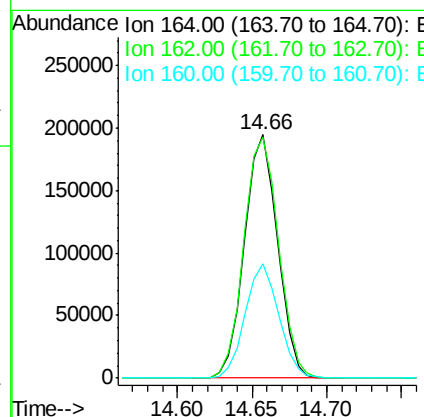
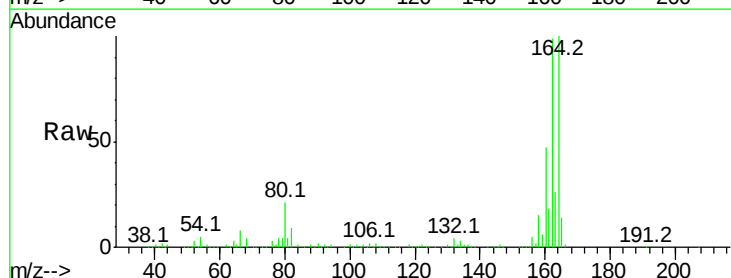
Manual Integrations
APPROVED

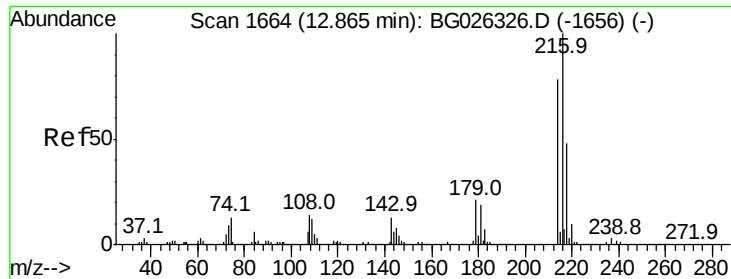
mohammad
3/21/2017 5:21:54 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	85.1	127.7
160	47.2	34.7	52.1





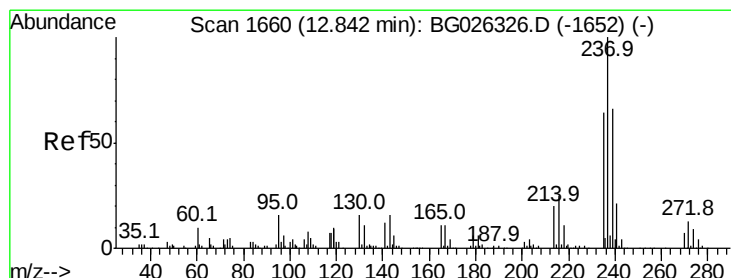
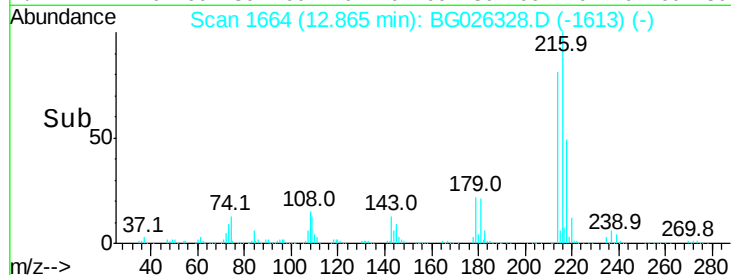
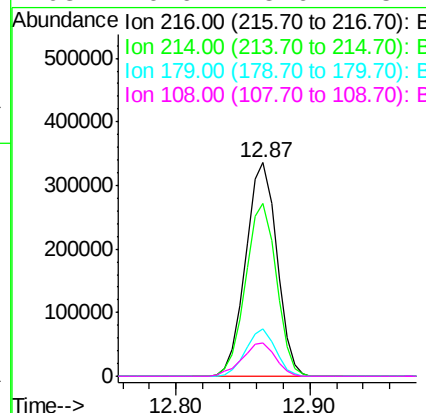
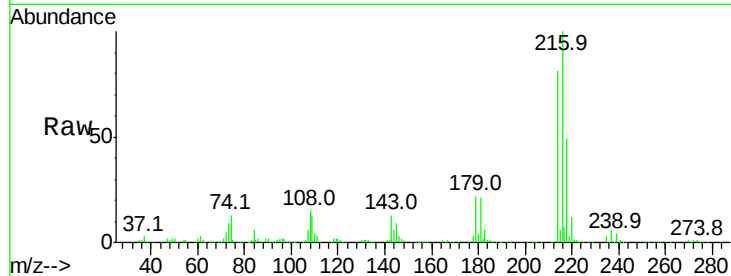
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 72.32 ng
 RT: 12.87 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Instrument :
 BNA_G
 ClientSampleID :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
216	100	540604		
214	80.0	64.4	96.6	
179	21.1	17.4	26.0	
108	16.6	15.6	23.4	

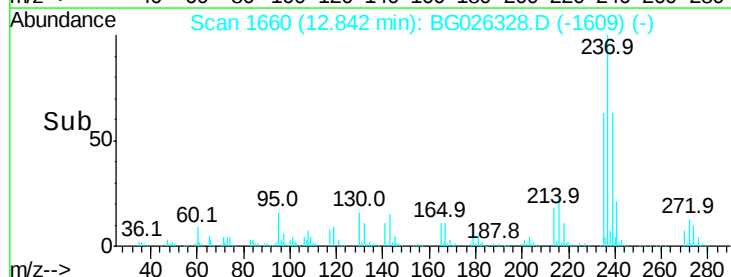
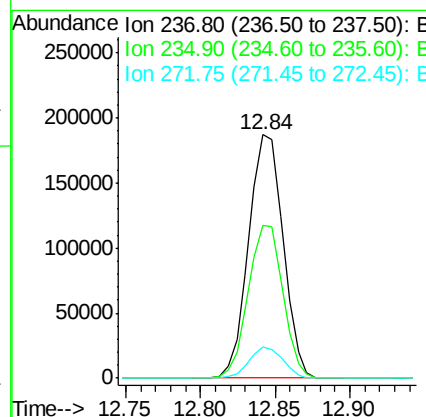
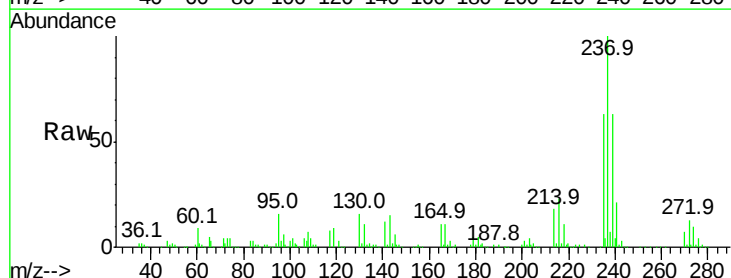
Manual Integrations
 APPROVED

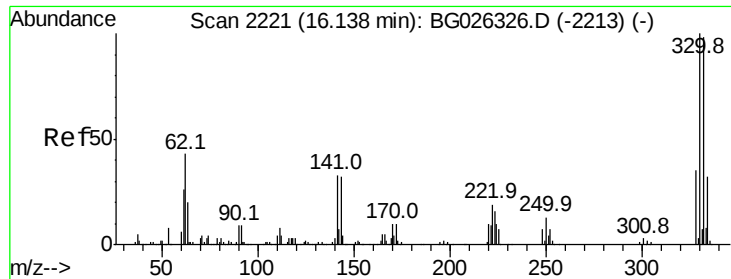
mohammad
 3/21/2017 5:21:54 PM



#40
 Hexachlorocyclopentadiene
 Concen: 73.07 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	298908		
235	62.5	39.4	79.4	
272	12.7	0.0	32.0	





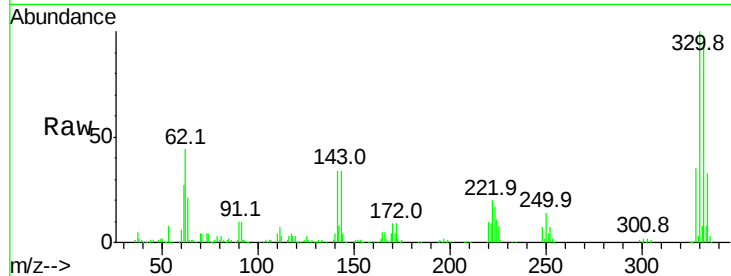
#41
 2,4,6-Tribromophenol
 Concen: 151.92 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

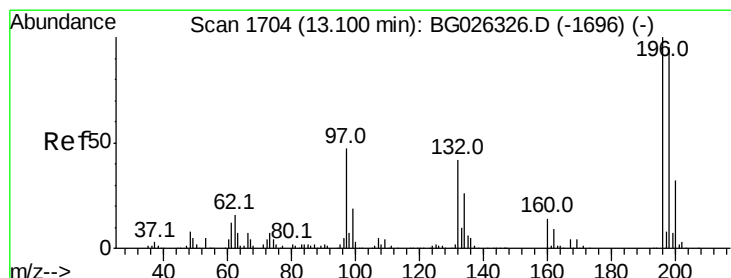
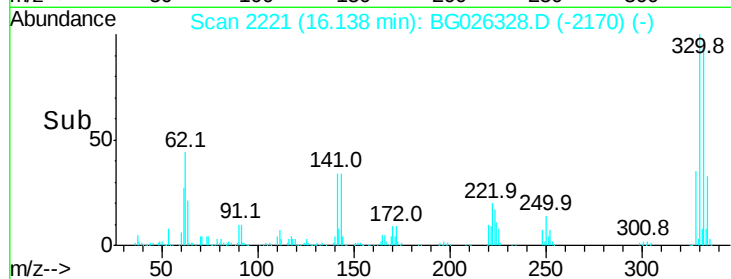
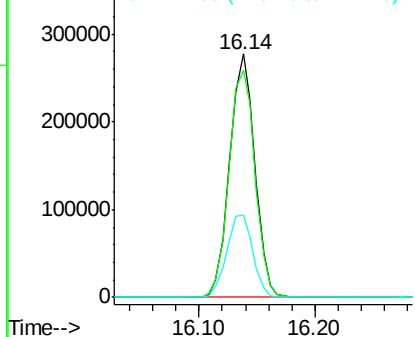
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.3	115.9	
141	35.3	32.1	48.1	

Manual Integrations
 APPROVED

mohammad
 3/21/2017 5:21:54 PM



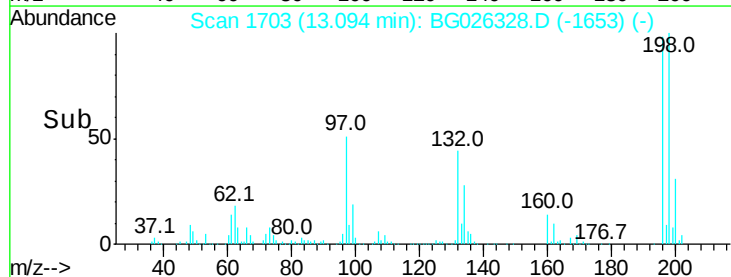
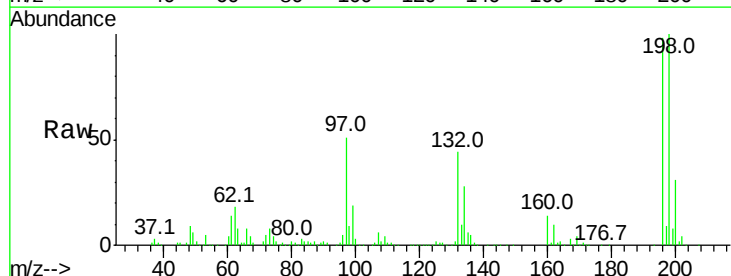
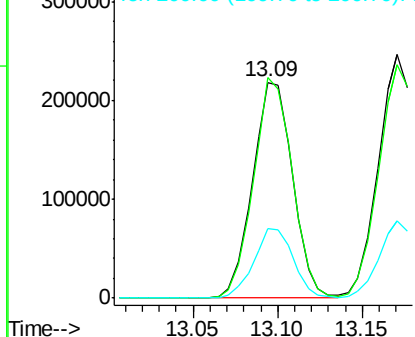
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 74.23 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.4	81.4	122.2	
200	32.1	27.0	40.6	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





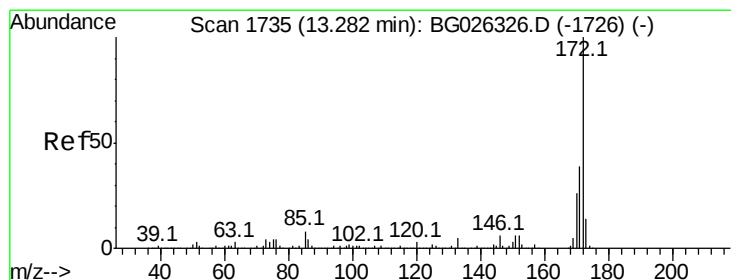
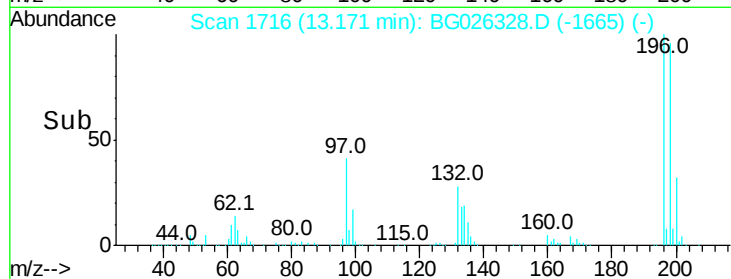
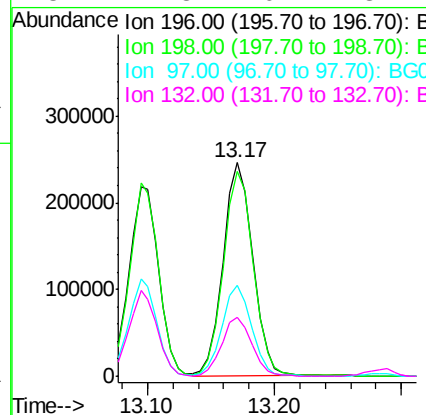
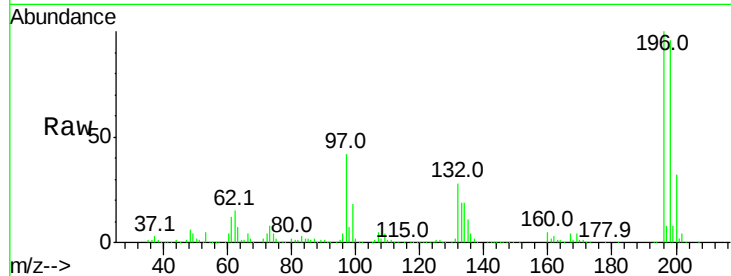
#43
 2,4,5-Trichlorophenol
 Concen: 72.83 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	399167		
198	95.7	79.9	119.9	
97	42.4	45.4	68.0	
132	27.8	20.7	31.1	

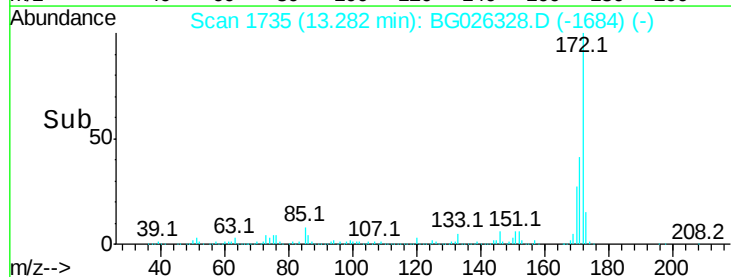
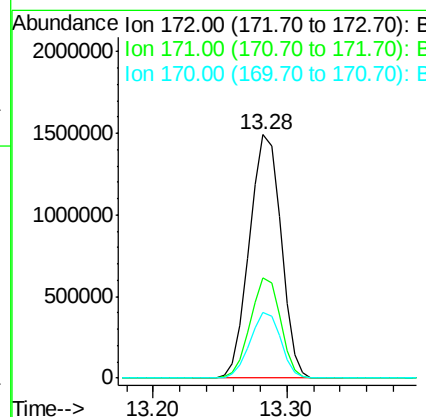
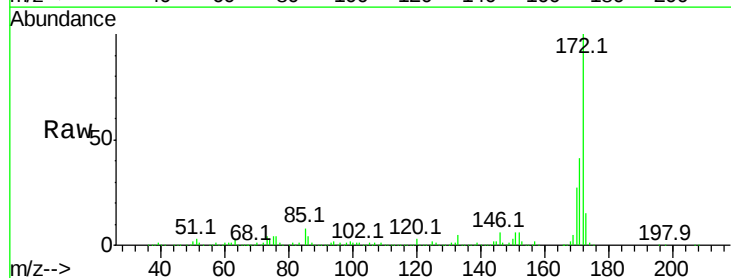
Manual Integrations
 APPROVED

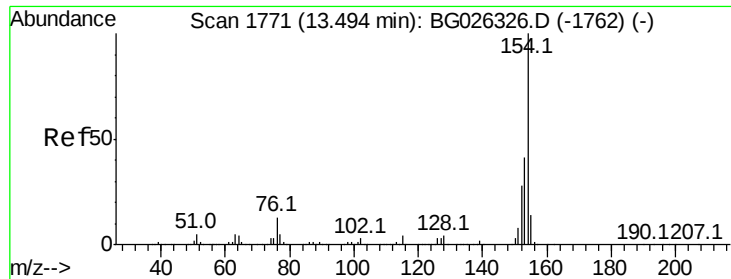
mohammad
 3/21/2017 5:21:54 PM



#44
 2-Fluorobiphenyl
 Concen: 142.60 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2434115		
171	41.0	32.2	48.2	
170	27.2	21.8	32.6	





#45

1,1'-Biphenyl

Concen: 67.32 ng

RT: 13.49 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:154 Resp: 1455191

Ion Ratio Lower Upper

154 100

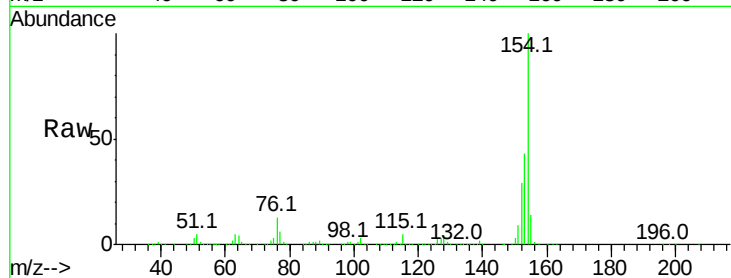
153 42.7 23.0 63.0

76 12.9 0.0 33.5

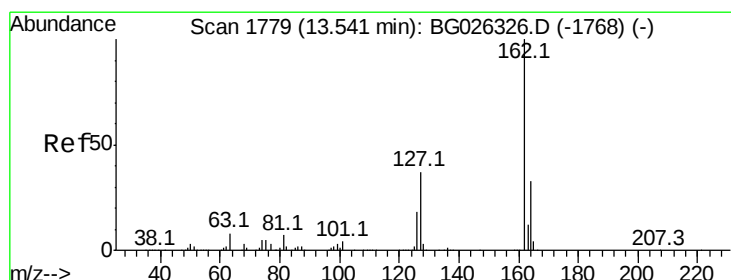
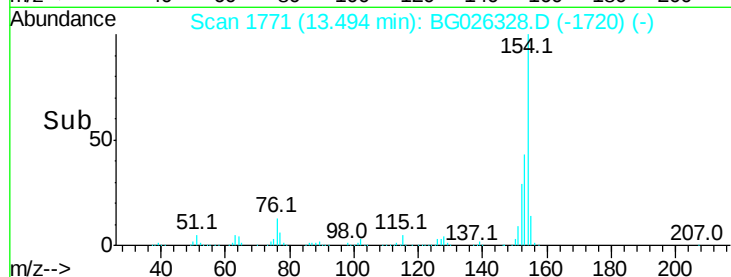
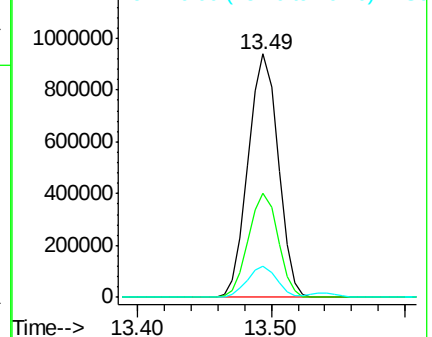
Manual Integrations
APPROVED

mohammad

3/21/2017 5:21:54 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 68.56 ng

RT: 13.54 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

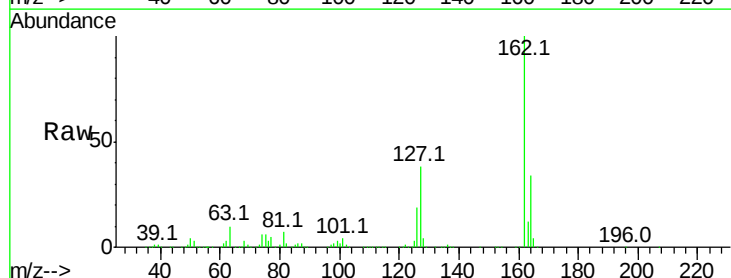
Tgt Ion:162 Resp: 1071292

Ion Ratio Lower Upper

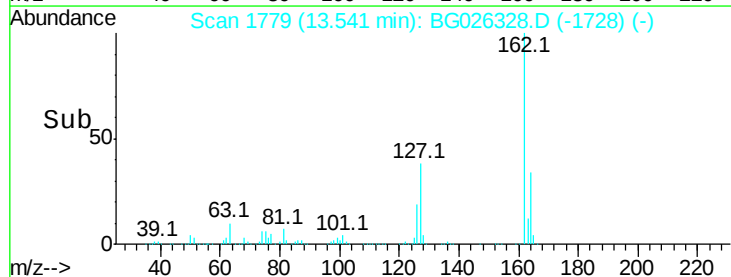
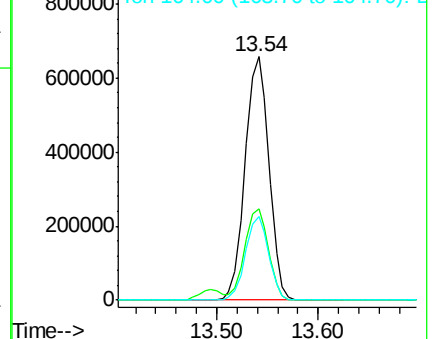
162 100

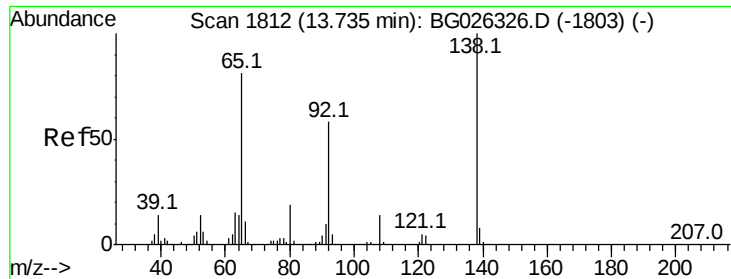
127 37.8 32.2 48.4

164 34.4 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 64.58 ng

RT: 13.73 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion: 65 Resp: 320067

Ion Ratio Lower Upper

65 100

92 71.8 49.0 73.4

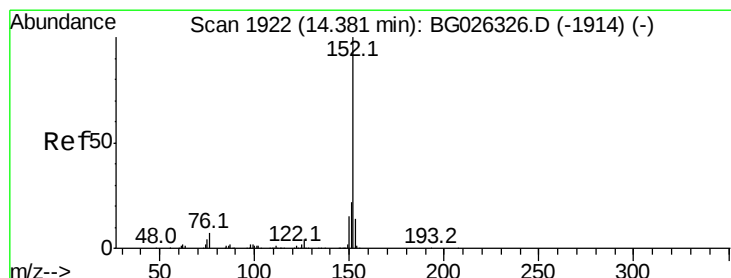
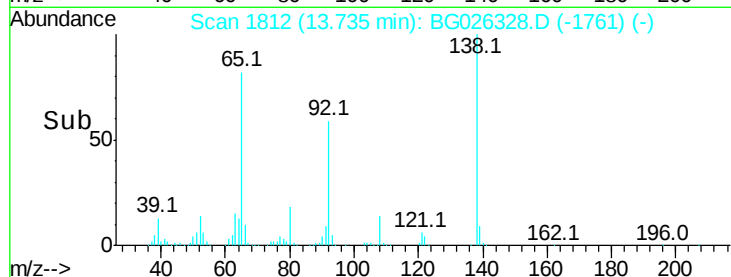
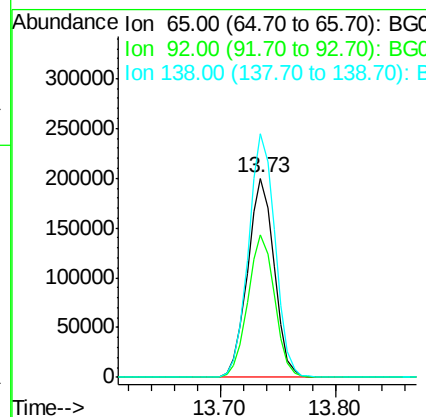
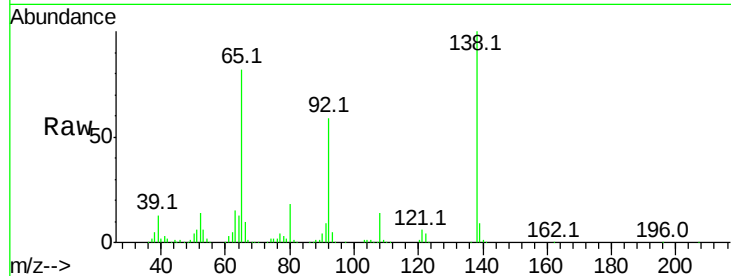
138 122.4 58.6 87.8#

Manual Integrations

APPROVED

mohammad

3/21/2017 5:21:54 PM



#48

Acenaphthylene

Concen: 66.96 ng

RT: 14.38 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

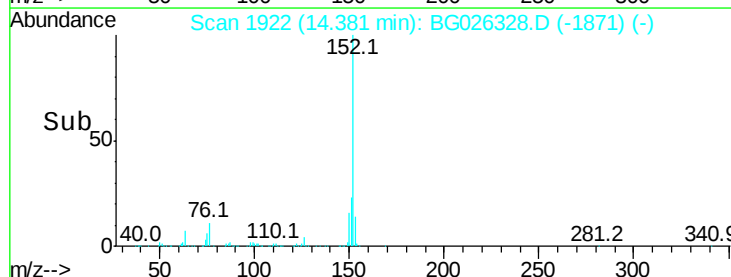
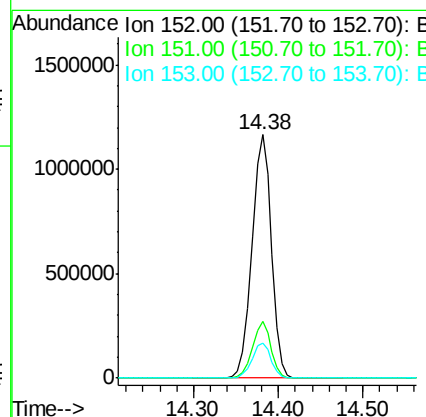
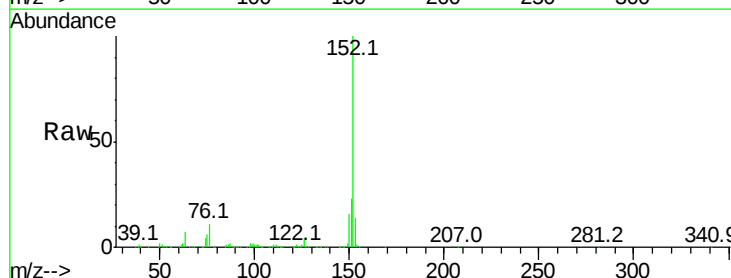
Tgt Ion:152 Resp: 1862913

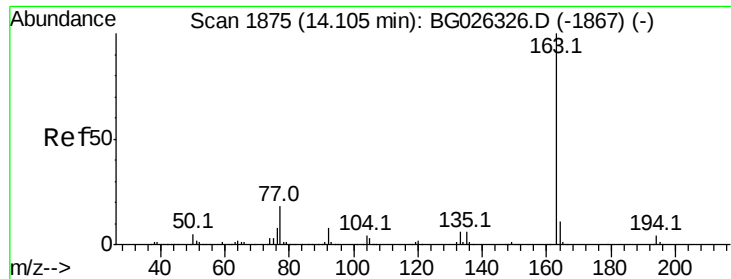
Ion Ratio Lower Upper

152 100

151 23.1 18.2 27.2

153 14.4 11.3 16.9





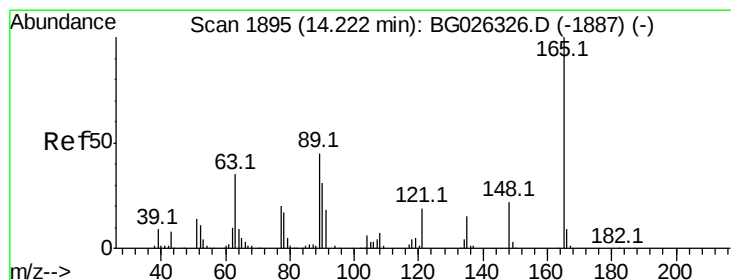
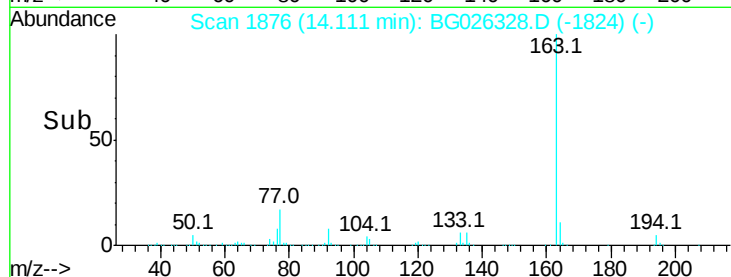
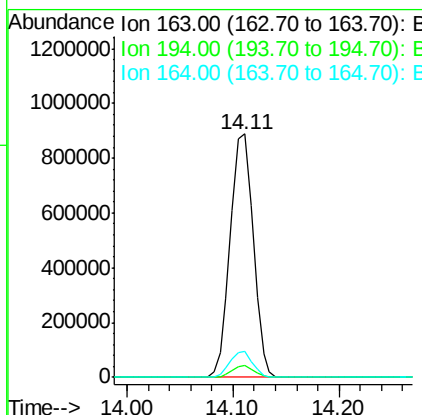
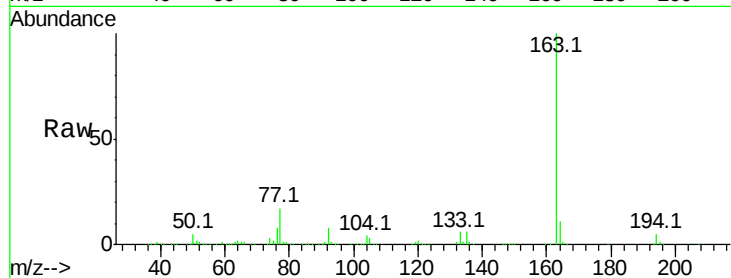
#49
Dimethylphthalate
Concen: 65.43 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.6
164	10.7	9.3	13.9

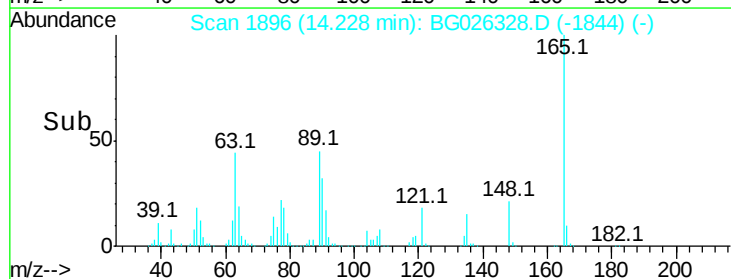
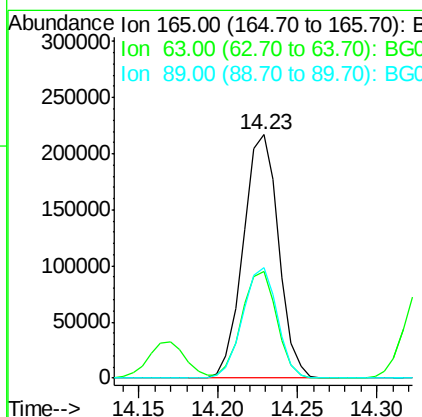
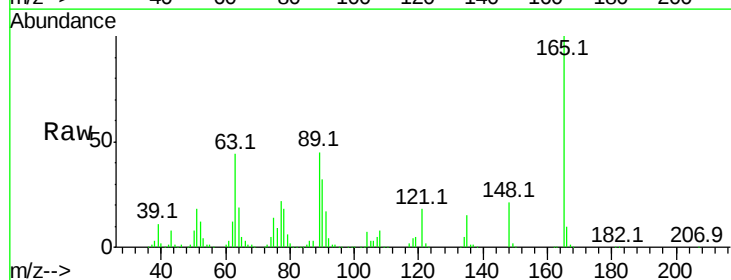
Manual Integrations
APPROVED

mohammad
3/21/2017 5:21:54 PM



#50
2,6-Dinitrotoluene
Concen: 73.02 ng
RT: 14.23 min Scan# 1896
Delta R.T. 0.01 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.0	63.9	95.9#
89	45.4	58.6	88.0#





#51

Acenaphthene

Concen: 63.02 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion:154 Resp: 1158007

Ion Ratio Lower Upper

154 100

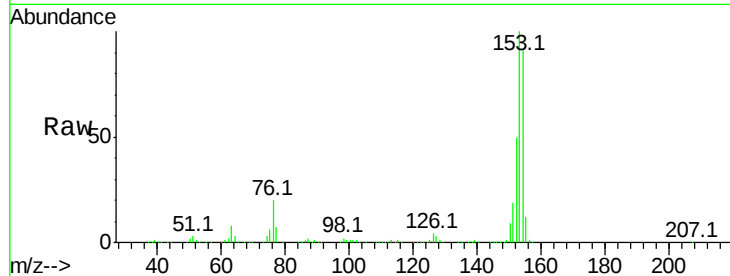
153 110.0 87.8 131.6

152 54.5 42.2 63.4

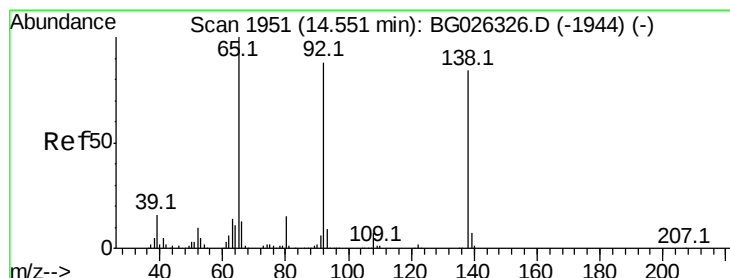
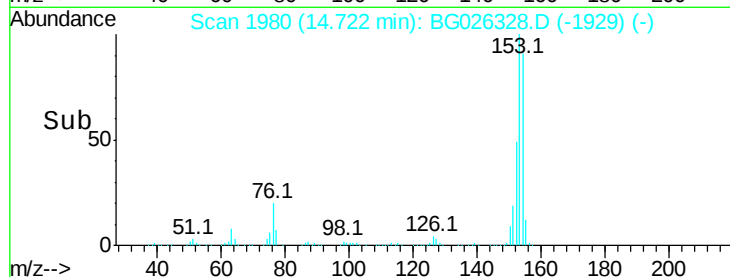
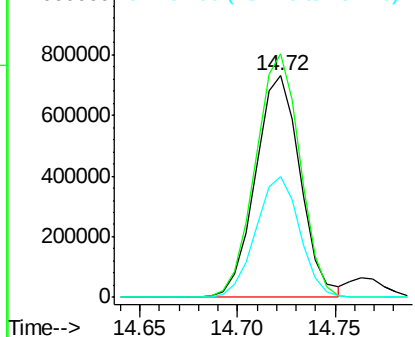
Manual Integrations
APPROVED

mohammad

3/21/2017 5:21:54 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 71.52 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

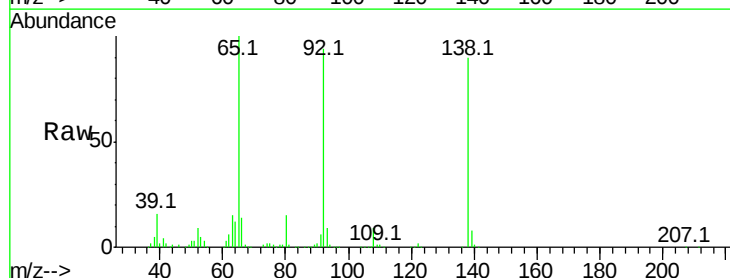
Tgt Ion:138 Resp: 367708

Ion Ratio Lower Upper

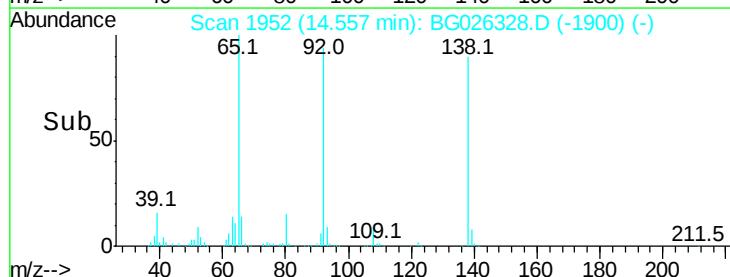
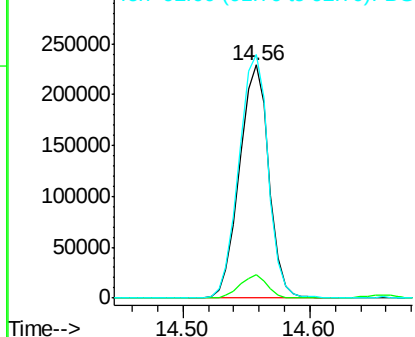
138 100

108 10.1 10.9 16.3#

92 104.4 115.3 172.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC





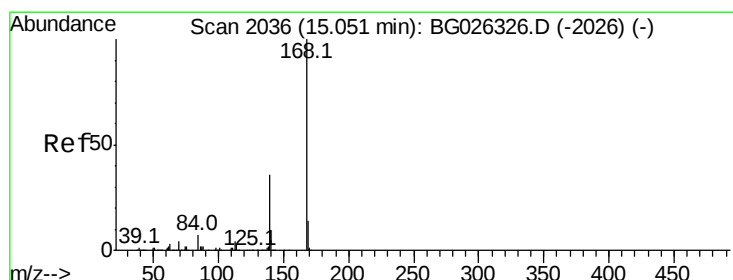
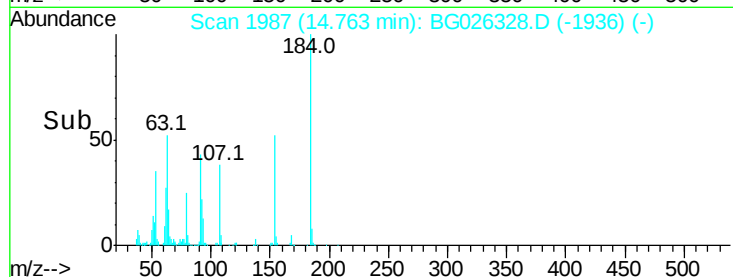
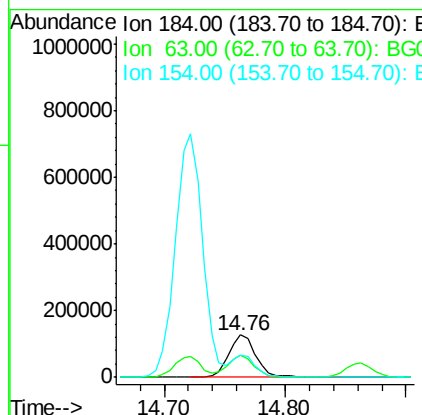
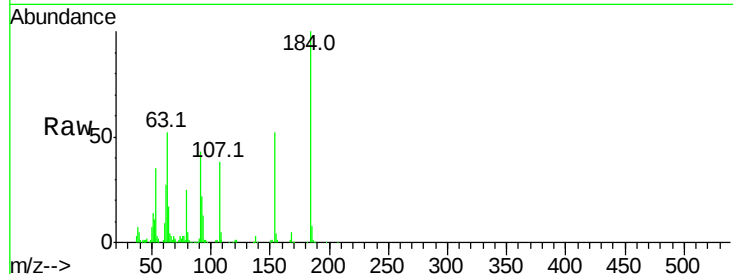
#53
2,4-Dinitrophenol
Concen: 82.99 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.9	52.7	79.1#
154	52.3	57.3	85.9#

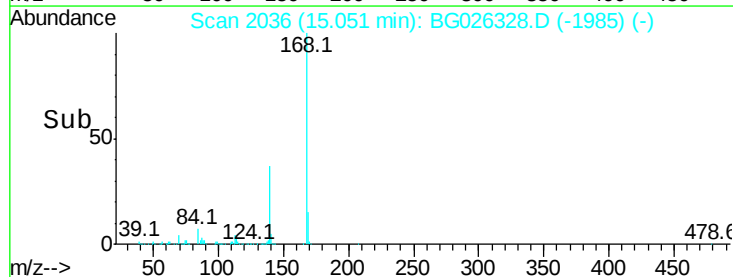
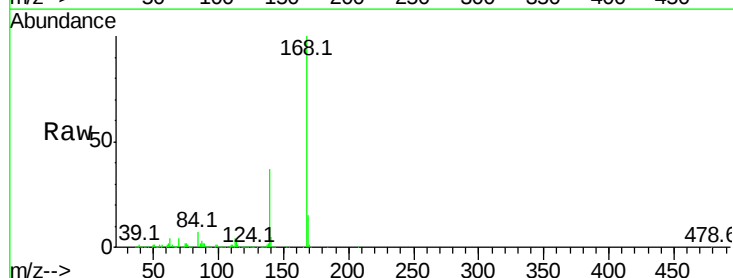
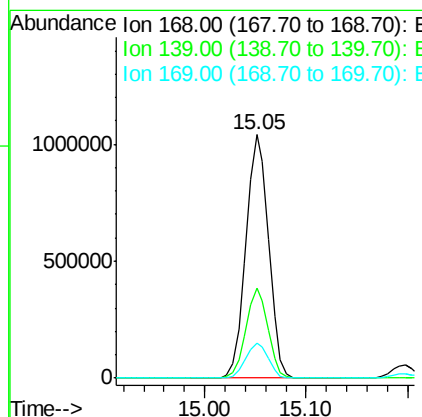
Manual Integrations
APPROVED

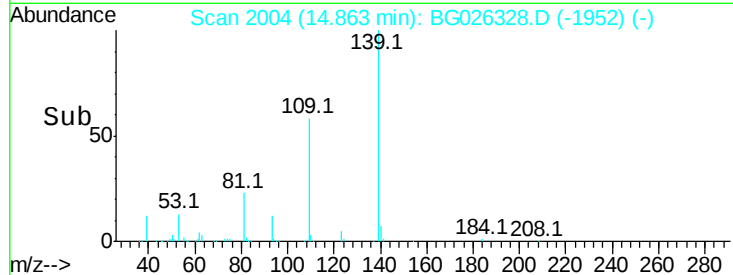
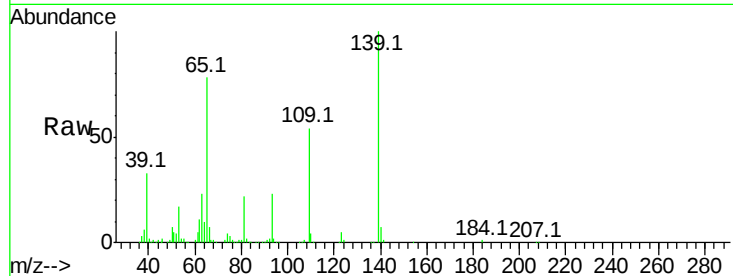
mohammad
3/21/2017 5:21:54 PM



#54
Dibenzofuran
Concen: 65.47 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	35.3	52.9
169	14.5	11.5	17.3





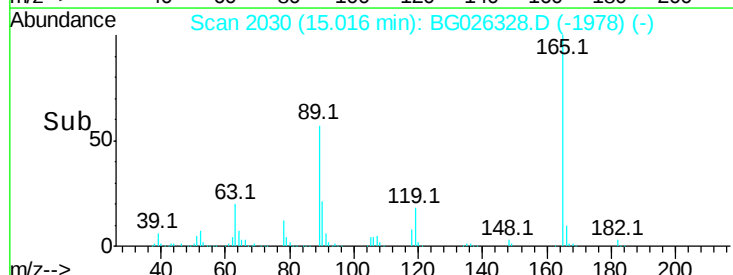
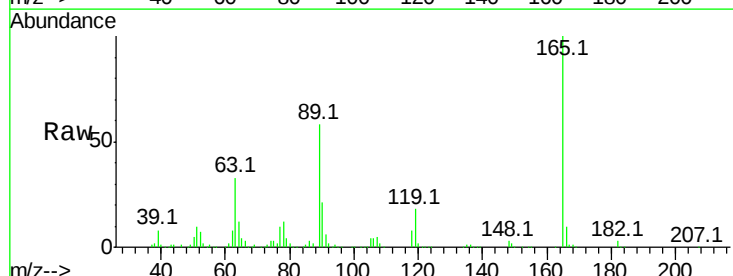
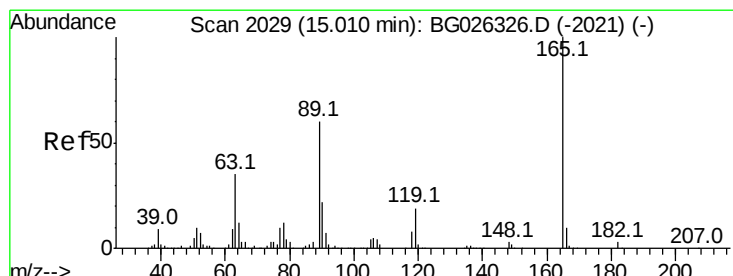
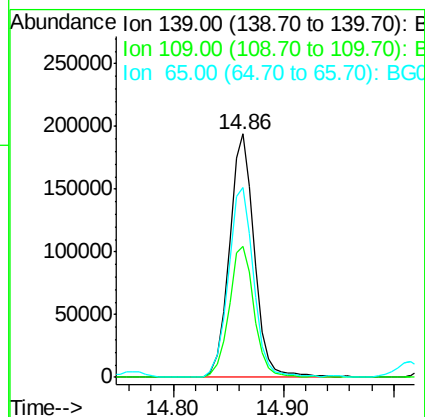
#55
4-Nitrophenol
Concen: 73.42 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	53.8	101.2	141.2#	
65	78.2	135.3	175.3#	

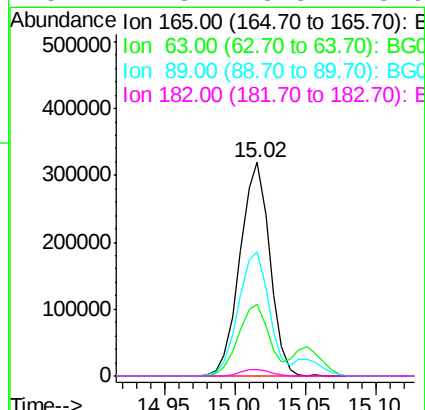
Manual Integrations
APPROVED

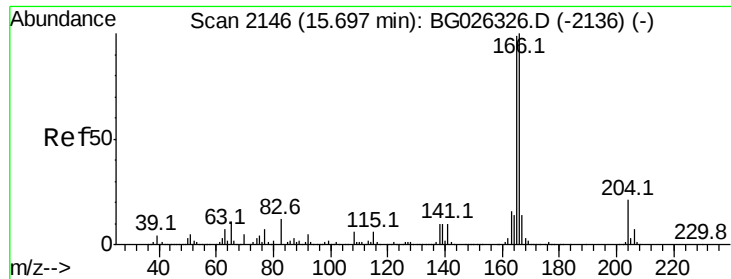
mohammad
3/21/2017 5:21:54 PM



#56
2,4-Dinitrotoluene
Concen: 76.24 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	33.5	44.0	66.0#	
89	58.4	67.3	100.9#	
182	2.8	3.8	5.6#	





#57

Fluorene

Concen: 65.52 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion:166 Resp: 1434100

Ion Ratio Lower Upper

166 100

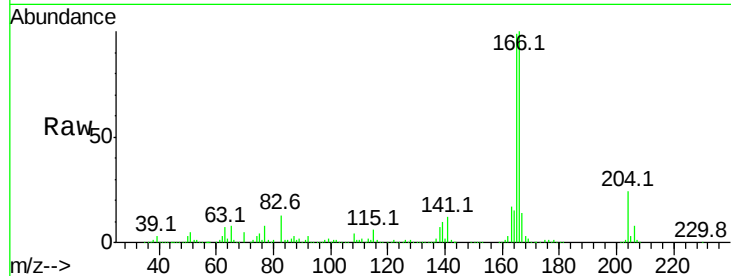
165 99.0 78.6 117.8

167 14.4 11.6 17.4

Manual Integrations
APPROVED

mohammad

3/21/2017 5:21:54 PM

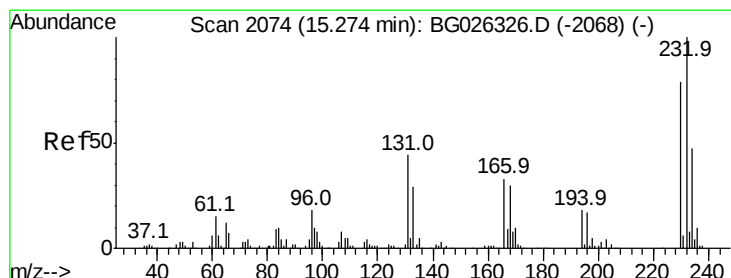
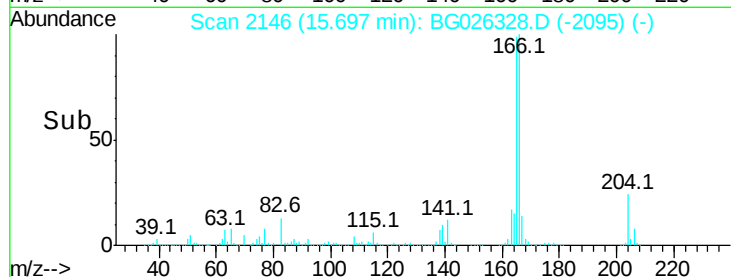
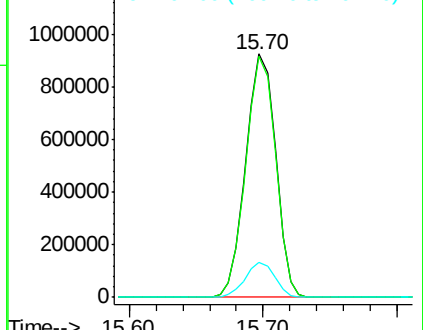


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 70.99 ng

RT: 15.28 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Tgt Ion:232 Resp: 343247

Ion Ratio Lower Upper

232 100

131 43.7 34.9 52.3

130 2.3 2.3 3.5#

166 31.4 24.2 36.4

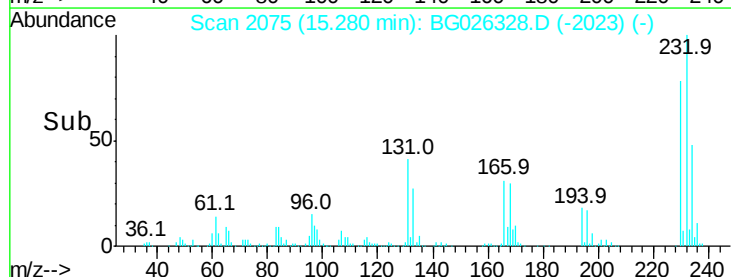
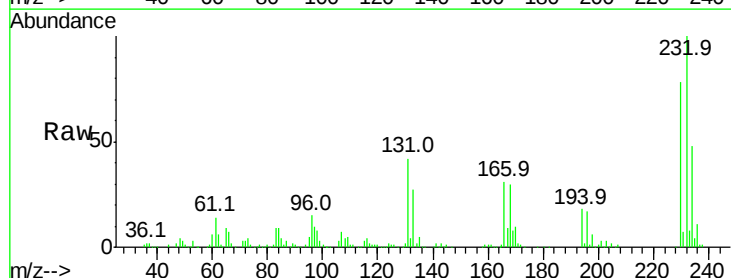
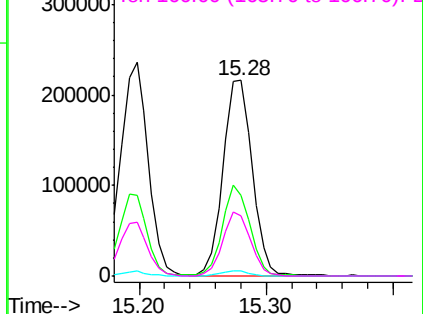
Abundance

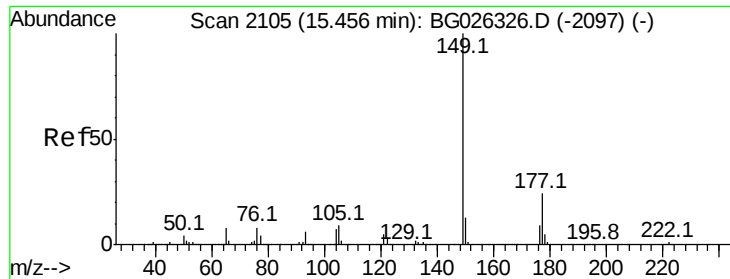
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





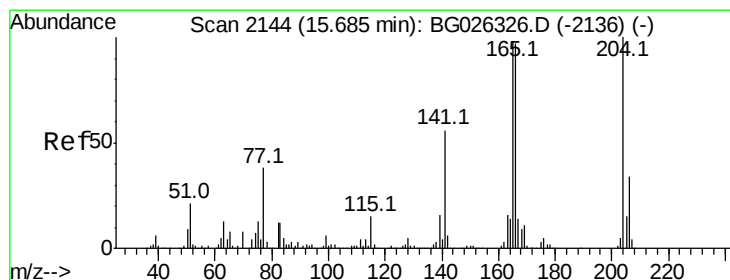
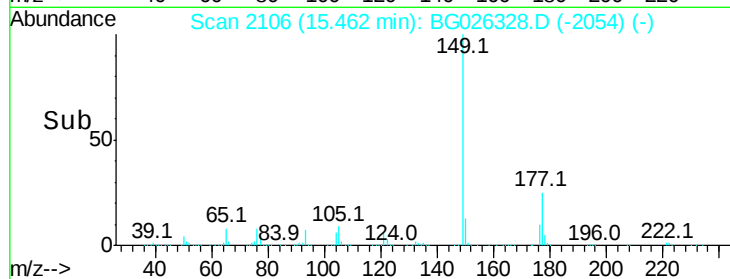
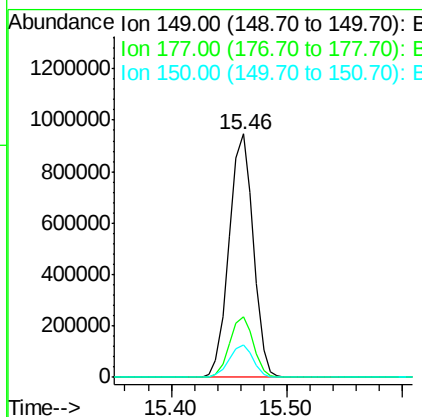
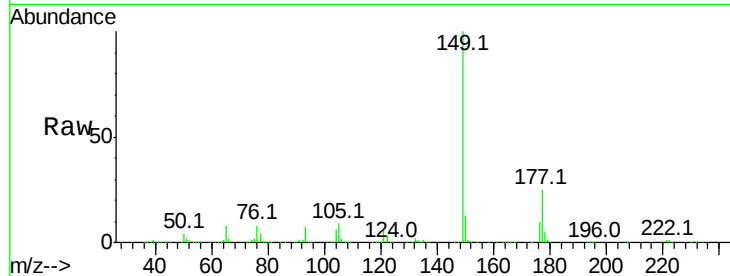
#59
Diethylphthalate
Concen: 64.66 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion:149 Resp: 1368476
Ion Ratio Lower Upper
149 100
177 25.1 20.1 30.1
150 13.3 10.2 15.2

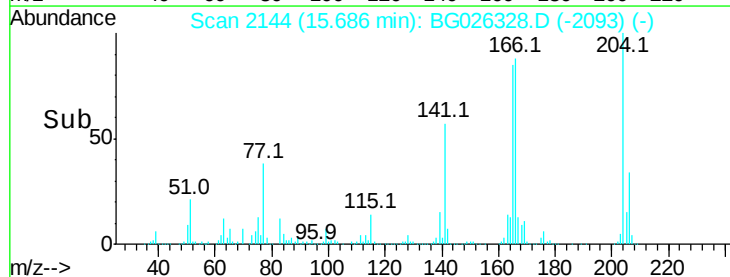
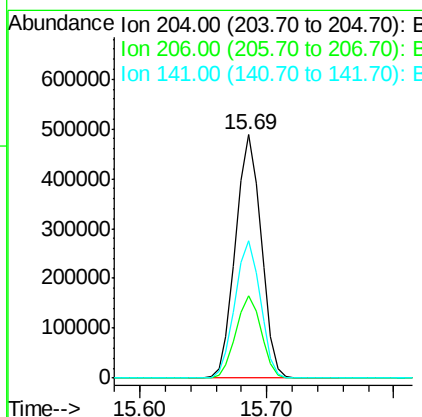
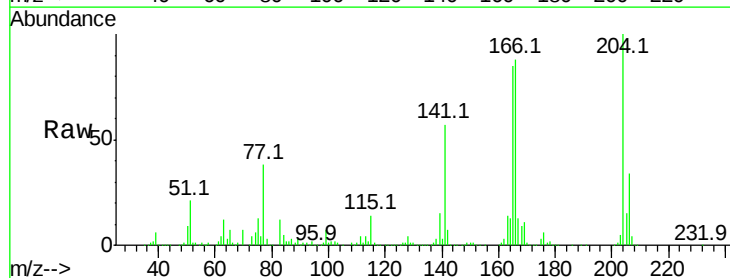
Manual Integrations
APPROVED

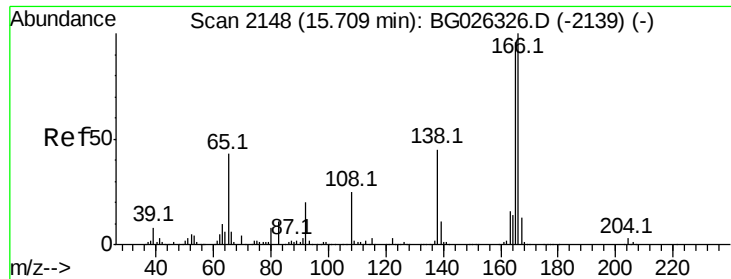
mohammad
3/21/2017 5:21:54 PM



#60
4-Chlorophenyl-phenylether
Concen: 67.20 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion:204 Resp: 681597
Ion Ratio Lower Upper
204 100
206 33.9 30.1 45.1
141 56.5 50.6 76.0





#61

4-Nitroaniline

Concen: 72.83 ng

RT: 15.71 min Scan# 2149

Delta R.T. 0.01 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:138 Resp: 388191

Ion Ratio Lower Upper

138 100

92 45.3 44.2 84.2

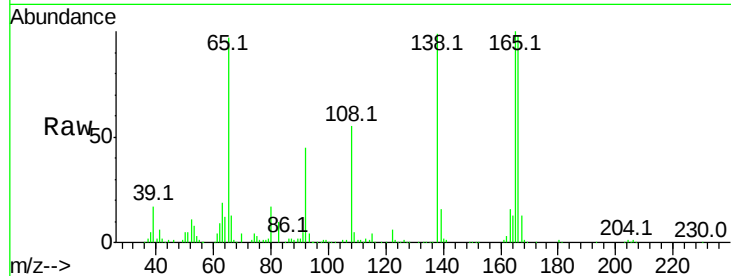
108 55.2 104.8 144.8#

Manual Integrations

APPROVED

mohammad

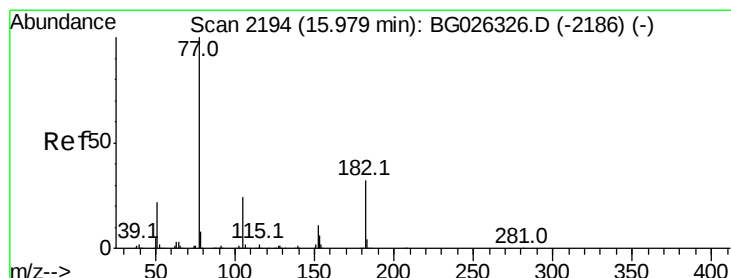
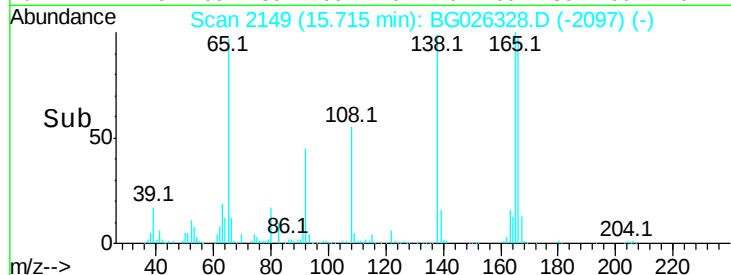
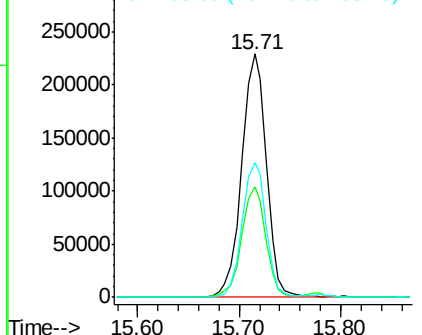
3/21/2017 5:21:54 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 61.39 ng

RT: 15.98 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Tgt Ion: 77 Resp: 1116856

Ion Ratio Lower Upper

77 100

182 30.8 4.7 44.7

105 23.6 0.0 36.3

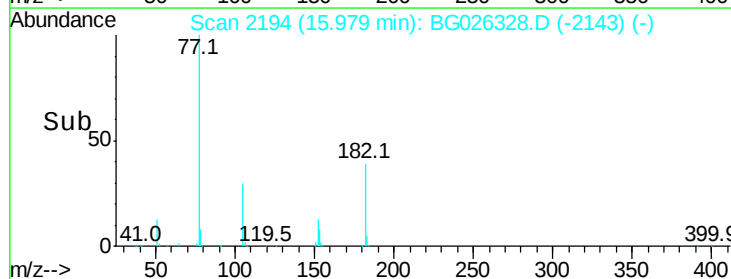
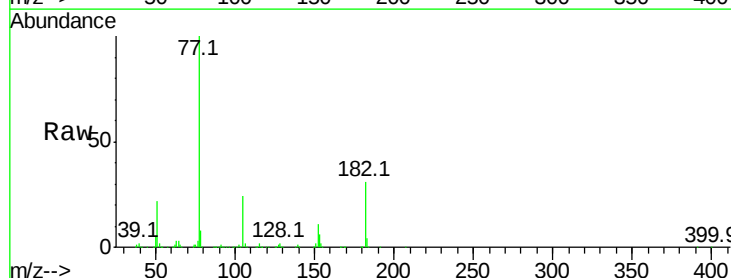
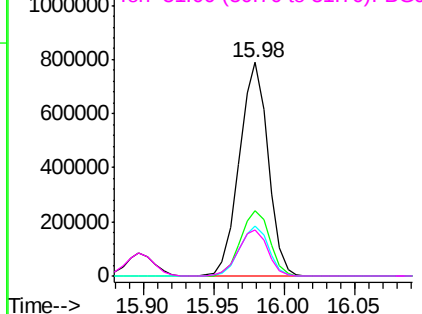
51 21.7 16.4 56.4

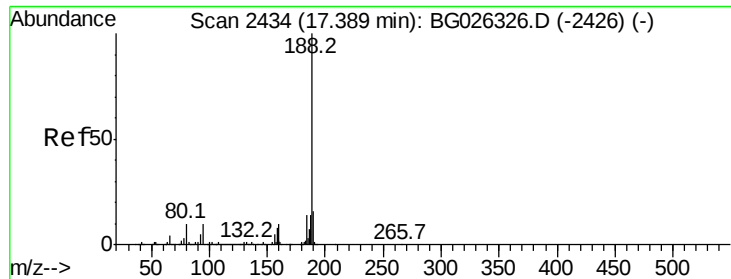
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

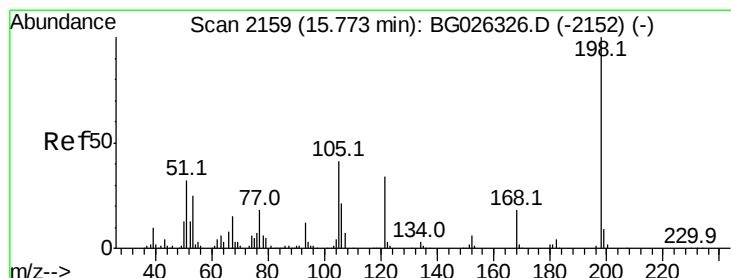
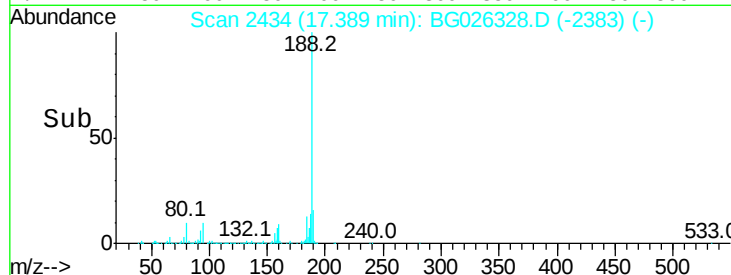
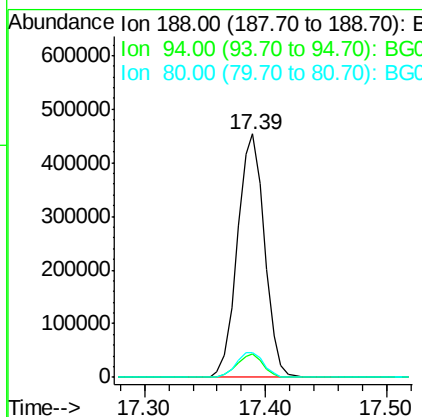
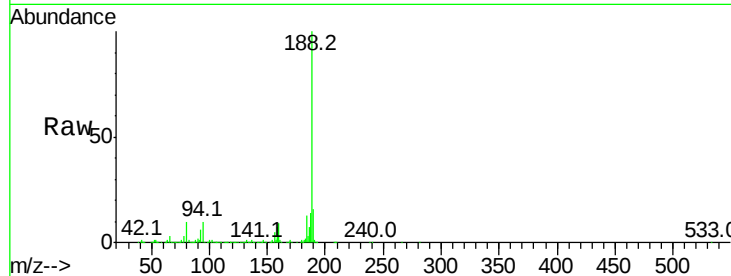
ClientSampleId :

SSTDIC060

Tot Ion:188	Resp:	708139
Ion Ratio	Lower	Upper
188 100		
94 9.8	5.8	8.8#
80 10.0	7.5	11.3

Manual Integrations
APPROVED

mohammad
3/21/2017 5:21:54 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 69.64 ng

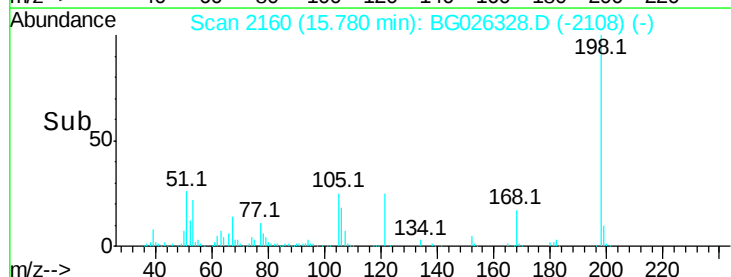
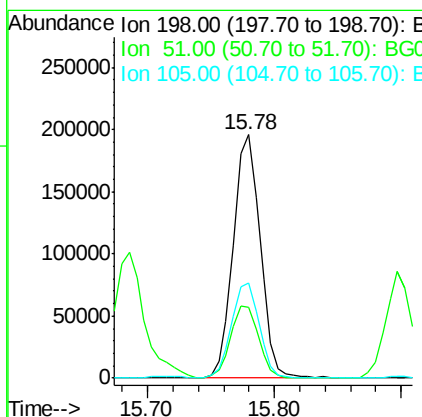
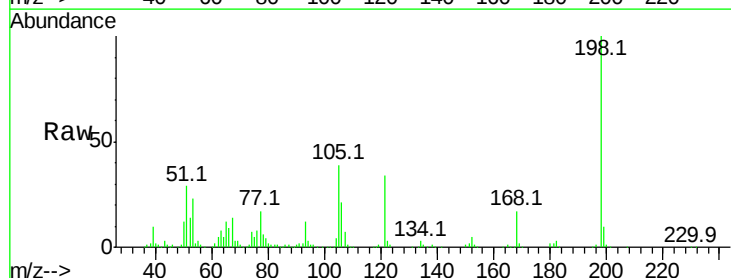
RT: 15.78 min Scan# 2160

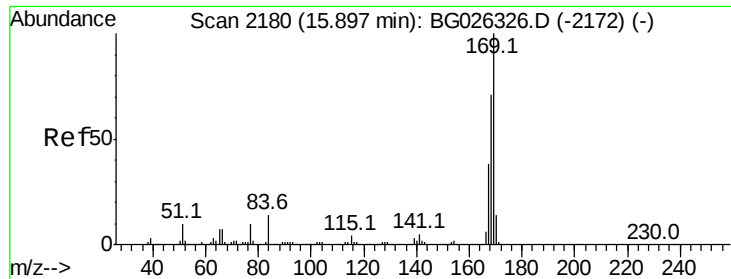
Delta R.T. 0.01 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Tgt Ion:198	Resp:	288586
Ion Ratio	Lower	Upper
198 100		
51 29.1	22.6	62.6
105 38.8	14.4	54.4





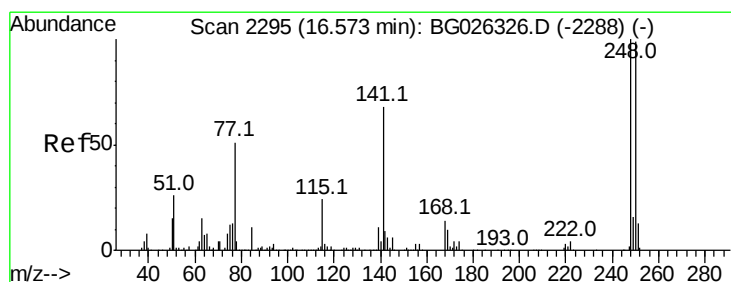
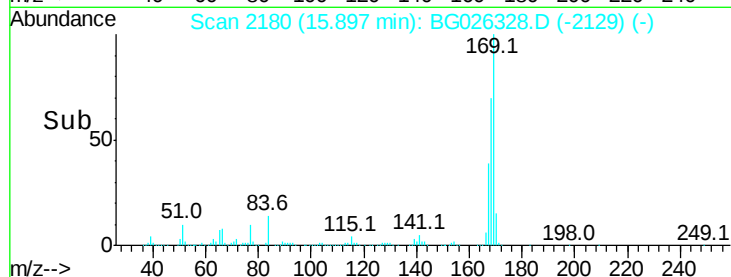
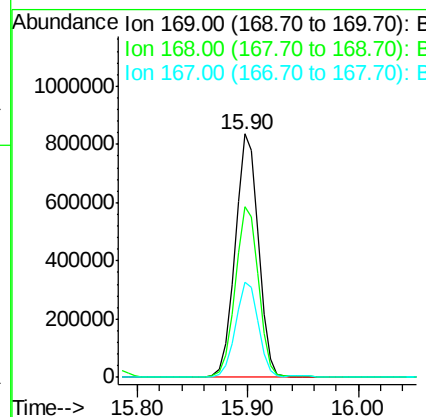
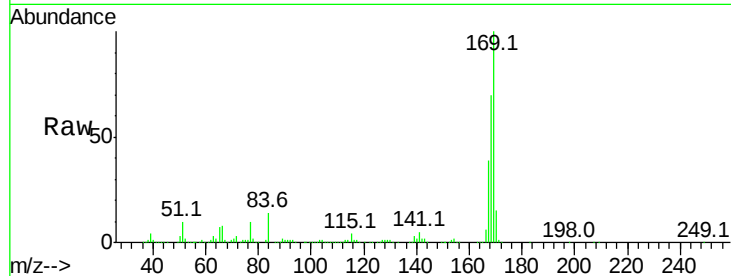
#65
n-Nitrosodiphenylamine
Concen: 57.31 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion:169 Resp: 1230690
Ion Ratio Lower Upper
169 100
168 69.9 55.7 83.5
167 39.0 29.8 44.6

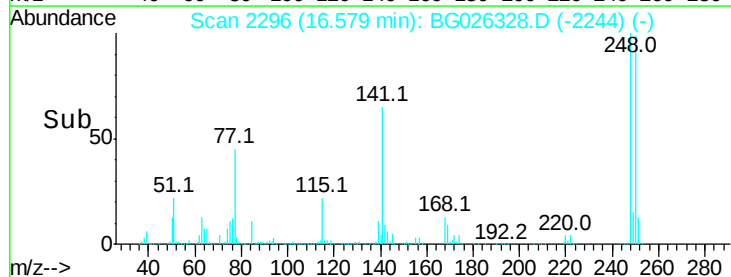
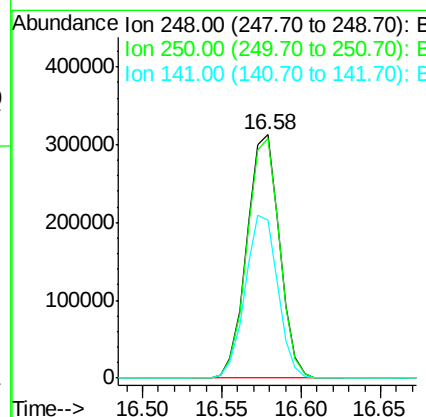
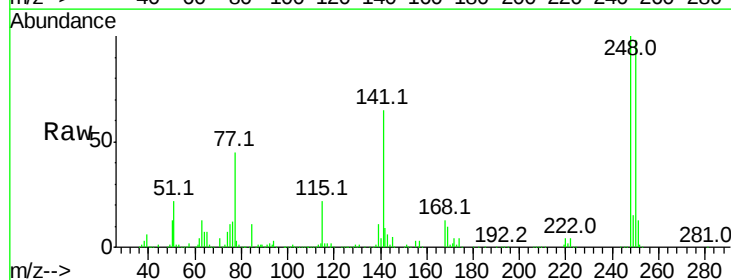
Manual Integrations
APPROVED

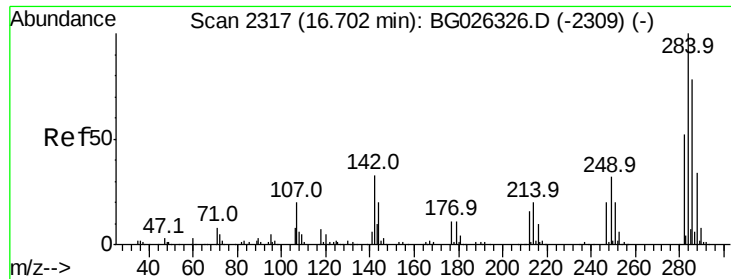
mohammad
3/21/2017 5:21:54 PM



#66
4-Bromophenyl-phenylether
Concen: 60.18 ng
RT: 16.58 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion:248 Resp: 446650
Ion Ratio Lower Upper
248 100
250 98.5 75.0 112.6
141 64.8 55.2 82.8





#67

Hexachlorobenzene

Concen: 60.64 ng

RT: 16.70 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

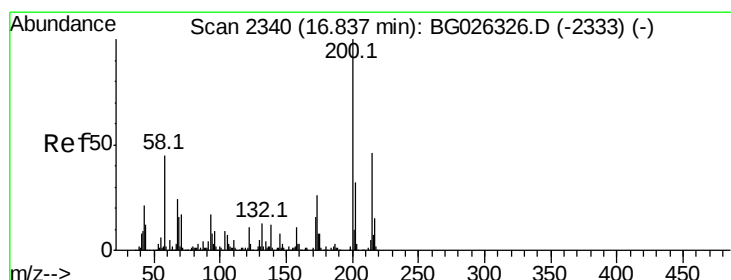
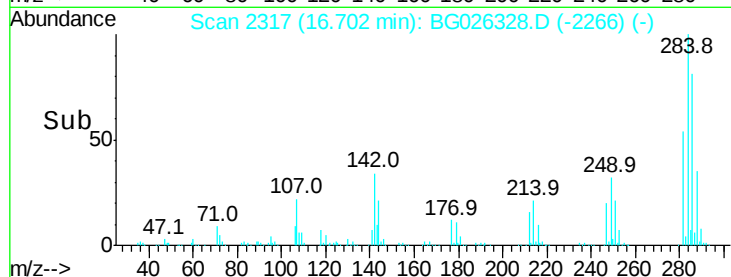
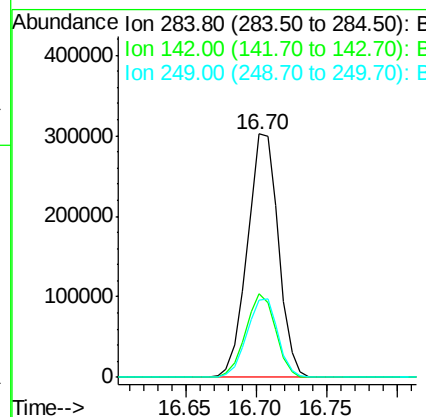
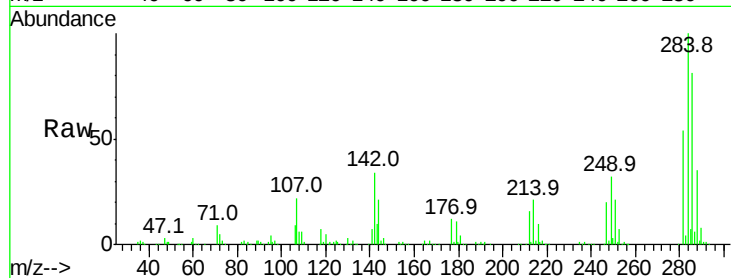
ClientSampleId :

SSTDICC060

Tot Ion:	284	Resp:	463891
Ion Ratio	Lower	Upper	
284	100		
142	34.3	29.9	44.9
249	31.7	29.2	43.8

Manual Integrations
APPROVED

mohammad
3/21/2017 5:21:54 PM



#68

Atrazine

Concen: 62.08 ng

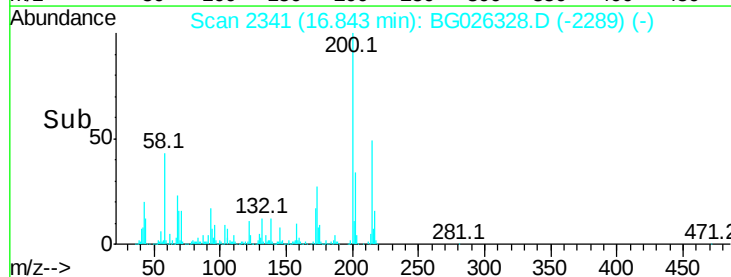
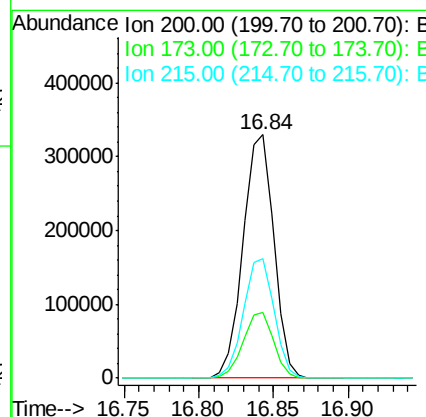
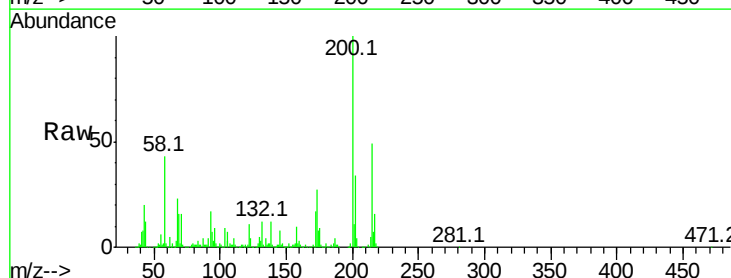
RT: 16.84 min Scan# 2341

Delta R.T. 0.01 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Tgt Ion:	200	Resp:	471828
Ion Ratio	Lower	Upper	
200	100		
173	27.1	3.0	43.0
215	48.9	28.4	68.4





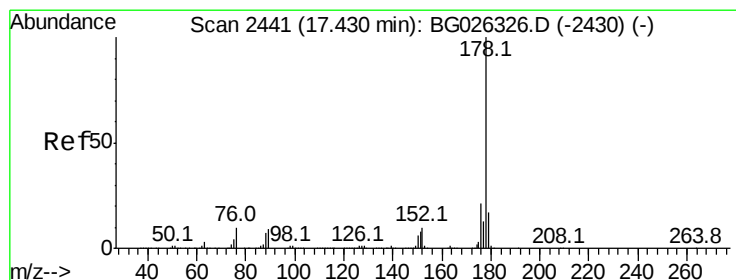
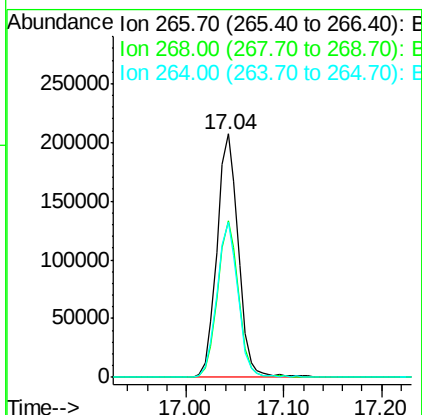
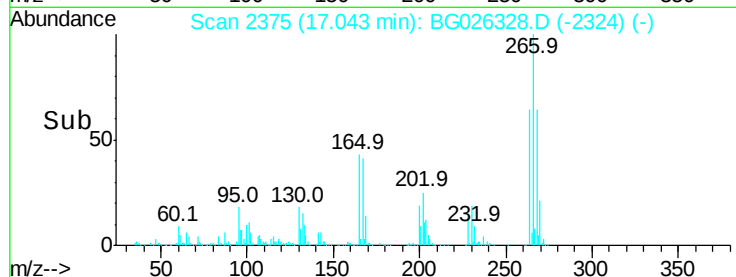
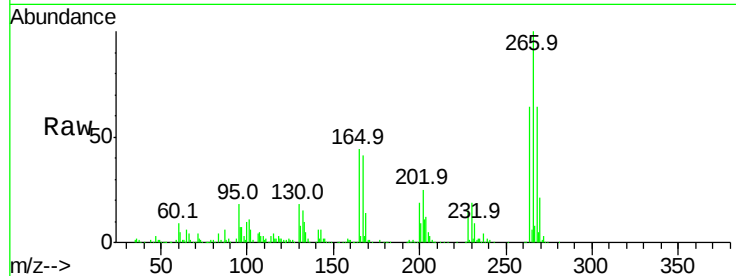
#69
 Pentachlorophenol
 Concen: 66.78 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. 0.00 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
266	100	315121		
268	64.1	48.6	72.8	
264	63.6	50.1	75.1	

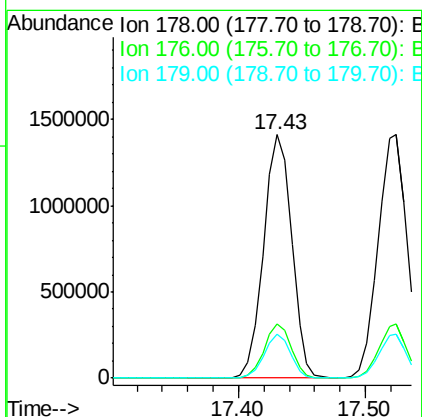
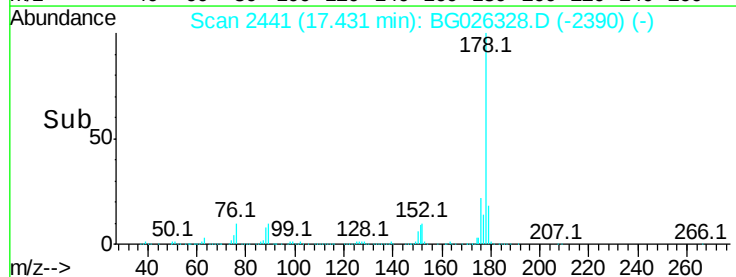
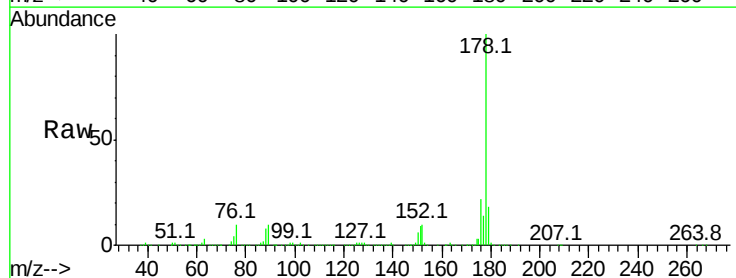
Manual Integrations
 APPROVED

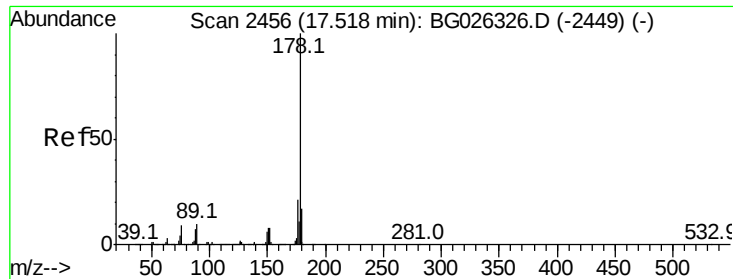
mohammad
 3/21/2017 5:21:54 PM



#70
 Phenanthrene
 Concen: 56.77 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2182158		
176	22.2	17.7	26.5	
179	17.8	15.0	22.6	





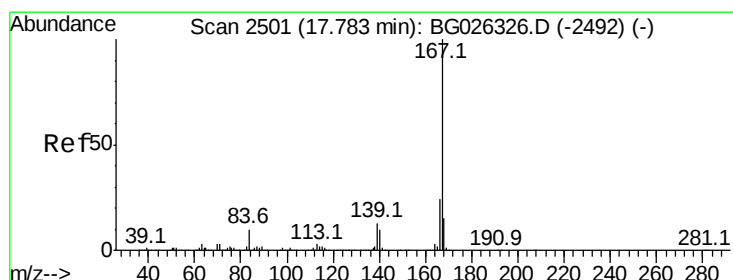
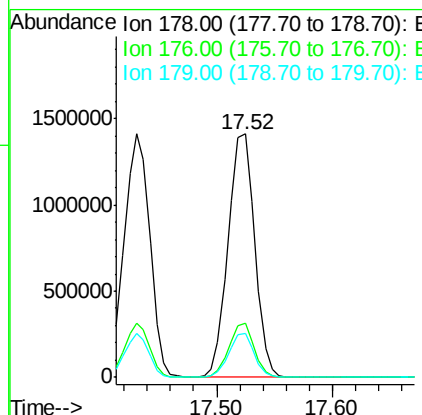
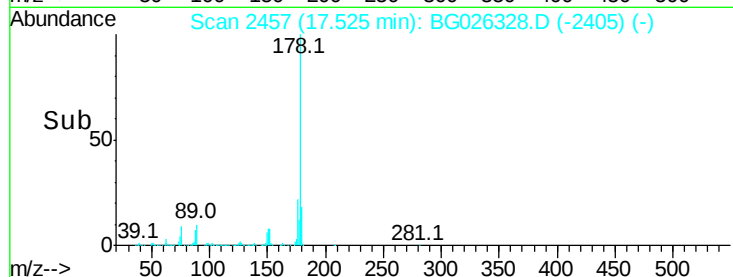
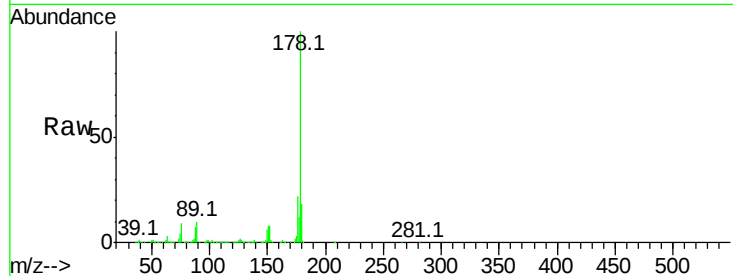
#71
 Anthracene
 Concen: 57.60 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. 0.01 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion:178 Resp: 2257510
 Ion Ratio Lower Upper
 178 100
 176 22.0 16.4 24.6
 179 17.9 13.8 20.8

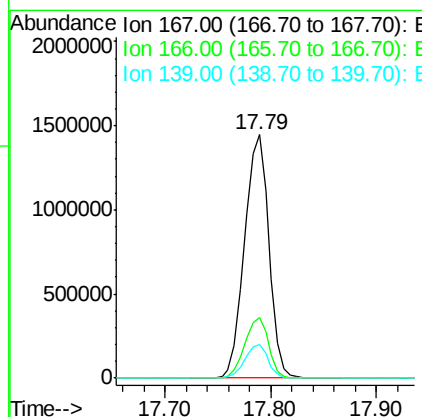
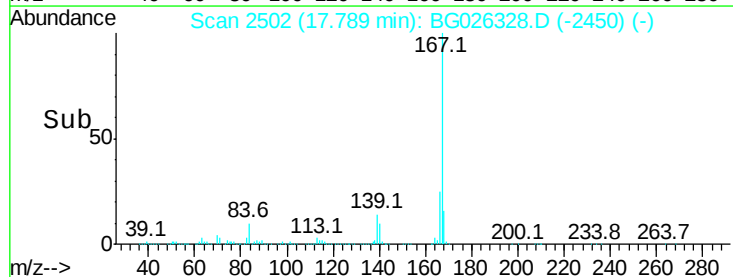
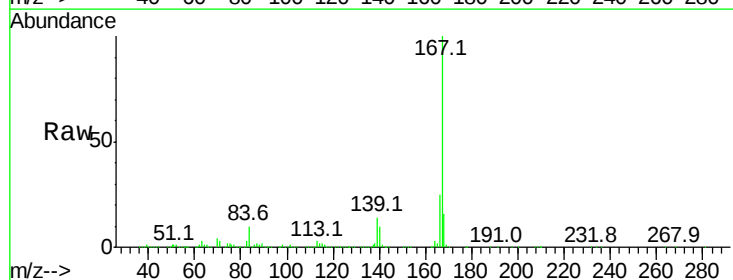
Manual Integrations
 APPROVED

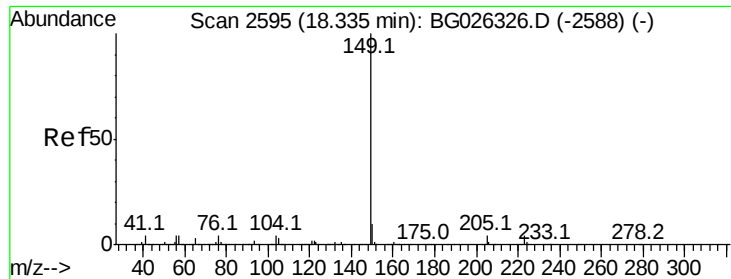
mohammad
 3/21/2017 5:21:54 PM



#72
 Carbazole
 Concen: 58.56 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. 0.01 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Tgt Ion:167 Resp: 2305563
 Ion Ratio Lower Upper
 167 100
 166 25.0 20.2 30.2
 139 13.6 12.8 19.2





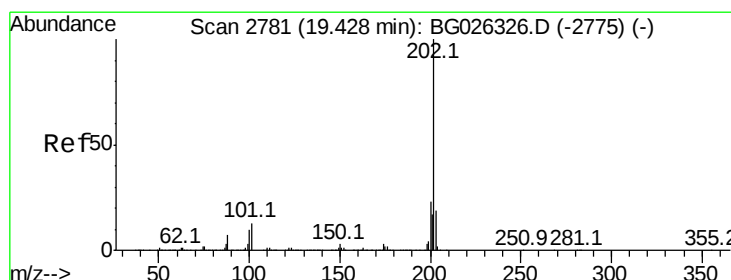
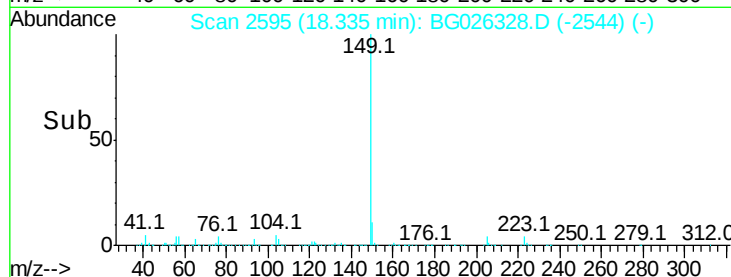
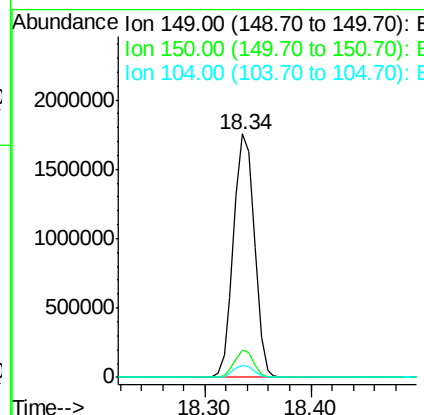
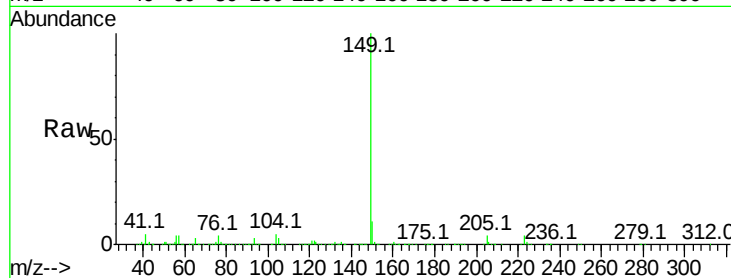
#73
Di-n-butylphthalate
Concen: 61.70 ng
RT: 18.34 min Scan# 2595
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
149	100		
150	11.1	9.1	13.7
104	4.9	6.7	10.1

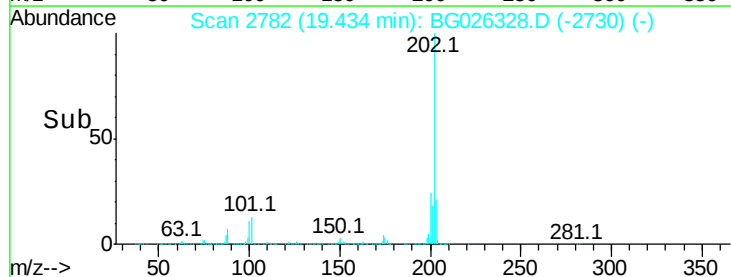
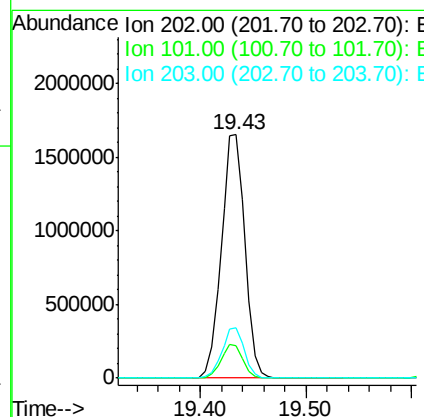
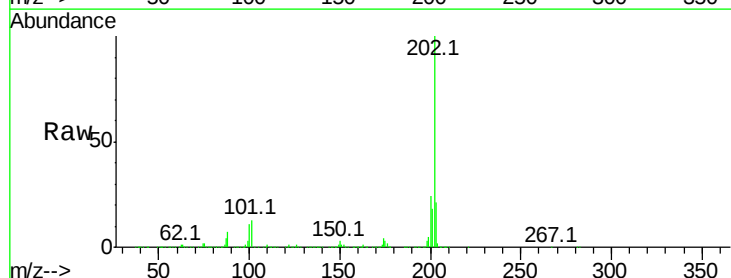
Manual Integrations
APPROVED

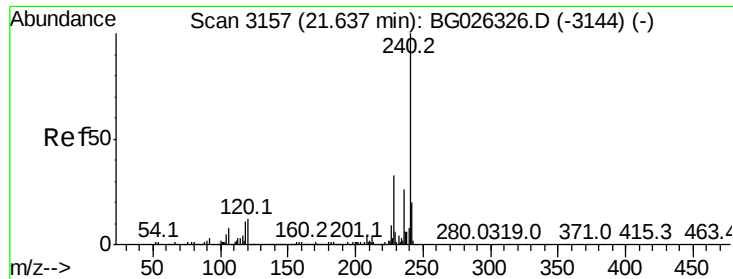
mohammad
3/21/2017 5:21:54 PM



#74
Fluoranthene
Concen: 60.45 ng
RT: 19.43 min Scan# 2782
Delta R.T. 0.01 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	30.1
203	20.7	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

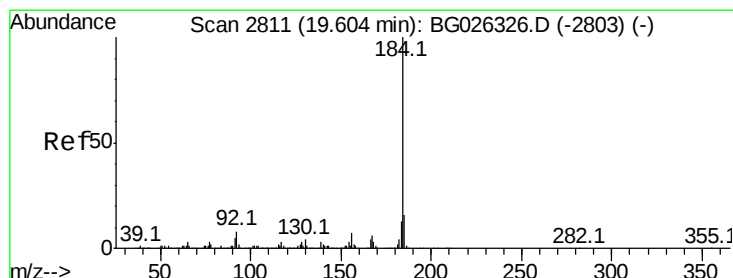
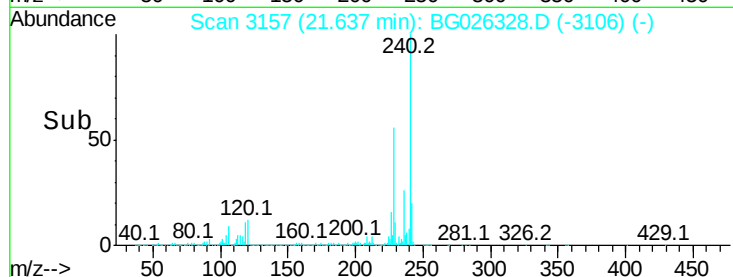
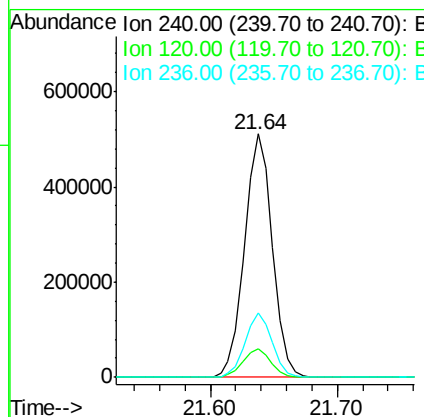
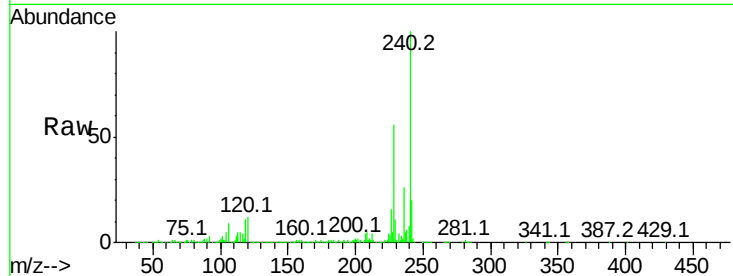
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.7	8.5#
236	26.4	22.2	33.4

Manual Integrations
APPROVED

mohammad
3/21/2017 5:21:54 PM



#76

Benzidine

Concen: 65.56 ng

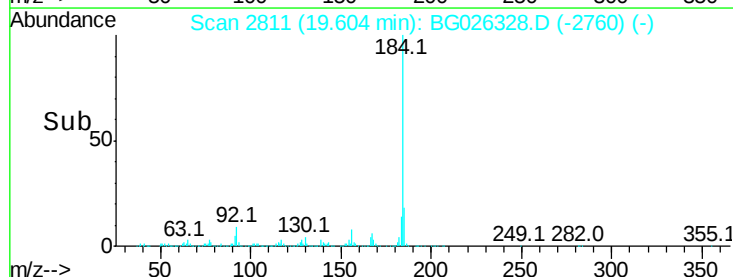
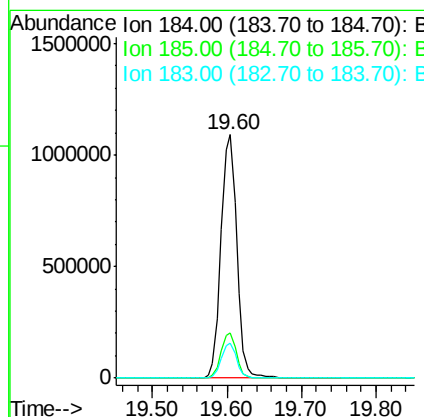
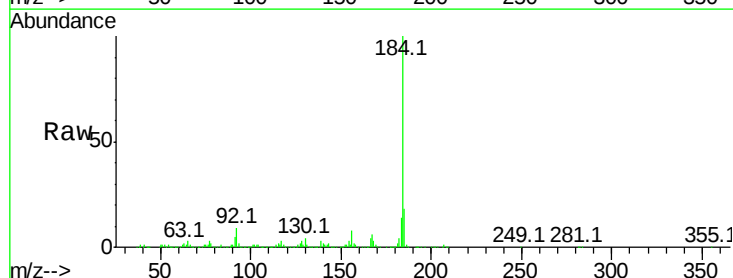
RT: 19.60 min Scan# 2811

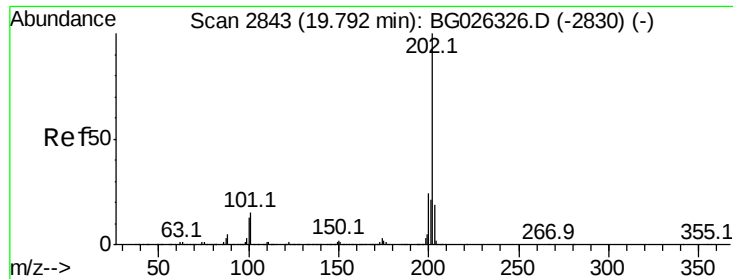
Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.3	13.0	19.6
183	14.2	11.0	16.6





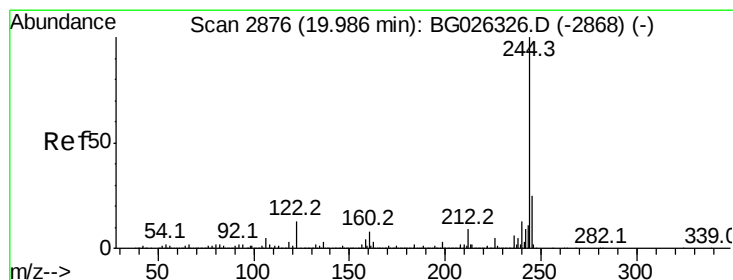
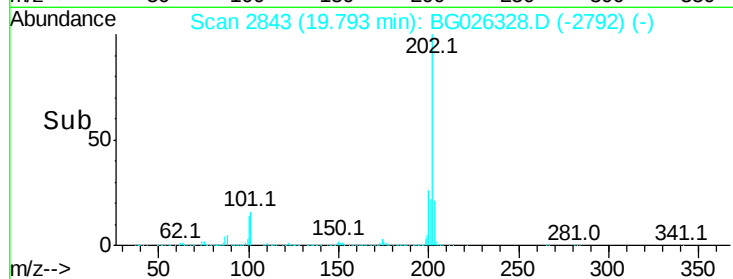
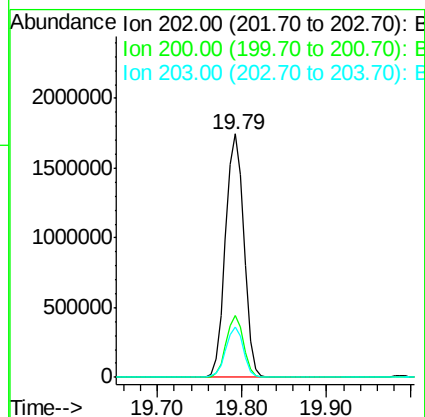
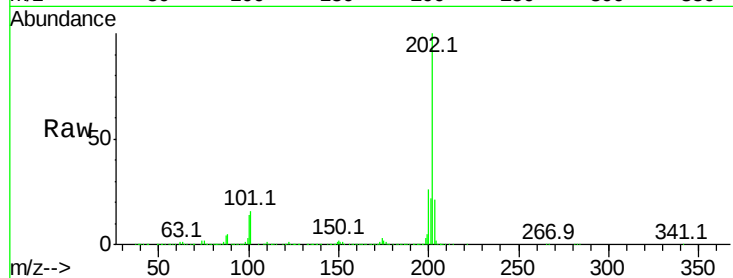
#77
Pvrene
Concen: 53.67 ng
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
200	25.6	19.6	29.4
203	20.9	15.8	23.8

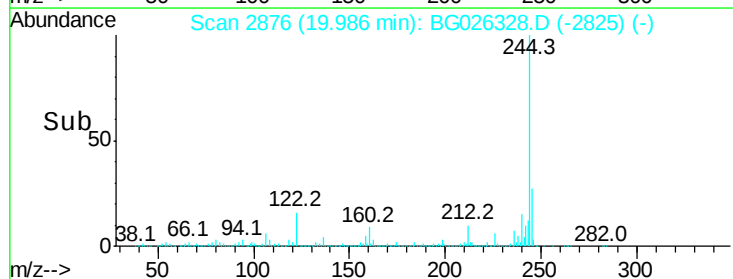
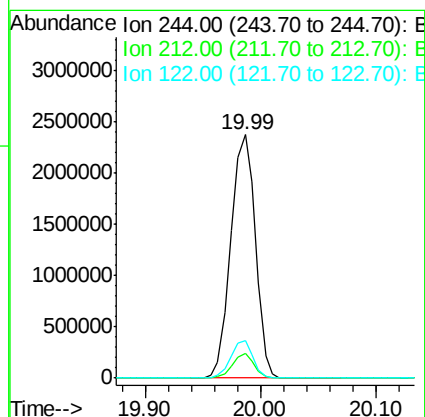
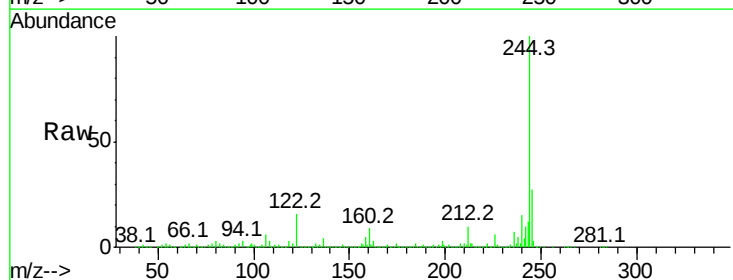
Manual Integrations
APPROVED

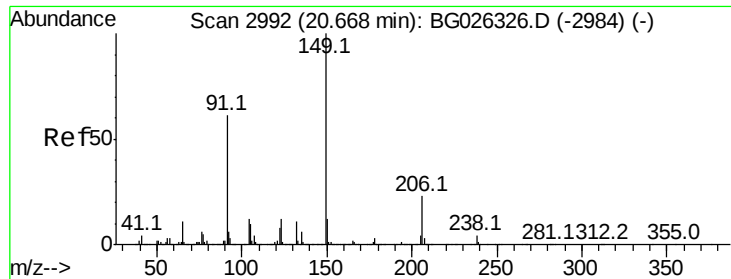
mohammad
3/21/2017 5:21:54 PM



#78
Terphenyl-d14
Concen: 109.50 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.2	10.0	15.0
122	15.5	8.6	12.8





#79

Butylbenzylphthalate

Concen: 58.36 ng

RT: 20.67 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1087815

Ion Ratio Lower Upper

149 100

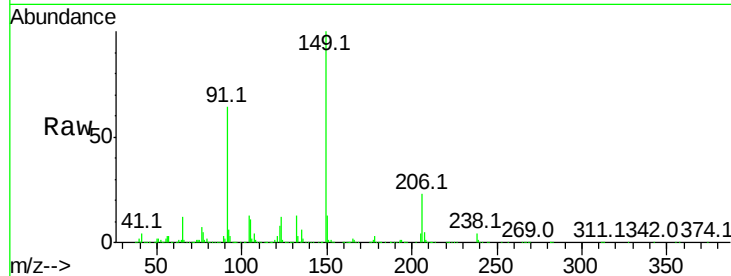
91 64.2 63.5 95.3

206 23.1 21.0 31.6

Manual Integrations
APPROVED

mohammad

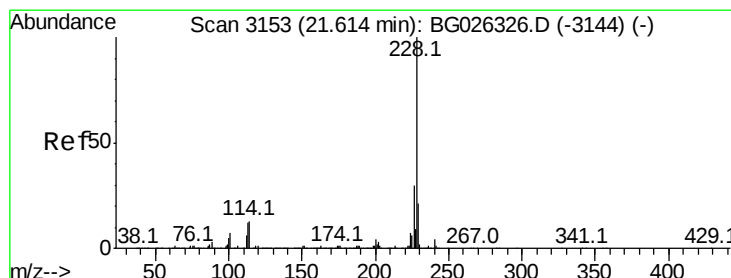
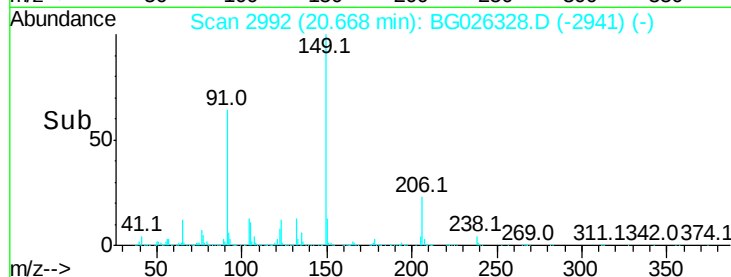
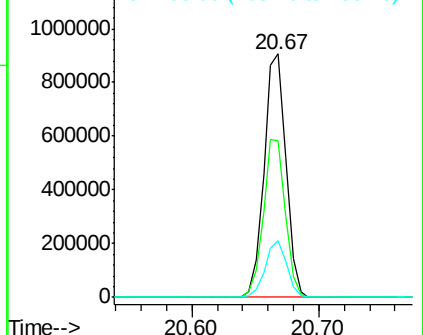
3/21/2017 5:21:54 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 55.76 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.01 min

Lab File: BG026328.D

Acq: 20 Mar 2017 15:50

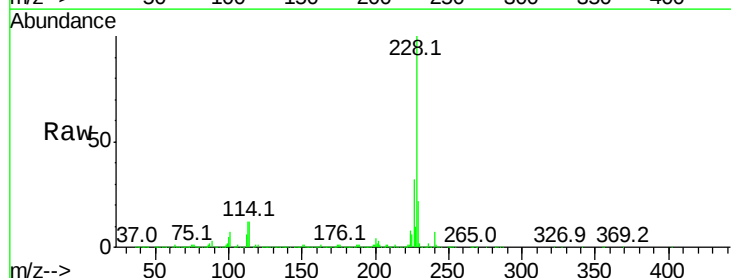
Tgt Ion:228 Resp: 2528519

Ion Ratio Lower Upper

228 100

226 31.7 24.9 37.3

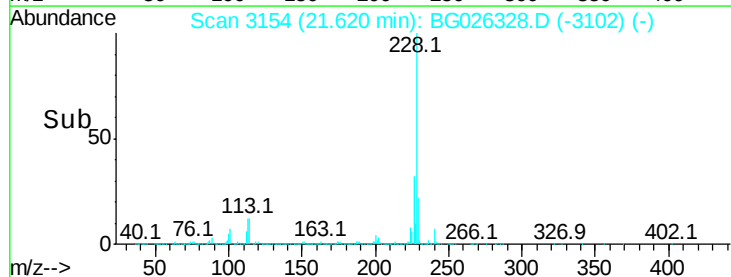
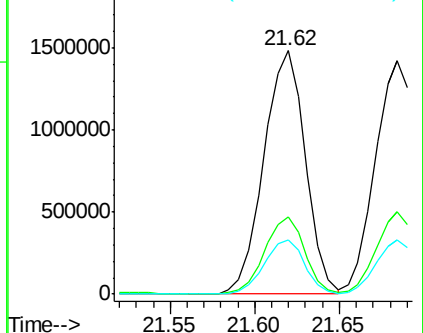
229 22.4 18.2 27.2

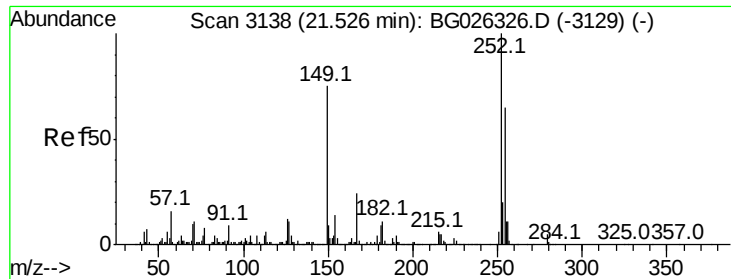


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





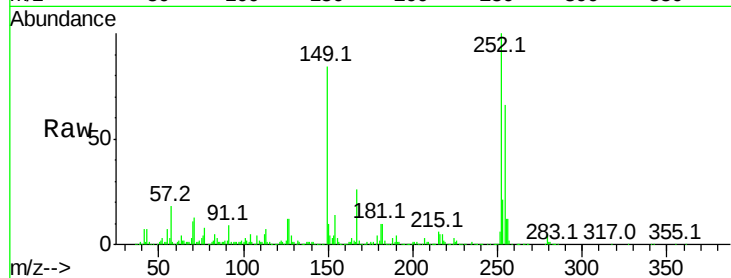
#81
 3,3'-Dichlorobenzidine
 Concen: 64.64 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

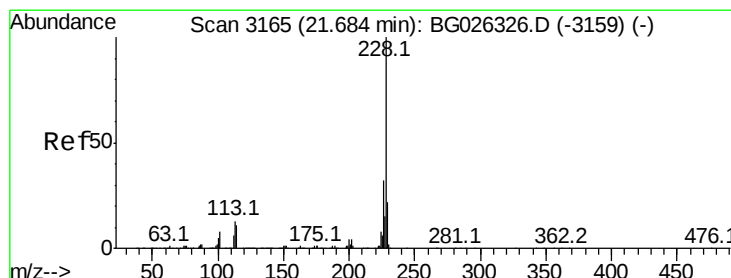
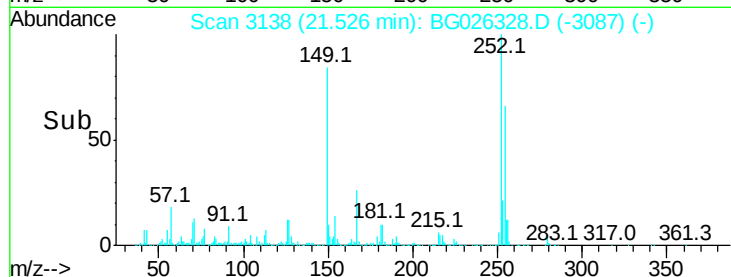
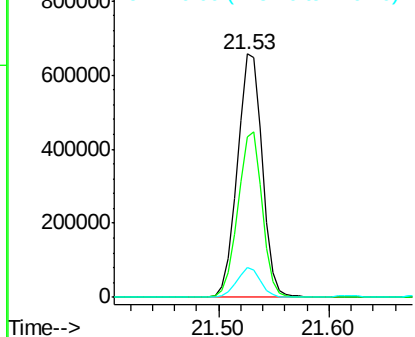
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	53.1	79.7
126	12.1	7.0	10.4

Manual Integrations
 APPROVED

mohammad
 3/21/2017 5:21:54 PM

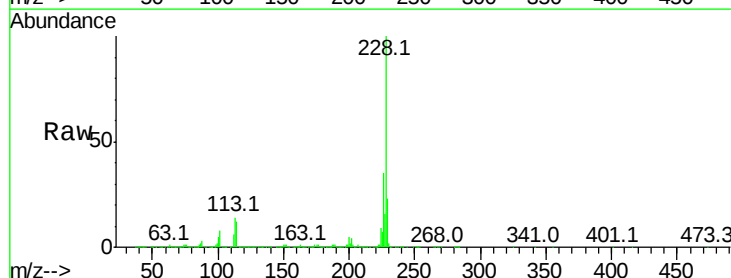


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

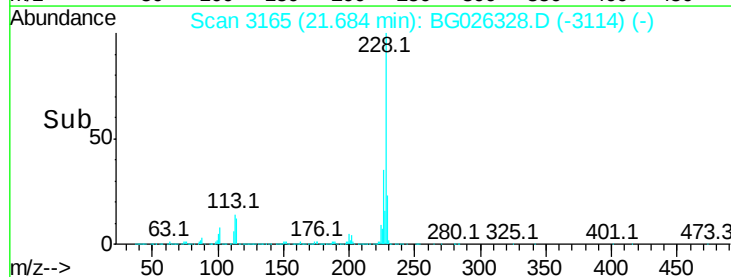
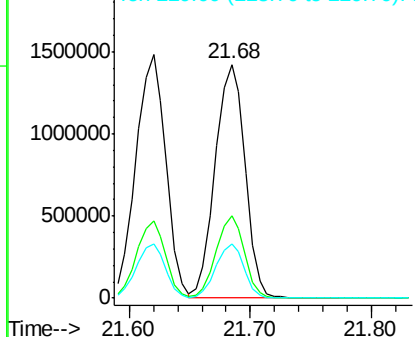


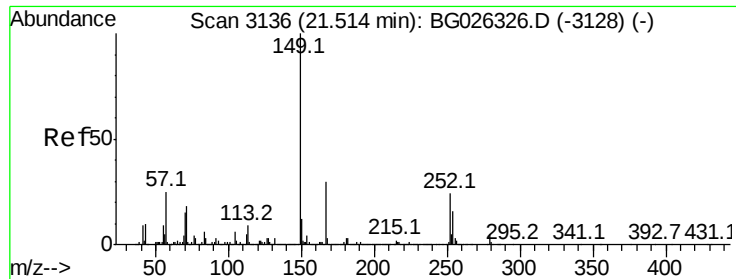
#82
 Chrysene
 Concen: 55.47 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. 0.00 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.0	27.0	40.4
229	22.9	17.8	26.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





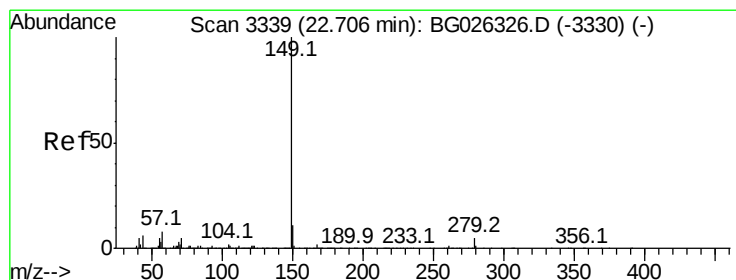
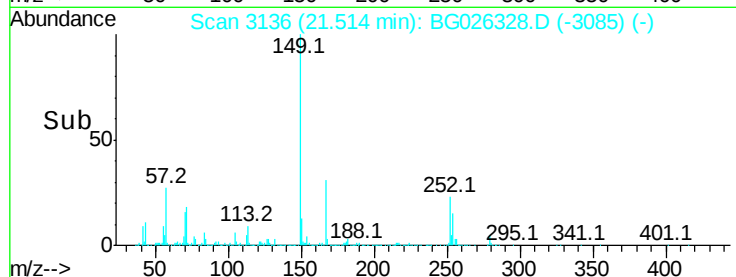
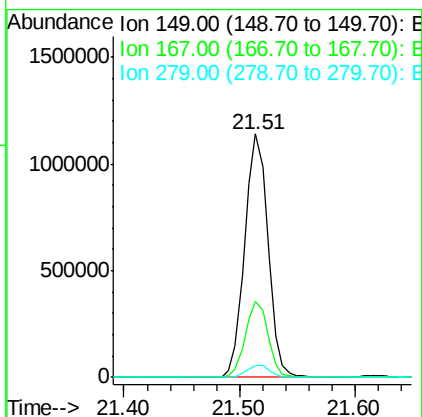
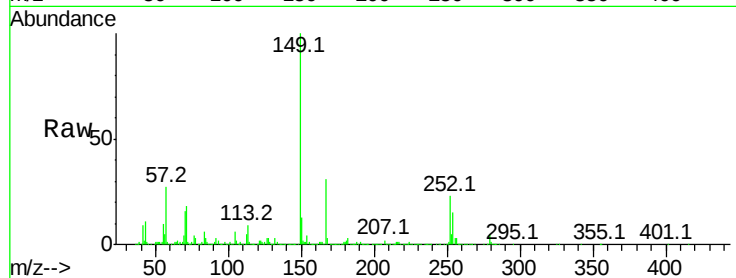
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.48 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. 0.00 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion:149 Resp: 1600936
 Ion Ratio Lower Upper
 149 100
 167 31.0 23.7 35.5
 279 5.1 4.6 6.8

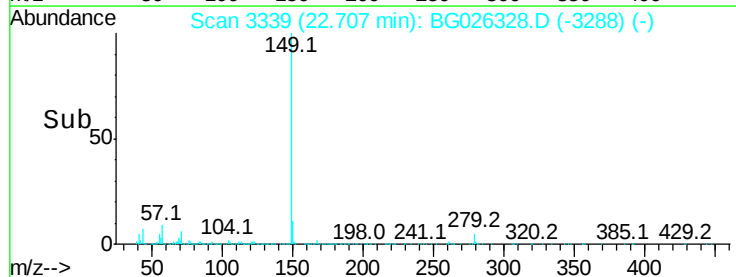
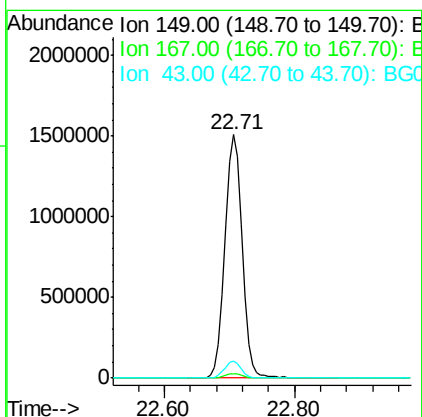
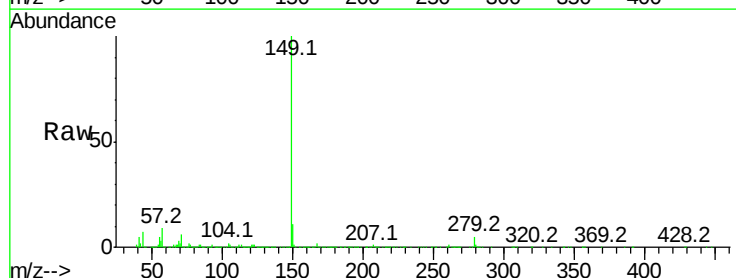
Manual Integrations
 APPROVED

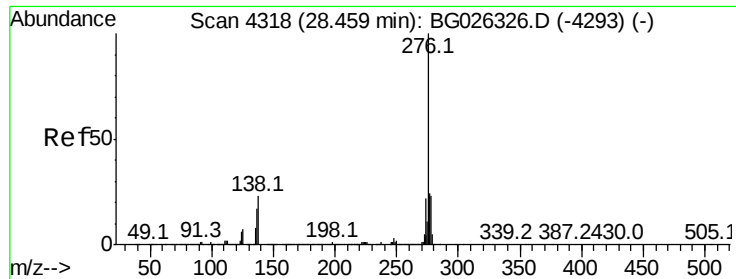
mohammad
 3/21/2017 5:21:54 PM



#84
 Di-n-octyl phthalate
 Concen: 62.51 ng
 RT: 22.71 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Tgt Ion:149 Resp: 2778653
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 6.6 11.8 17.6#





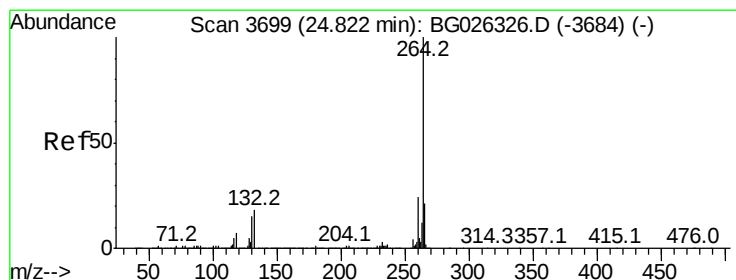
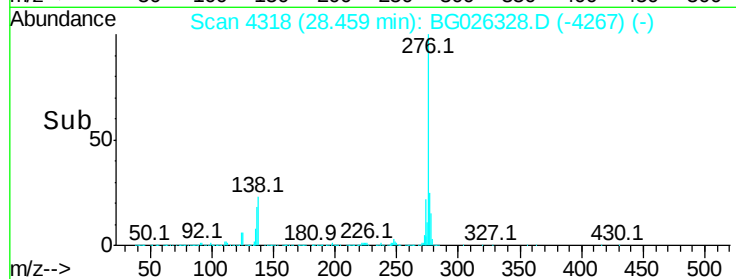
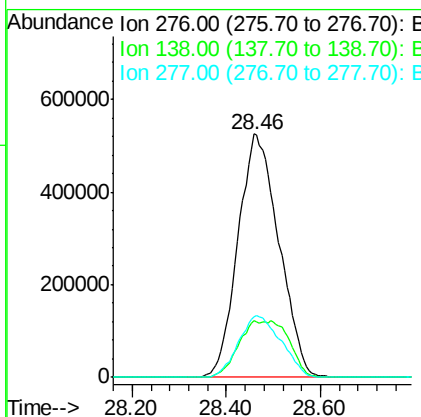
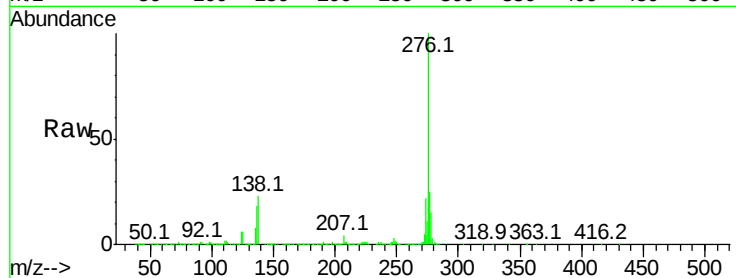
#85
Indeno(1,2,3-cd)pyrene
Concen: 61.71 ng
RT: 28.46 min Scan# 4318
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion:276 Resp: 3169343
Ion Ratio Lower Upper
276 100
138 12.4 4.7 7.1#
277 26.4 20.6 31.0

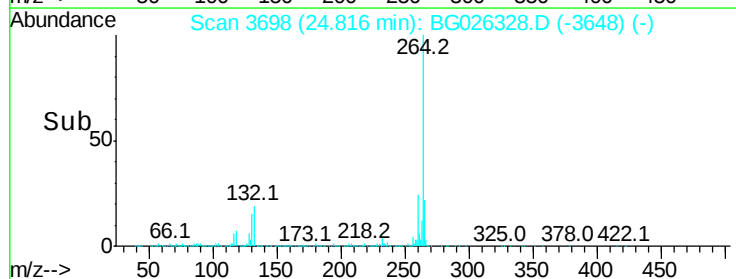
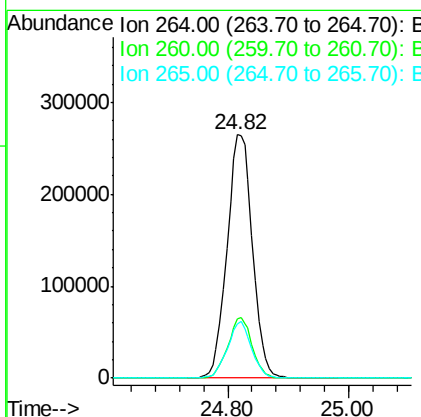
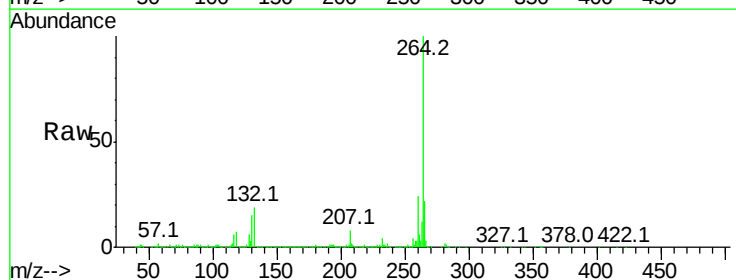
Manual Integrations
APPROVED

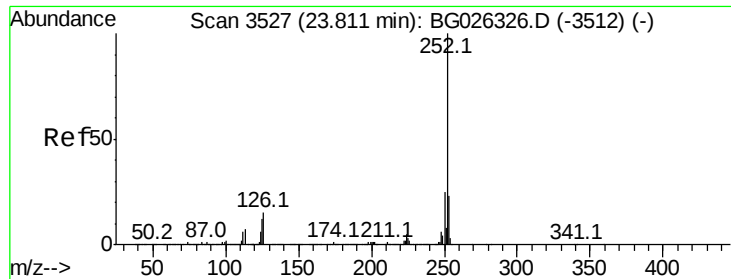
mohammad
3/21/2017 5:21:54 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion:264 Resp: 773083
Ion Ratio Lower Upper
264 100
260 24.1 21.8 32.8
265 22.5 18.2 27.4





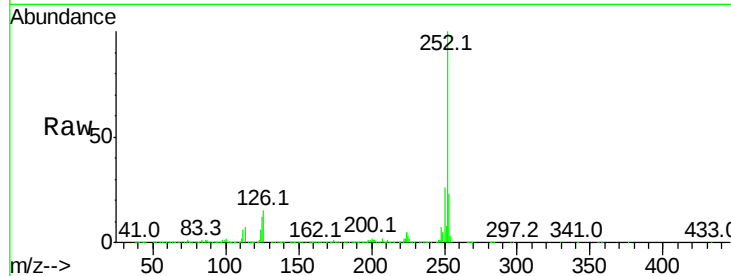
#87
Benzo(b)fluoranthene
Concen: 58.29 ng
RT: 23.82 min Scan# 3528
Delta R.T. 0.01 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

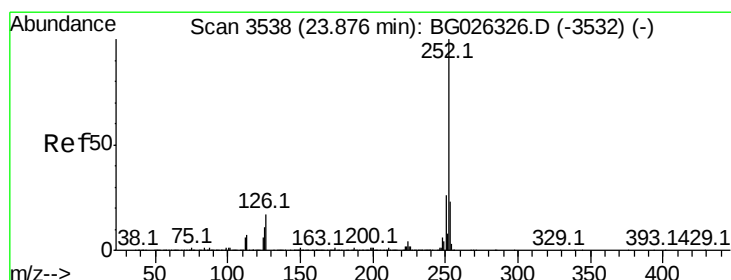
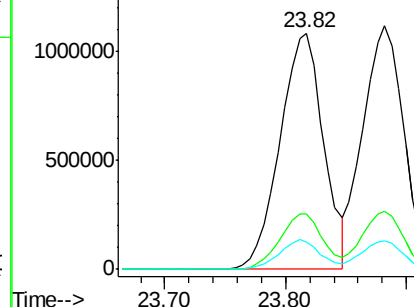
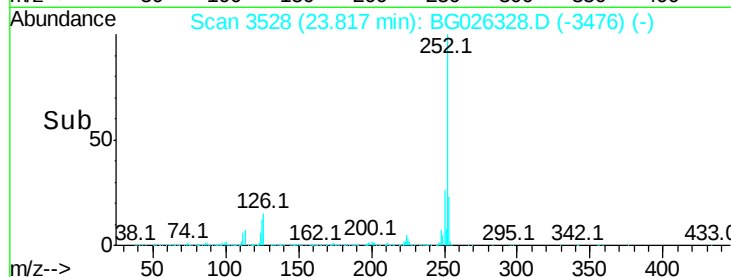
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	11.7	5.3	7.9

Manual Integrations
APPROVED

mohammad
3/21/2017 5:21:54 PM

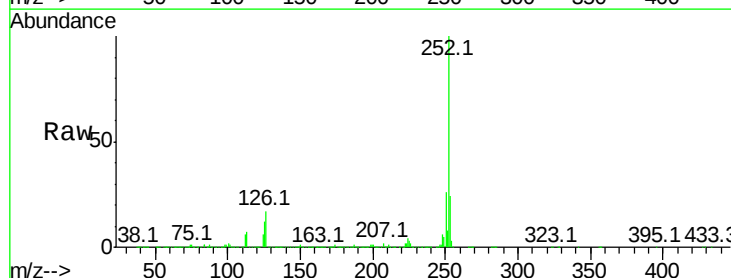


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

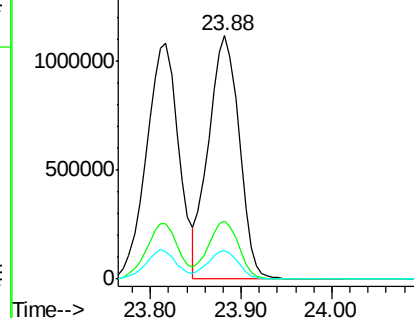
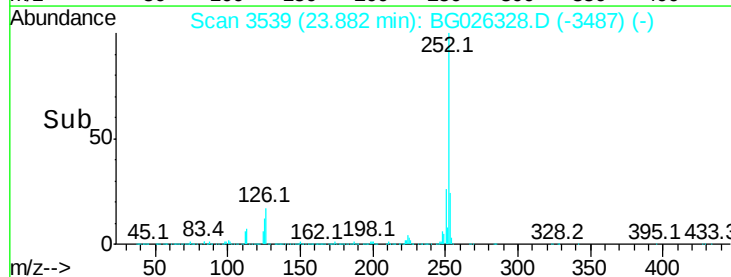


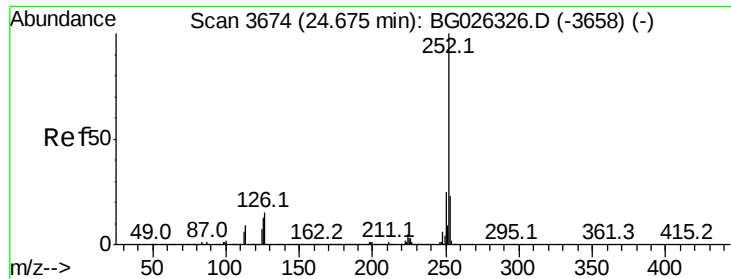
#88
Benzo(k)fluoranthene
Concen: 58.20 ng
RT: 23.88 min Scan# 3539
Delta R.T. 0.01 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.2	30.2
125	12.0	5.1	7.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





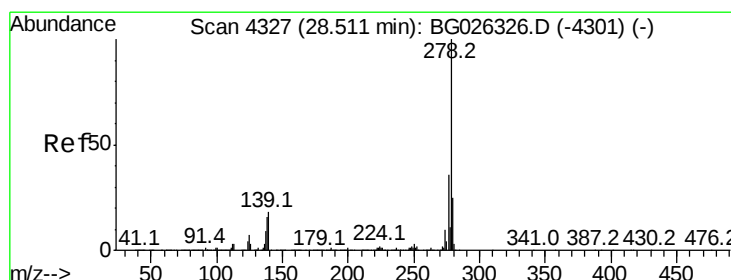
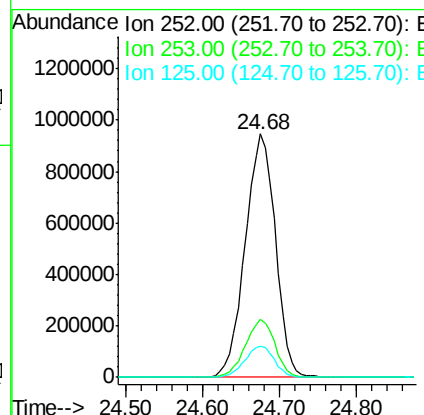
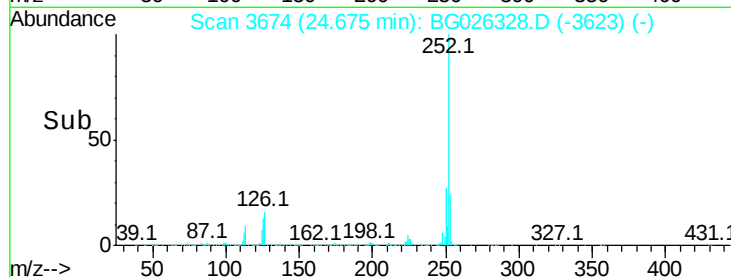
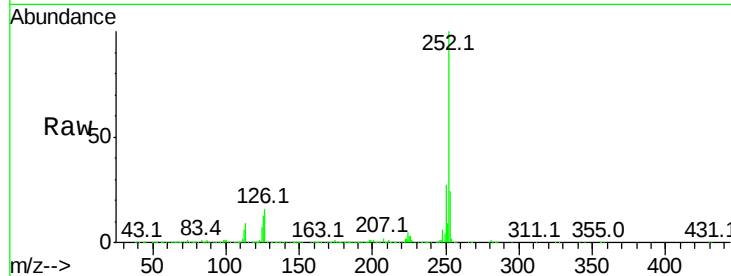
#89
Benzo(a)pyrene
Concen: 59.25 ng
RT: 24.68 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion:252 Resp: 2597863
Ion Ratio Lower Upper
252 100
253 23.6 19.2 28.8
125 13.0 5.4 8.0#

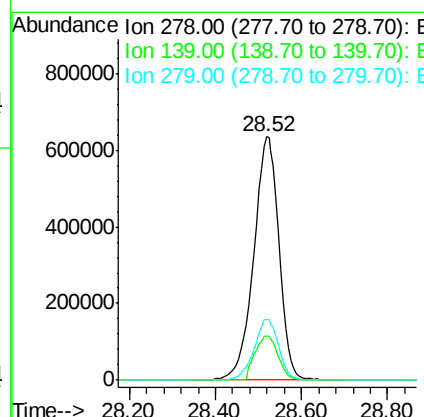
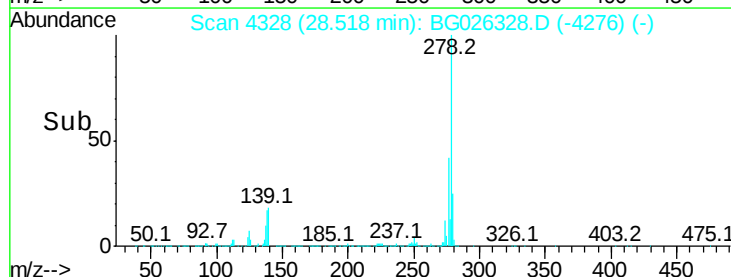
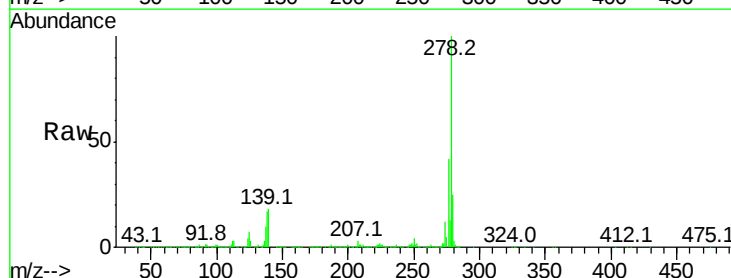
Manual Integrations
APPROVED

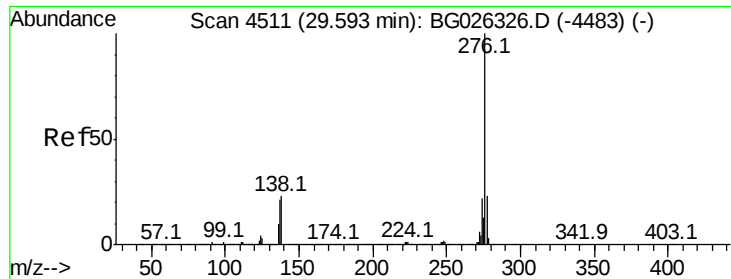
mohammad
3/21/2017 5:21:54 PM



#90
Dibenzo(a,h)anthracene
Concen: 60.38 ng
RT: 28.52 min Scan# 4328
Delta R.T. 0.01 min
Lab File: BG026328.D
Acq: 20 Mar 2017 15:50

Tgt Ion:278 Resp: 2659378
Ion Ratio Lower Upper
278 100
139 18.3 7.7 11.5#
279 25.0 19.1 28.7





#91
 Benzo(a,h,i)perylene
 Concen: 60.66 ng
 RT: 29.60 min Scan# 4513
 Delta R.T. 0.01 min
 Lab File: BG026328.D
 Acq: 20 Mar 2017 15:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	27.8
138	24.2	8.1	12.1

Manual Integrations
 APPROVED

mohammad
 3/21/2017 5:21:54 PM

