

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024109.D
 Acq On : 24 Sep 2016 5:00
 Operator : UM/SJ
 Sample : PB93571BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB93571BS

Manual Integrations
 APPROVED

sohil
 9/26/2016 6:41:05 PM

Quant Time: Sep 24 05:37:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	36669	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	180563	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	163851	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	381835	20.00	ng	0.00
75) Chrysene-d12	21.79	240	404909	20.00	ng	0.00
86) Perylene-d12	25.12	264	399007	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	297122	140.38	ng	0.00
7) Phenol-d6	7.21	99	474962	133.36	ng	0.00
23) Nitrobenzene-d5	9.22	82	338892	73.97	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	265461	112.71	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	716538	73.51	ng	0.00
78) Terphenyl-d14	20.09	244	1311293	66.31	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	28915	35.69	ng	92
3) Pyridine	3.84	79	94204	32.90	ng	97
4) n-Nitrosodimethylamine	3.76	42	52851	36.42	ng	# 92
6) Aniline	7.36	93	86620	17.32	ng	97
8) 2-Chlorophenol	7.60	128	104190	41.12	ng	97
9) Benzaldehyde	7.19	77	17291	8.92	ng	# 75
10) Phenol	7.23	94	161253	43.07	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	108954	36.90	ng	90
12) 1,3-Dichlorobenzene	7.93	146	107006	37.87	ng	97
13) 1,4-Dichlorobenzene	8.07	146	107894	37.42	ng	96
14) 1,2-Dichlorobenzene	8.40	146	105744	37.68	ng	89
15) Benzyl Alcohol	8.29	79	130299	37.80	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	145850	35.78	ng	95
17) 2-Methylphenol	8.50	107	108344	43.53	ng	97
18) Hexachloroethane	9.12	117	44150	36.34	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	122697	35.08	ng	98
20) 3+4-Methylphenols	8.84	107	153630	42.50	ng	94
22) Acetophenone	8.88	105	170919	32.81	ng	# 95
24) Nitrobenzene	9.26	77	176361	35.91	ng	97
25) Isophorone	9.78	82	332976	35.63	ng	# 95
26) 2-Nitrophenol	9.98	139	63026	36.18	ng	91
27) 2,4-Dimethylphenol	10.04	122	111372	38.24	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	171445	37.73	ng	99
29) 2,4-Dichlorophenol	10.53	162	130064	42.90	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	120400	37.11	ng	97
31) Naphthalene	10.92	128	350911	38.36	ng	99
32) Benzoic acid	10.21	122	52295	25.43	ng	# 90
33) 4-Chloroaniline	11.06	127	46353	11.35	ng	94
34) Hexachlorobutadiene	11.19	225	89296	34.96	ng	99
35) Caprolactam	11.83	113	48752m	39.54	ng	
36) 4-Chloro-3-methylphenol	12.18	107	171865	40.29	ng	97
37) 2-Methylnaphthalene	12.53	142	274216	39.15	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	144369	30.18	ng	99
40) Hexachlorocyclopentadiene	12.87	237	133531	63.09	ng	96

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024109.D
 Acq On : 24 Sep 2016 5:00
 Operator : UM/SJ
 Sample : PB93571BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB93571BS

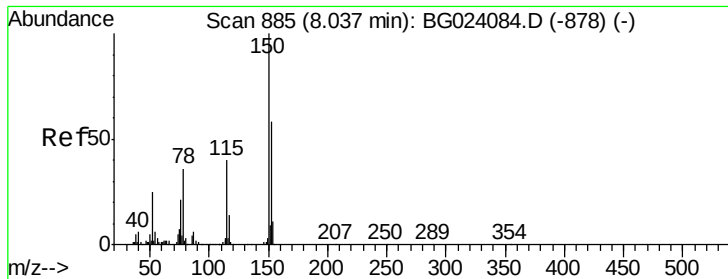
Manual Integrations
 APPROVED

sohil
 9/26/2016 6:41:05 PM

Quant Time: Sep 24 05:37:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	118138	38.19	ng	97
43) 2,4,5-Trichlorophenol	13.24	196	124965	39.26	ng #	92
45) 1,1'-Biphenyl	13.54	154	358521	32.00	ng	99
46) 2-Chloronaphthalene	13.59	162	313742	37.50	ng	97
47) 2-Nitroaniline	13.81	65	153572	39.45	ng	95
48) Acenaphthylene	14.44	152	530949	37.38	ng	99
49) Dimethylphthalate	14.17	163	484206	38.52	ng	98
50) 2,6-Dinitrotoluene	14.30	165	103292	39.12	ng	96
51) Acenaphthene	14.78	154	331640	38.50	ng	97
52) 3-Nitroaniline	14.65	138	44924	17.04	ng #	94
53) 2,4-Dinitrophenol	14.86	184	123893	67.54	ng	93
54) Dibenzofuran	15.12	168	551097	41.09	ng	99
55) 4-Nitrophenol	14.98	139	137224	66.50	ng #	83
56) 2,4-Dinitrotoluene	15.10	165	156232	38.88	ng #	84
57) Fluorene	15.77	166	457605	39.20	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.35	232	136343	44.35	ng	93
59) Diethylphthalate	15.53	149	525531	38.82	ng	98
60) 4-Chlorophenyl-phenylether	15.76	204	243136	38.88	ng	98
61) 4-Nitroaniline	15.82	138	92223	33.76	ng	94
62) Azobenzene	16.05	77	597062	43.41	ng	92
64) 4,6-Dinitro-2-methylphenol	15.87	198	91927	34.67	ng	93
65) n-Nitrosodiphenylamine	15.97	169	425155	40.70	ng	95
66) 4-Bromophenyl-phenylether	16.66	248	172874	39.03	ng	98
67) Hexachlorobenzene	16.79	284	186160	37.30	ng	97
68) Atrazine	16.93	200	177190	38.43	ng	96
69) Pentachlorophenol	17.14	266	162078	63.44	ng	97
70) Phenanthrene	17.53	178	807088	41.50	ng	98
71) Anthracene	17.62	178	830253	41.56	ng	95
72) Carbazole	17.90	167	727776	39.13	ng	96
73) Di-n-butylphthalate	18.43	149	910914	37.42	ng	96
74) Fluoranthene	19.54	202	972772	38.31	ng	94
76) Benzidine	19.73	184	111779	9.75	ng	97
77) Pyrene	19.90	202	958518	33.90	ng	94
79) Butylbenzylphthalate	20.77	149	391673	37.62	ng	98
80) Benzo(a)anthracene	21.77	228	918324	39.84	ng	94
81) 3,3'-Dichlorobenzidine	21.68	252	167262	20.25	ng #	99
82) Chrysene	21.84	228	854028	39.42	ng	99
83) Bis(2-ethylhexyl)phthalate	21.64	149	560223	45.04	ng #	93
84) Di-n-octyl phthalate	22.88	149	954526	44.47	ng	99
85) Indeno(1,2,3-cd)pyrene	28.95	276	1045020	43.25	ng #	100
87) Benzo(b)fluoranthene	24.06	252	933042	40.19	ng #	96
88) Benzo(k)fluoranthene	24.13	252	885287	38.40	ng #	99
89) Benzo(a)pyrene	24.97	252	895443	39.90	ng #	95
90) Dibenzo(a,h)anthracene	28.99	278	860898	38.42	ng #	96
91) Benzo(g,h,i)perylene	30.14	276	864749	38.30	ng #	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

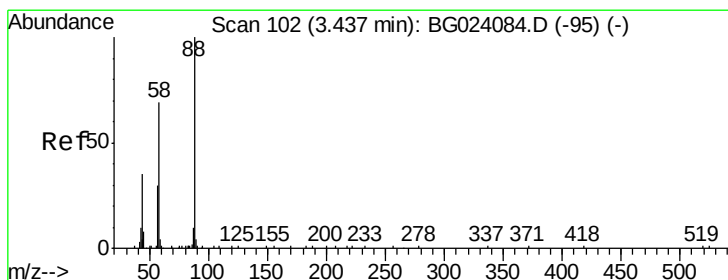
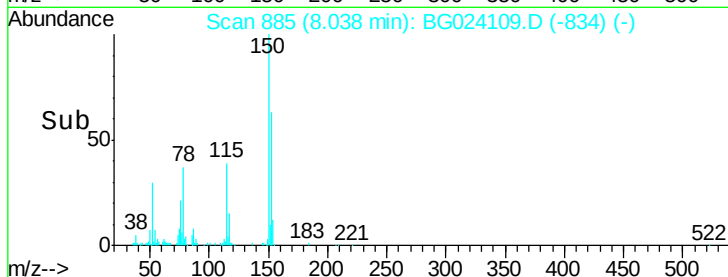
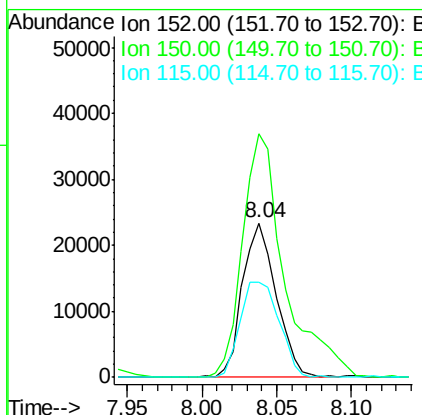
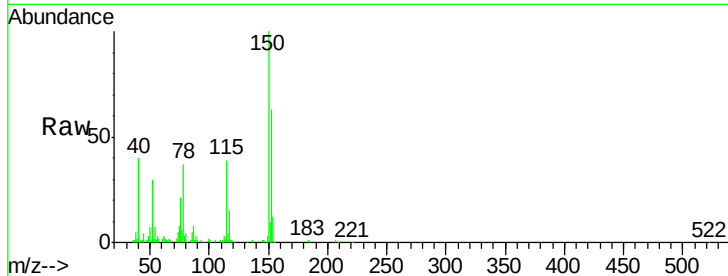
PB93571BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	144.7	217.1
115	62.1	64.0	96.0

Manual Integrations
APPROVED

sohil

9/26/2016 6:41:05 PM



#2

1,4-Dioxane

Concen: 35.69 ng

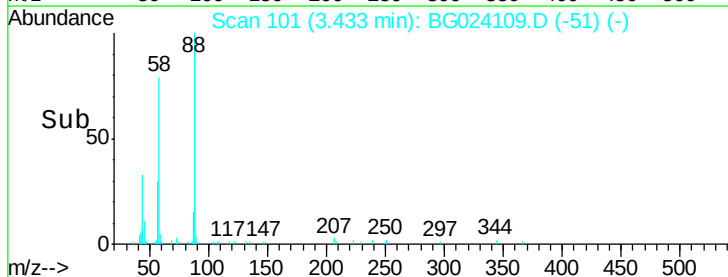
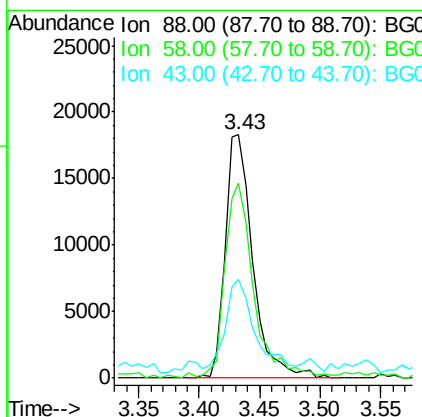
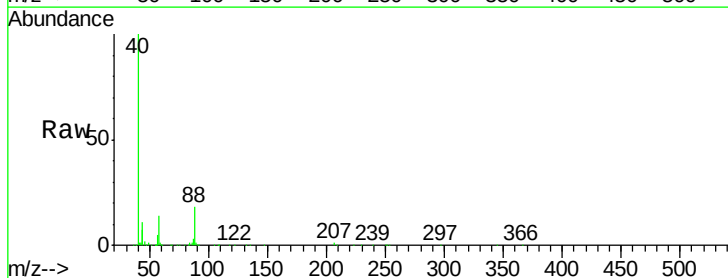
RT: 3.43 min Scan# 101

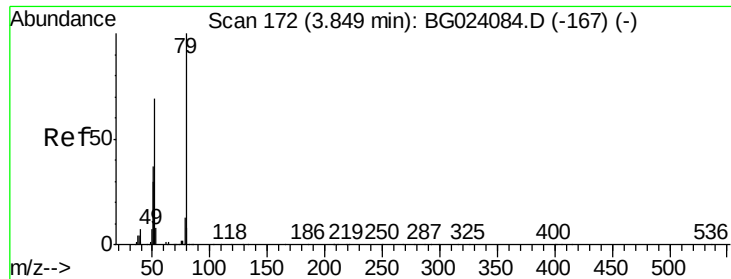
Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	60.4	90.6
43	39.6	31.1	46.7





#3

Pyridine

Concen: 32.90 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

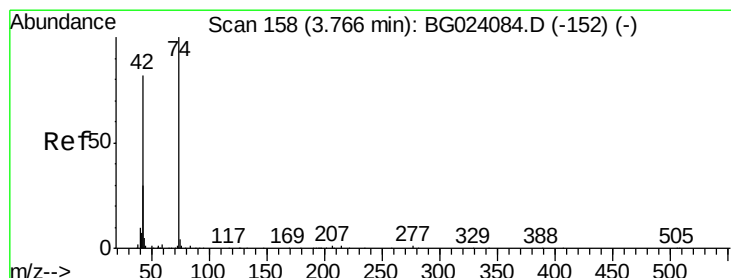
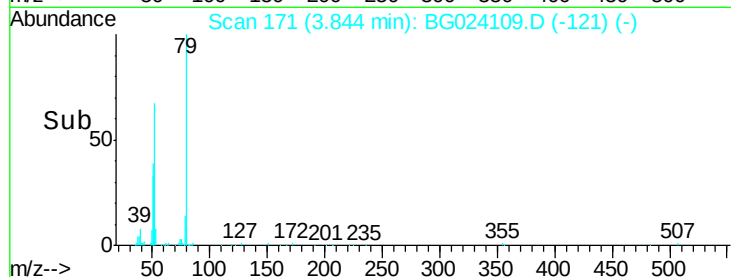
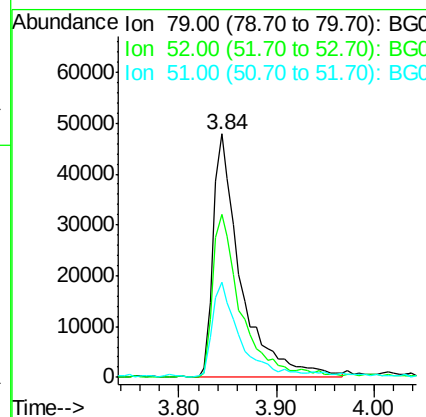
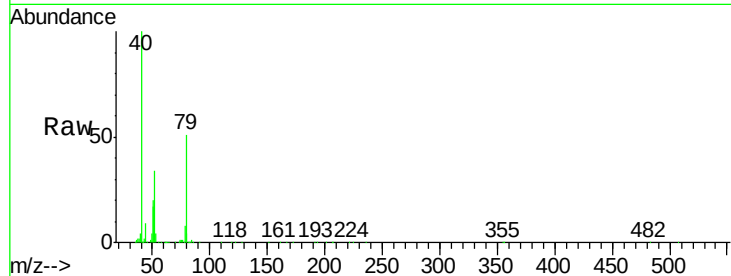
ClientSampleId :

PB93571BS

Tgt Ion:	79	Resp:	94204
Ion Ratio	Lower	Upper	
79	100		
52	67.1	51.8	77.8
51	39.3	32.7	49.1

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



#4

n-Nitrosodimethylamine

Concen: 36.42 ng

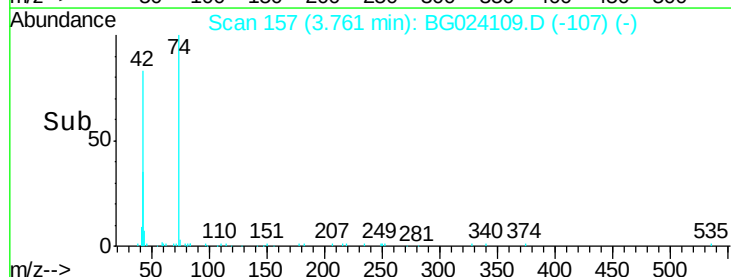
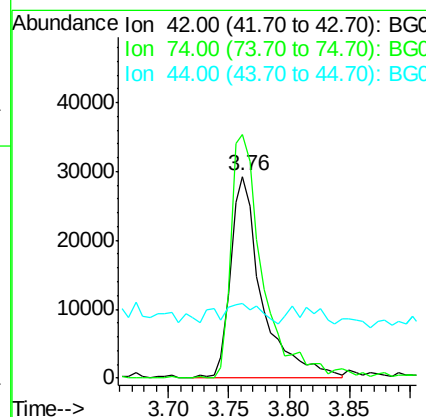
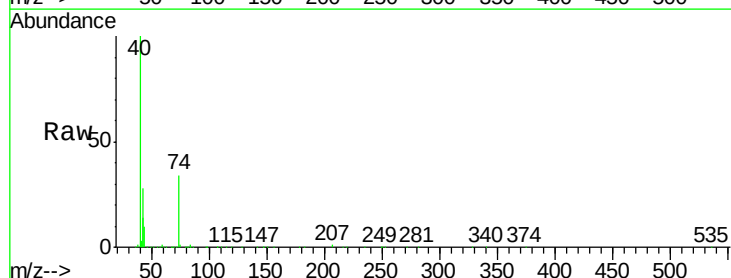
RT: 3.76 min Scan# 157

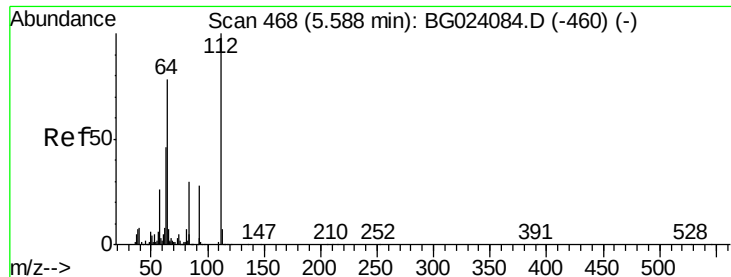
Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion:	42	Resp:	52851
Ion Ratio	Lower	Upper	
42	100		
74	120.7	100.6	150.8
44	37.0	4.5	6.7#





#5

2-Fluorophenol

Concen: 140.38 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

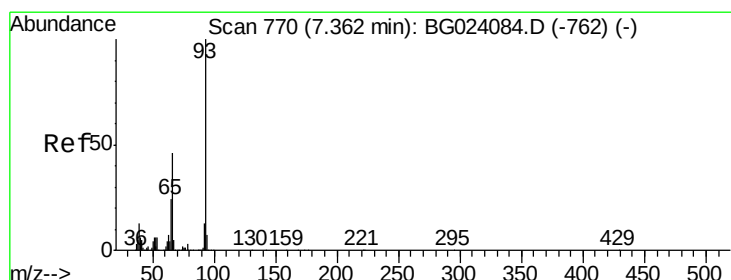
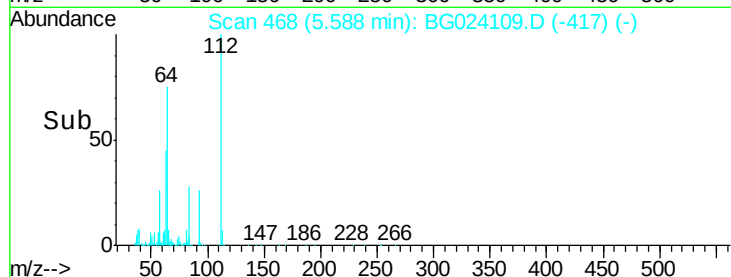
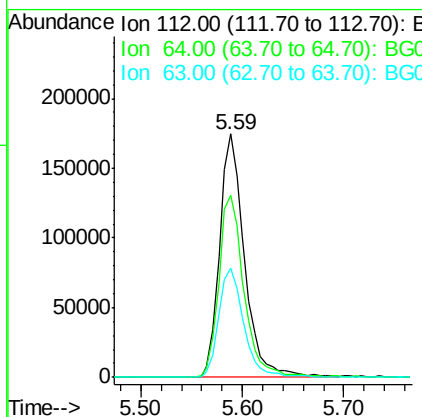
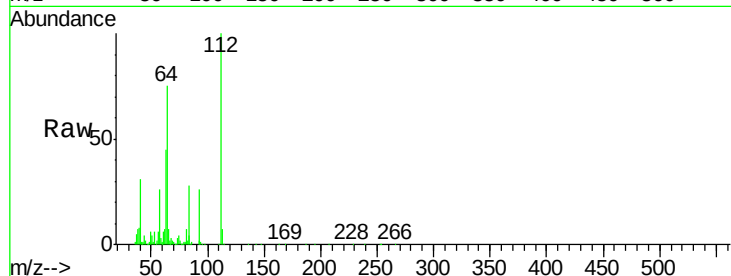
ClientSampleId :

PB93571BS

Tgt Ion:	112	Resp:	297122
Ion Ratio	Lower	Upper	
112	100		
64	74.7	59.0	88.4
63	44.8	37.8	56.8

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



#6

Aniline

Concen: 17.32 ng

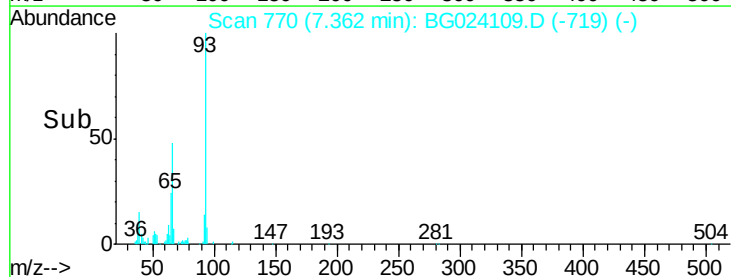
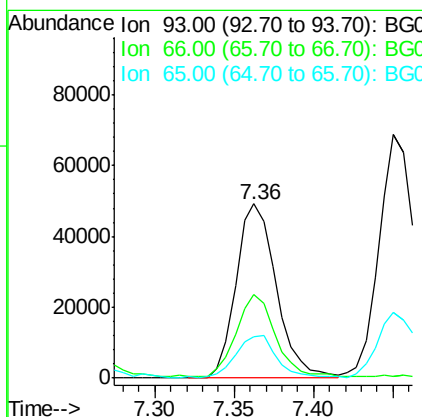
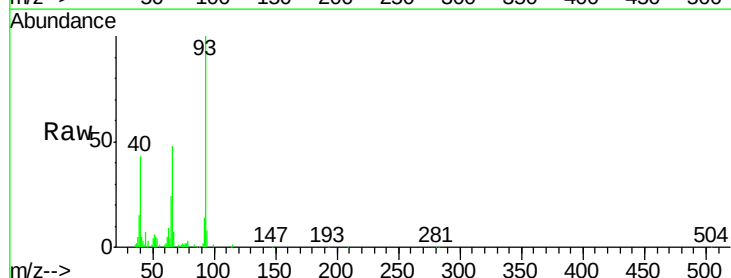
RT: 7.36 min Scan# 770

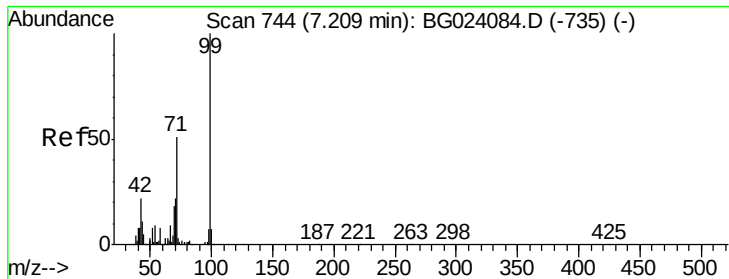
Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion:	93	Resp:	86620
Ion Ratio	Lower	Upper	
93	100		
66	48.4	37.5	56.3
65	23.9	17.9	26.9





#7

Phenol-d6

Concen: 133.36 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

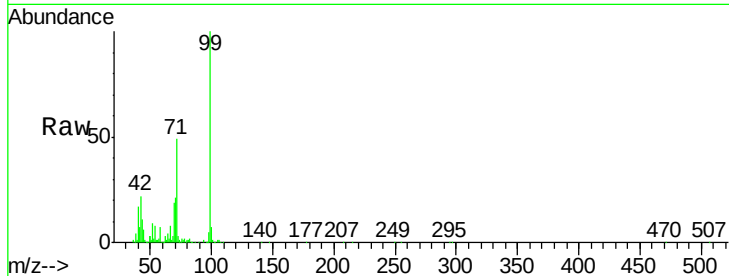
ClientSampleId :

PB93571BS

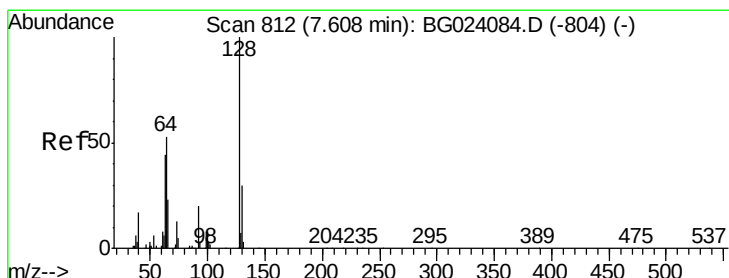
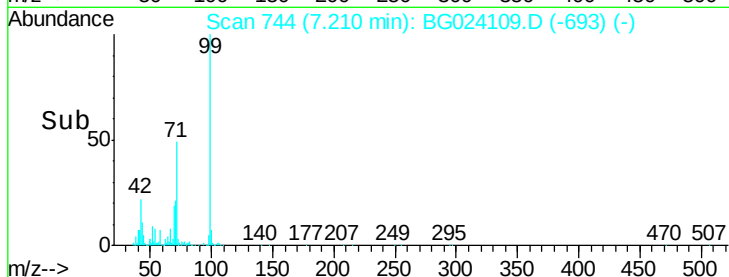
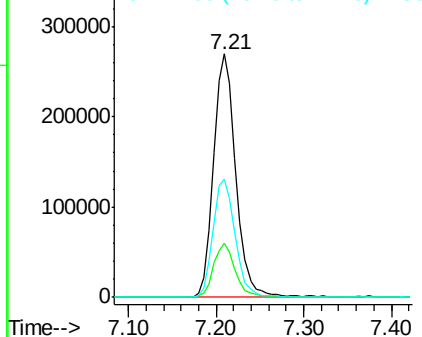
Tgt Ion:	99	Resp:	474962
Ion Ratio	Lower	Upper	
99	100		
42	22.3	17.8	26.6
71	48.6	41.5	62.3

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.12 ng

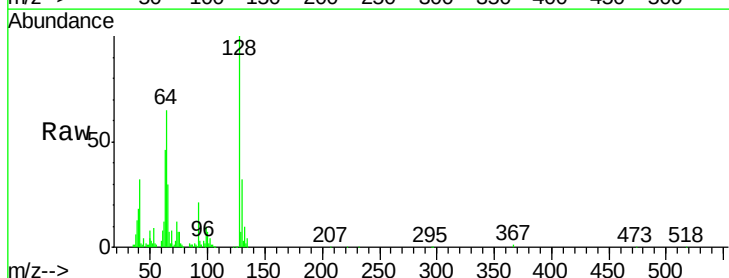
RT: 7.60 min Scan# 811

Delta R.T. -0.00 min

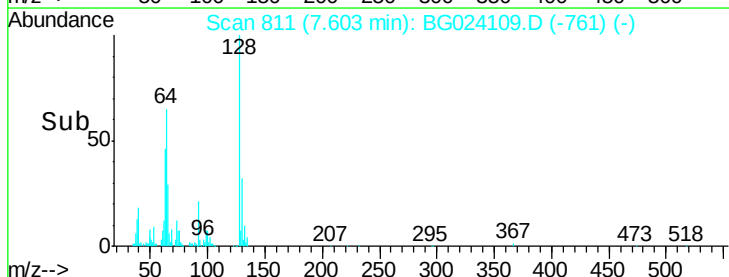
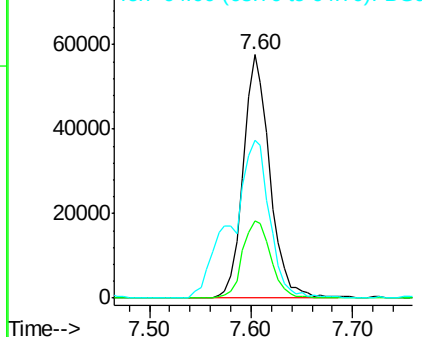
Lab File: BG024109.D

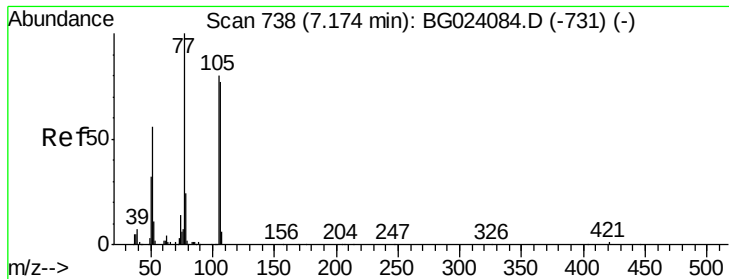
Acq: 24 Sep 2016 5:00

Tgt Ion:	128	Resp:	104190
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.9	52.9
64	65.1	42.0	82.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 8.92 ng

RT: 7.19 min Scan# 740

Delta R.T. 0.01 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

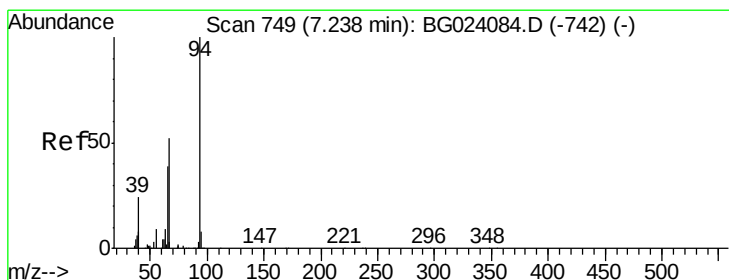
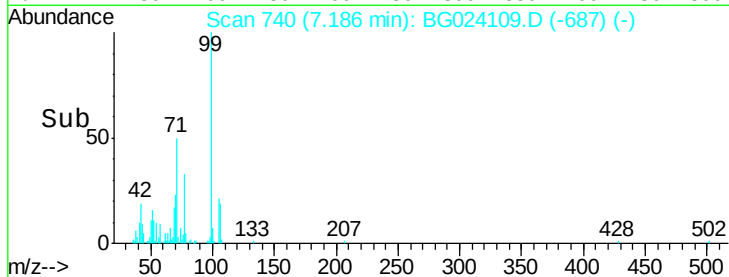
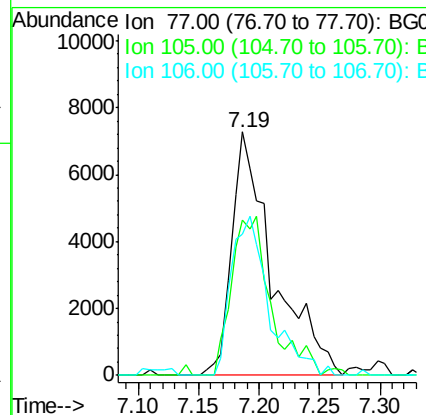
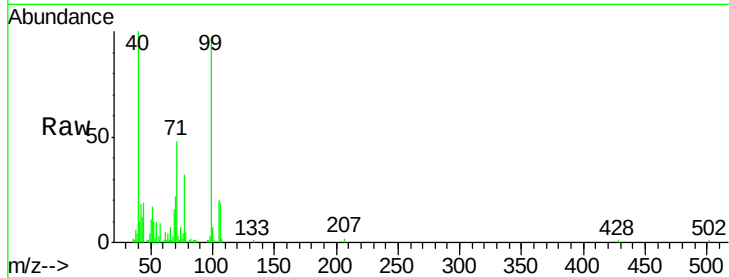
ClientSampleId :

PB93571BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	63.7	58.7	98.7
106	58.3	67.5	107.5

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



#10

Phenol

Concen: 43.07 ng

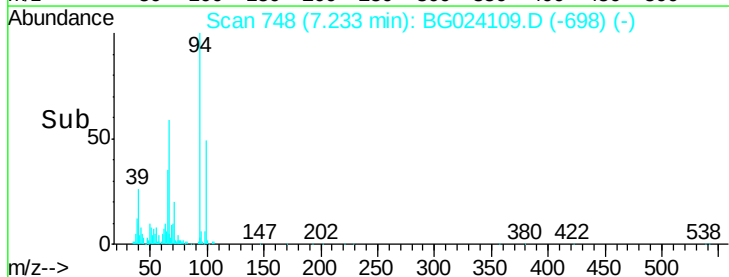
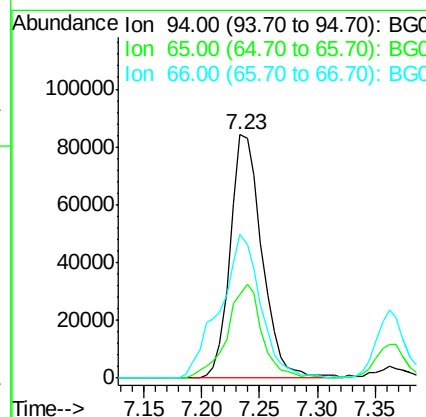
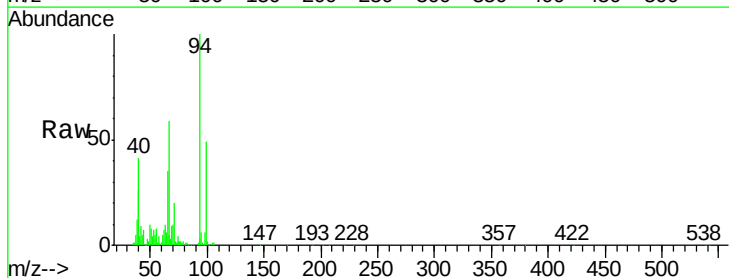
RT: 7.23 min Scan# 748

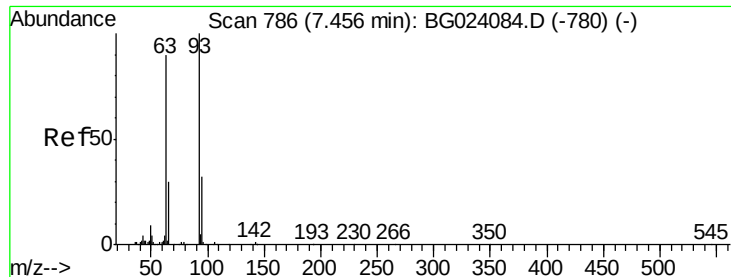
Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.6	18.1	58.1
66	59.0	42.1	82.1





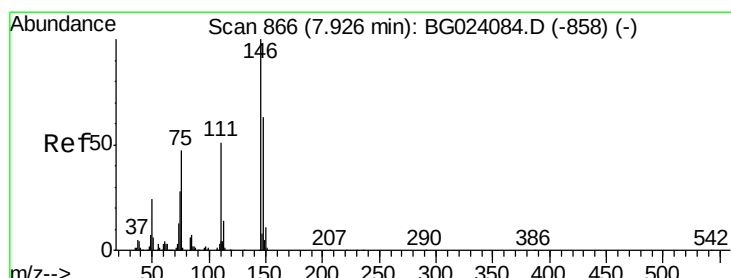
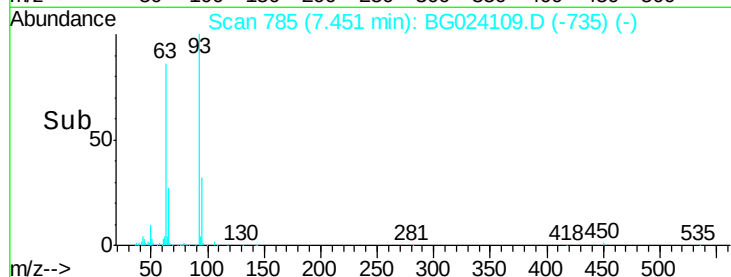
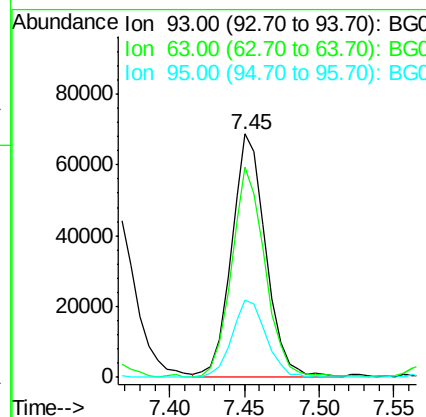
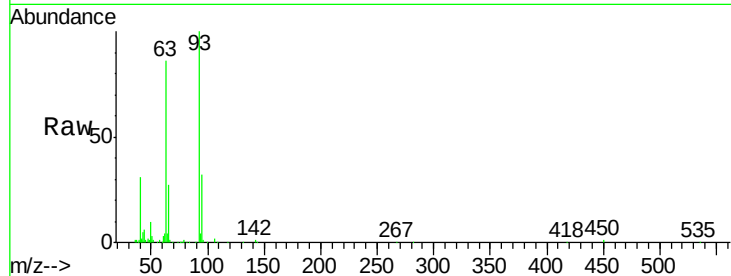
#11
bis(2-Chloroethyl)ether
Concen: 36.90 ng
RT: 7.45 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	108954		
63	86.5	55.0	95.0	
95	31.6	11.0	51.0	

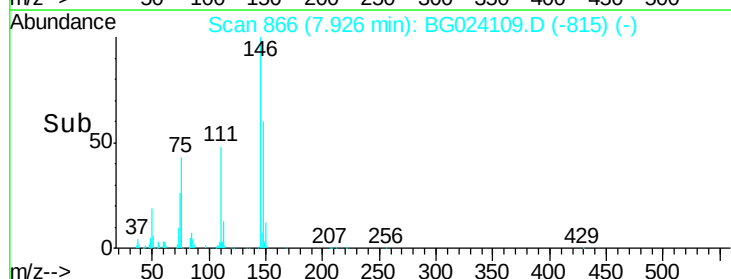
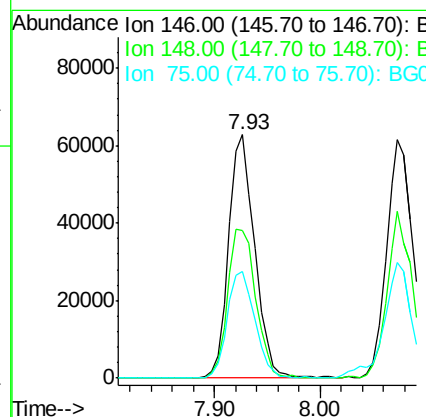
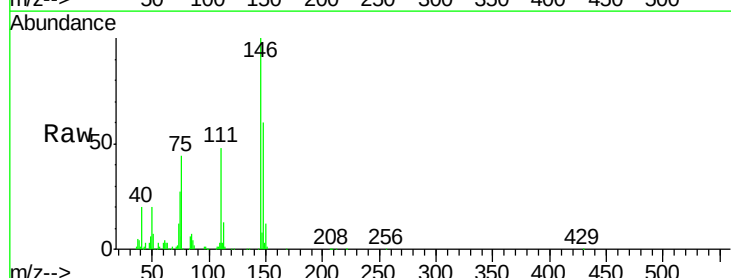
Manual Integrations
APPROVED

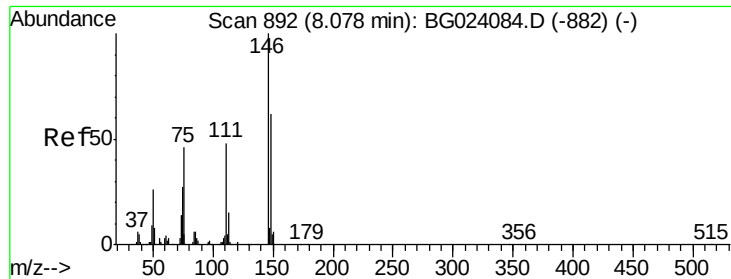
sohil
9/26/2016 6:41:05 PM



#12
1,3-Dichlorobenzene
Concen: 37.87 ng
RT: 7.93 min Scan# 866
Delta R.T. 0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	107006		
148	60.4	50.3	75.5	
75	44.1	37.0	55.6	





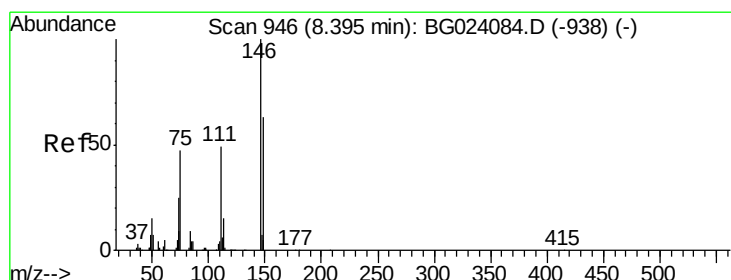
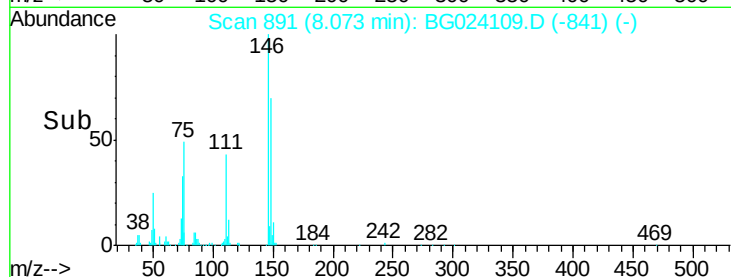
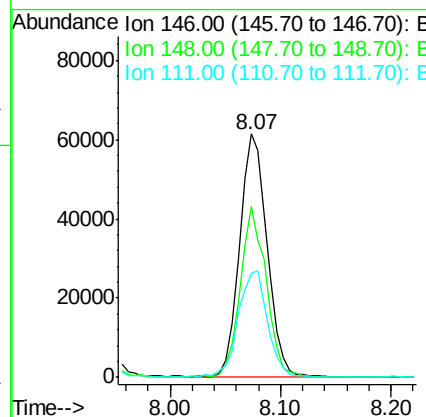
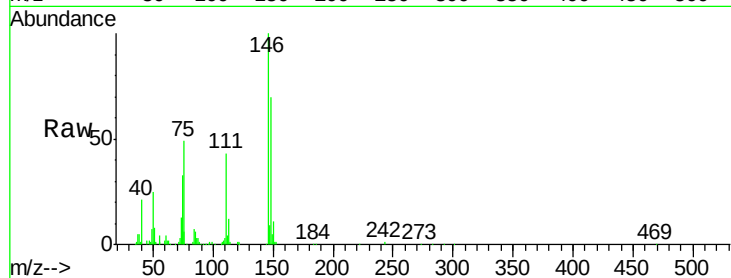
#13
 1,4-Dichlorobenzene
 Concen: 37.42 ng
 RT: 8.07 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.8	54.5	81.7
111	42.8	37.8	56.8

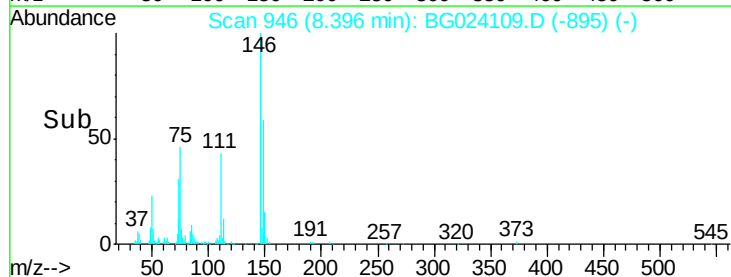
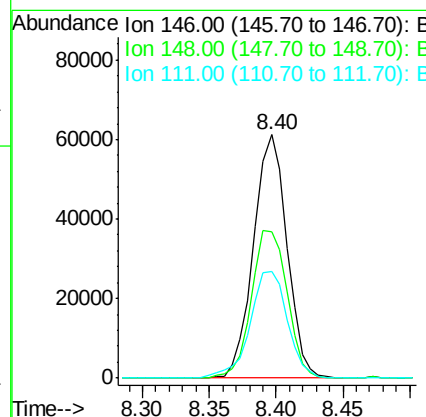
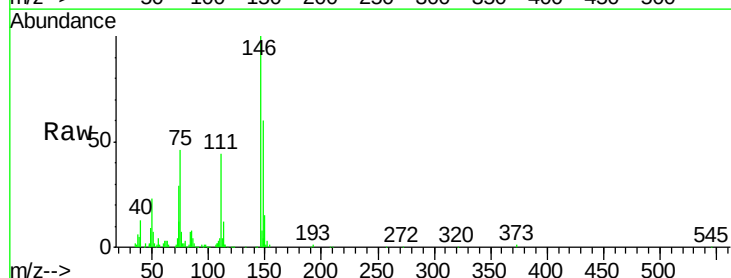
Manual Integrations
 APPROVED

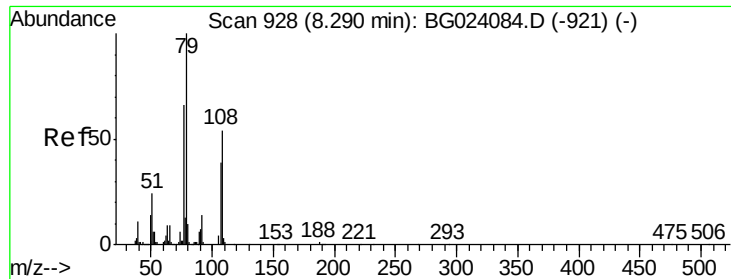
sohil
 9/26/2016 6:41:05 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.68 ng
 RT: 8.40 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.1	52.9	79.3
111	43.9	43.5	65.3





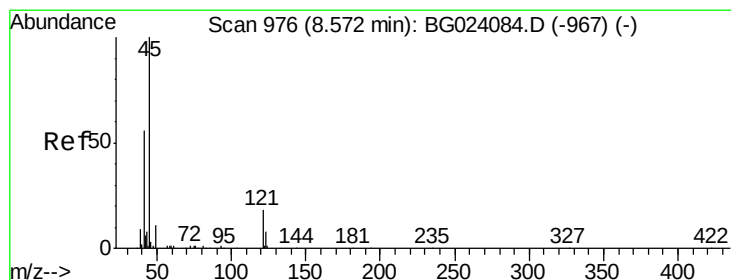
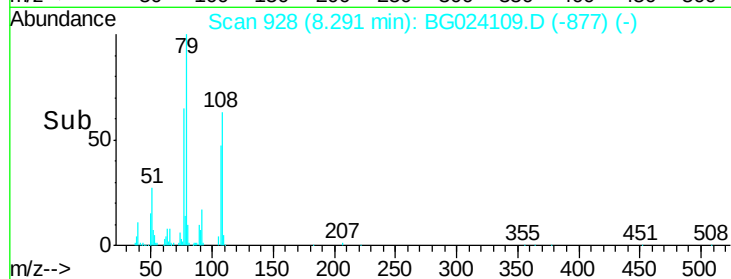
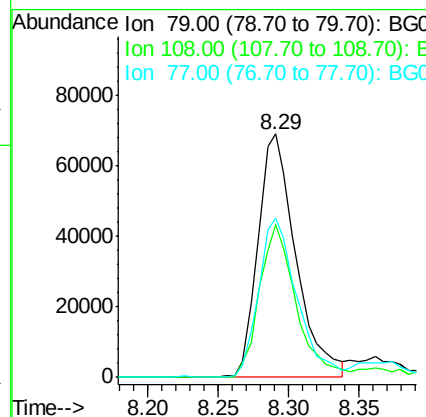
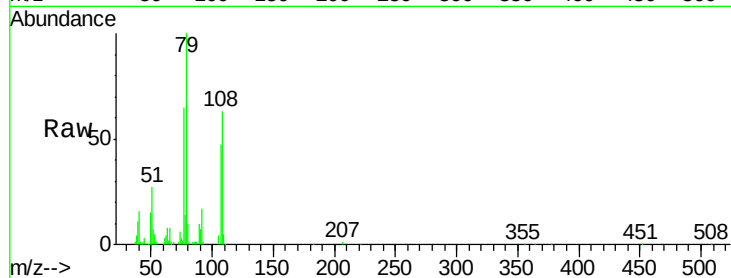
#15
Benzyl Alcohol
Concen: 37.80 ng
RT: 8.29 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	62.8	46.5	69.7
77	65.3	52.3	78.5

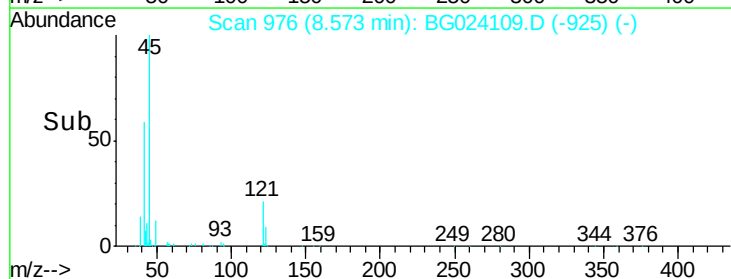
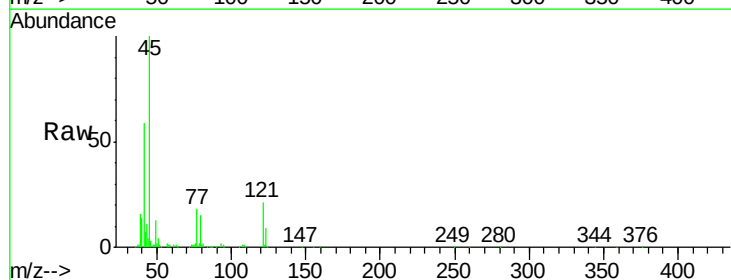
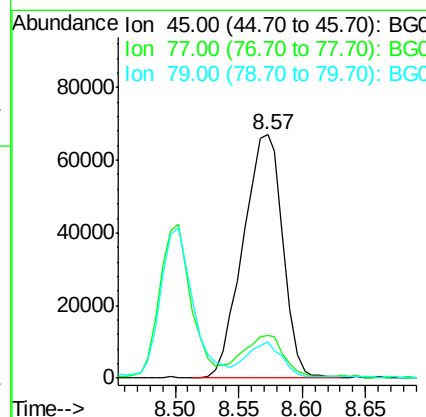
Manual Integrations
APPROVED

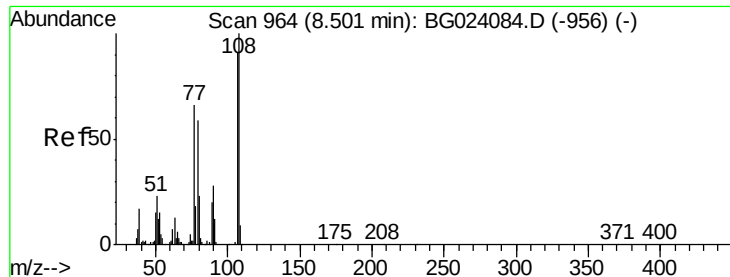
sohil
9/26/2016 6:41:05 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.78 ng
RT: 8.57 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.6	40.6
79	14.9	0.0	36.2





#17

2-Methylphenol

Concen: 43.53 ng

RT: 8.50 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampled :

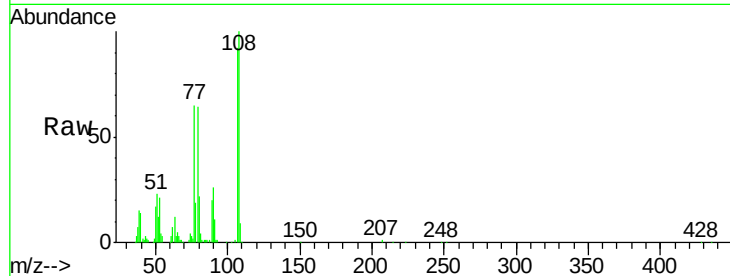
PB93571BS

Tgt	Ion	Resp	Lower	Upper
107	100			
108	108.8	92.0	138.0	
77	71.2	55.8	83.6	
79	69.5	55.0	82.6	

Manual Integrations
APPROVED

sohil

9/26/2016 6:41:05 PM

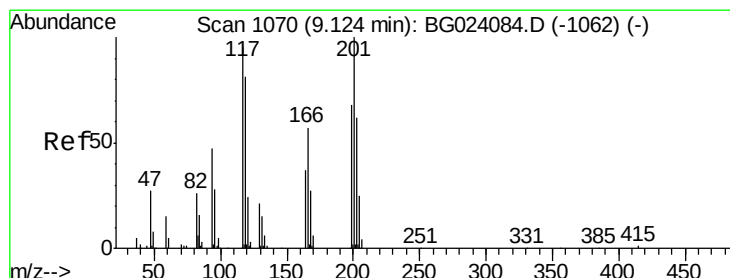
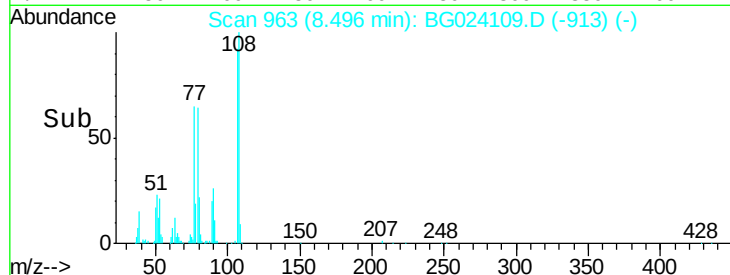
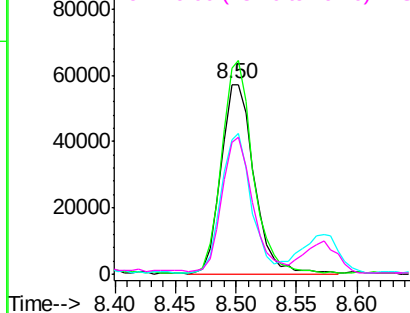


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.34 ng

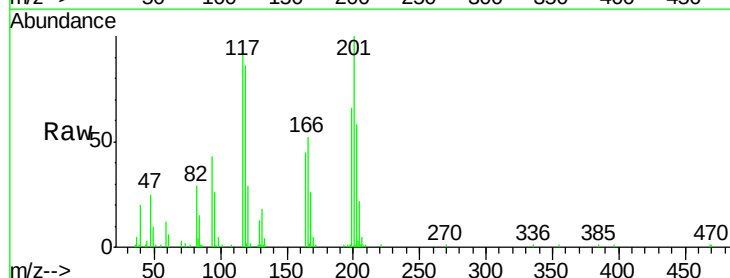
RT: 9.12 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

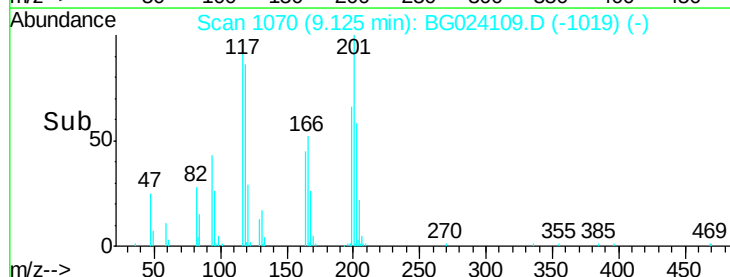
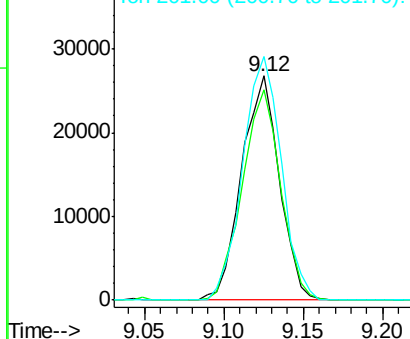
Tgt	Ion	Resp	Lower	Upper
117	100			
119	93.5	73.7	110.5	
201	108.6	88.7	133.1	

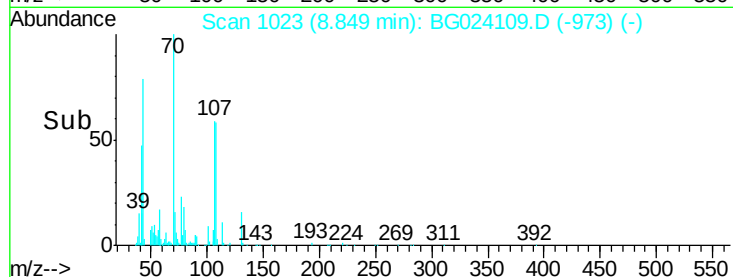
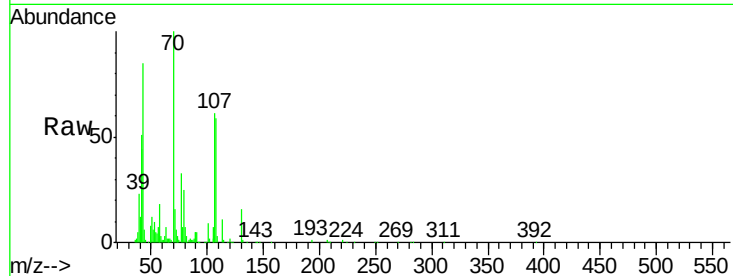
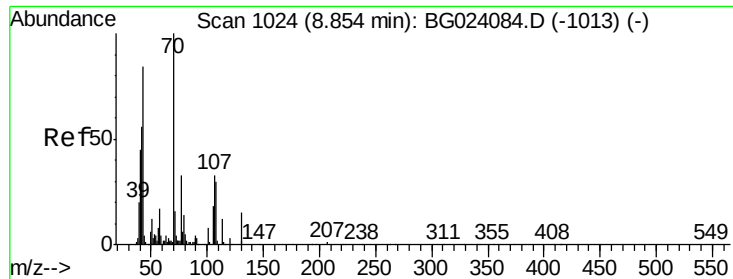


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





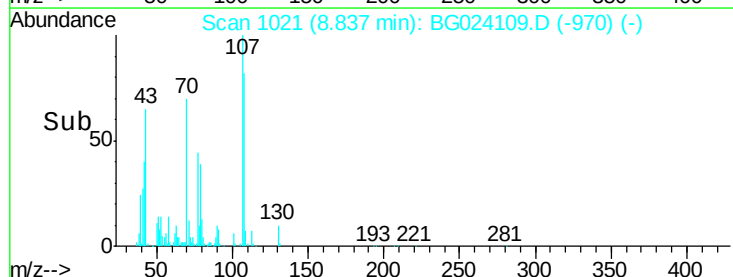
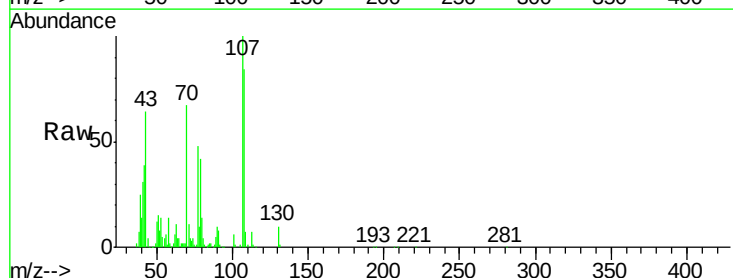
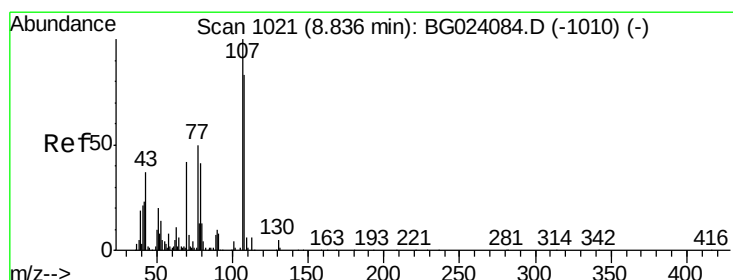
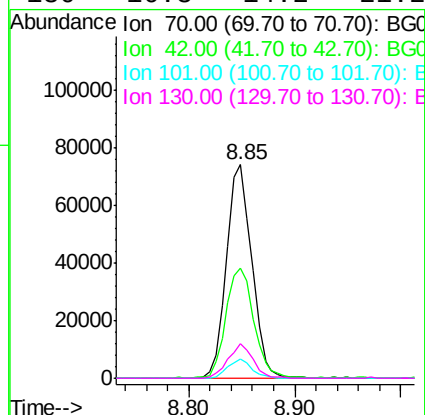
#19
n-Nitroso-di-n-propylamine
Concen: 35.08 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Manual Integrations
APPROVED

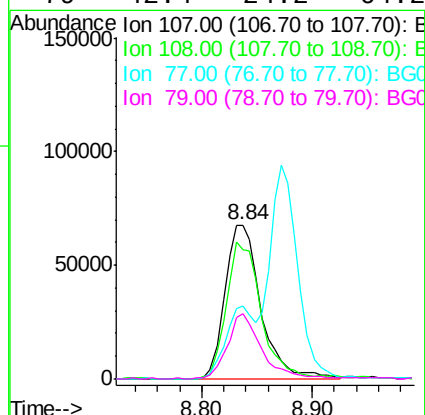
sohil
9/26/2016 6:41:05 PM

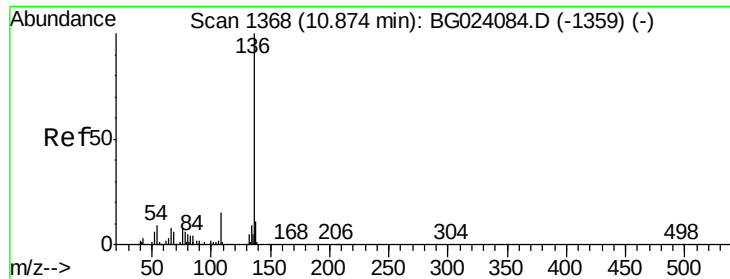
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		122697		
42	51.4	42.1	63.1		
101	9.2	7.2	10.8		
130	16.3	14.2	21.2		



#20
3+4-Methylphenols
Concen: 42.50 ng
RT: 8.84 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		153630		
108	84.3	72.5	112.5		
77	47.7	30.1	70.1		
79	42.4	24.2	64.2		





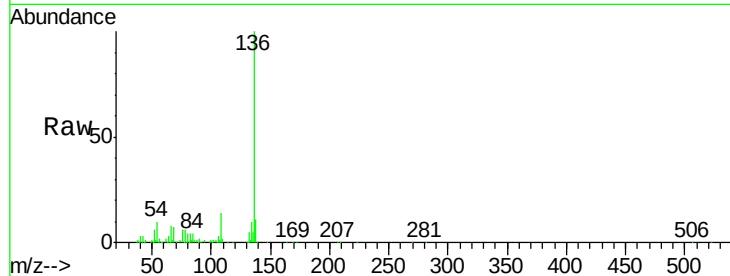
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

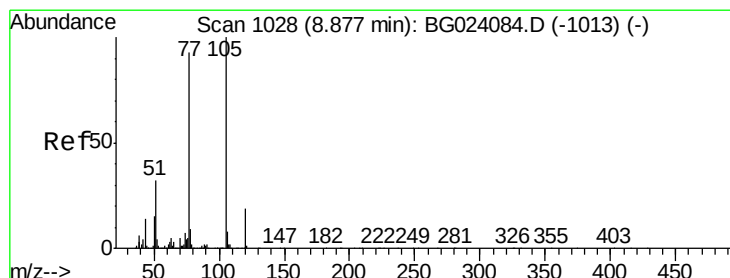
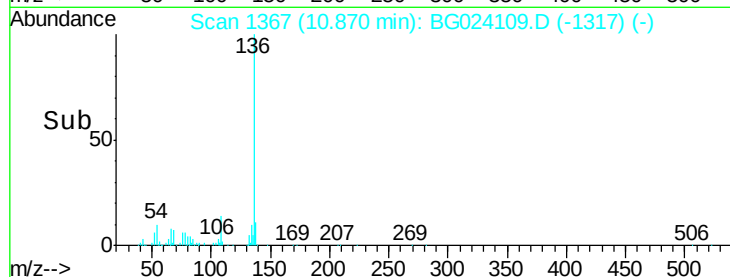
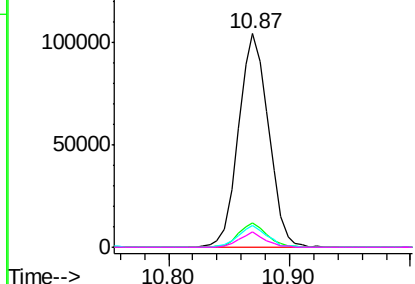
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.4	9.6	14.4
54	10.4	7.3	10.9
68	7.0	5.3	7.9

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



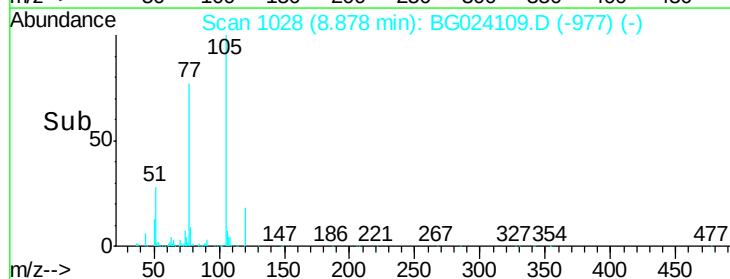
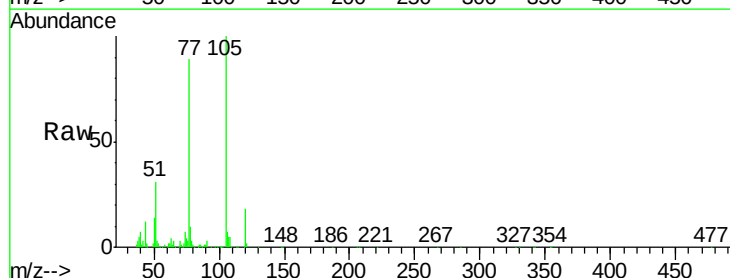
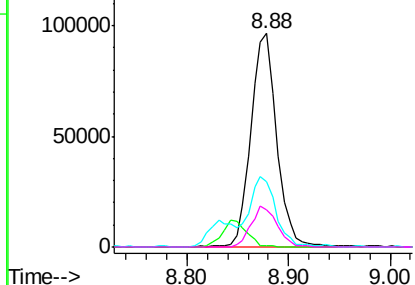
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

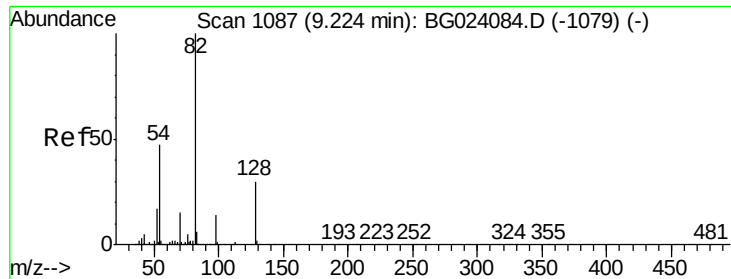


#22
Acetophenone
Concen: 32.81 ng
RT: 8.88 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	0.5	2.6	3.8#
51	30.6	27.1	40.7
120	17.7	15.1	22.7

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





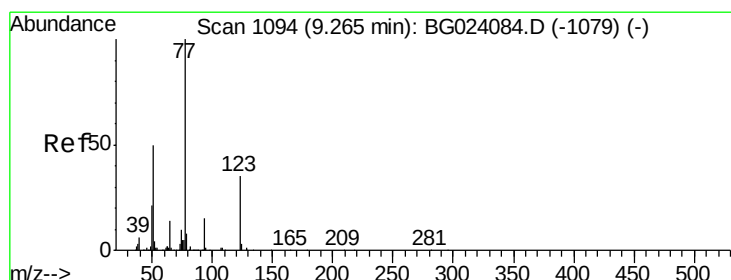
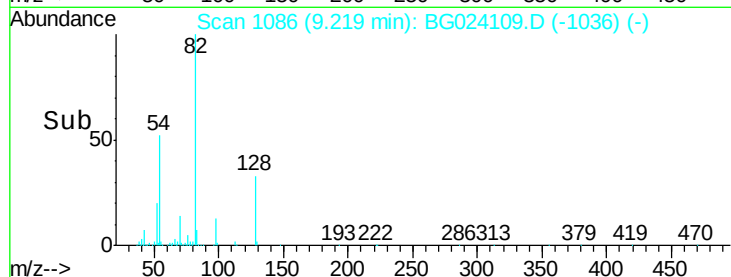
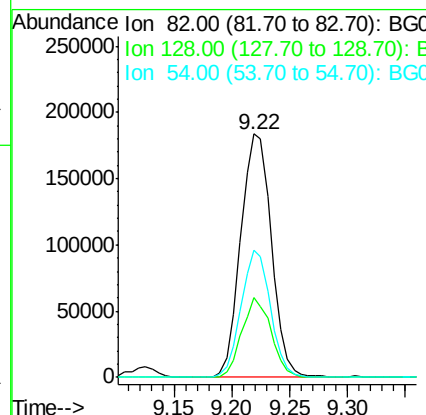
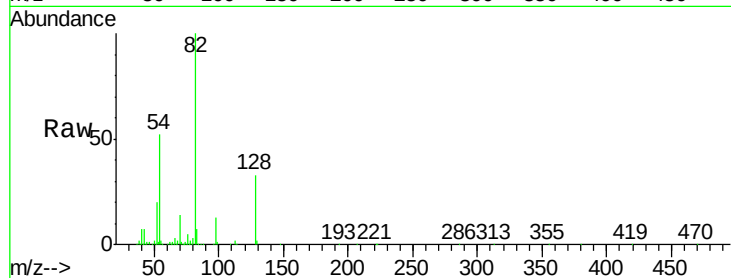
#23
 Nitrobenzene-d5
 Concen: 73.97 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampleID :
 PB93571BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	32.9	24.4	36.6
54	52.1	41.4	62.0

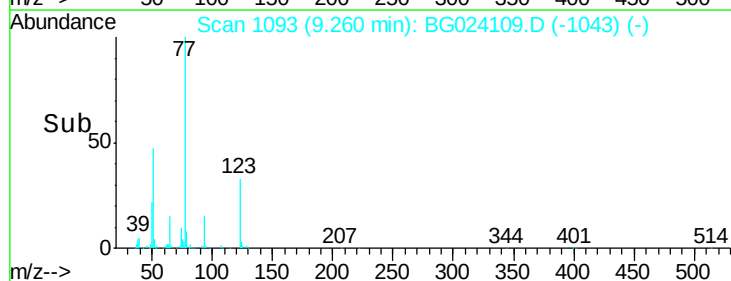
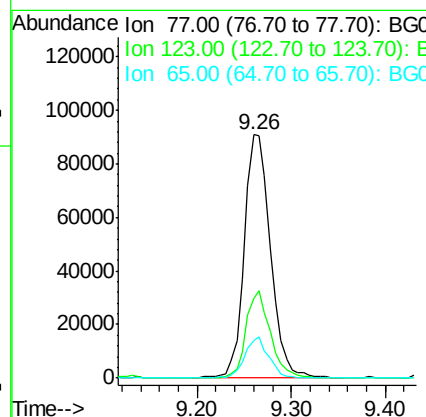
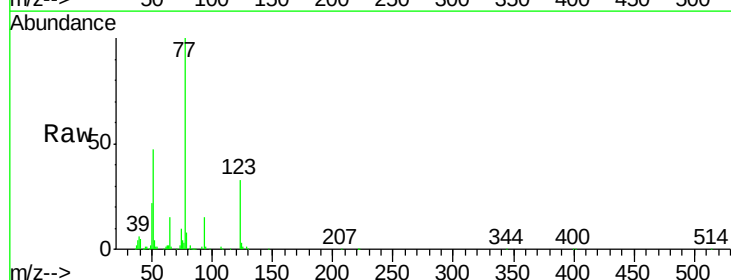
Manual Integrations
 APPROVED

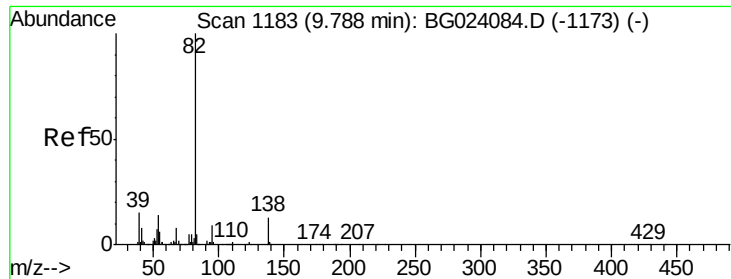
sohil
 9/26/2016 6:41:05 PM



#24
 Nitrobenzene
 Concen: 35.91 ng
 RT: 9.26 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	32.9	25.0	37.6
65	15.2	13.4	20.0





#25

Isophorone

Concen: 35.63 ng

RT: 9.78 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

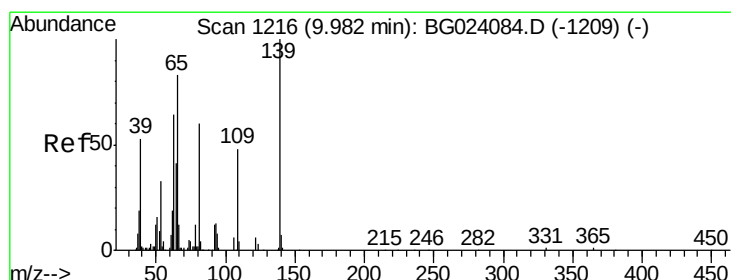
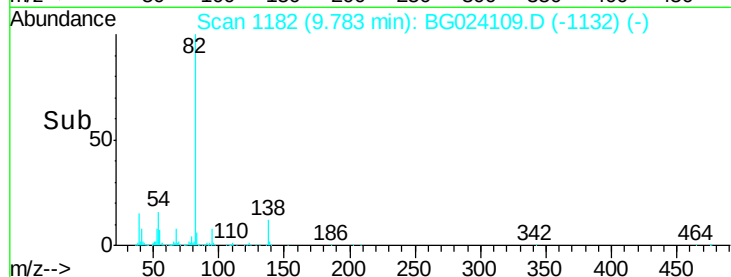
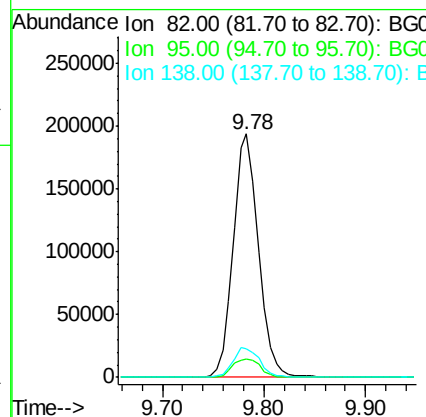
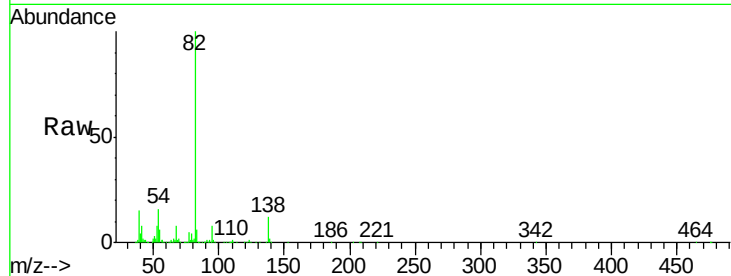
ClientSampleId :

PB93571BS

Tgt Ion:	82	Resp:	332976
Ion Ratio		Lower	Upper
82	100		
95	7.6	8.2	12.2#
138	11.8	10.7	16.1

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



#26

2-Nitrophenol

Concen: 36.18 ng

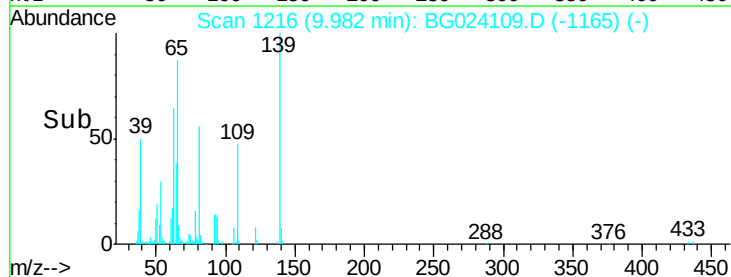
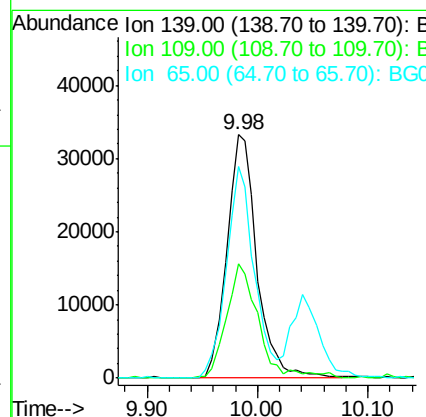
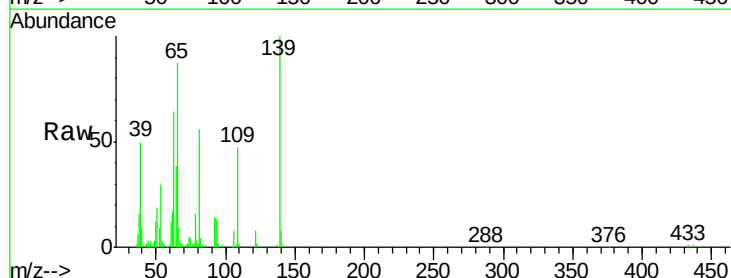
RT: 9.98 min Scan# 1216

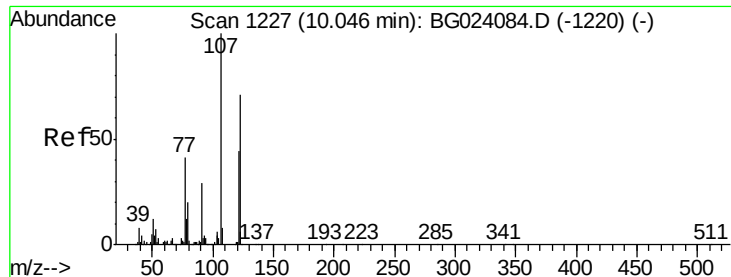
Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion:	139	Resp:	63026
Ion Ratio		Lower	Upper
139	100		
109	46.8	43.5	65.3
65	86.7	64.3	96.5





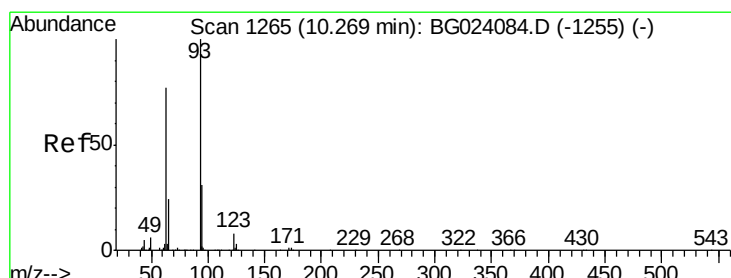
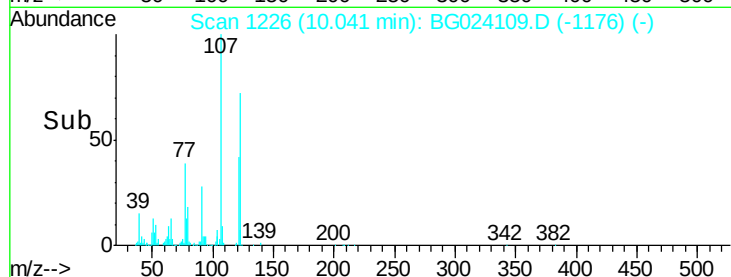
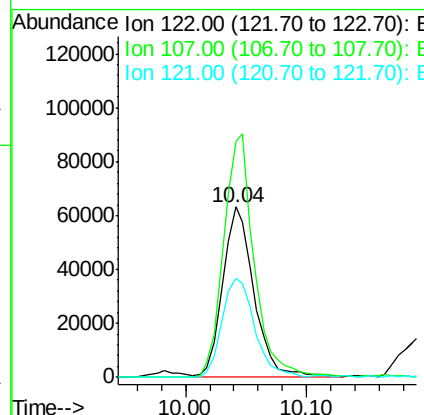
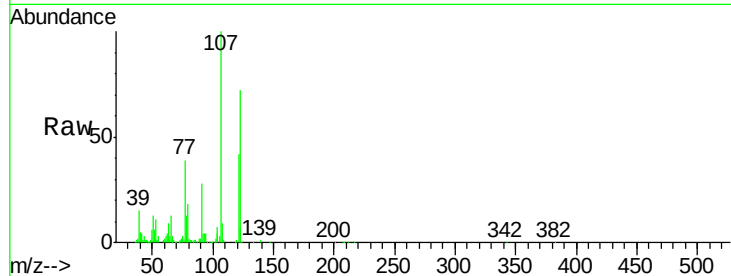
#27
 2,4-Dimethylphenol
 Concen: 38.24 ng
 RT: 10.04 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	111372		
107	138.5	117.0	175.4	
121	57.7	50.1	75.1	

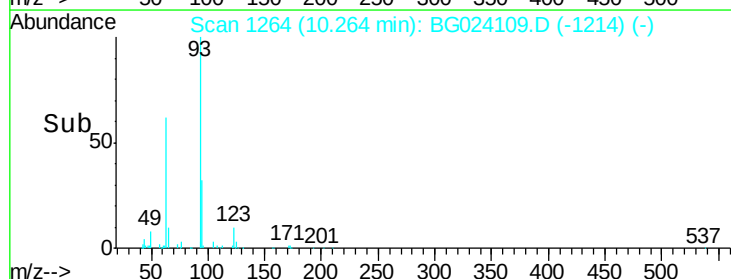
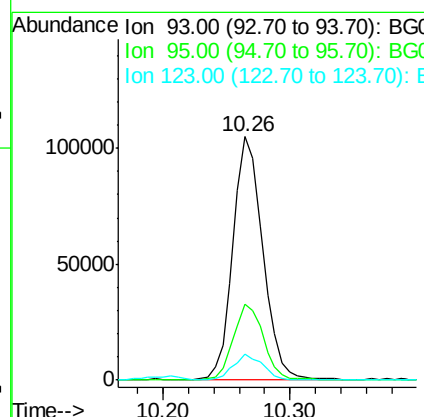
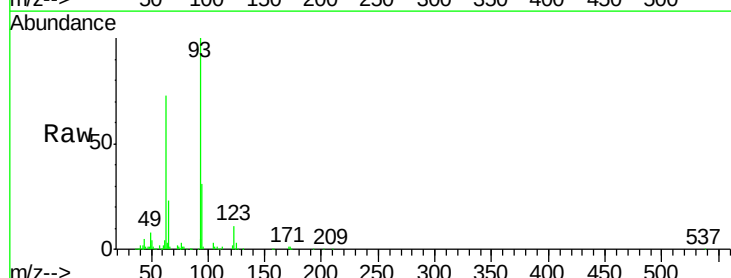
Manual Integrations
 APPROVED

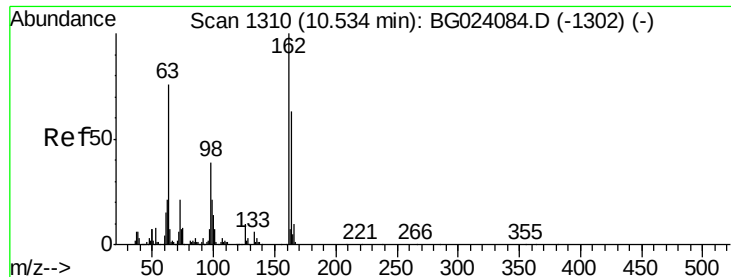
sohil
 9/26/2016 6:41:05 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.73 ng
 RT: 10.26 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	171445		
95	31.0	25.4	38.2	
123	10.5	8.2	12.2	





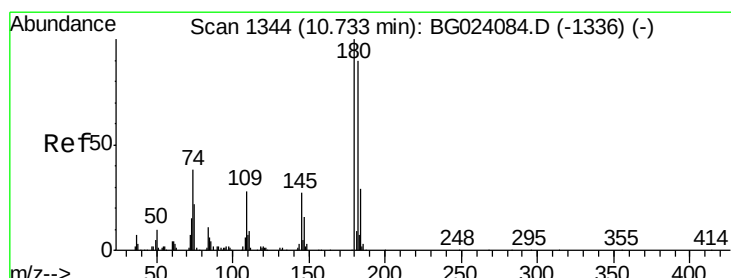
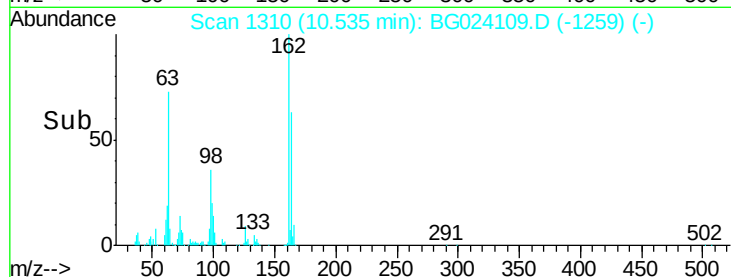
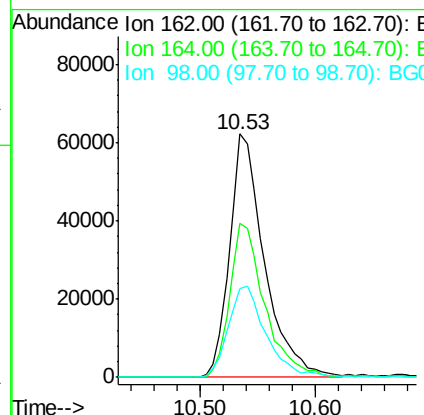
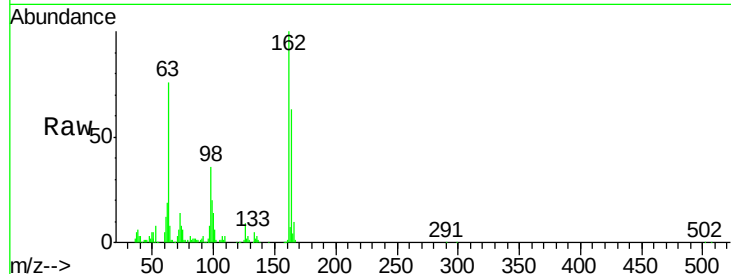
#29
2,4-Dichlorophenol
Concen: 42.90 ng
RT: 10.53 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.4	44.3	84.3
98	36.3	19.5	59.5

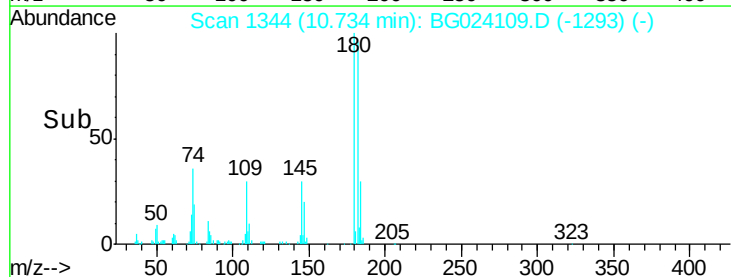
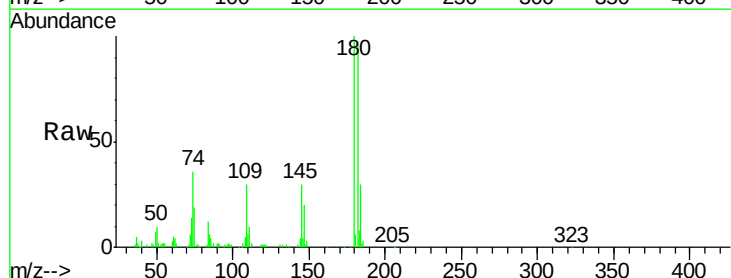
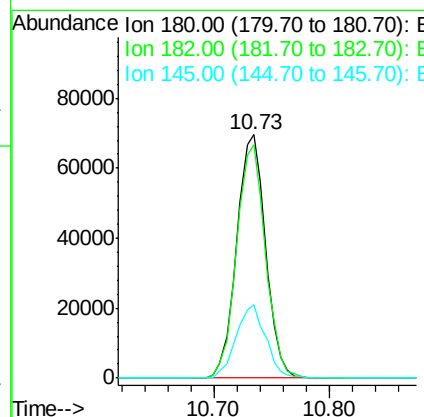
Manual Integrations
APPROVED

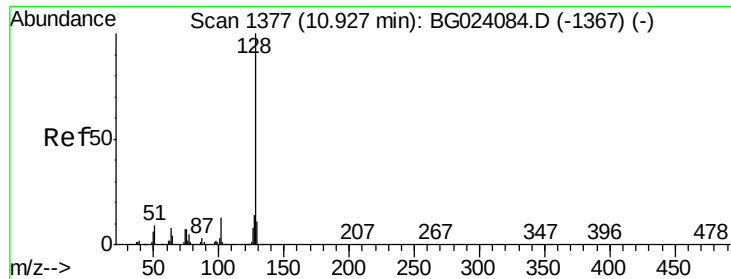
sohil
9/26/2016 6:41:05 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.11 ng
RT: 10.73 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	73.8	110.8
145	30.1	24.4	36.6





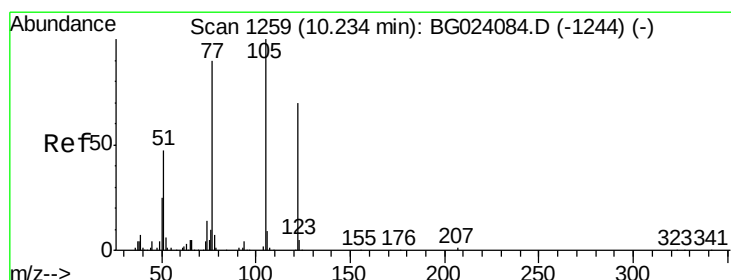
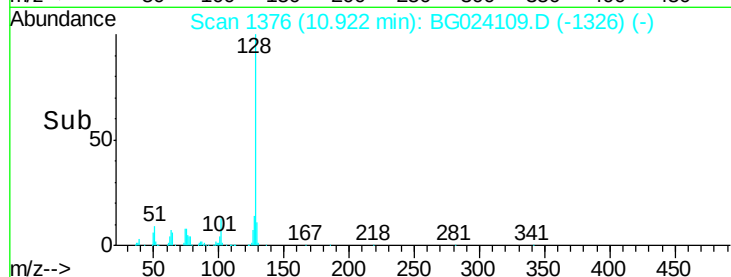
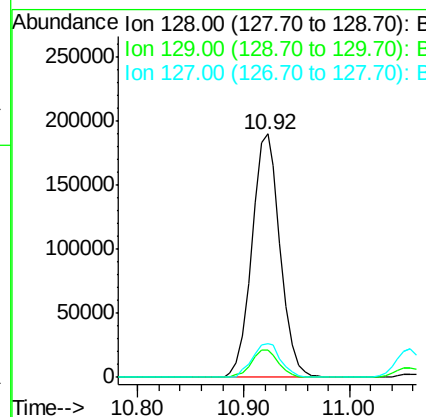
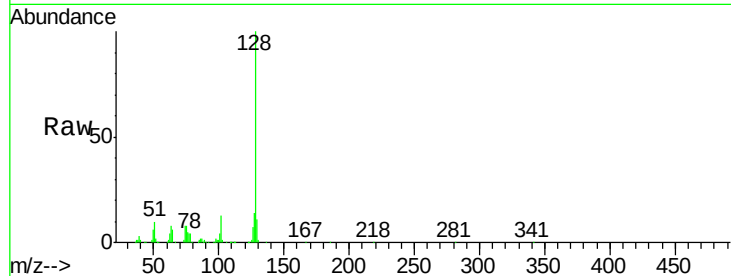
#31
Naphthalene
Concen: 38.36 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Tgt	Ion	Ratio	Resp	Lower	Upper
128	100		350911		
129	11.0	9.4	14.0		
127	14.1	11.3	16.9		

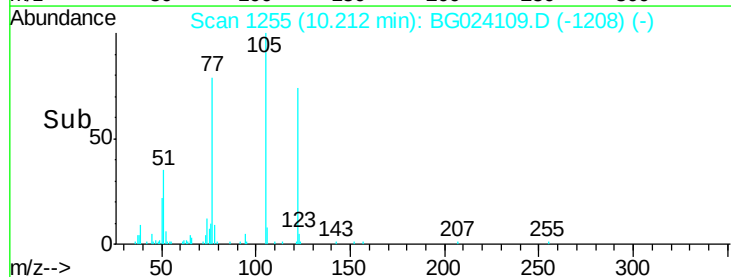
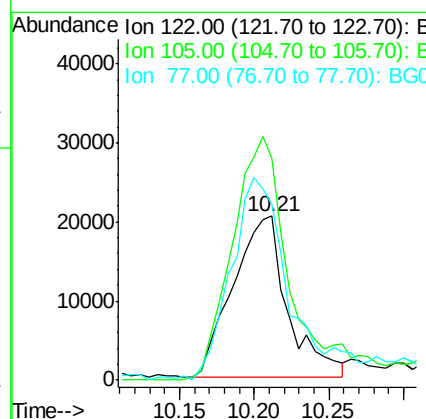
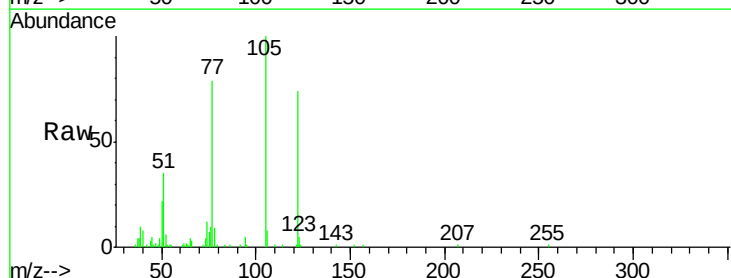
Manual Integrations
APPROVED

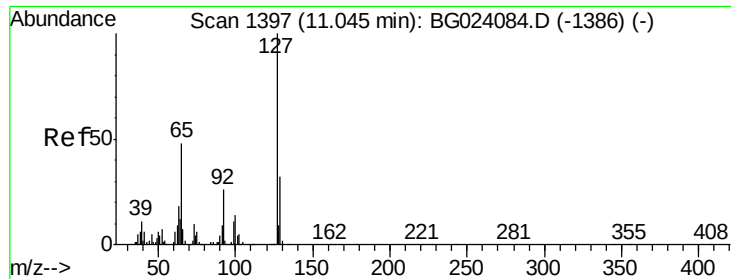
sohil
9/26/2016 6:41:05 PM



#32
Benzoic acid
Concen: 25.43 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt	Ion	Ratio	Resp	Lower	Upper
122	100		52295		
105	135.6	117.2	157.2		
77	107.1	109.2	149.2		





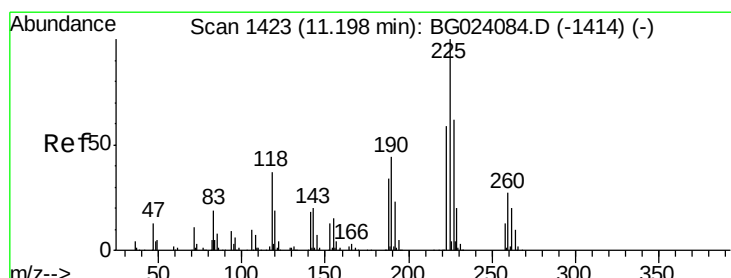
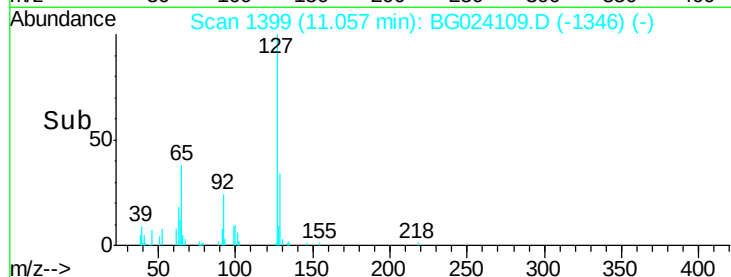
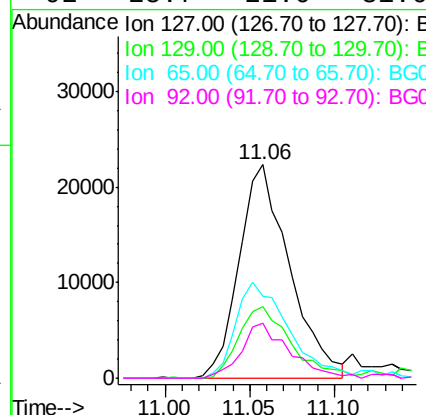
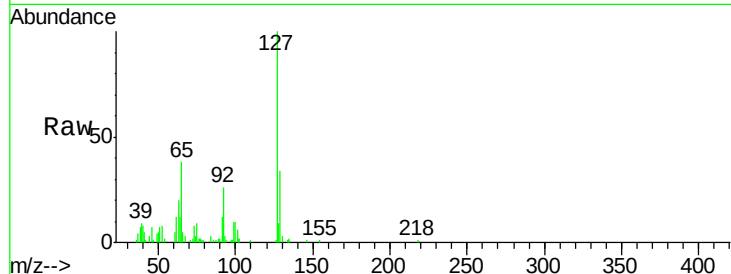
#33
4-Chloroaniline
Concen: 11.35 ng
RT: 11.06 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	46353		
129	33.6	27.9	41.9	
65	38.4	36.8	55.2	
92	25.7	21.0	31.6	

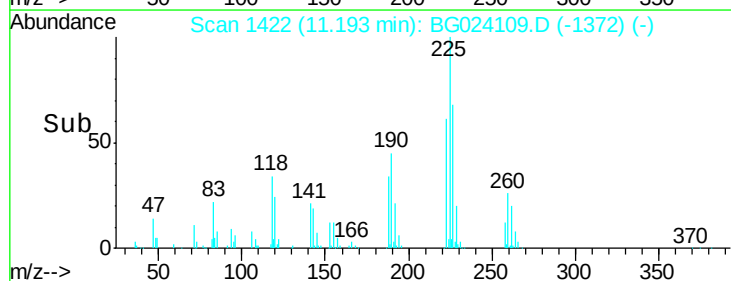
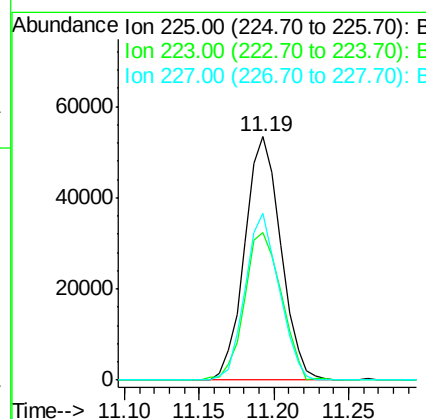
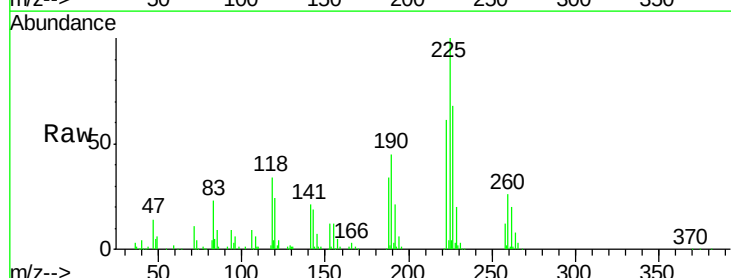
Manual Integrations
APPROVED

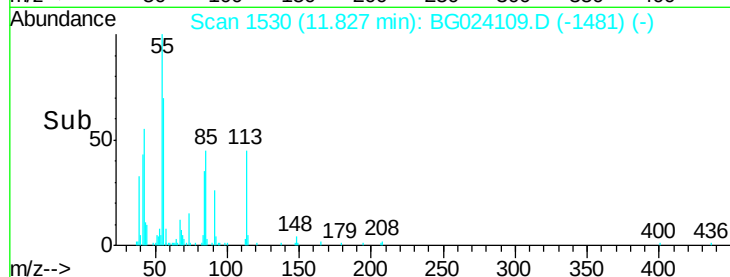
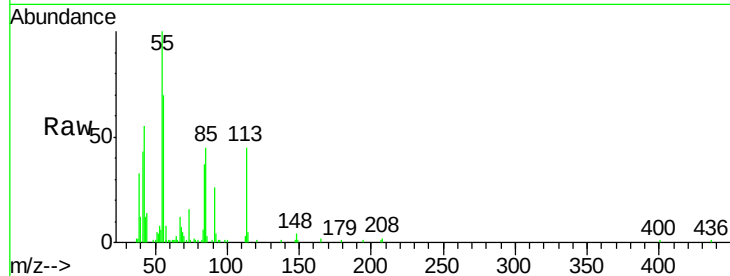
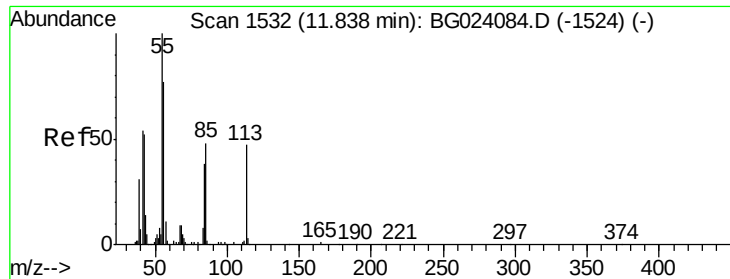
sohil
9/26/2016 6:41:05 PM



#34
Hexachlorobutadiene
Concen: 34.96 ng
RT: 11.19 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89296		
223	60.9	49.6	74.4	
227	68.3	54.5	81.7	





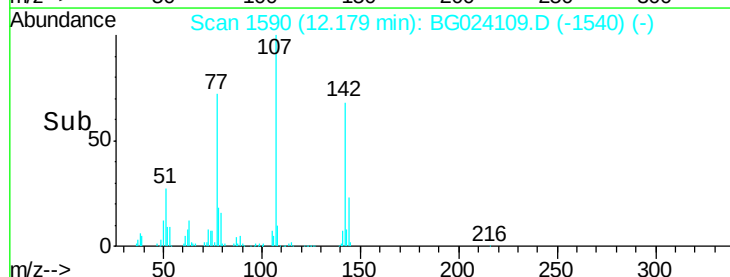
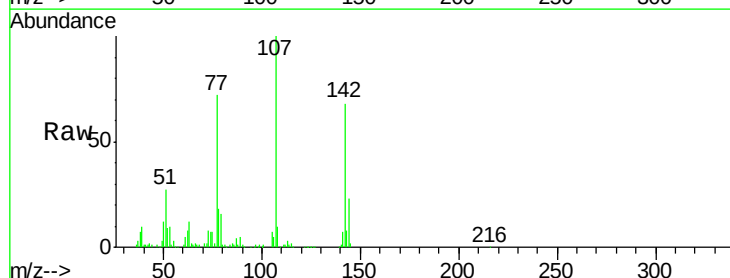
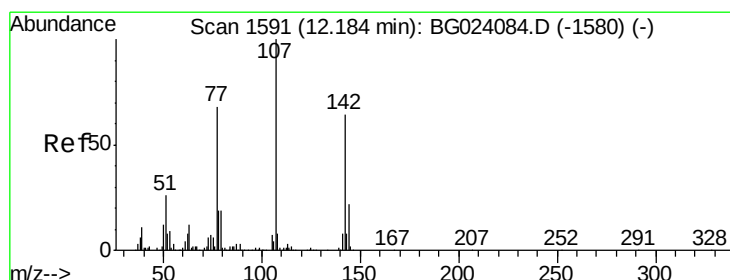
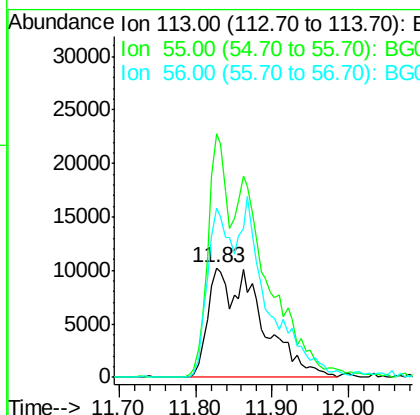
#35
 Caprolactam
 Concen: 39.54 ng m
 RT: 11.83 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
113	100		
55	222.8	154.5	194.5#
56	155.1	125.1	165.1

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

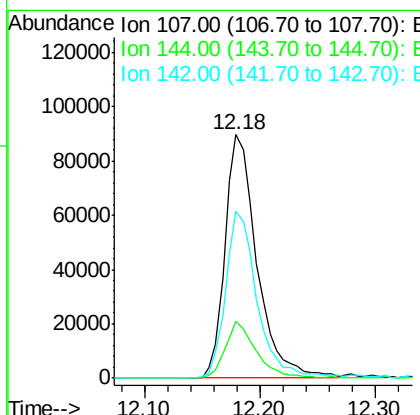
Manual Integrations
 APPROVED

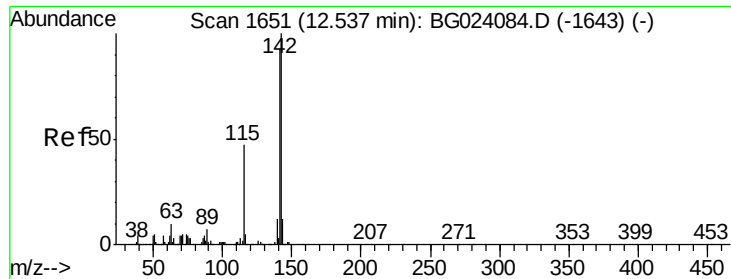
sohil
 9/26/2016 6:41:05 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.29 ng
 RT: 12.18 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.2	17.0	25.6
142	68.3	53.0	79.6





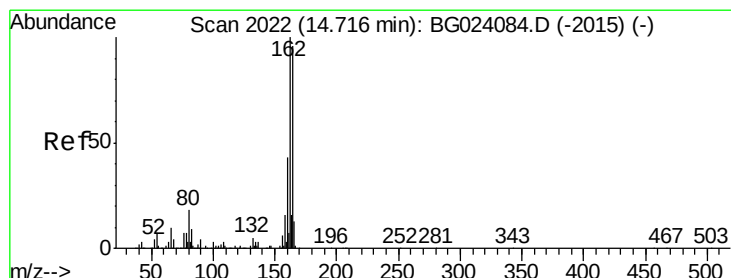
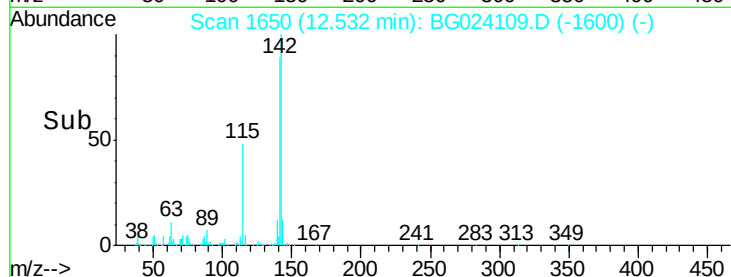
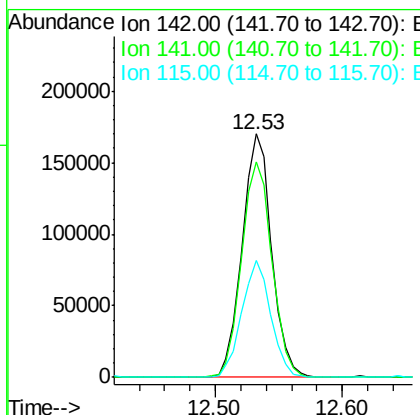
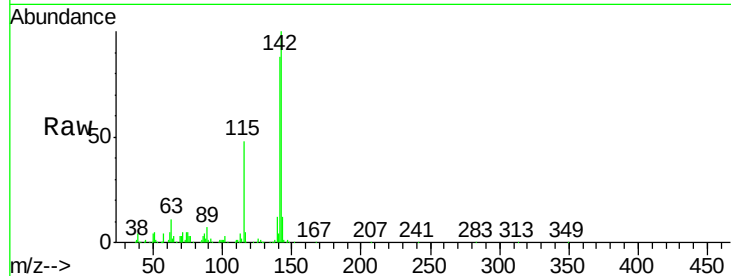
#37
 2-Methylnaphthalene
 Concen: 39.15 ng
 RT: 12.53 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	88.4	70.2	105.2
115	48.0	41.7	62.5

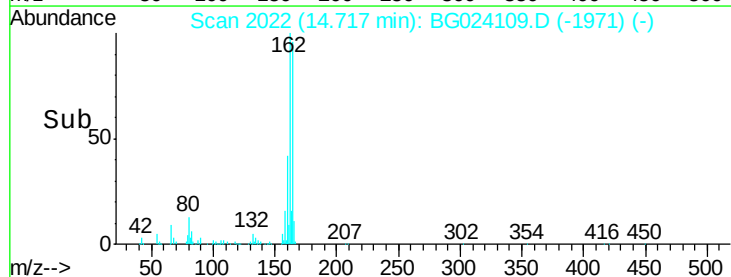
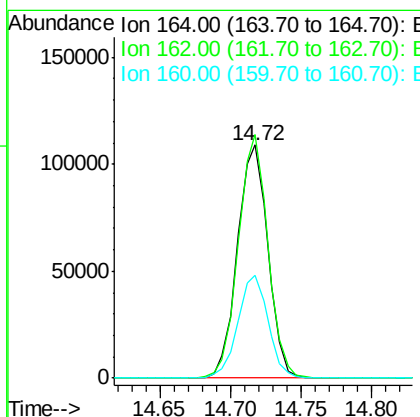
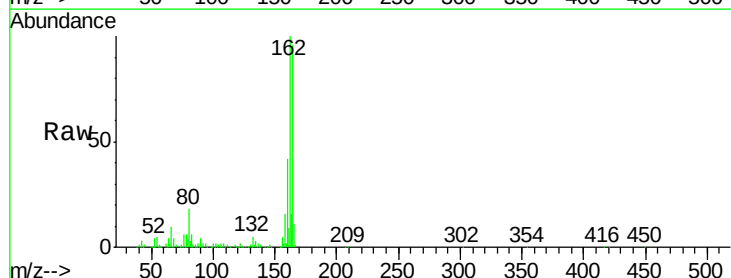
Manual Integrations
 APPROVED

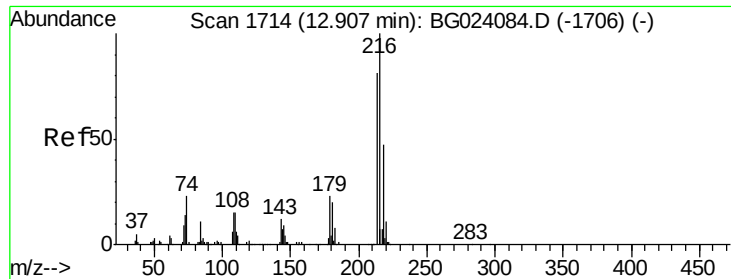
sohil
 9/26/2016 6:41:05 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	104.5	87.7	131.5
160	44.2	37.2	55.8





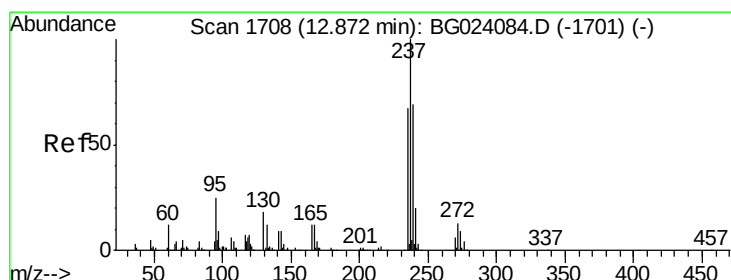
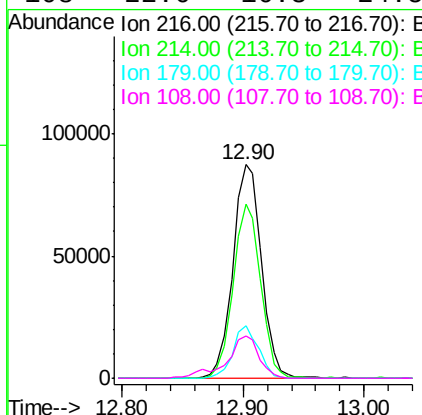
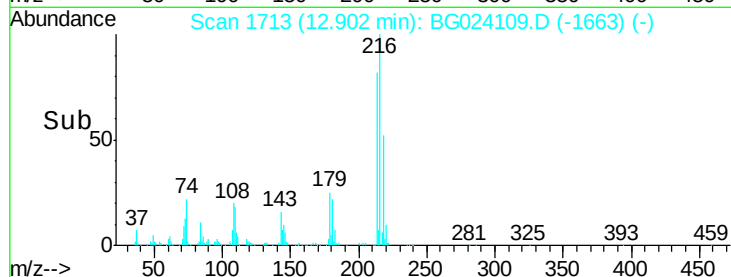
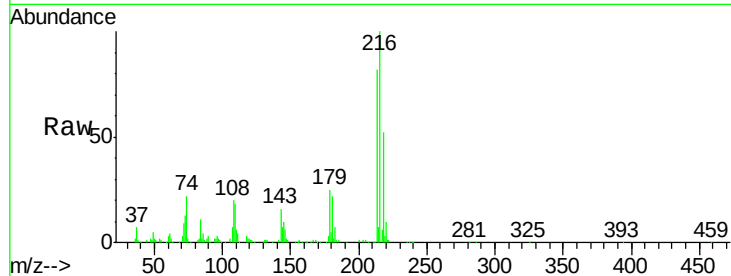
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.18 ng
 RT: 12.90 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampled :
 PB93571BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	144369		
214	78.4	62.9	94.3	
179	21.9	17.2	25.8	
108	22.6	16.3	24.5	

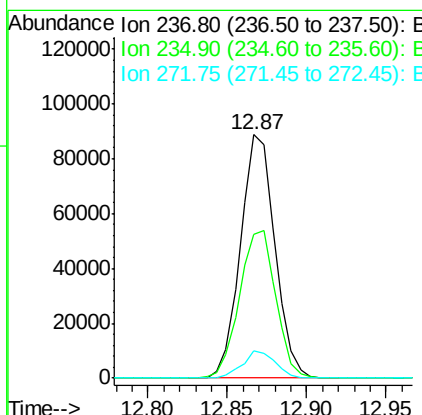
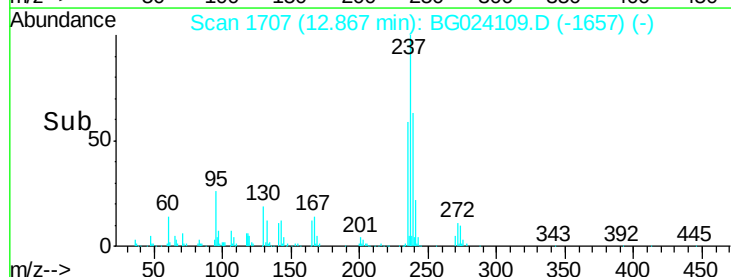
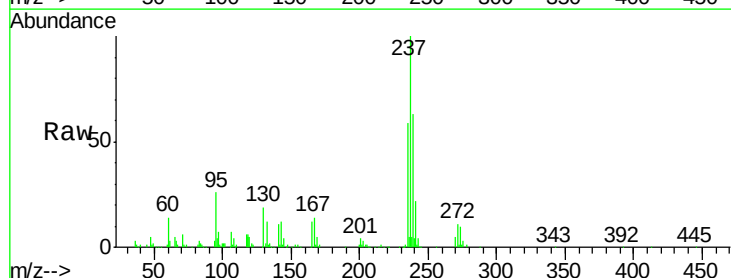
Manual Integrations
 APPROVED

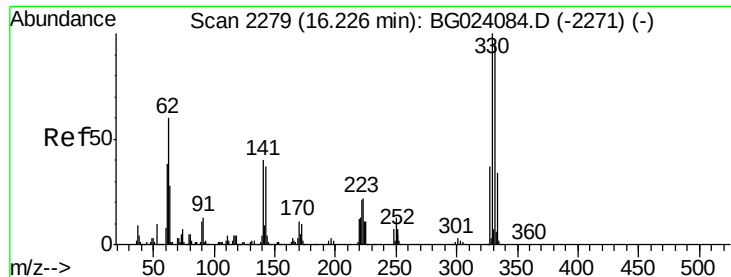
sohil
 9/26/2016 6:41:05 PM



#40
 Hexachlorocyclopentadiene
 Concen: 63.09 ng
 RT: 12.87 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	133531		
235	59.2	43.1	83.1	
272	11.2	0.0	30.9	





#41

2,4,6-Tribromophenol

Concen: 112.71 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

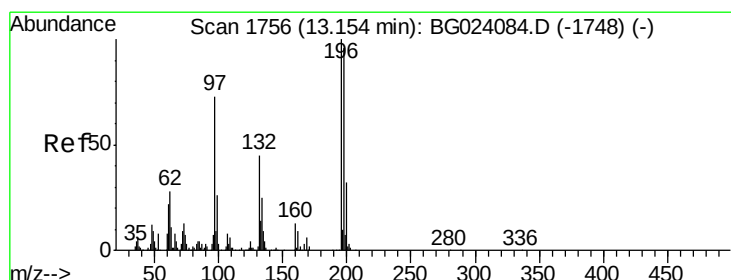
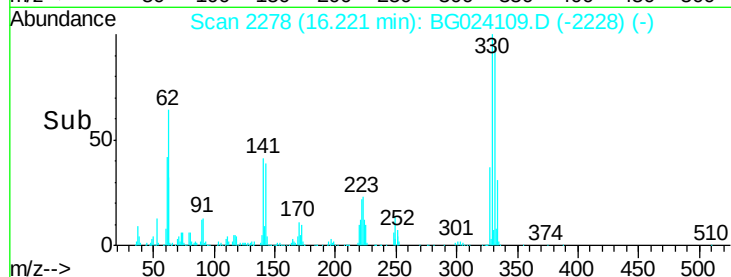
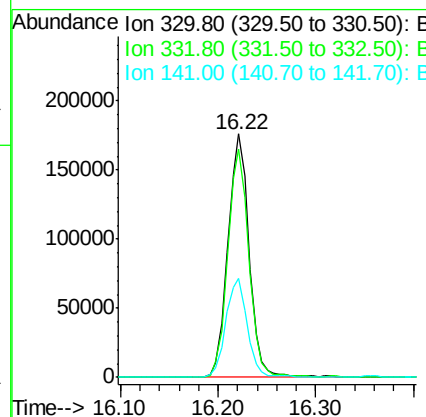
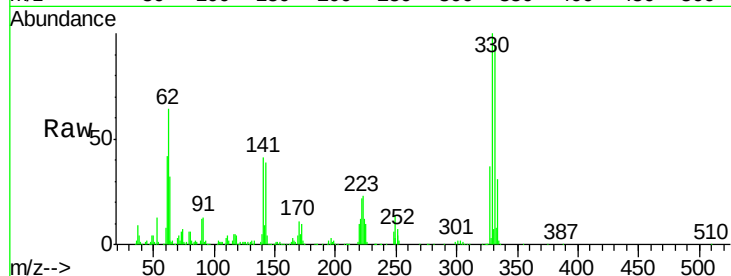
ClientSampleId :

PB93571BS

Tgt Ion:	330	Resp:	265461
Ion Ratio	Lower	Upper	
330	100		
332	93.1	77.4	116.2
141	40.9	31.7	47.5

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



#42

2,4,6-Trichlorophenol

Concen: 38.19 ng

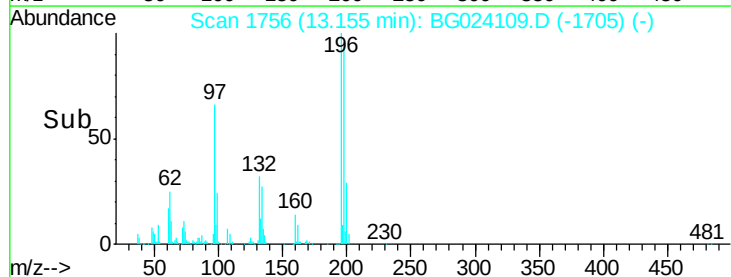
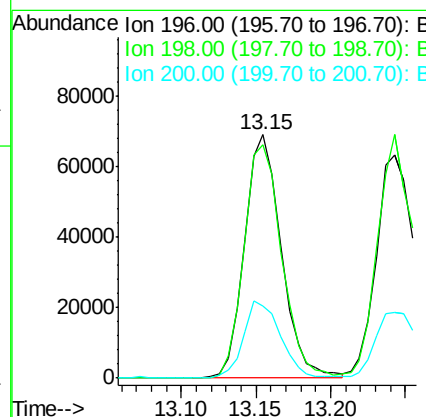
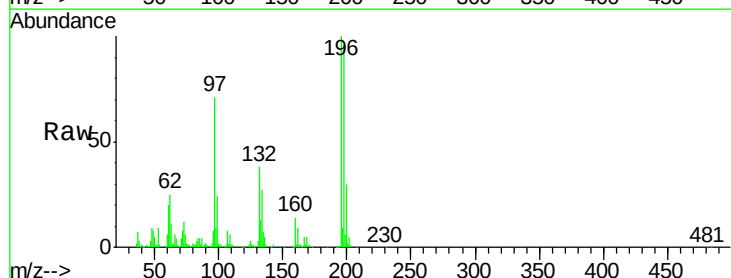
RT: 13.15 min Scan# 1756

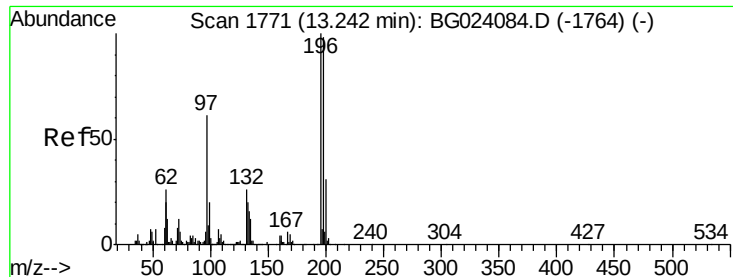
Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion:	196	Resp:	118138
Ion Ratio	Lower	Upper	
196	100		
198	95.8	78.2	117.2
200	29.6	27.0	40.4





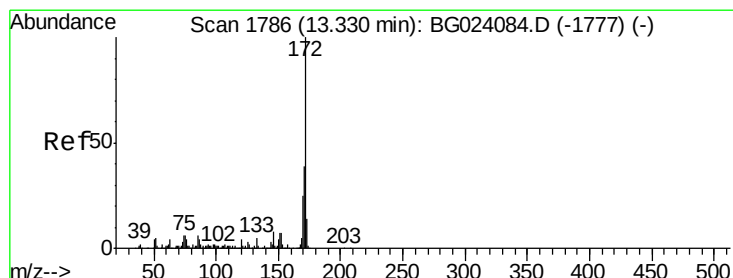
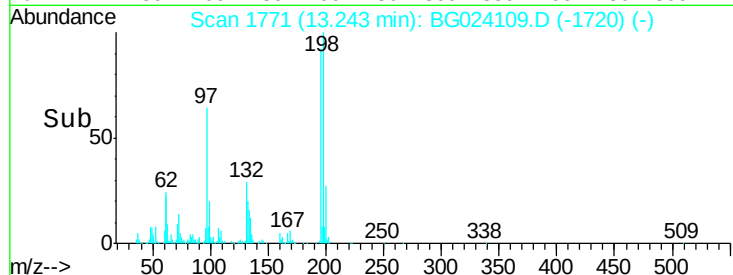
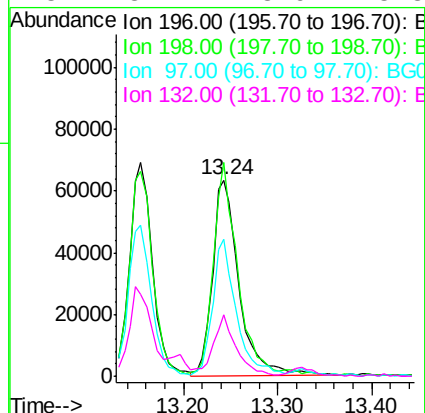
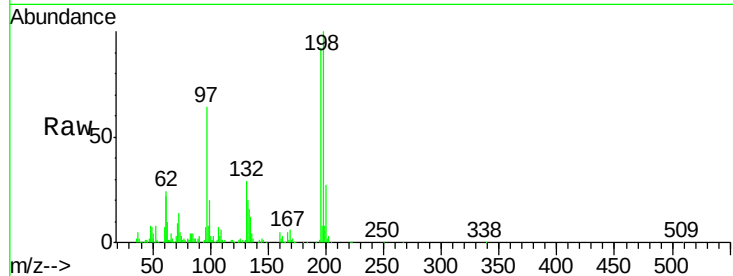
#43
 2,4,5-Trichlorophenol
 Concen: 39.26 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampled :
 PB93571BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	124965		
198	108.9	85.7	128.5	
97	69.9	45.5	68.3#	
132	31.2	18.9	28.3#	

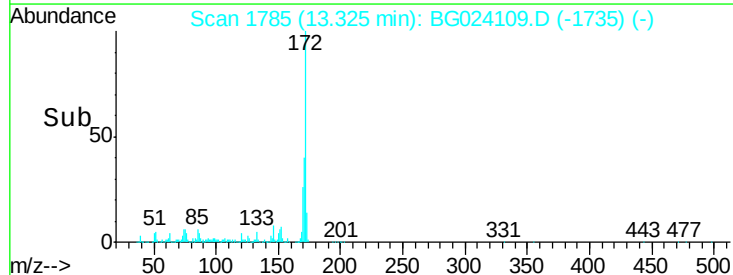
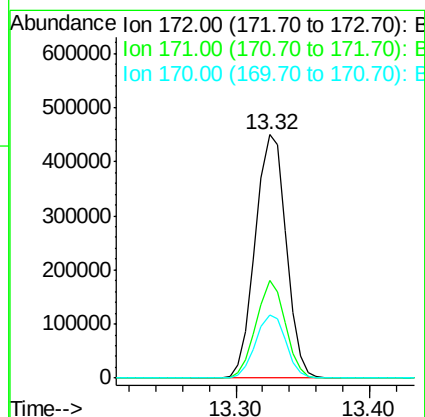
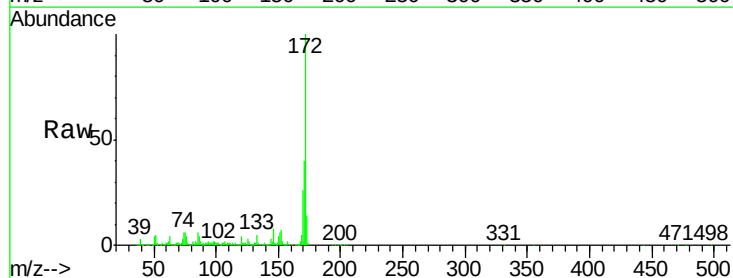
Manual Integrations
 APPROVED

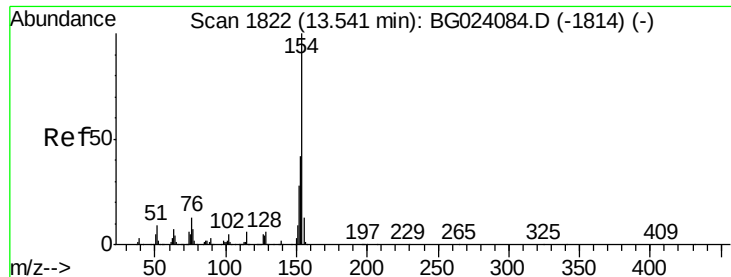
sohil
 9/26/2016 6:41:05 PM



#44
 2-Fluorobiphenyl
 Concen: 73.51 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	716538		
171	40.1	31.6	47.4	
170	26.0	21.3	31.9	





#45

1,1'-Biphenyl

Concen: 32.00 ng

RT: 13.54 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

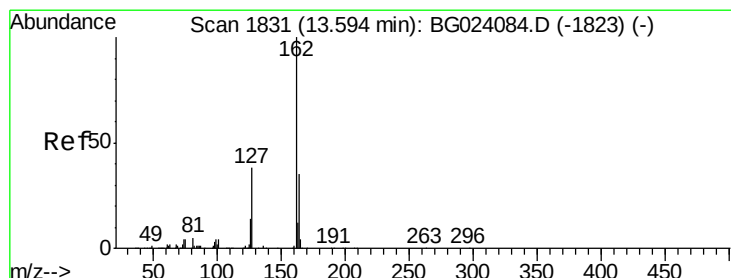
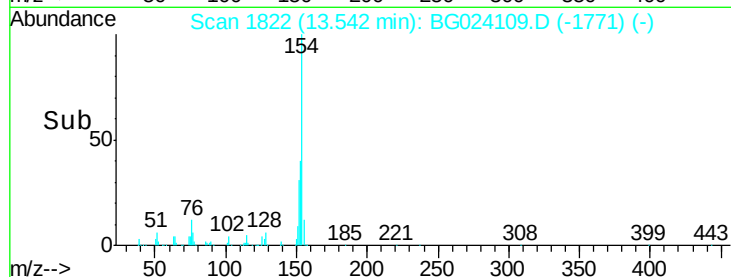
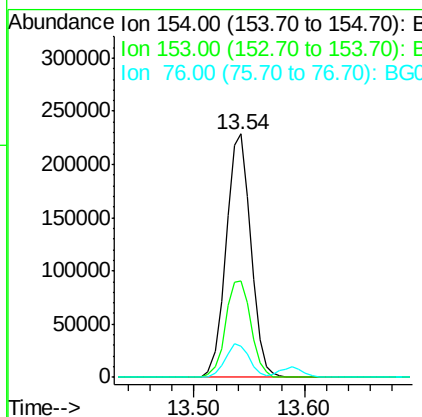
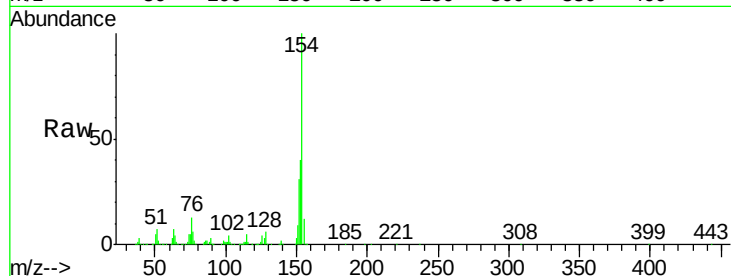
ClientSampleId :

PB93571BS

Tgt Ion:	154	Resp:	358521
Ion Ratio	Lower	Upper	
154	100		
153	39.6	20.2	60.2
76	12.8	0.0	32.9

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



#46

2-Chloronaphthalene

Concen: 37.50 ng

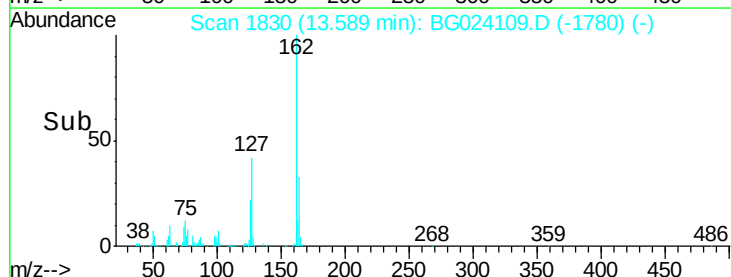
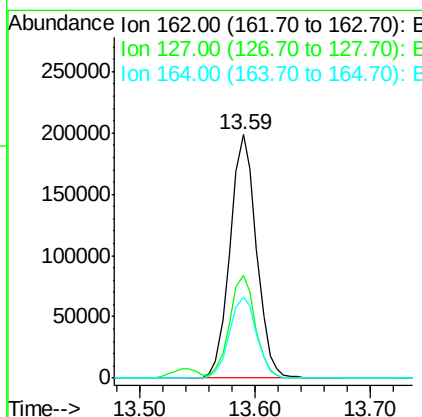
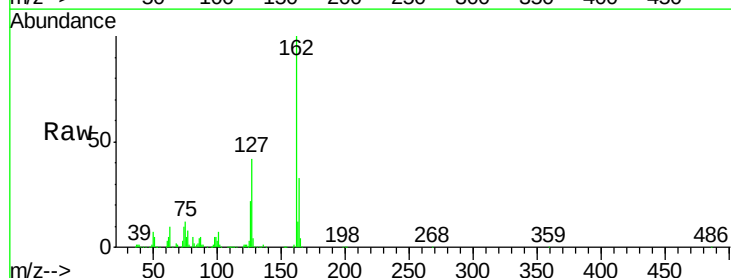
RT: 13.59 min Scan# 1830

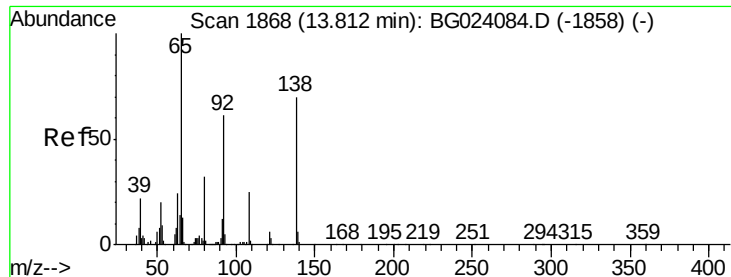
Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion:	162	Resp:	313742
Ion Ratio	Lower	Upper	
162	100		
127	42.2	32.4	48.6
164	33.1	25.2	37.8





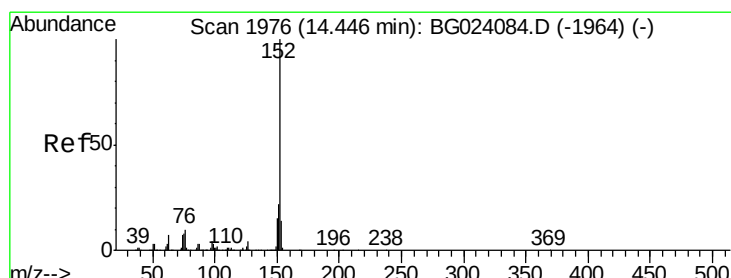
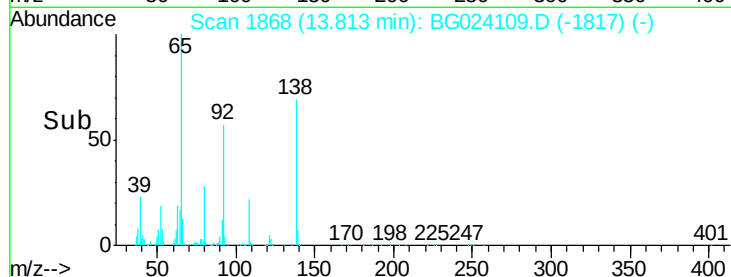
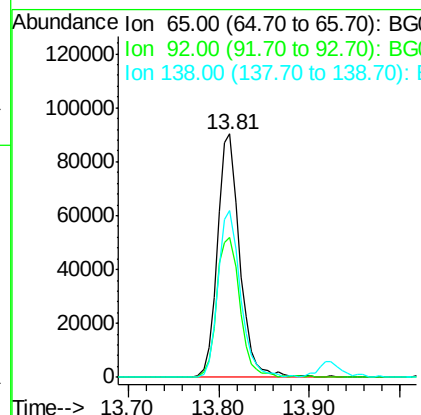
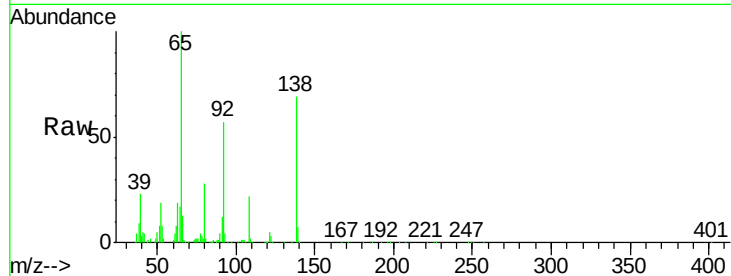
#47
 2-Nitroaniline
 Concen: 39.45 ng
 RT: 13.81 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.4	49.4	74.0
138	68.6	58.0	87.0

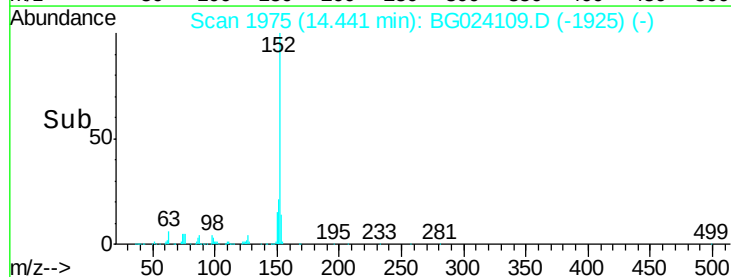
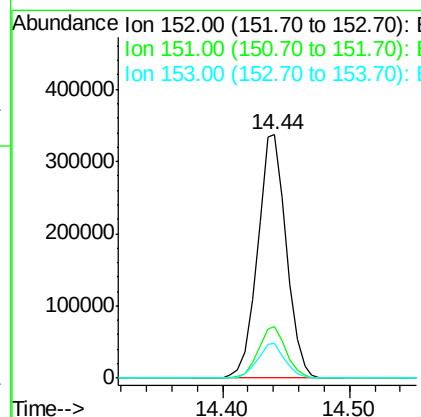
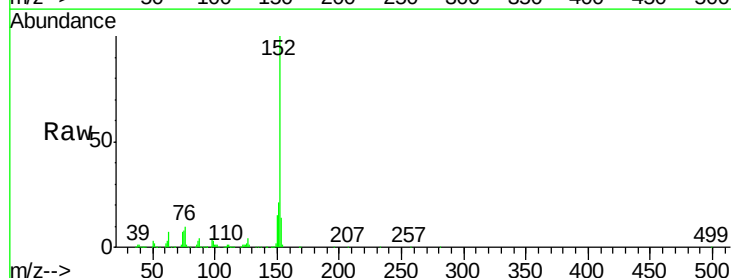
Manual Integrations
 APPROVED

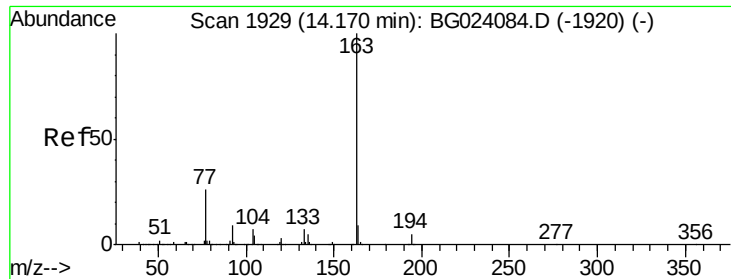
sohil
 9/26/2016 6:41:05 PM



#48
 Acenaphthylene
 Concen: 37.38 ng
 RT: 14.44 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.6	26.4
153	14.2	11.4	17.2





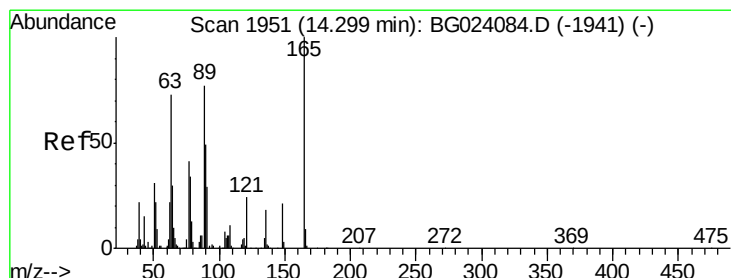
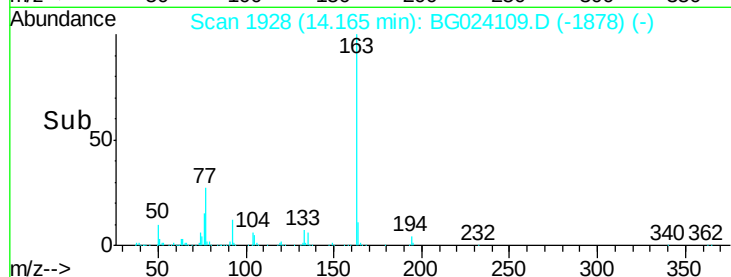
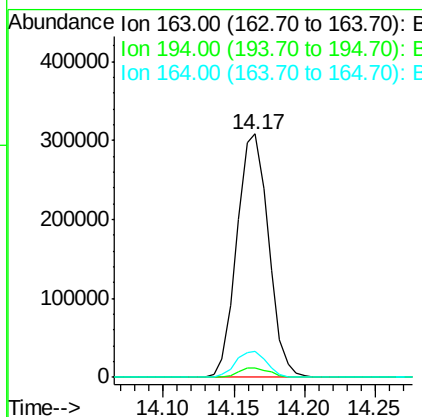
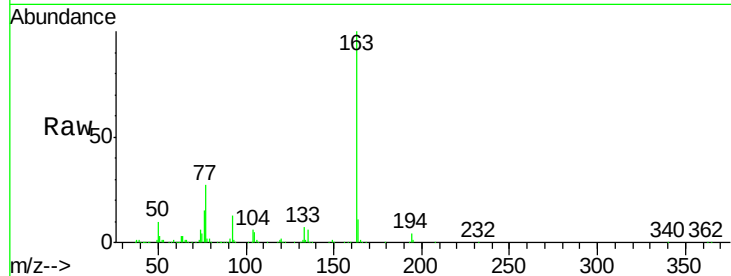
#49
Dimethylphthalate
Concen: 38.52 ng
RT: 14.17 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	484206		
194	3.7		3.6	5.4
164	10.7		8.1	12.1

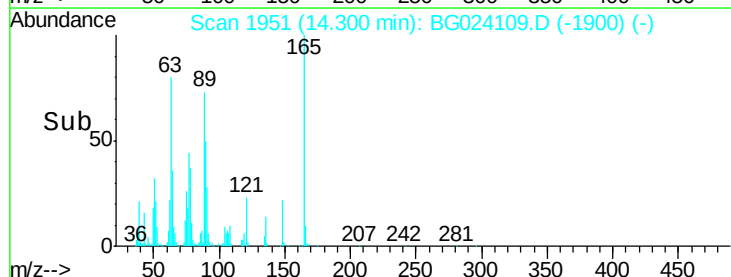
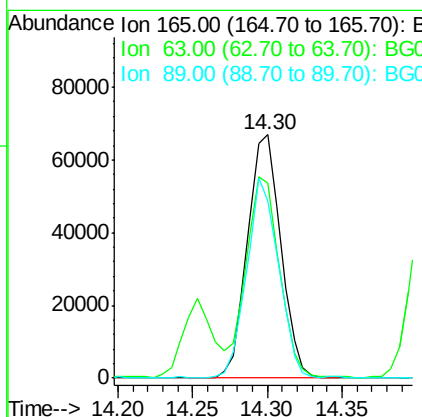
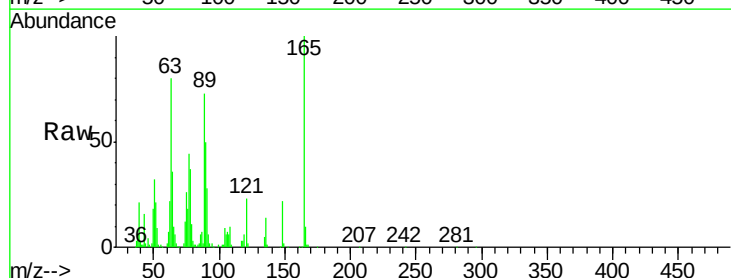
Manual Integrations
APPROVED

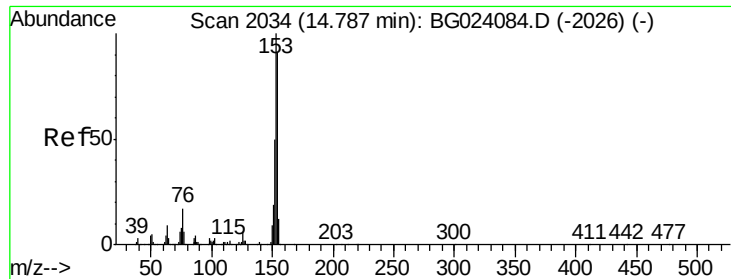
sohil
9/26/2016 6:41:05 PM



#50
2,6-Dinitrotoluene
Concen: 39.12 ng
RT: 14.30 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	103292		
63	80.3		64.3	96.5
89	73.0		64.3	96.5





#51

Acenaphthene

Concen: 38.50 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

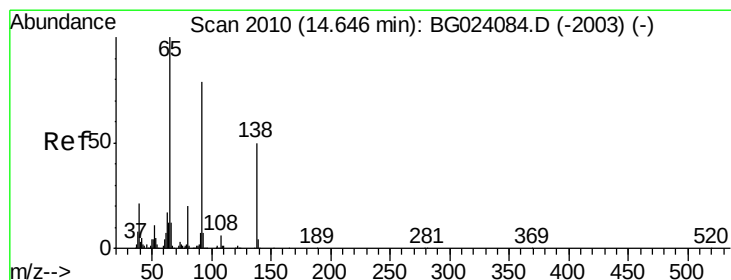
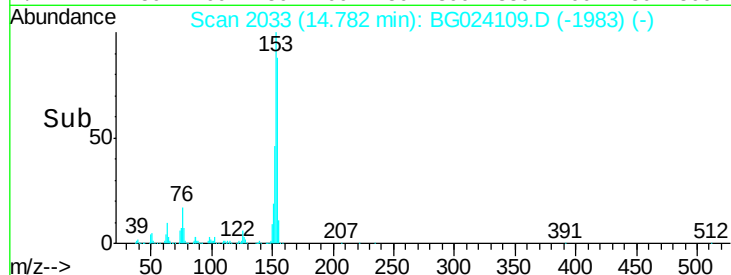
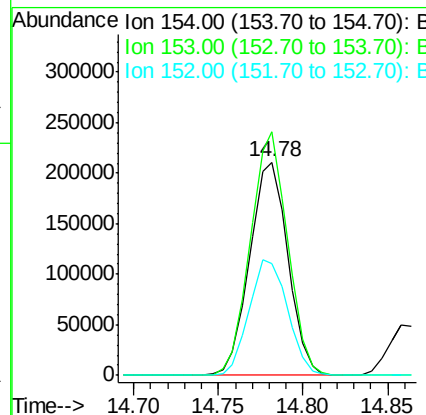
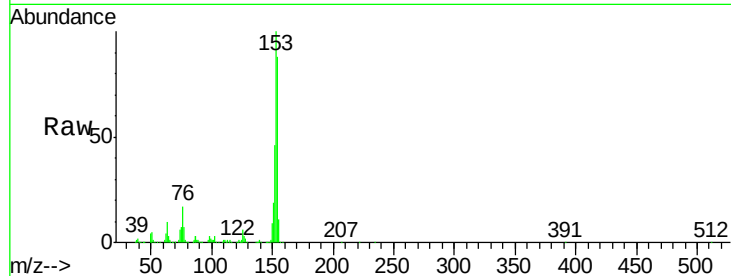
ClientSampleId :

PB93571BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	331640		
153	114.0	87.5	131.3	
152	52.4	42.7	64.1	

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



#52

3-Nitroaniline

Concen: 17.04 ng

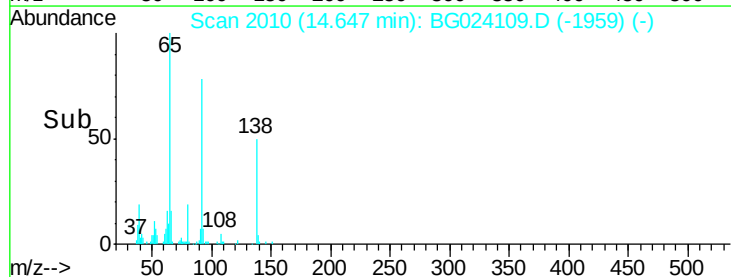
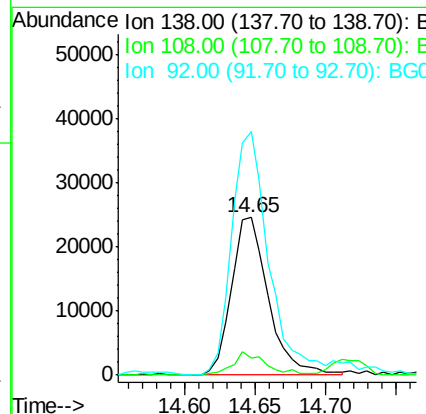
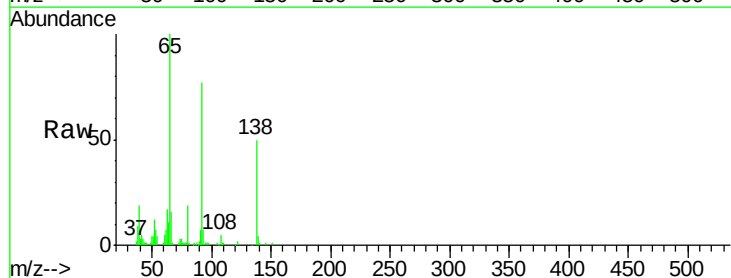
RT: 14.65 min Scan# 2010

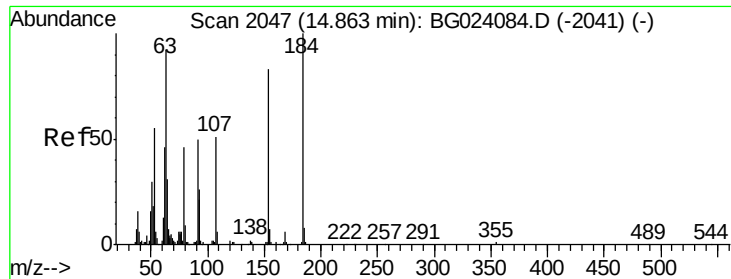
Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	44924		
108	10.7	11.7	17.5#	
92	154.8	129.7	194.5	





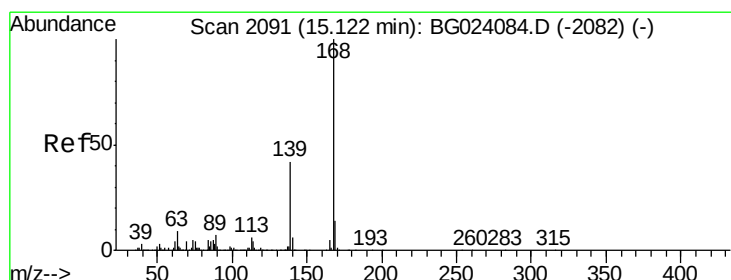
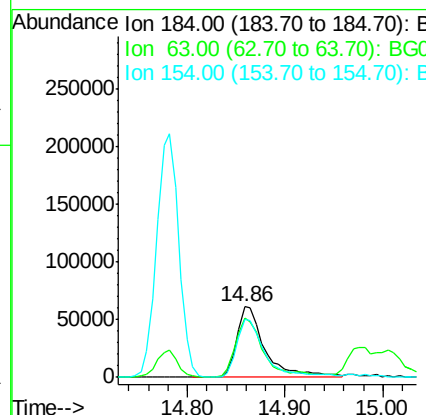
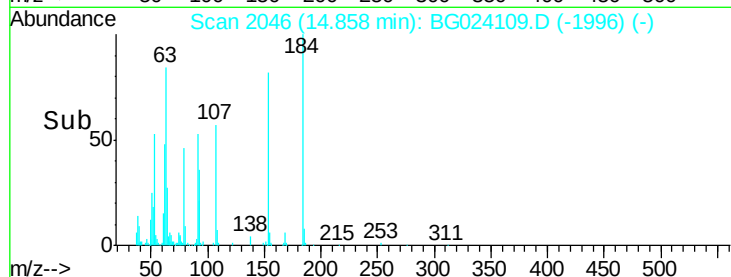
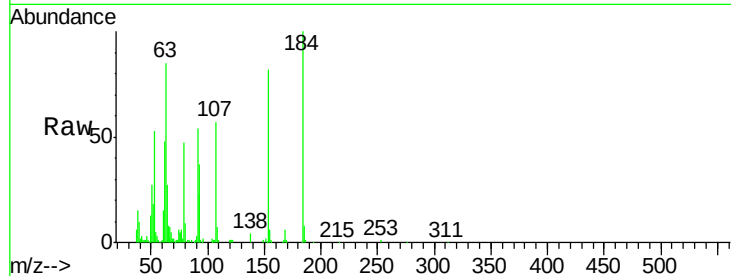
#53
2,4-Dinitrophenol
Concen: 67.54 ng
RT: 14.86 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampled :
PB93571BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	123893		
63	84.6	59.6	89.4	
154	81.6	67.4	101.0	

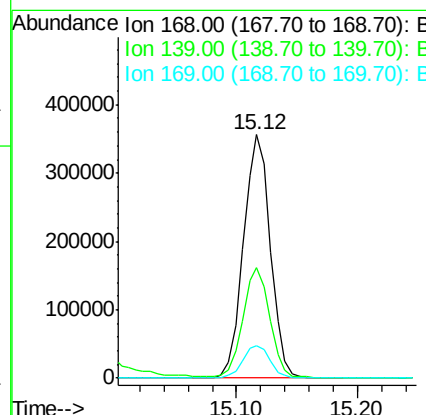
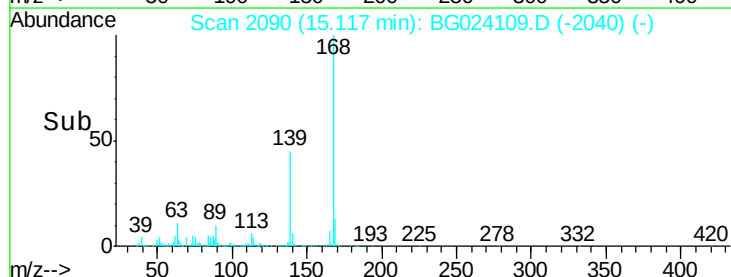
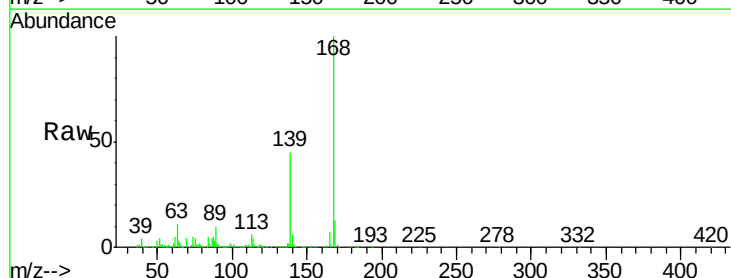
Manual Integrations
APPROVED

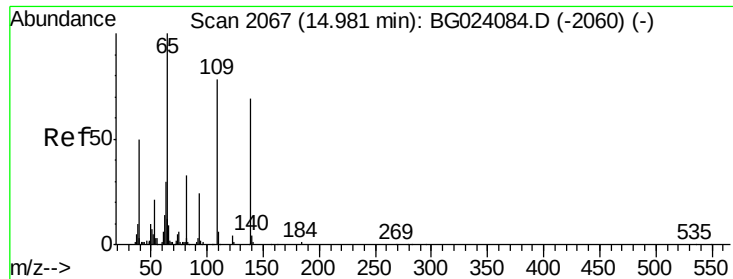
sohil
9/26/2016 6:41:05 PM



#54
Dibenzofuran
Concen: 41.09 ng
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	551097		
139	45.3	36.4	54.6	
169	13.2	11.9	17.9	





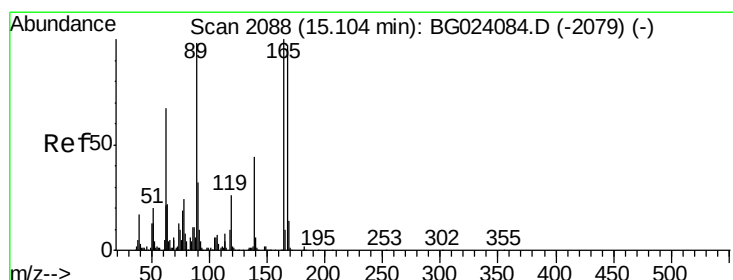
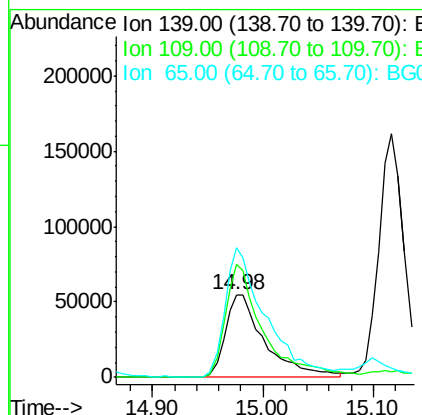
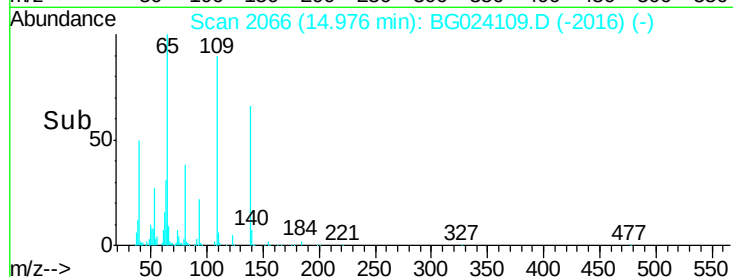
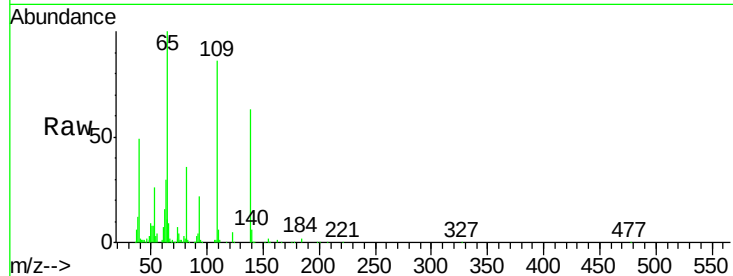
#55
4-Nitrophenol
Concen: 66.50 ng
RT: 14.98 min Scan# 2066
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	137224		
109	136.5	103.0	143.0	
65	158.1	112.7	152.7	

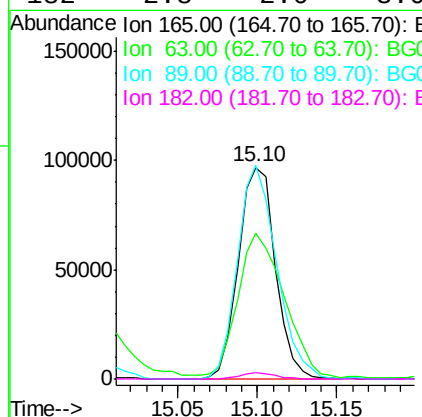
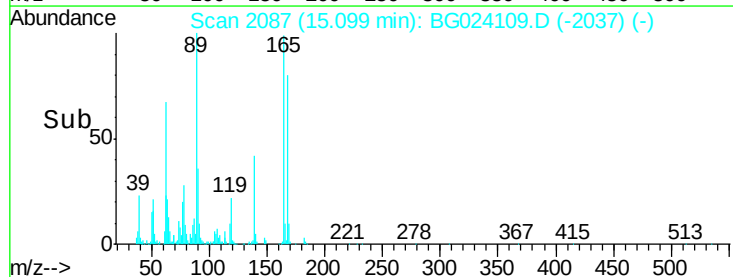
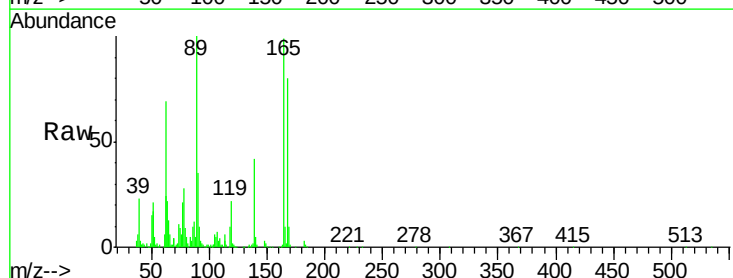
Manual Integrations
APPROVED

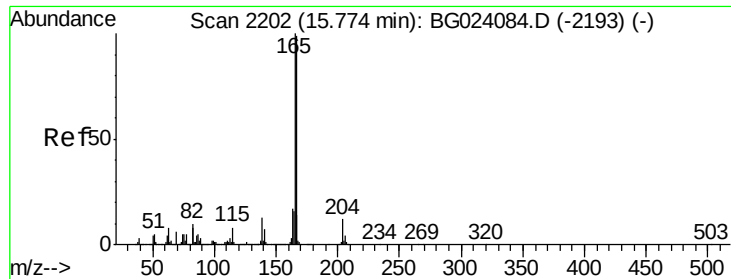
sohil
9/26/2016 6:41:05 PM



#56
2,4-Dinitrotoluene
Concen: 38.88 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	156232		
63	69.1	45.8	68.6	
89	100.9	68.6	102.8	
182	2.8	2.0	3.0	





#57

Fluorene

Concen: 39.20 ng

RT: 15.77 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

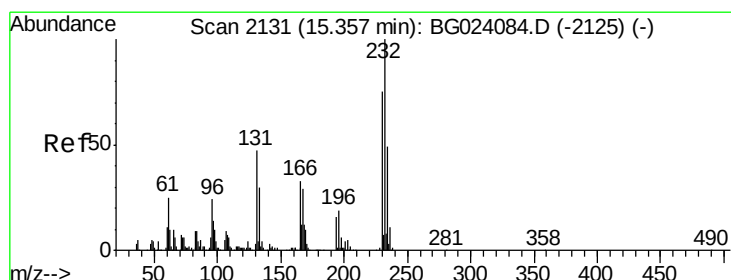
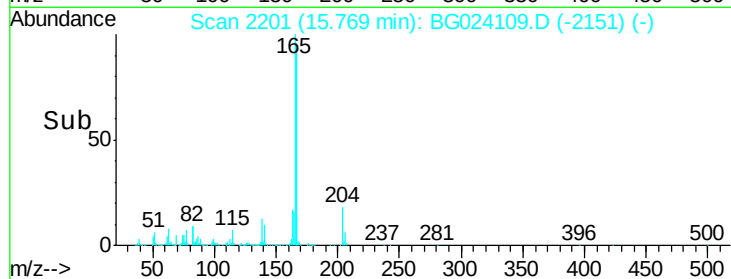
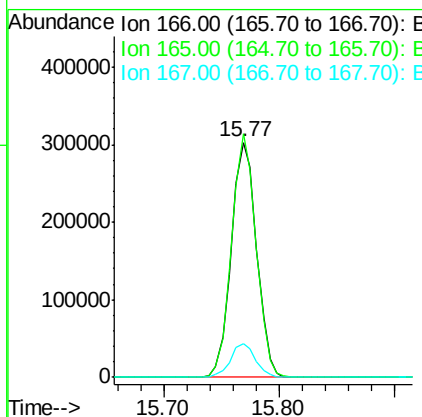
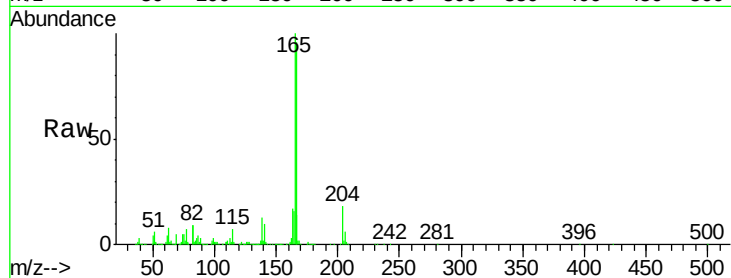
ClientSampleId :

PB93571BS

Tgt Ion:	166	Resp:	457605
Ion Ratio	Lower	Upper	
166	100		
165	103.7	81.0	121.6
167	14.3	12.0	18.0

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.35 ng

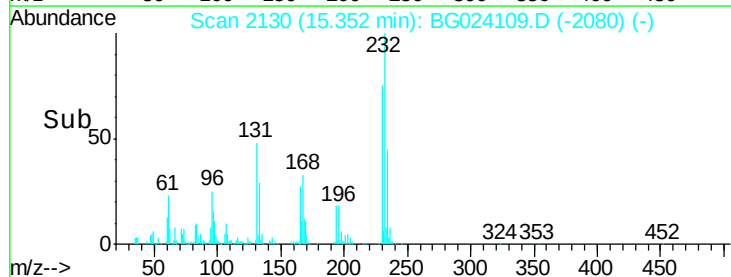
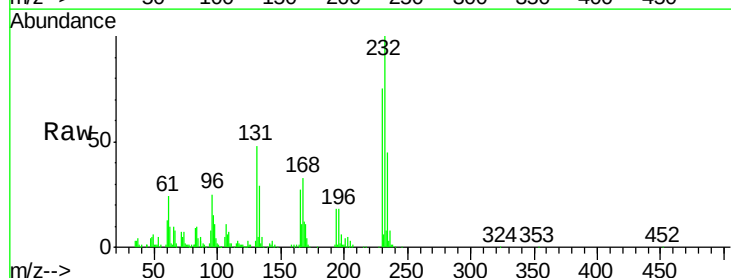
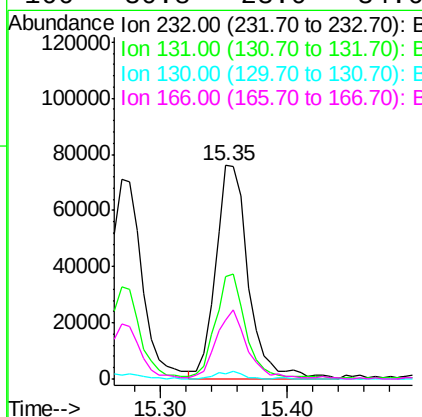
RT: 15.35 min Scan# 2130

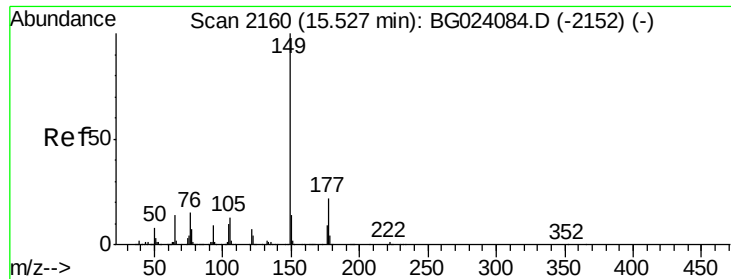
Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion:	232	Resp:	136343
Ion Ratio	Lower	Upper	
232	100		
131	46.9	32.7	49.1
130	3.0	2.6	3.8
166	30.8	23.0	34.6





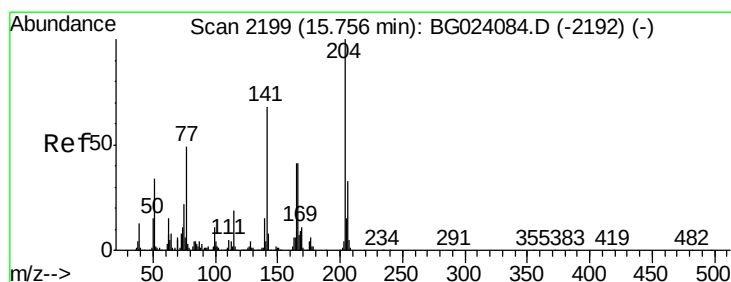
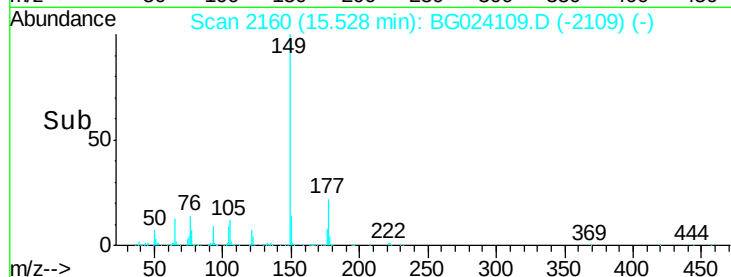
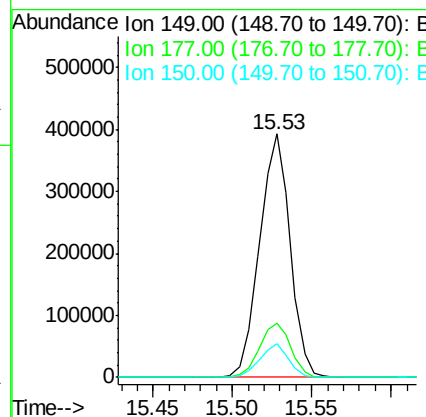
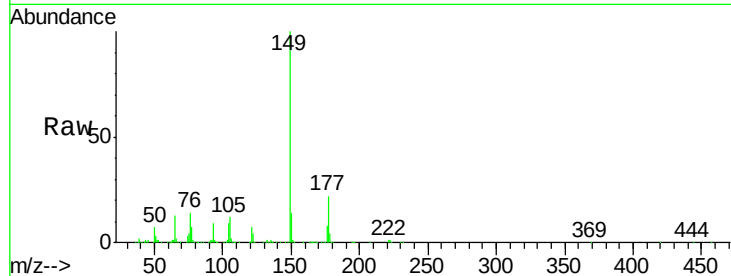
#59
 Diethylphthalate
 Concen: 38.82 ng
 RT: 15.53 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.4	19.2	28.8
150	13.6	10.6	16.0

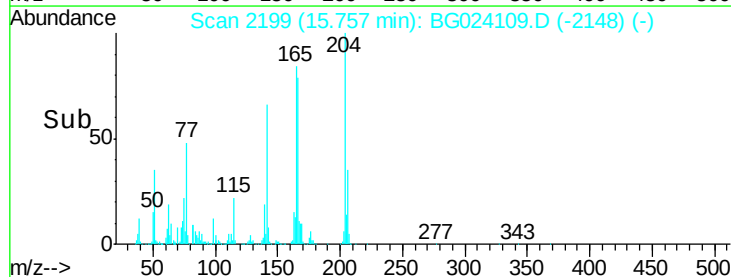
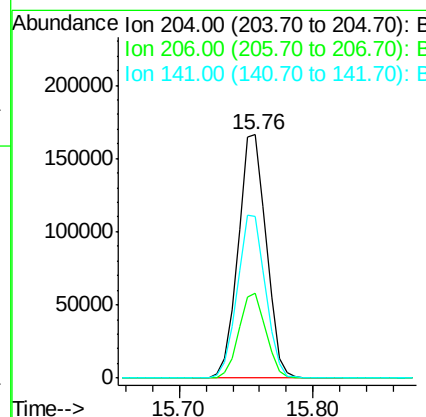
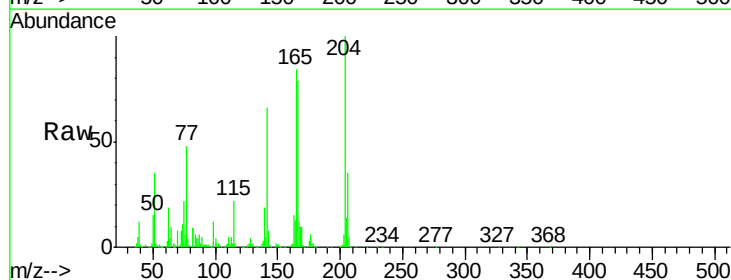
Manual Integrations
 APPROVED

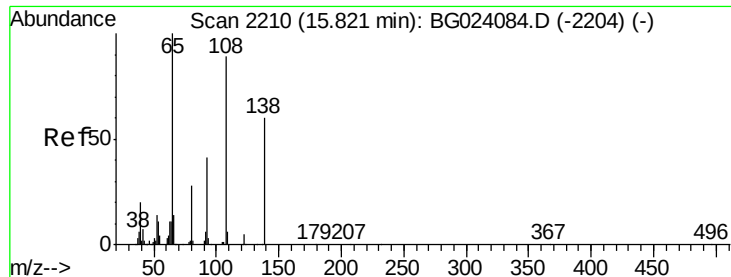
sohil
 9/26/2016 6:41:05 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 38.88 ng
 RT: 15.76 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.6	28.5	42.7
141	66.3	51.4	77.0





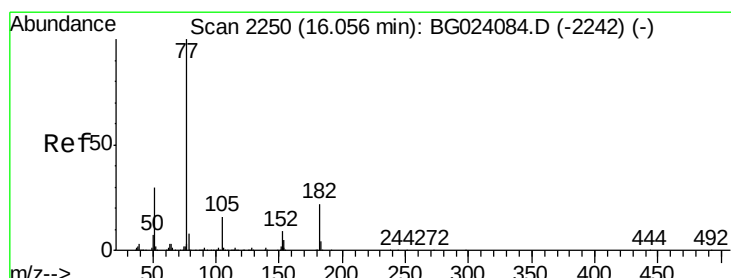
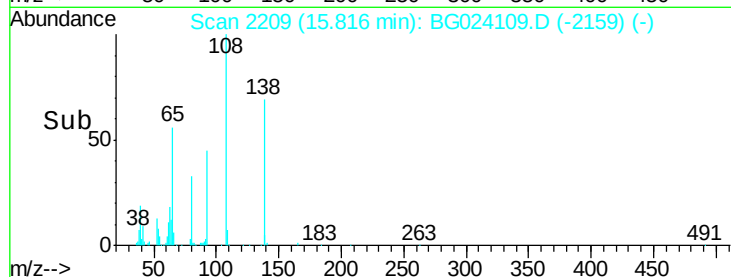
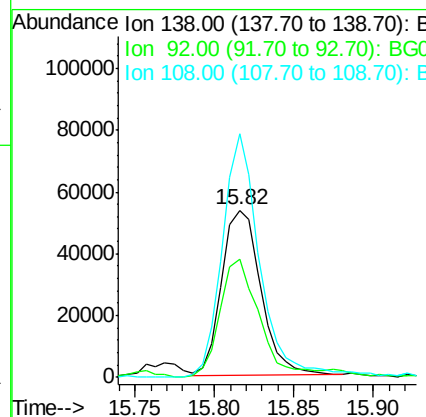
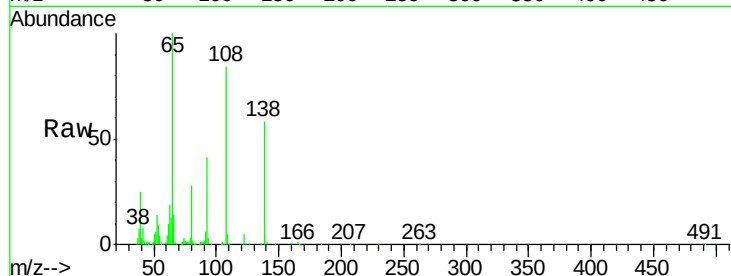
#61
4-Nitroaniline
Concen: 33.76 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampled :
PB93571BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	92223		
92	70.4	54.1	94.1	
108	145.4	133.9	173.9	

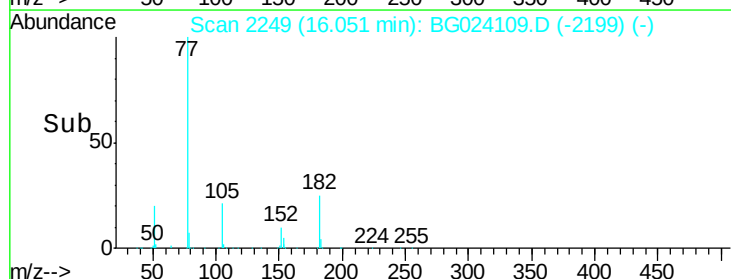
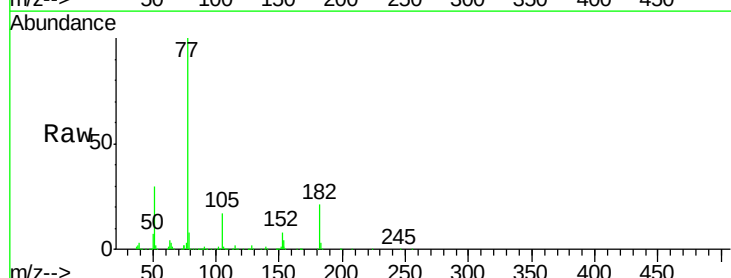
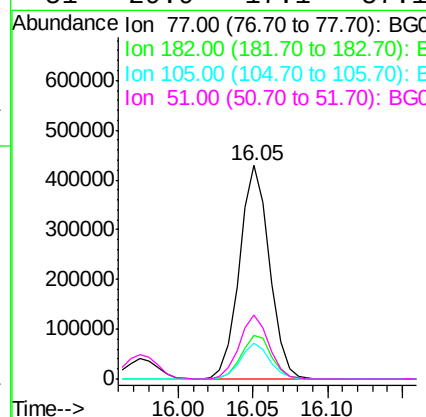
Manual Integrations
APPROVED

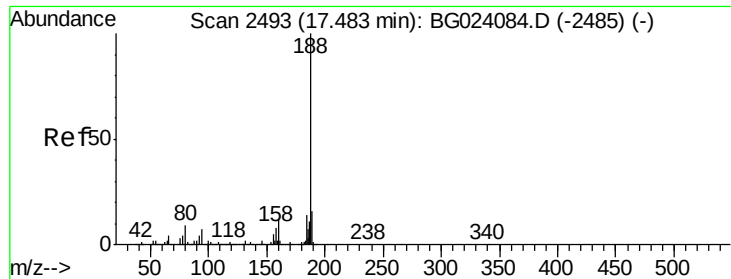
sohil
9/26/2016 6:41:05 PM



#62
Azobenzene
Concen: 43.41 ng
RT: 16.05 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	597062		
182	20.5	3.5	43.5	
105	17.1	0.0	38.5	
51	29.9	17.1	57.1	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

Tgt Ion:188 Resp: 381835

Ion Ratio Lower Upper

188 100

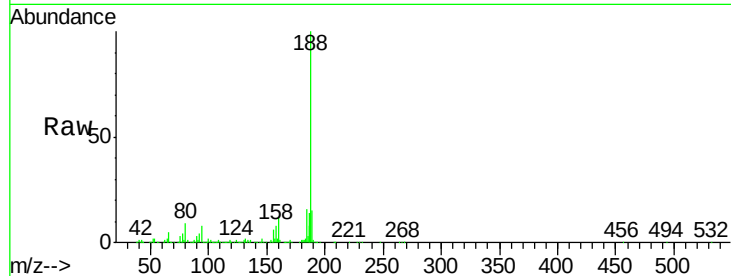
94 8.1 5.2 7.8#

80 8.6 7.2 10.8

Manual Integrations
APPROVED

sohil

9/26/2016 6:41:05 PM

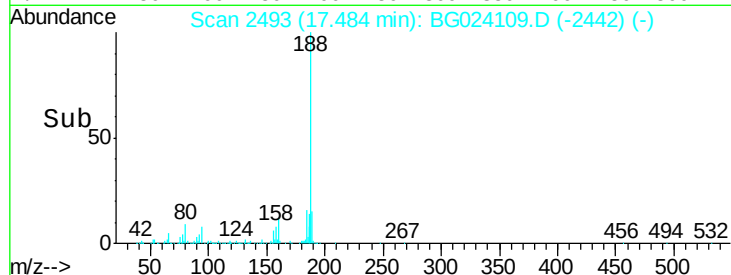


Abundance Ion 188.00 (187.70 to 188.70): E

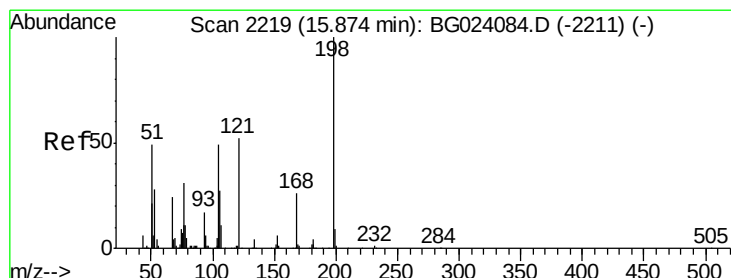
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 34.67 ng

RT: 15.87 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

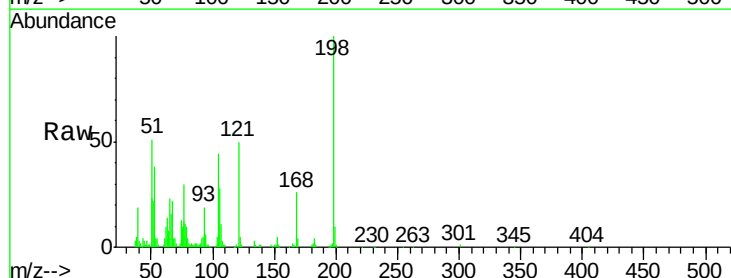
Tgt Ion:198 Resp: 91927

Ion Ratio Lower Upper

198 100

51 51.5 26.0 66.0

105 43.9 20.1 60.1

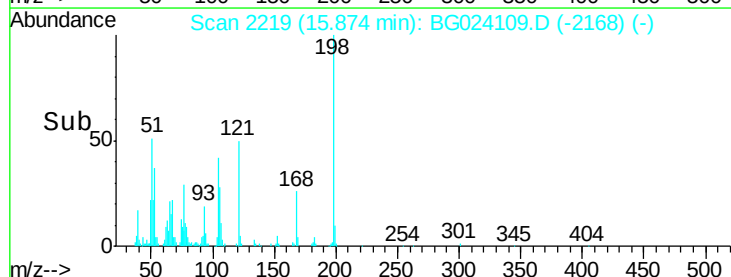


Abundance Ion 198.00 (197.70 to 198.70): E

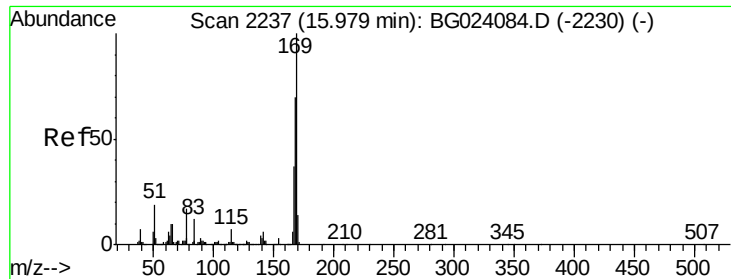
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#65

n-Nitrosodiphenylamine

Concen: 40.70 ng

RT: 15.97 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

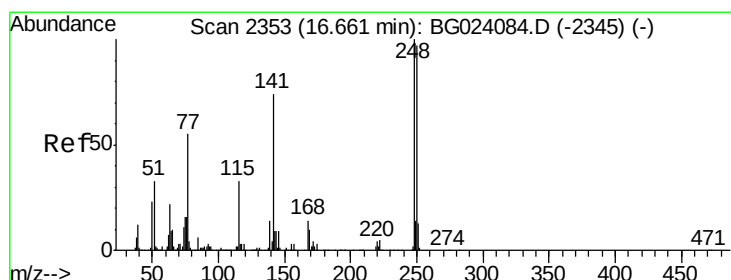
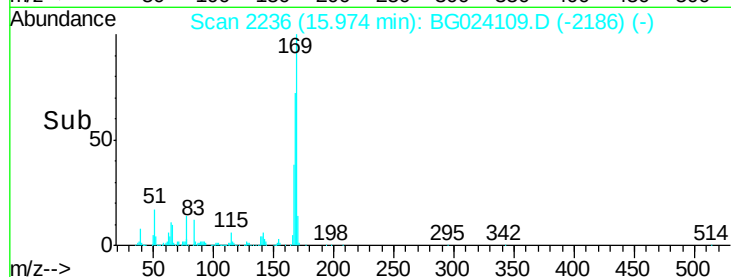
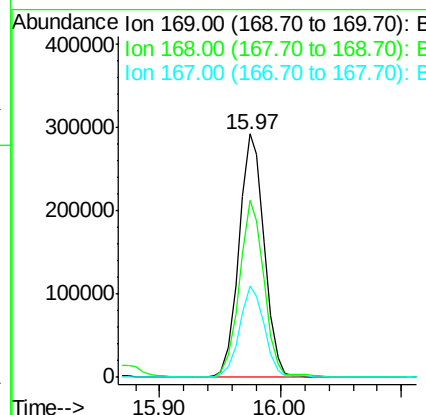
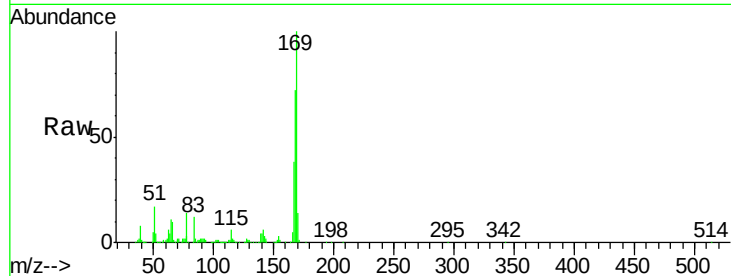
ClientSampleId :

PB93571BS

Tgt Ion:	169	Resp:	425155
Ion Ratio	Lower	Upper	
169	100		
168	72.5	55.0	82.4
167	37.6	27.4	41.0

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



#66

4-Bromophenyl-phenylether

Concen: 39.03 ng

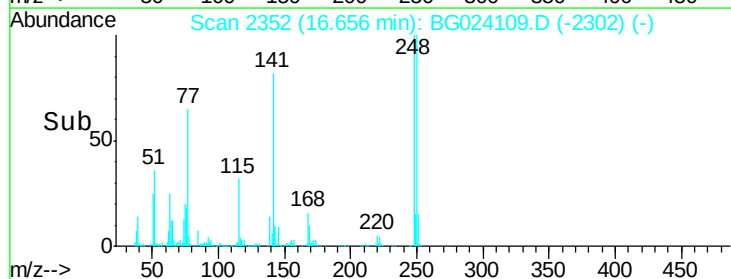
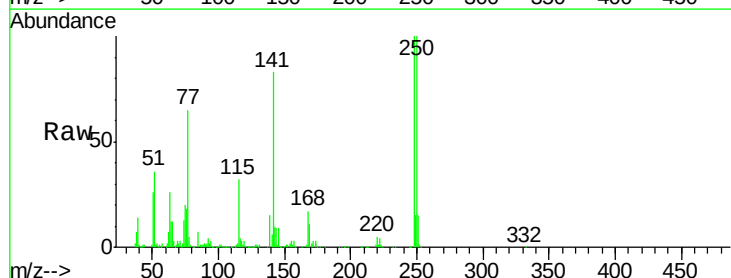
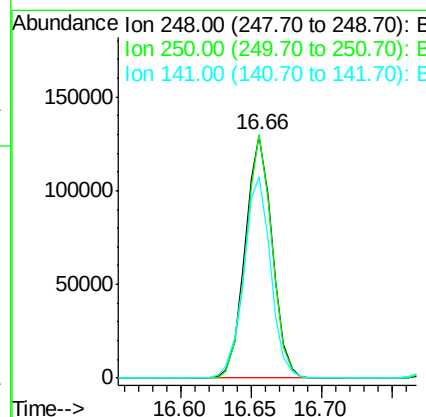
RT: 16.66 min Scan# 2352

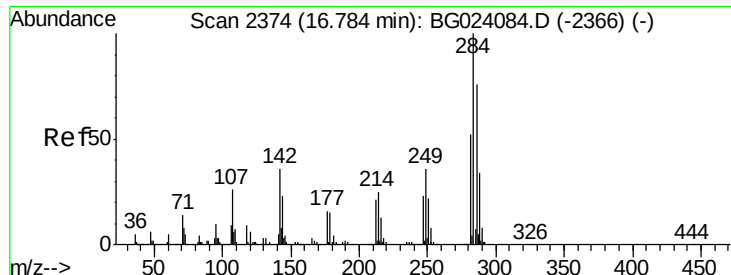
Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion:	248	Resp:	172874
Ion Ratio	Lower	Upper	
248	100		
250	100.3	77.8	116.8
141	83.0	65.7	98.5





#67

Hexachlorobenzene

Concen: 37.30 ng

RT: 16.79 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

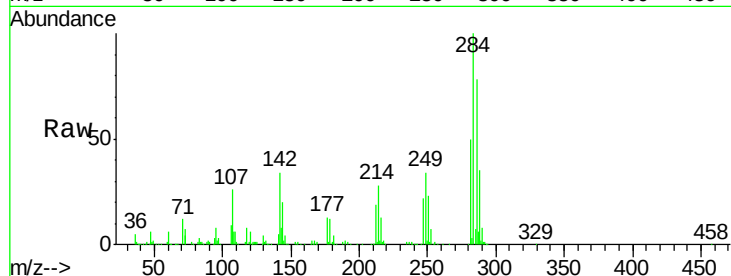
ClientSampleId :

PB93571BS

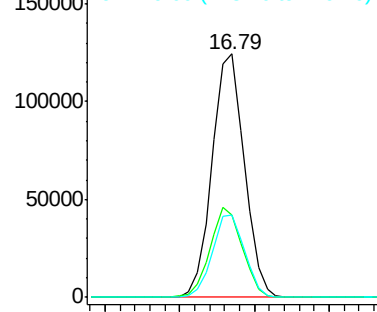
Tgt Ion:	284	Resp:	186160
Ion Ratio		Lower	Upper
284	100		
142	34.1	26.8	40.2
249	33.8	28.9	43.3

Manual Integrations
APPROVED

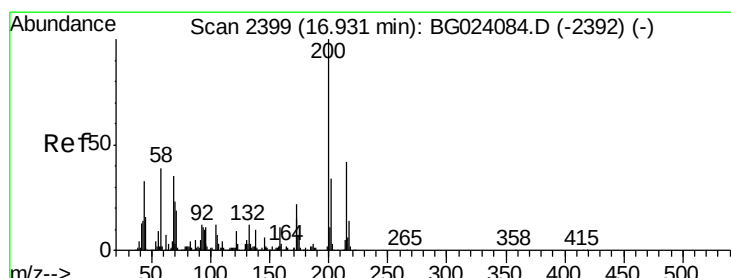
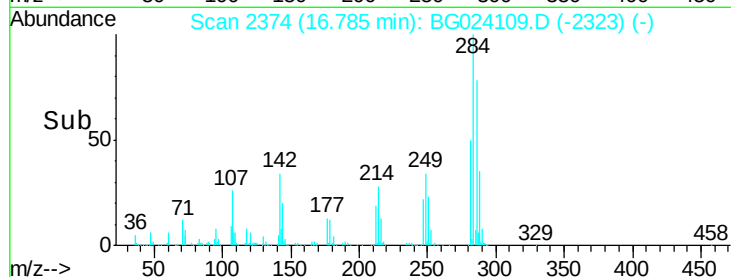
sohil
9/26/2016 6:41:05 PM



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



Time--> 16.70 16.75 16.80 16.85



#68

Atrazine

Concen: 38.43 ng

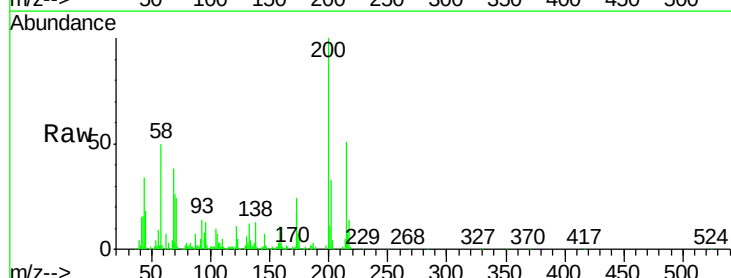
RT: 16.93 min Scan# 2398

Delta R.T. -0.00 min

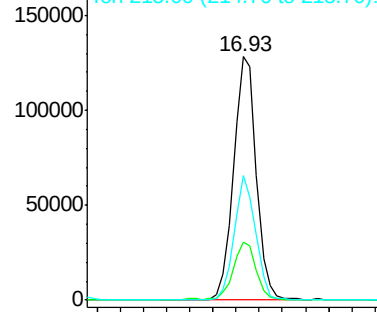
Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

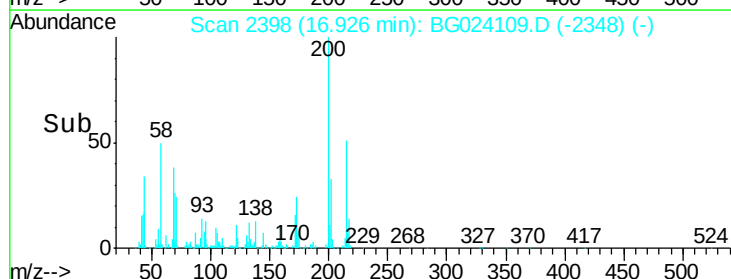
Tgt Ion:	200	Resp:	177190
Ion Ratio		Lower	Upper
200	100		
173	23.9	1.6	41.6
215	51.1	28.7	68.7

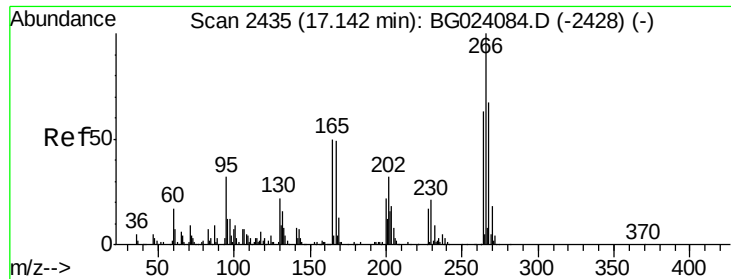


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



Time--> 16.80 16.90 17.00





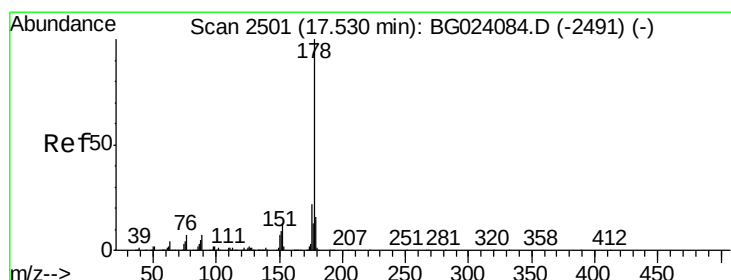
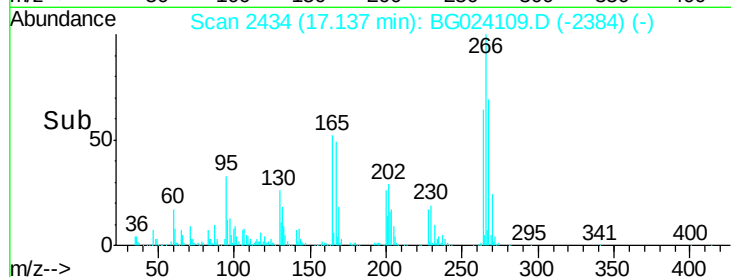
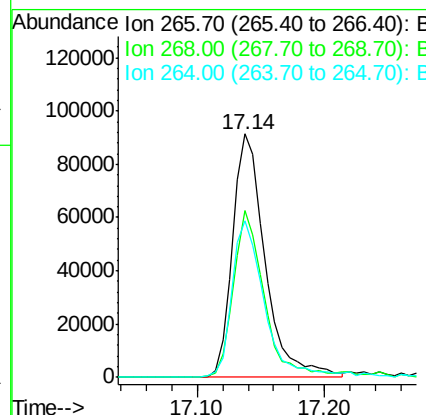
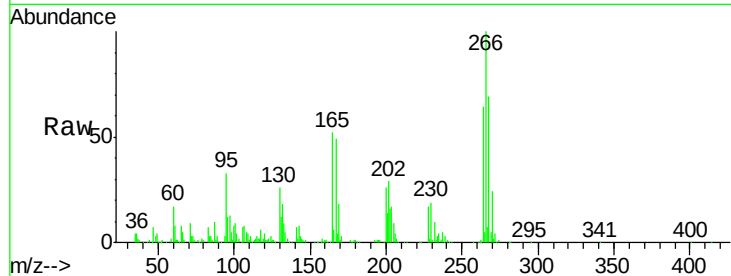
#69
 Pentachlorophenol
 Concen: 63.44 ng
 RT: 17.14 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	162078		
268	68.6	51.9	77.9	
264	64.3	50.6	75.8	

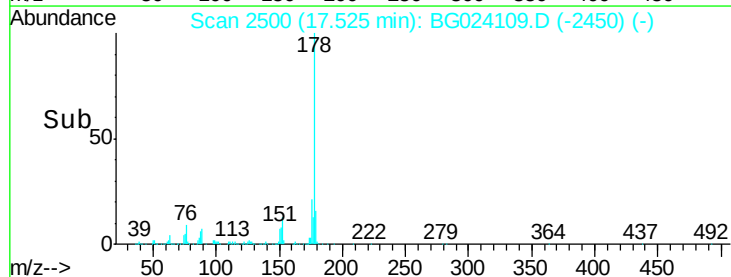
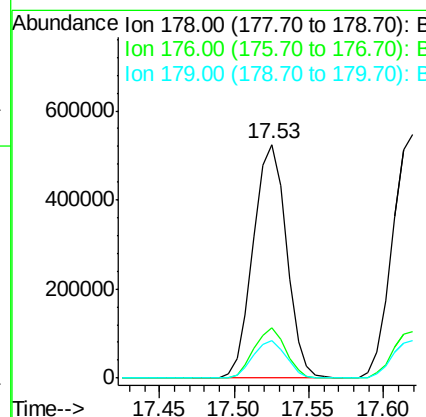
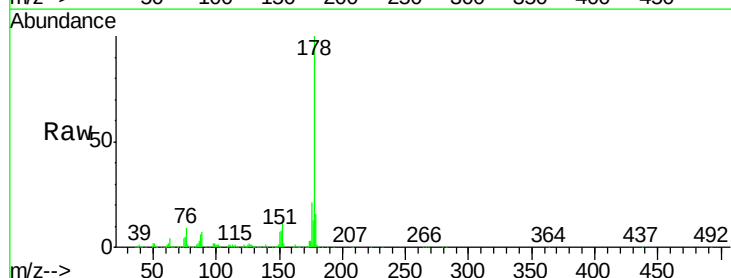
Manual Integrations
 APPROVED

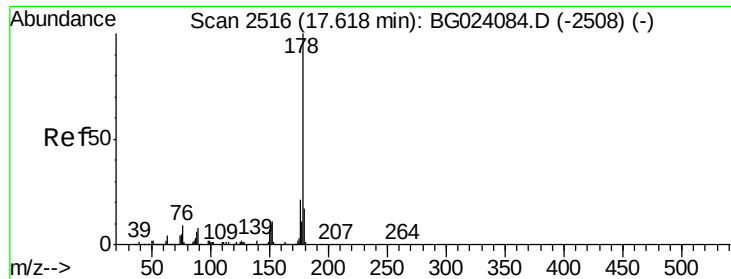
sohil
 9/26/2016 6:41:05 PM



#70
 Phenanthrene
 Concen: 41.50 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	807088		
176	21.4	16.8	25.2	
179	16.2	14.3	21.5	





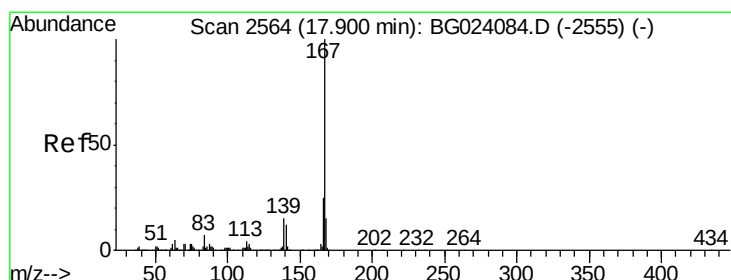
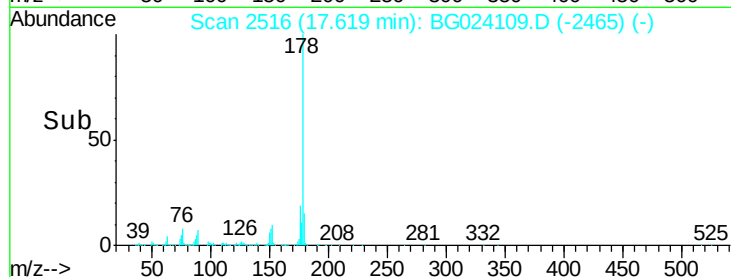
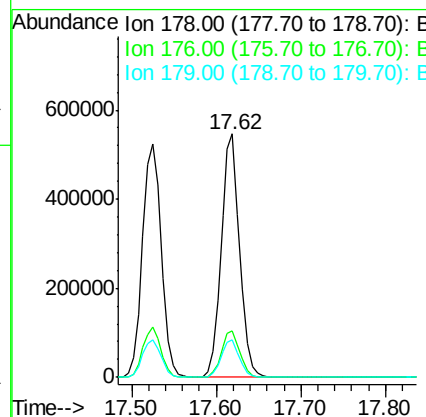
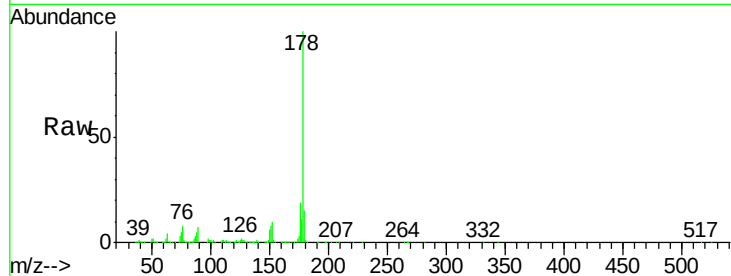
#71
 Anthracene
 Concen: 41.56 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	17.3	25.9
179	15.3	14.0	21.0

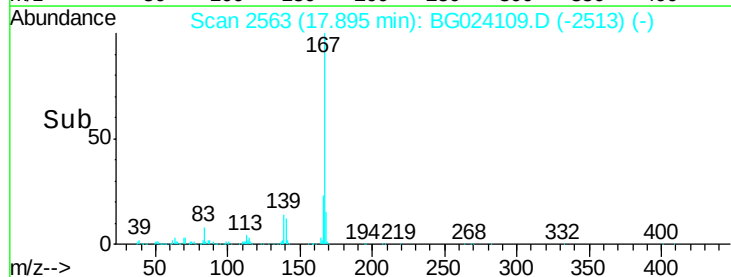
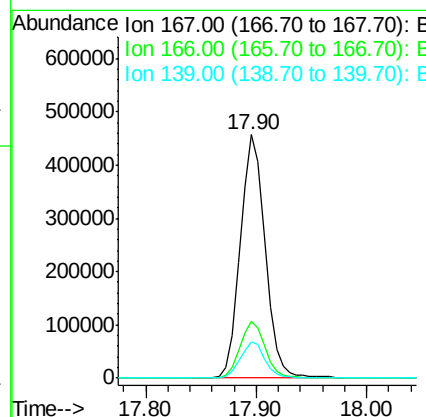
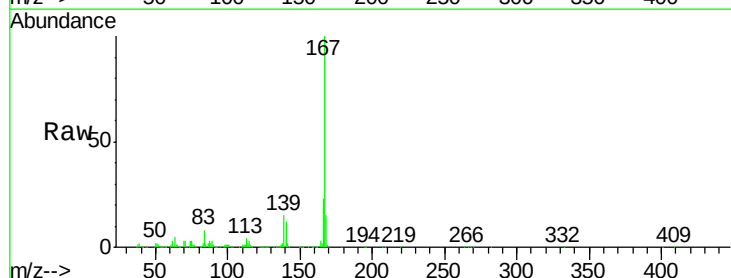
Manual Integrations
 APPROVED

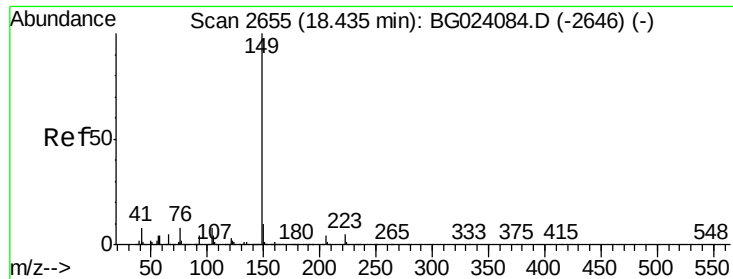
sohil
 9/26/2016 6:41:05 PM



#72
 Carbazole
 Concen: 39.13 ng
 RT: 17.90 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	20.7	31.1
139	15.1	11.9	17.9





#73

Di-n-butylphthalate

Concen: 37.42 ng

RT: 18.43 min Scan# 2654

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

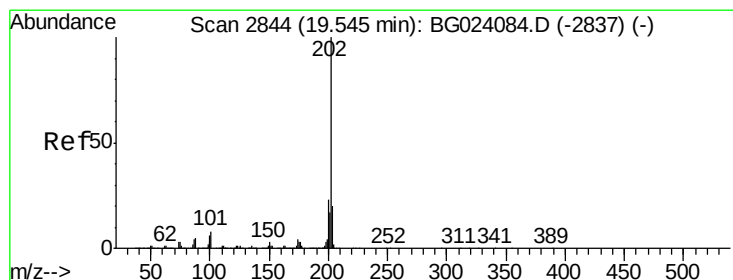
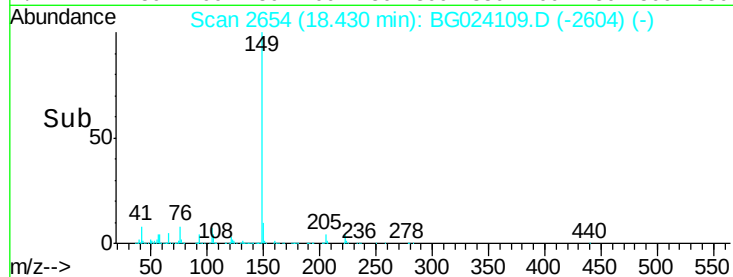
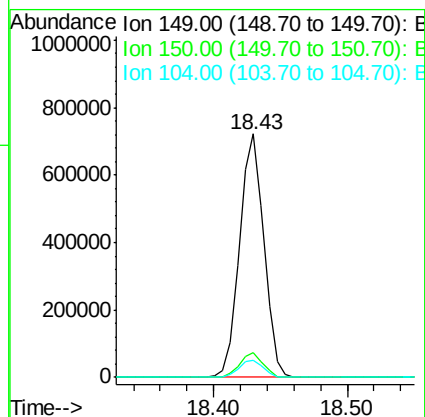
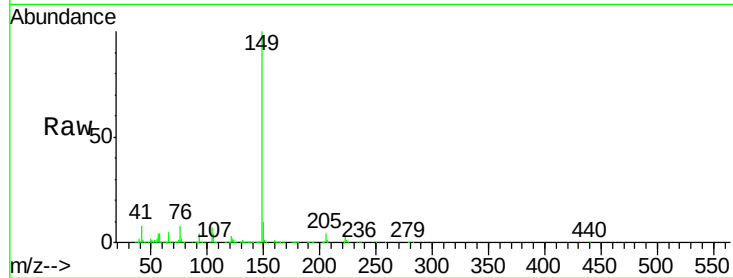
ClientSampled :

PB93571BS

Tgt Ion:	149	Resp:	910914
Ion Ratio	Lower	Upper	
149	100		
150	9.9	9.1	13.7
104	7.2	6.9	10.3

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



#74

Fluoranthene

Concen: 38.31 ng

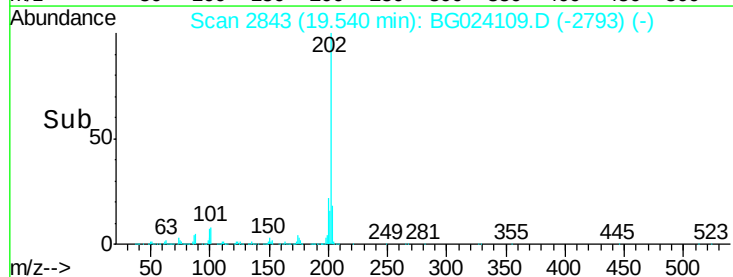
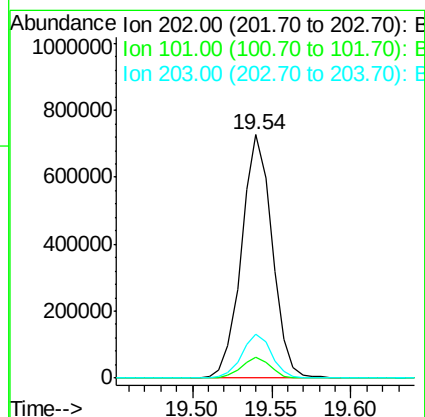
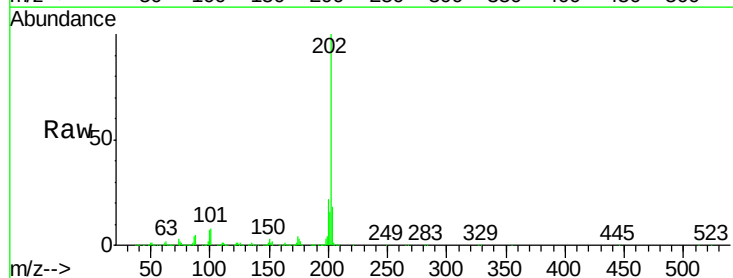
RT: 19.54 min Scan# 2843

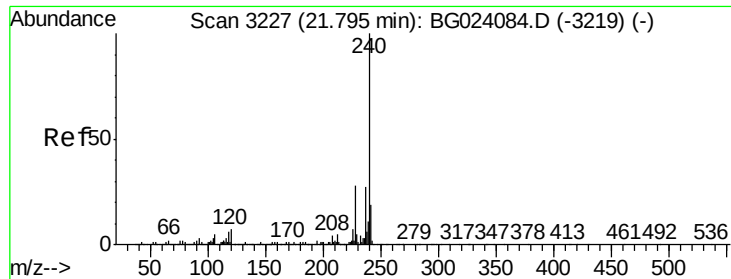
Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion:	202	Resp:	972772
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	27.4
203	18.1	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

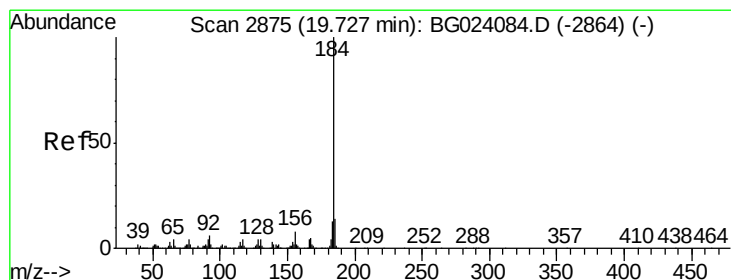
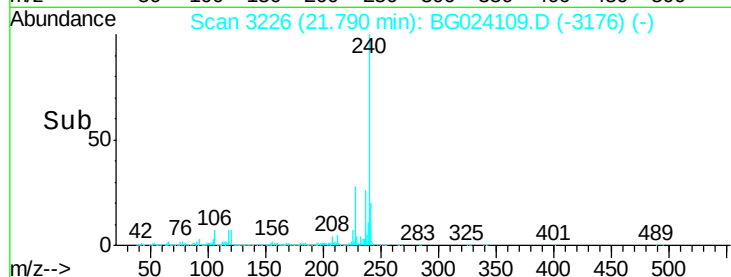
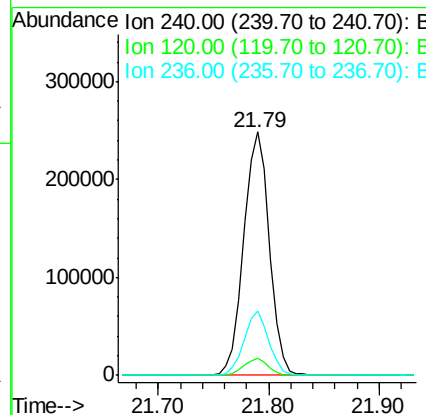
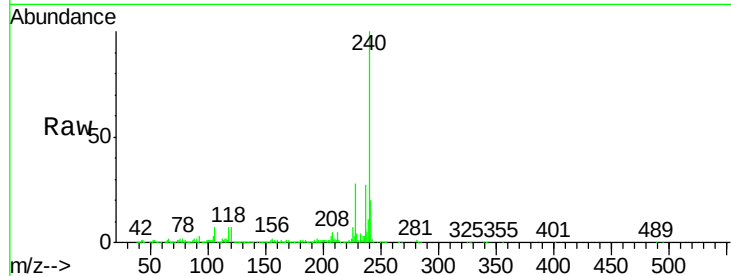
ClientSampleId :

PB93571BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	4.1	6.1#
236	26.6	21.1	31.7

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



#76

Benzidine

Concen: 9.75 ng

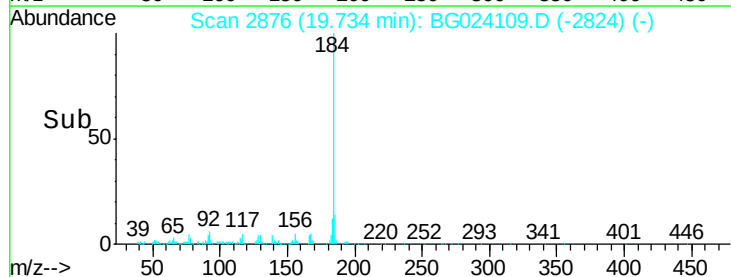
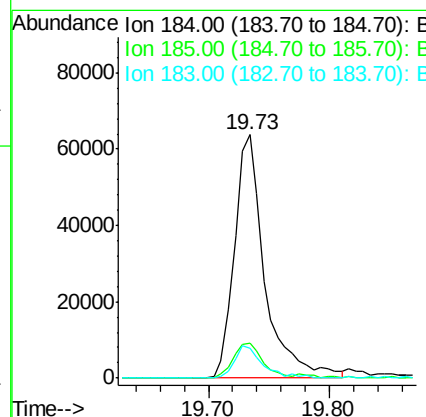
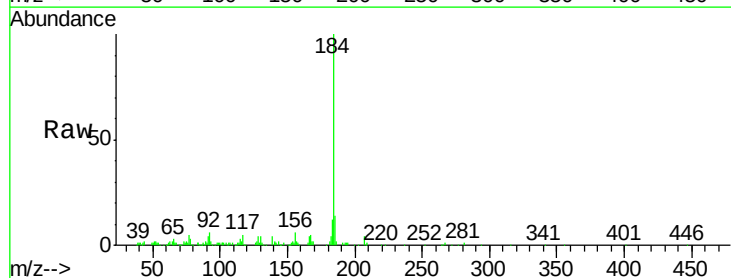
RT: 19.73 min Scan# 2876

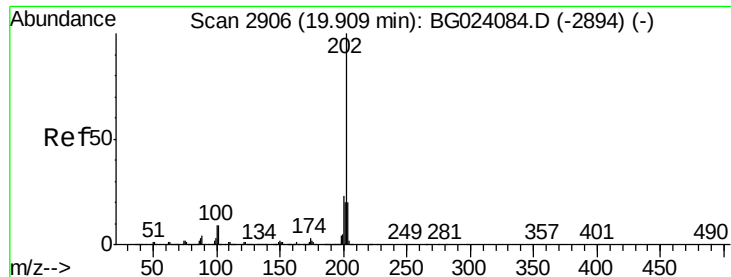
Delta R.T. 0.01 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	19.0
183	12.3	10.7	16.1





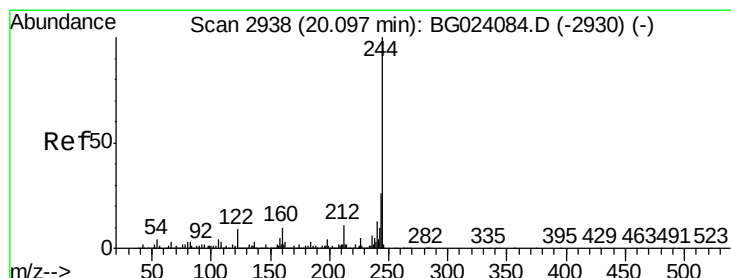
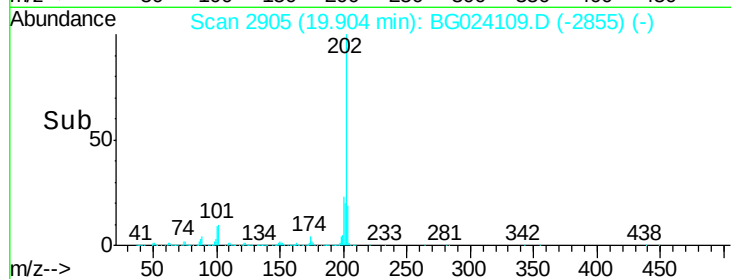
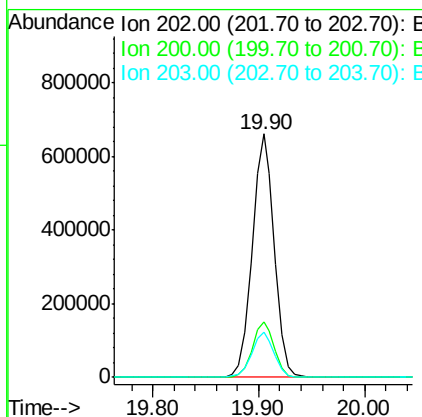
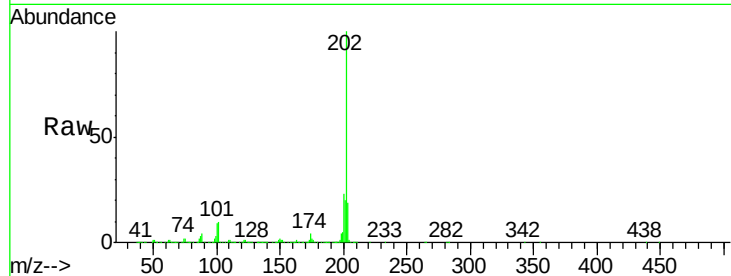
#77
 Pyrene
 Concen: 33.90 ng
 RT: 19.90 min Scan# 2905
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	23.0	21.2	31.8
203	18.7	16.8	25.2

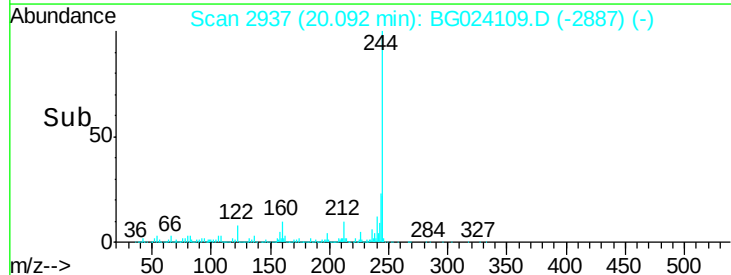
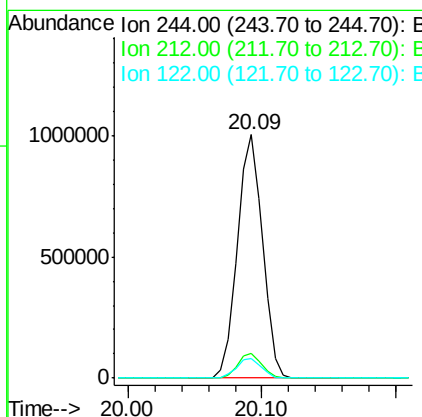
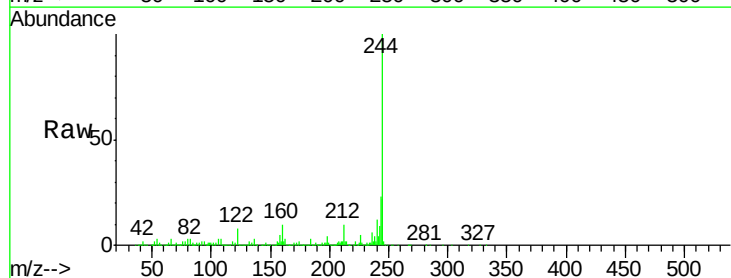
Manual Integrations
 APPROVED

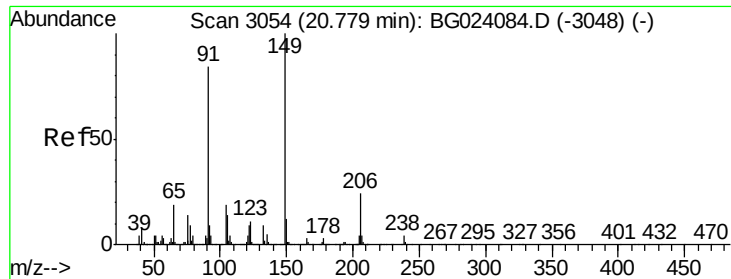
sohil
 9/26/2016 6:41:05 PM



#78
 Terphenyl-d14
 Concen: 66.31 ng
 RT: 20.09 min Scan# 2937
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	10.3	10.8	16.2#
122	7.8	8.0	12.0#





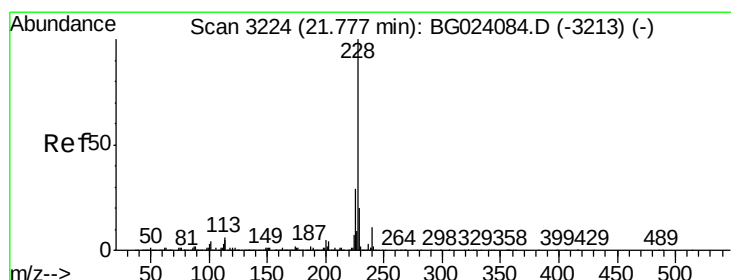
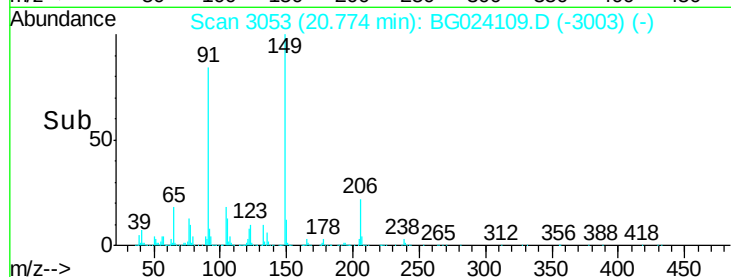
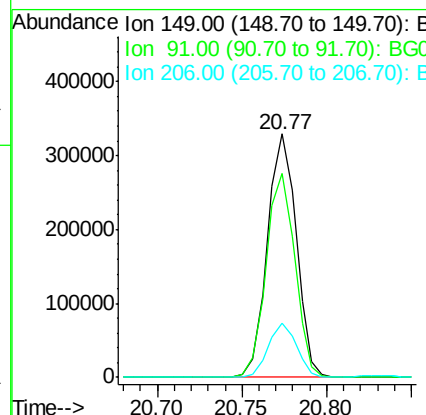
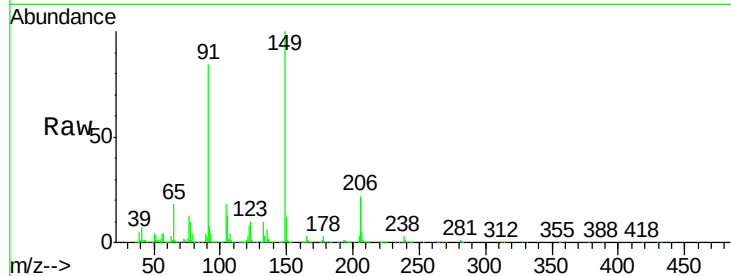
#79
Butylbenzylphthalate
Concen: 37.62 ng
RT: 20.77 min Scan# 3053
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	83.8	68.1	102.1
206	22.3	19.8	29.6

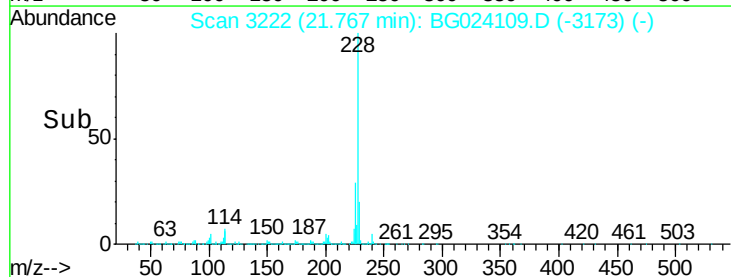
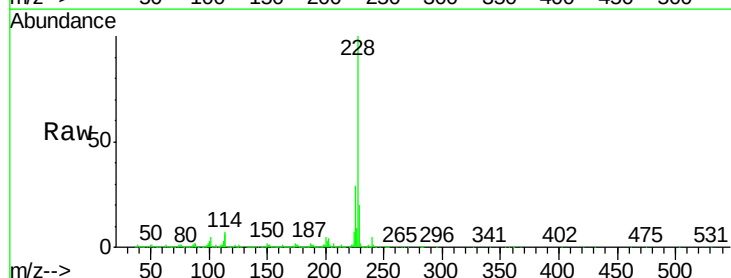
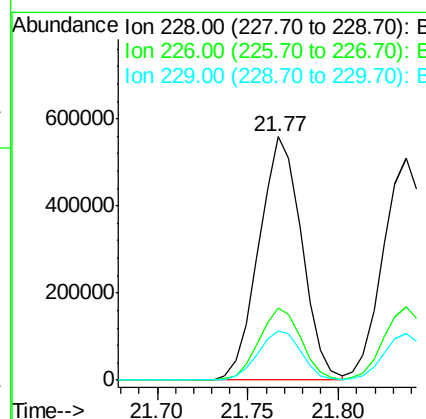
Manual Integrations
APPROVED

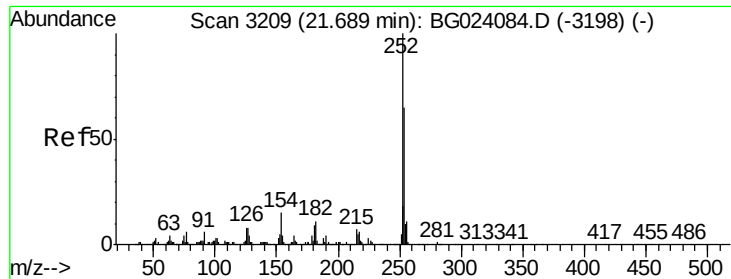
sohil
9/26/2016 6:41:05 PM



#80
Benzo(a)anthracene
Concen: 39.84 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.5	25.3	37.9
229	20.3	19.9	29.9





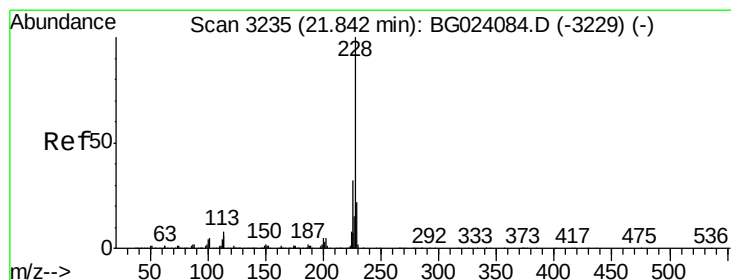
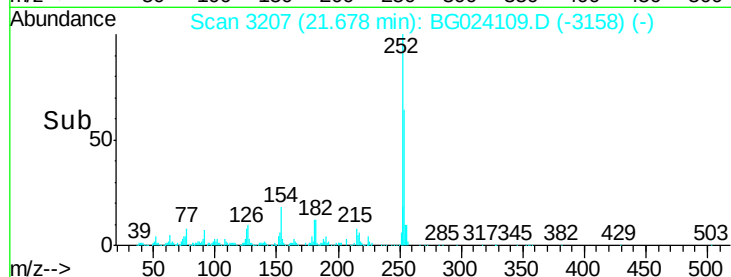
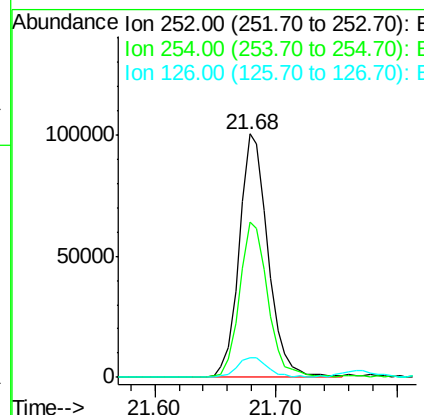
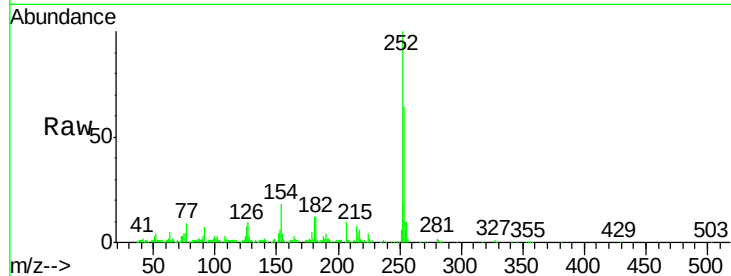
#81
 3,3'-Dichlorobenzidine
 Concen: 20.25 ng
 RT: 21.68 min Scan# 3207
 Delta R.T. -0.01 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampled :
 PB93571BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	63.8	51.2	76.8
126	8.2	5.3	7.9

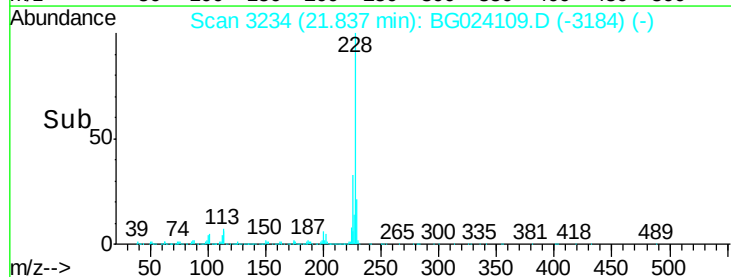
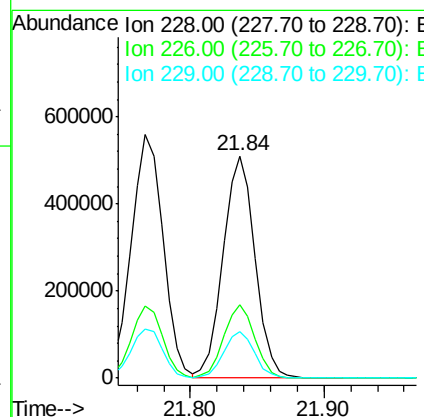
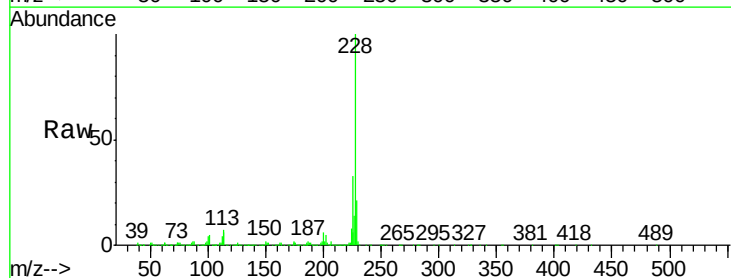
Manual Integrations
 APPROVED

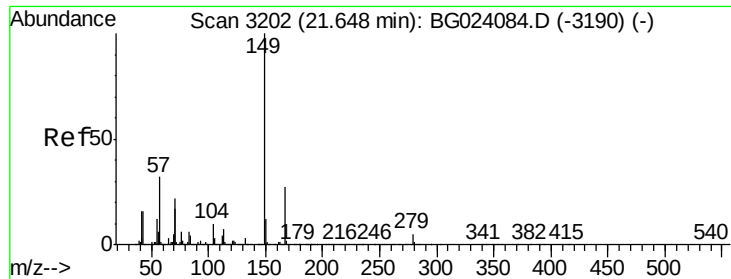
sohil
 9/26/2016 6:41:05 PM



#82
 Chrysene
 Concen: 39.42 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.8	26.7	40.1
229	21.0	17.4	26.2





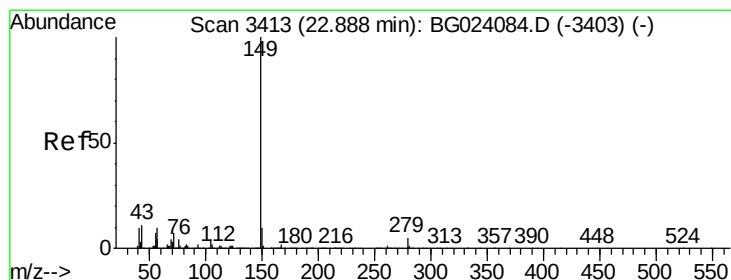
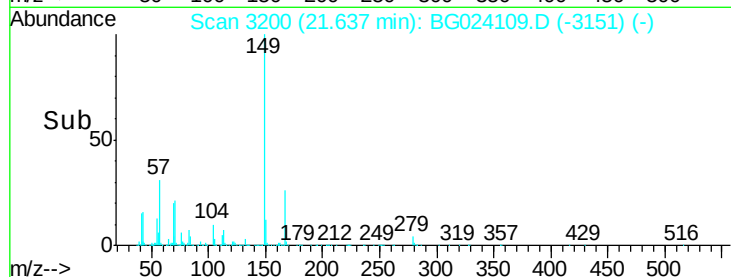
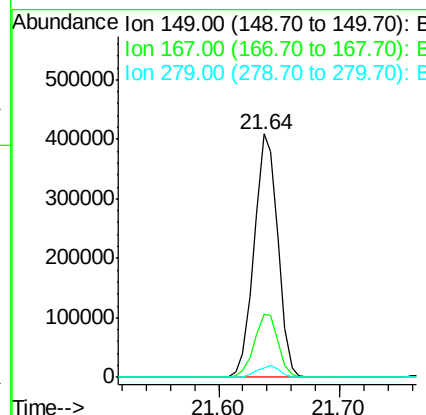
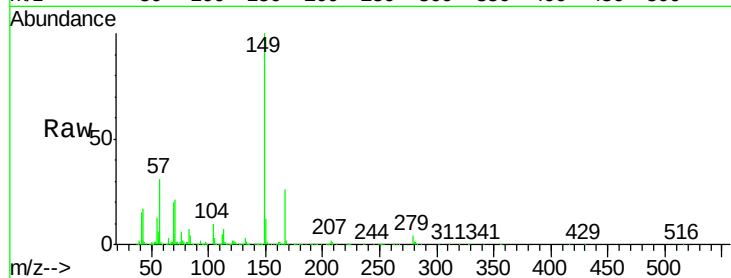
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.04 ng
 RT: 21.64 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampled :
 PB93571BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.9	24.0	36.0
279	3.8	4.8	7.2#

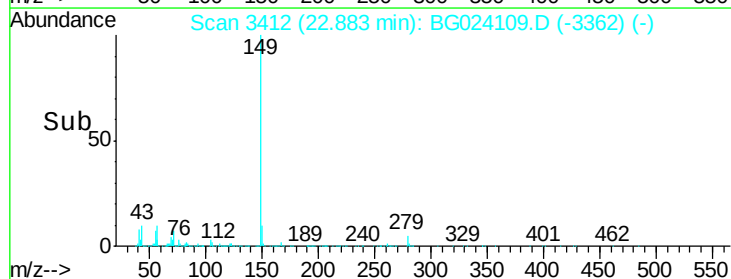
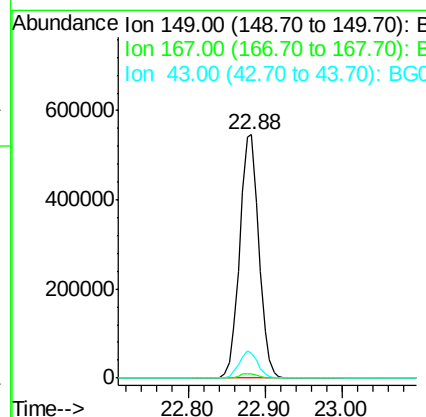
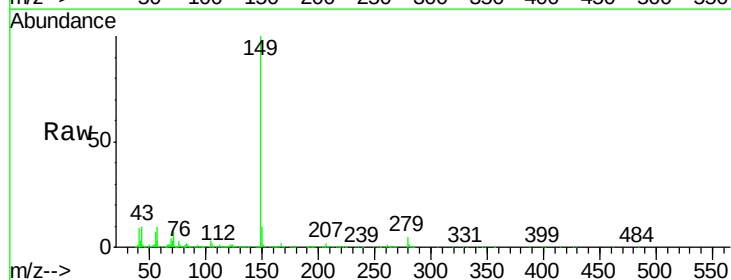
Manual Integrations
 APPROVED

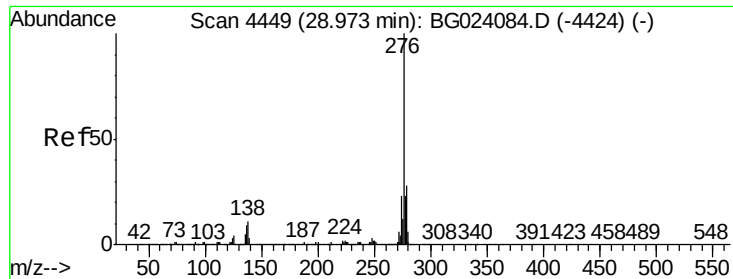
sohil
 9/26/2016 6:41:05 PM



#84
 Di-n-octyl phthalate
 Concen: 44.47 ng
 RT: 22.88 min Scan# 3412
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.5	2.3
43	10.7	8.8	13.2





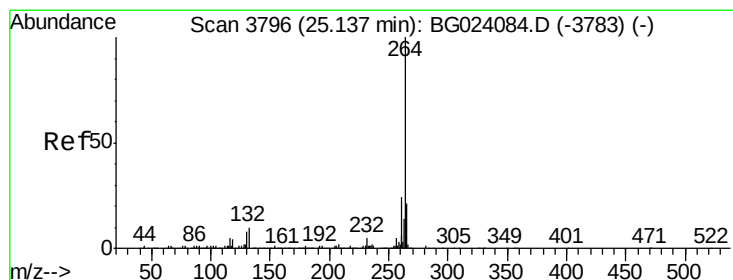
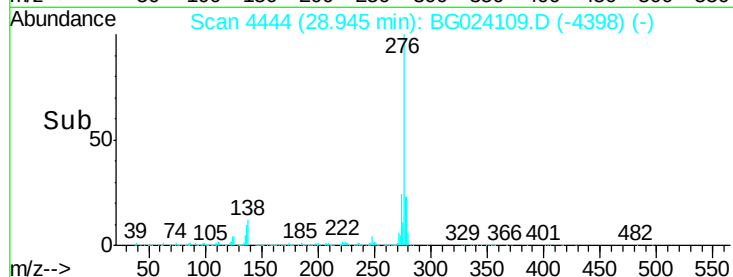
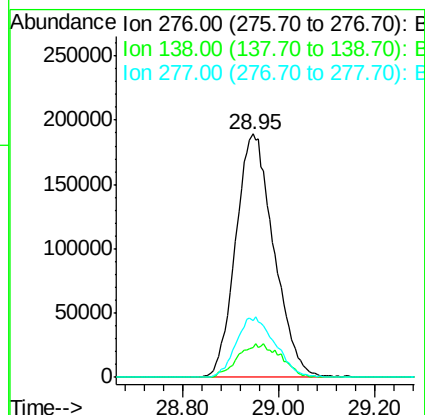
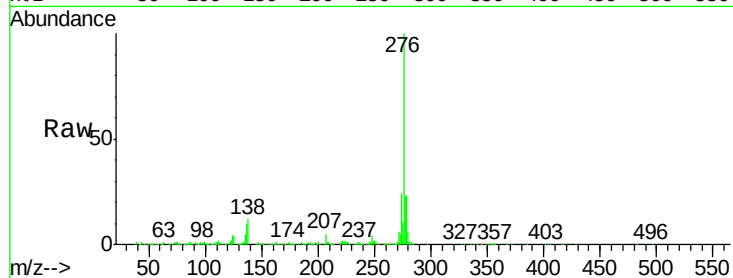
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.25 ng
 RT: 28.95 min Scan# 4444
 Delta R.T. -0.03 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	0.0	0.0#
277	25.4	0.0	0.0#

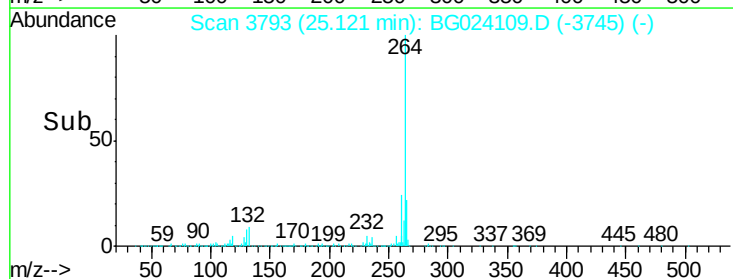
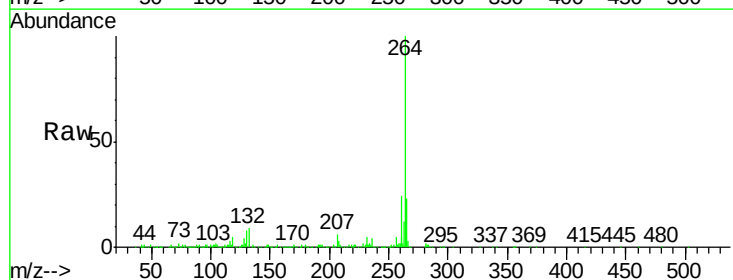
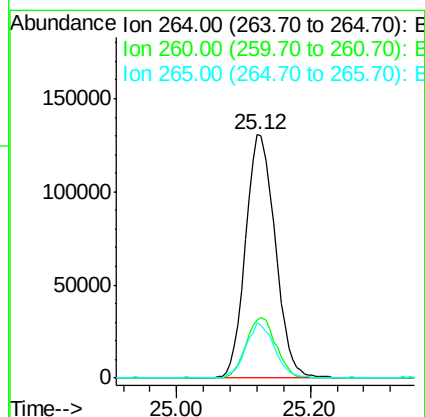
Manual Integrations
 APPROVED

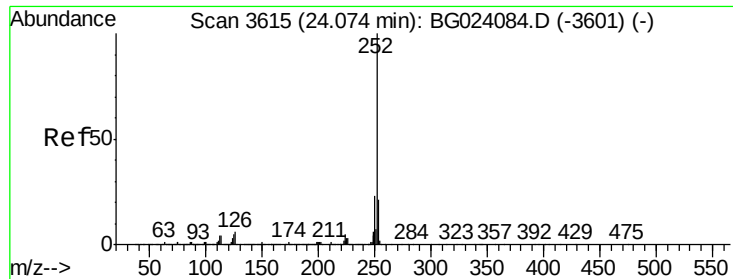
sohil
 9/26/2016 6:41:05 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.12 min Scan# 3793
 Delta R.T. -0.02 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	22.7	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 40.19 ng

RT: 24.06 min Scan# 3612

Delta R.T. -0.02 min

Lab File: BG024109.D

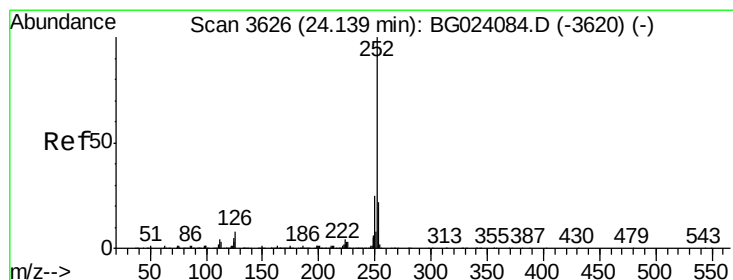
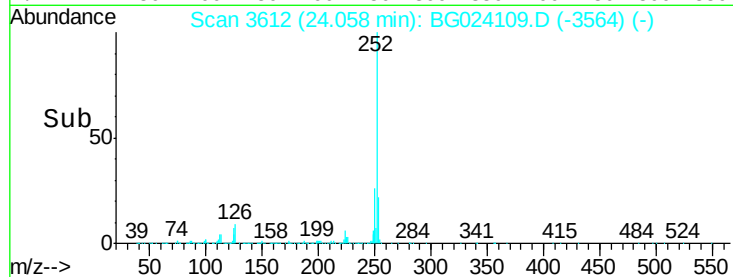
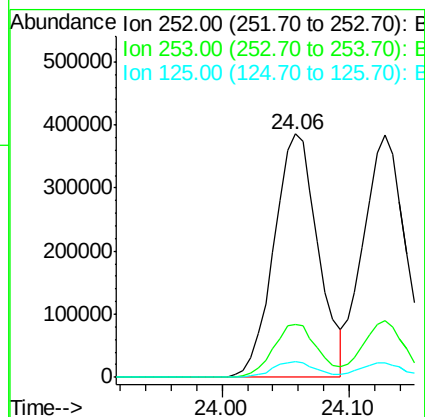
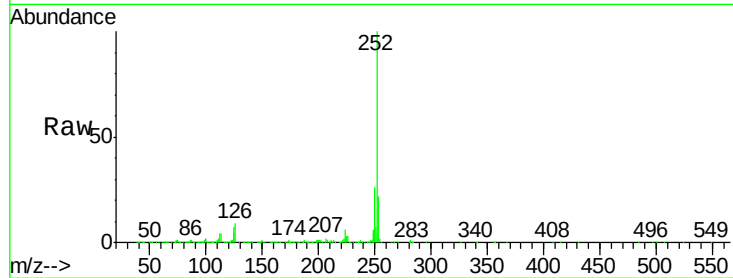
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampled :
PB93571BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	18.9	28.3
125	6.6	3.9	5.9#

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



#88

Benzo(k)fluoranthene

Concen: 38.40 ng

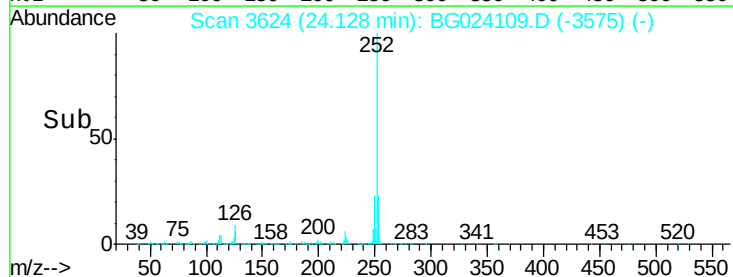
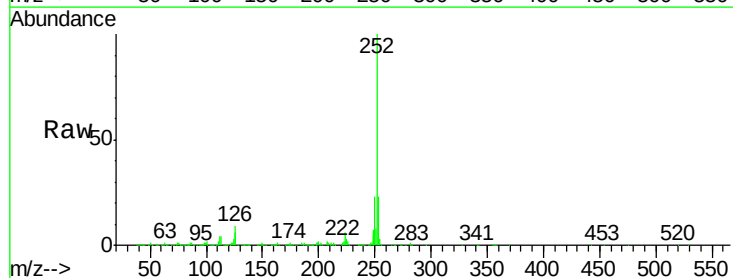
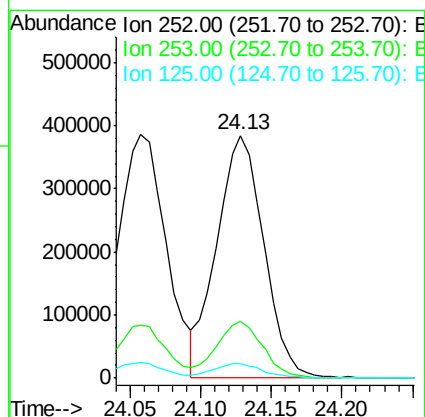
RT: 24.13 min Scan# 3624

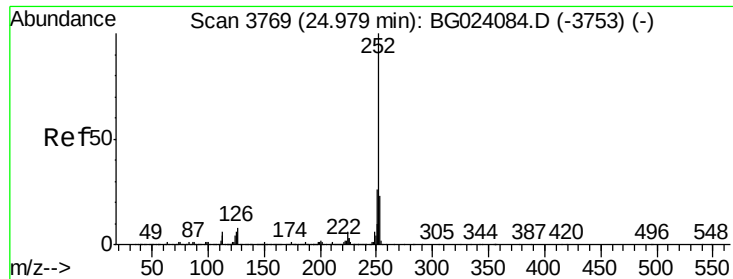
Delta R.T. -0.01 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	18.8	28.2
125	6.1	3.2	4.8#





#89

Benzo(a)pyrene

Concen: 39.90 ng

RT: 24.97 min Scan# 3767

Delta R.T. -0.01 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

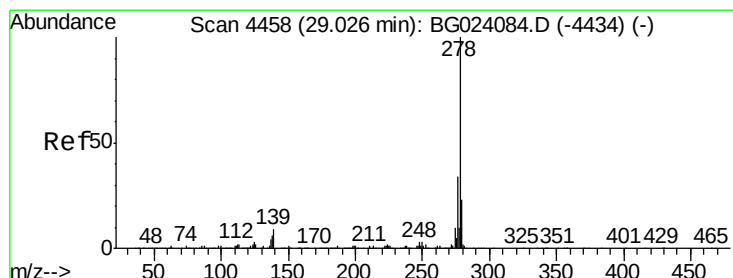
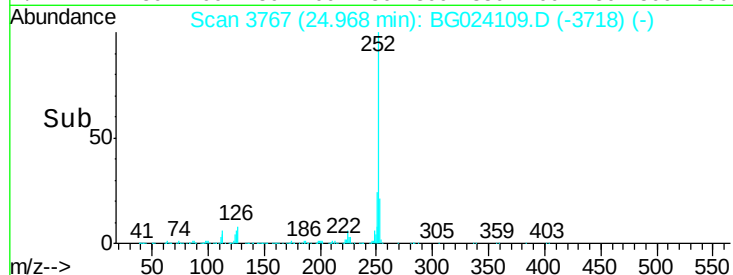
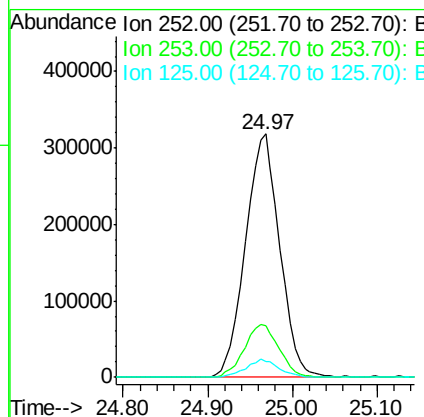
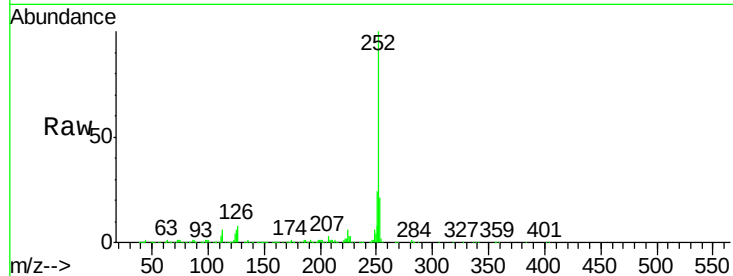
ClientSampleId :

PB93571BS

Tgt Ion:	252	Resp:	895443
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.7	28.1
125	6.3	3.9	5.9#

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:05 PM



#90

Dibenzo(a,h)anthracene

Concen: 38.42 ng

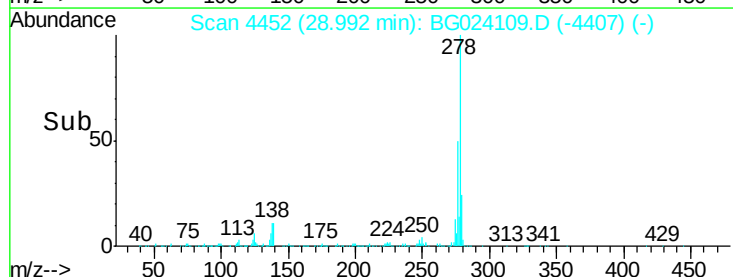
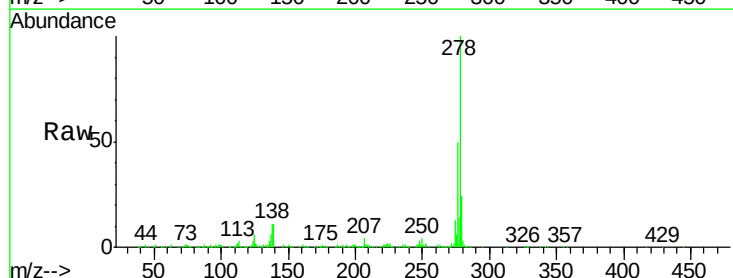
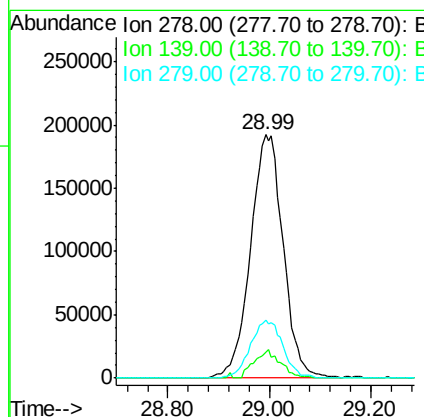
RT: 28.99 min Scan# 4452

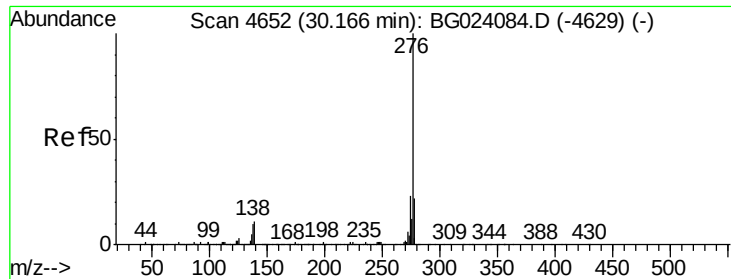
Delta R.T. -0.03 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion:	278	Resp:	860898
Ion Ratio	Lower	Upper	
278	100		
139	10.6	4.7	7.1#
279	23.8	18.3	27.5





#91
 Benzo(g,h,i)perylene
 Concen: 38.30 ng
 RT: 30.14 min Scan# 4648
 Delta R.T. -0.02 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	27.8
138	11.0	6.8	10.2

Manual Integrations
 APPROVED

sohil
 9/26/2016 6:41:05 PM

