

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111017\
 Data File : BG030927.D
 Acq On : 11 Nov 2017 3:59
 Operator : SJ/JU
 Sample : PB104155BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104155BS

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:45:14 PM

Quant Time: Nov 13 03:01:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38494	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	161633	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	109226	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	296840	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	435251	20.00	ng	0.00
86) Perylene-d12	25.07	264	442134	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	277138	123.45	ng	0.00
7) Phenol-d6	7.31	99	351838	116.34	ng	0.00
23) Nitrobenzene-d5	9.31	82	209964	76.97	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	213167	120.64	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	603232	79.36	ng	-0.01
78) Terphenyl-d14	20.09	244	1305250	66.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	31415	34.485	ng	88
3) Pyridine	3.96	79	93099	35.202	ng	89
4) n-Nitrosodimethylamine	3.87	42	46225	36.879	ng	# 88
6) Aniline	7.46	93	80216	20.154	ng	94
8) 2-Chlorophenol	7.71	128	103257	41.681	ng	86
9) Benzaldehyde	7.28	77	49399	23.341	ng	91
10) Phenol	7.34	94	131196	41.772	ng	93
11) bis(2-Chloroethyl)ether	7.55	93	92636	36.940	ng	89
12) 1,3-Dichlorobenzene	8.03	146	110737	38.099	ng	96
13) 1,4-Dichlorobenzene	8.18	146	113394	38.499	ng	94
14) 1,2-Dichlorobenzene	8.50	146	108799	38.486	ng	99
15) Benzyl Alcohol	8.38	79	86629	35.710	ng	85
16) 2,2'-oxybis(1-Chloropropan	8.66	45	140126	50.588	ng	93
17) 2-Methylphenol	8.59	107	87606	40.056	ng	99
18) Hexachloroethane	9.23	117	40131	39.148	ng	93
19) n-Nitroso-di-n-propylamine	8.95	70	74287	32.306	ng	# 94
20) 3+4-Methylphenols	8.92	107	118471	38.094	ng	96
22) Acetophenone	8.96	105	147255	36.590	ng	# 94
24) Nitrobenzene	9.35	77	111188	39.905	ng	92
25) Isophorone	9.87	82	205652	38.658	ng	# 94
26) 2-Nitrophenol	10.07	139	58951	40.589	ng	91
27) 2,4-Dimethylphenol	10.12	122	98203	45.545	ng	93
28) bis(2-Chloroethoxy)methane	10.35	93	128278	38.286	ng	94
29) 2,4-Dichlorophenol	10.61	162	113510	43.840	ng	89
30) 1,2,4-Trichlorobenzene	10.82	180	125087	40.466	ng	99
31) Naphthalene	11.01	128	311870	39.250	ng	100
32) Benzoic acid	10.26	122	49215m	29.834	ng	
33) 4-Chloroaniline	11.12	127	51650	14.849	ng	94
34) Hexachlorobutadiene	11.29	225	86037	40.133	ng	94
35) Caprolactam	11.92	113	39493m	37.339	ng	
36) 4-Chloro-3-methylphenol	12.24	107	115750	41.075	ng	# 87
37) 2-Methylnaphthalene	12.61	142	242164	39.480	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	153224	35.345	ng	96
40) Hexachlorocyclopentadiene	12.95	237	135247	83.774	ng	93

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111017\
 Data File : BG030927.D
 Acq On : 11 Nov 2017 3:59
 Operator : SJ/JU
 Sample : PB104155BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104155BS

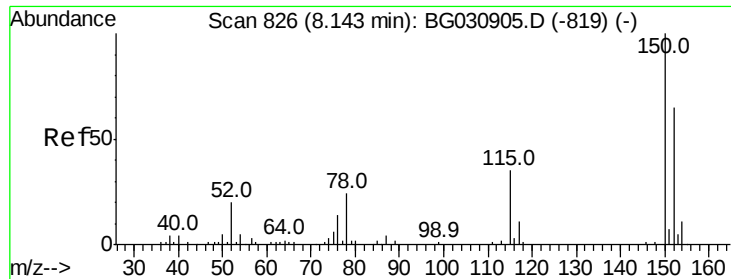
Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:45:14 PM

Quant Time: Nov 13 03:01:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	102538	41.375	nq	100
43) 2,4,5-Trichlorophenol	13.29	196	110564	40.776	nq	94
45) 1,1'-Biphenyl	13.60	154	328156	36.231	nq	99
46) 2-Chloronaphthalene	13.65	162	260351	39.840	nq	96
47) 2-Nitroaniline	13.85	65	75071	38.758	nq #	83
48) Acenaphthylene	14.49	152	404752	37.842	nq	98
49) Dimethylphthalate	14.21	163	359702	38.087	nq	99
50) 2,6-Dinitrotoluene	14.33	165	80894	41.557	nq #	75
51) Acenaphthene	14.83	154	250745	37.537	nq	98
52) 3-Nitroaniline	14.67	138	38997	18.867	nq #	87
53) 2,4-Dinitrophenol	14.88	184	93620	86.877	nq #	55
54) Dibenzofuran	15.16	168	416994	39.191	nq	100
55) 4-Nitrophenol	14.99	139	126980	86.244	nq #	82
56) 2,4-Dinitrotoluene	15.13	165	117346	41.699	nq #	72
57) Fluorene	15.81	166	334111	38.678	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	111898	43.300	nq #	89
59) Diethylphthalate	15.56	149	360847	37.615	nq	99
60) 4-Chlorophenyl-phenylether	15.79	204	203280	38.965	nq	91
61) 4-Nitroaniline	15.83	138	87837	40.133	nq	86
62) Azobenzene	16.08	77	289728	39.601	nq	94
64) 4,6-Dinitro-2-methylphenol	15.89	198	69277	35.111	nq	78
65) n-Nitrosodiphenylamine	16.01	169	317272	35.272	nq	100
66) 4-Bromophenyl-phenylether	16.68	248	142970	38.028	nq	96
67) Hexachlorobenzene	16.81	284	152199	38.100	nq	93
68) Atrazine	16.95	200	139982	37.718	nq	97
69) Pentachlorophenol	17.16	266	158837	71.930	nq	98
70) Phenanthrene	17.55	178	599197	38.769	nq	98
71) Anthracene	17.64	178	617868	39.897	nq	99
72) Carbazole	17.91	167	588586	40.562	nq	99
73) Di-n-butylphthalate	18.45	149	686232	38.516	nq	100
74) Fluoranthene	19.54	202	861938	44.046	nq	98
76) Benzidine	19.72	184	293584	20.999	nq	98
77) Pyrene	19.91	202	895457	34.671	nq	99
79) Butylbenzylphthalate	20.77	149	378423	36.747	nq	85
80) Benzo(a)anthracene	21.75	228	1032382	38.185	nq	98
81) 3,3'-Dichlorobenzidine	21.66	252	202302	18.537	nq	97
82) Chrysene	21.82	228	963762	38.536	nq	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	545476	36.695	nq #	99
84) Di-n-octyl phthalate	22.86	149	928318	38.369	nq #	94
85) Indeno(1,2,3-cd)pyrene	28.87	276	1185164	38.981	nq	96
87) Benzo(b)fluoranthene	24.03	252	1069119	39.975	nq #	98
88) Benzo(k)fluoranthene	24.10	252	1012300	38.187	nq	97
89) Benzo(a)pyrene	24.93	252	1008114	39.679	nq	99
90) Dibenzo(a,h)anthracene	28.93	278	992865	38.233	nq	96
91) Benzo(g,h,i)perylene	30.06	276	978271	38.813	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

ClientSampleId :

PB104155BS

Tot Ion:152 Resp: 38494

Ion Ratio Lower Upper

152 100

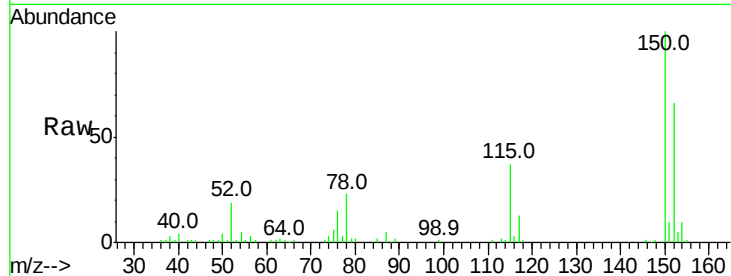
150 152.6 126.6 189.8

115 56.0 53.0 79.4

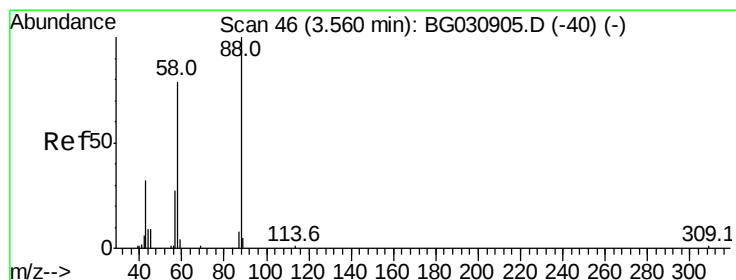
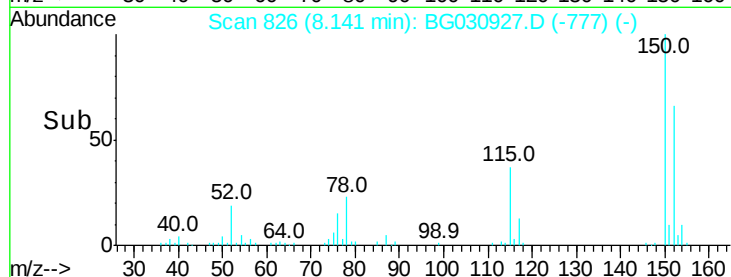
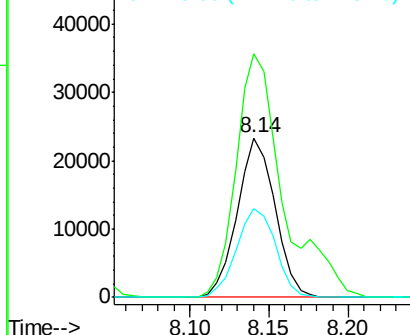
Manual Integrations
APPROVED

SOHIL

11/13/2017 4:45:14 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.485 ng

RT: 3.55 min Scan# 45

Delta R.T. -0.02 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

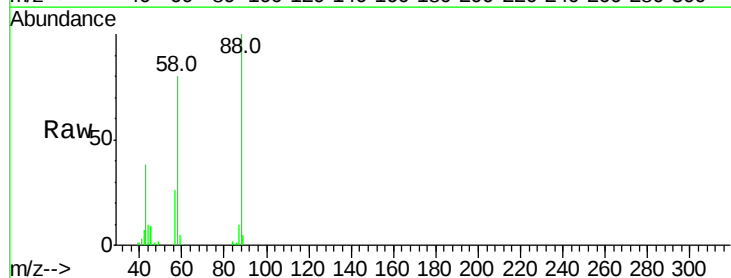
Tgt Ion: 88 Resp: 31415

Ion Ratio Lower Upper

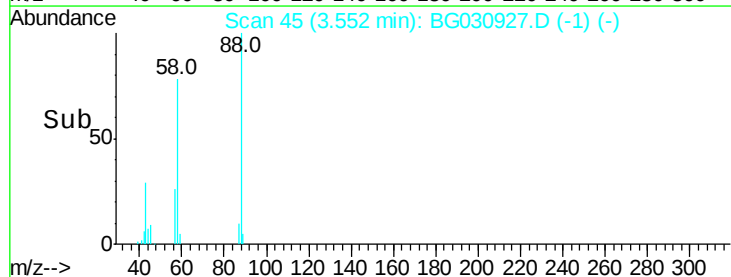
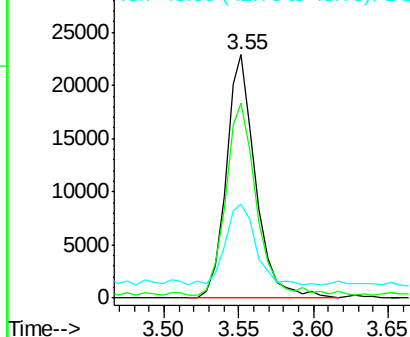
88 100

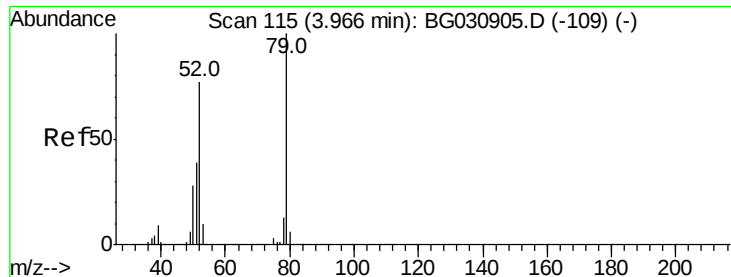
58 83.0 79.6 119.4

43 34.1 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





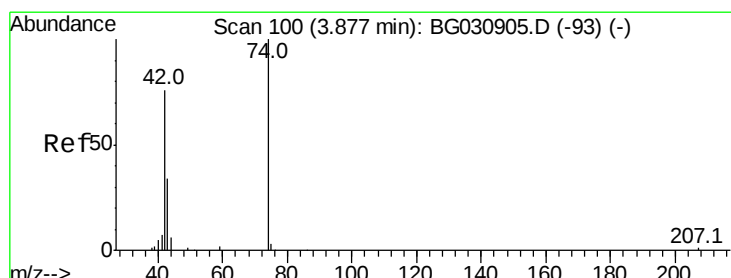
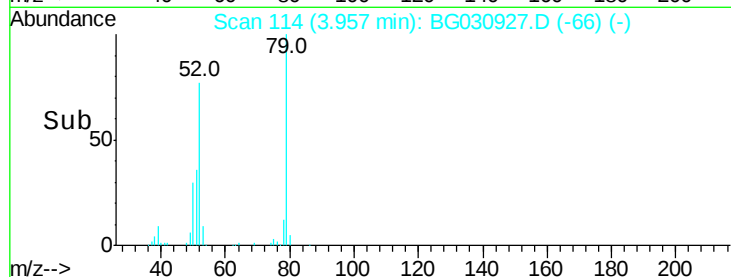
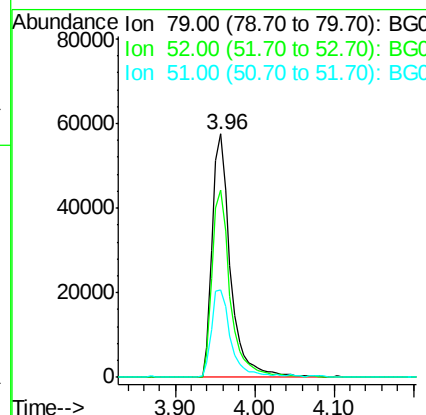
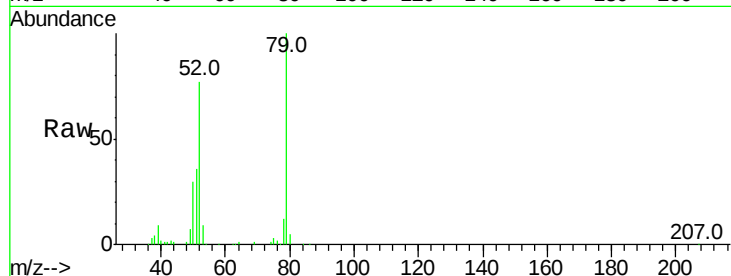
#3
Pvrindine
Concen: 35.202 ng
RT: 3.96 min Scan# 114
Delta R.T. -0.02 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	77.0	69.9	104.9		
51	35.9	34.0	51.0		

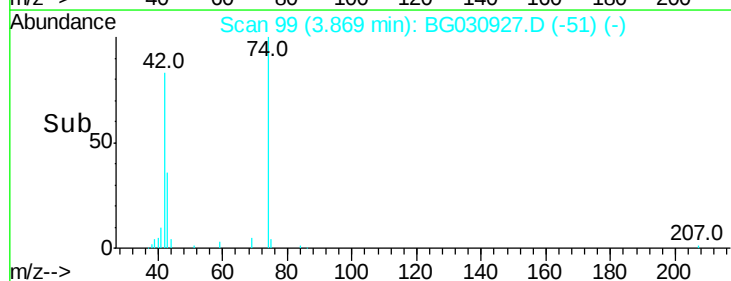
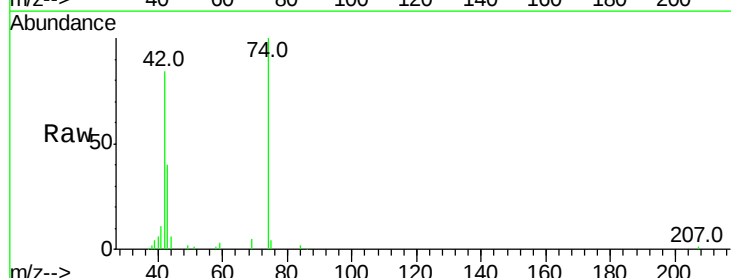
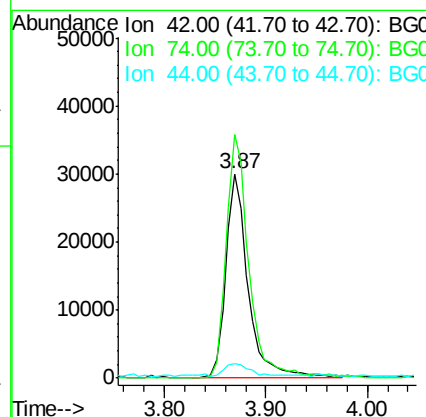
Manual Integrations
APPROVED

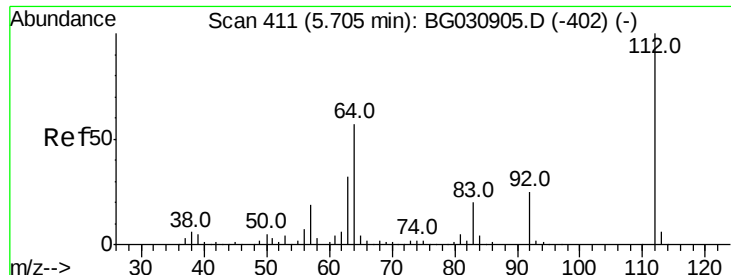
SOHIL
11/13/2017 4:45:14 PM



#4
n-Nitrosodimethylamine
Concen: 36.879 ng
RT: 3.87 min Scan# 99
Delta R.T. -0.02 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	119.1	102.5	153.7		
44	7.0	18.9	28.3#		





#5

2-Fluorophenol

Concen: 123.454 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

ClientSampleId :

PB104155BS

Tot Ion: 112 Resp: 277138

Ion Ratio Lower Upper

112 100

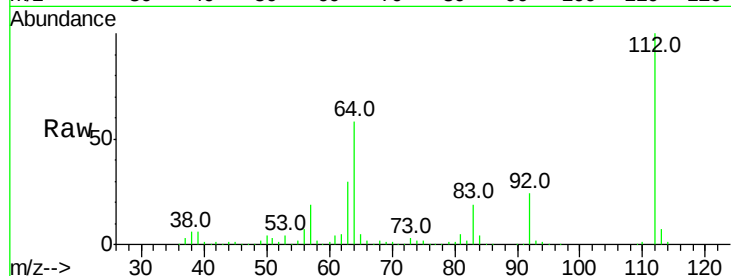
64 58.4 56.3 84.5

63 29.5 30.1 45.1#

Manual Integrations
APPROVED

SOHIL

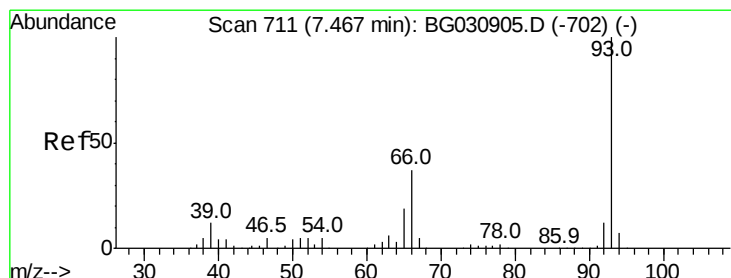
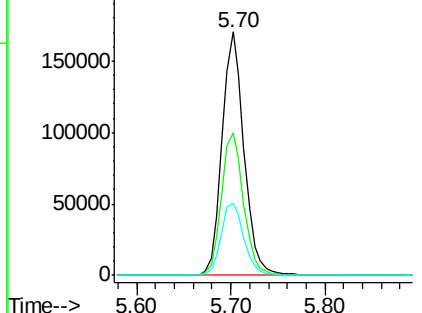
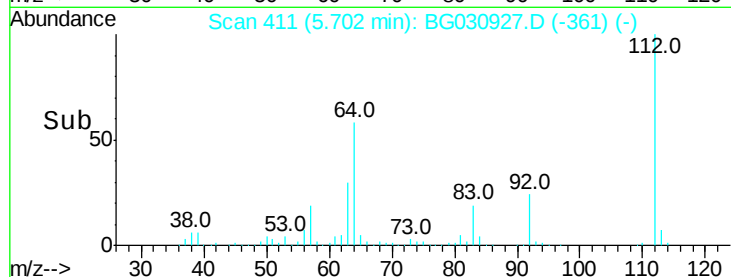
11/13/2017 4:45:14 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.154 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

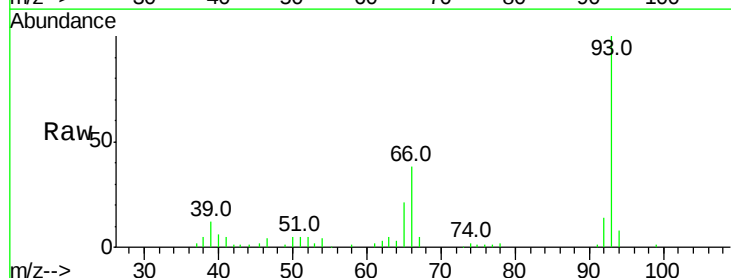
Tgt Ion: 93 Resp: 80216

Ion Ratio Lower Upper

93 100

66 37.6 33.7 50.5

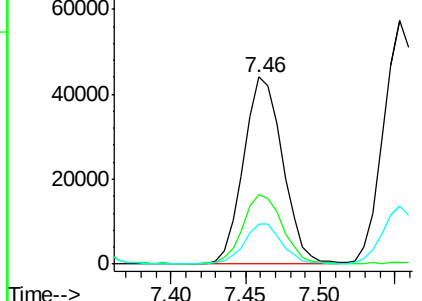
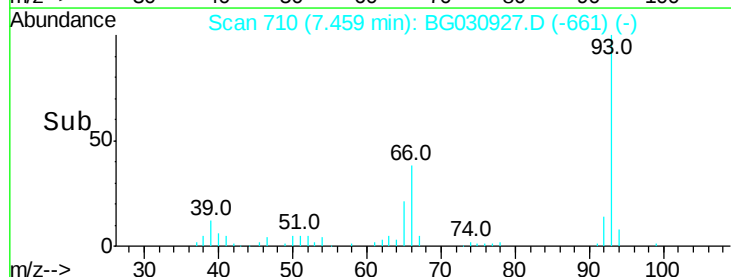
65 21.4 16.1 24.1

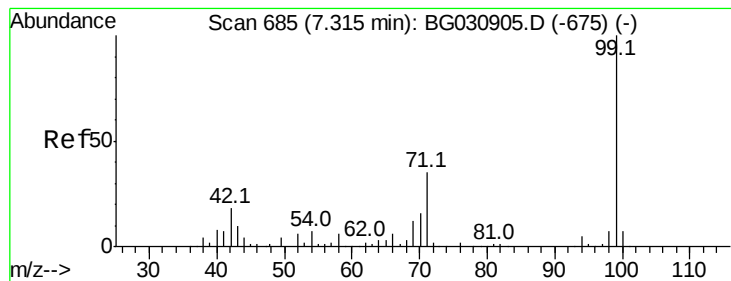


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.336 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

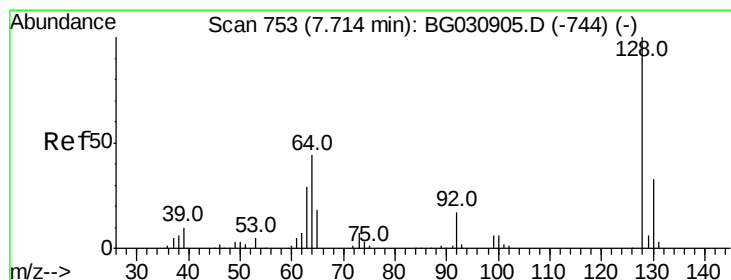
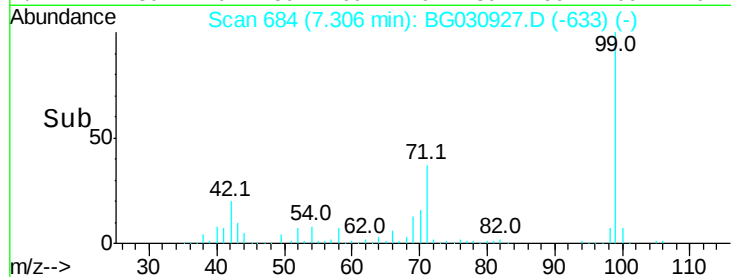
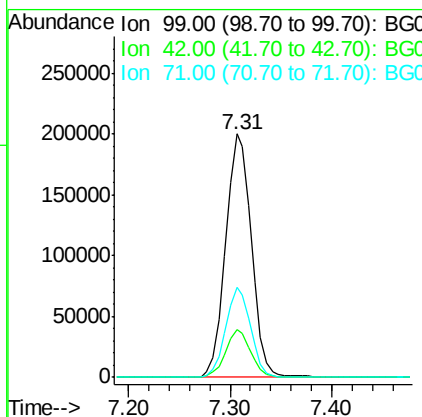
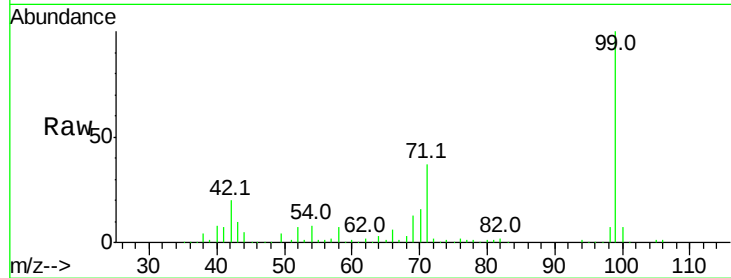
ClientSampled :

PB104155BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		351838		
42	19.8	14.1	21.1		
71	36.8	26.1	39.1		

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM



#8

2-Chlorophenol

Concen: 41.681 ng

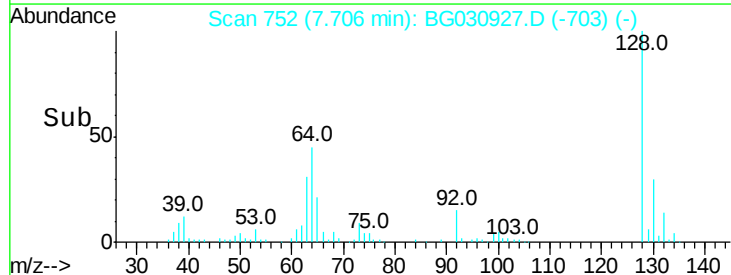
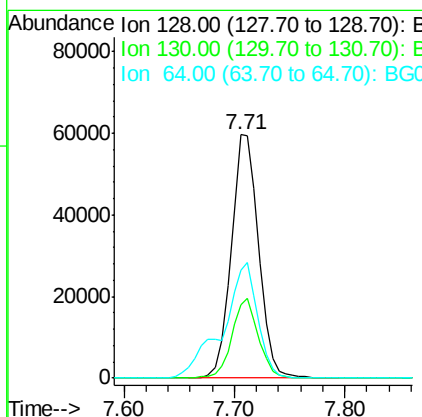
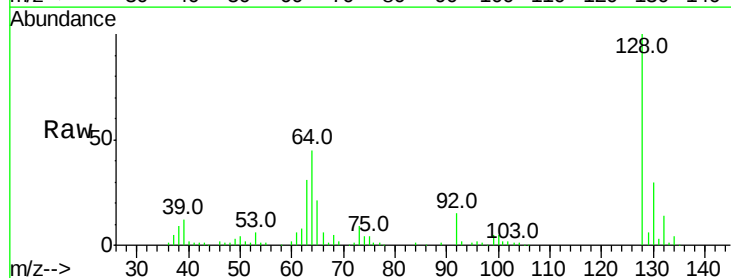
RT: 7.71 min Scan# 752

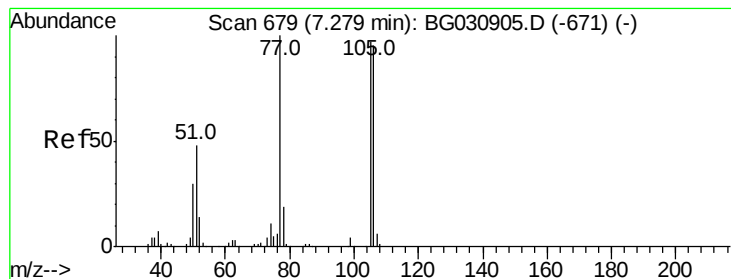
Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		103257		
130	30.0	14.0	54.0		
64	44.6	37.7	77.7		





#9

Benzaldehyde

Concen: 23.341 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

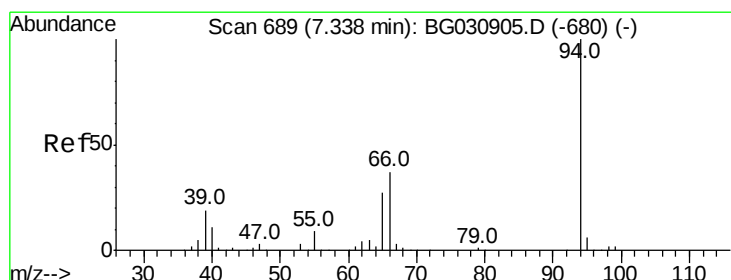
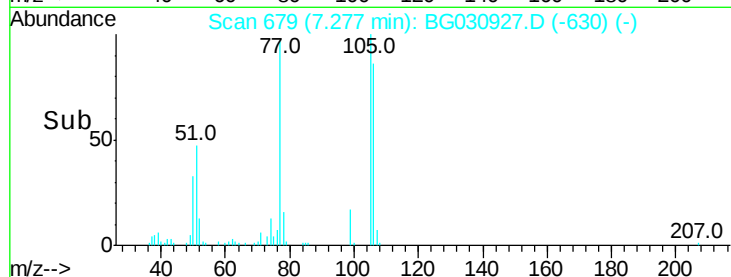
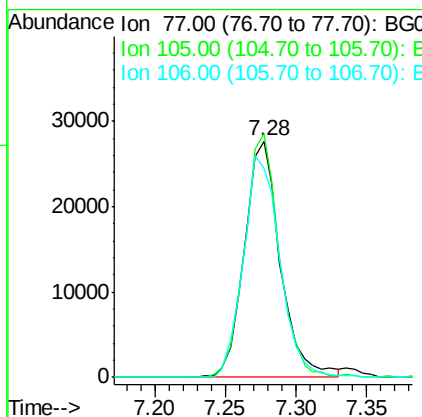
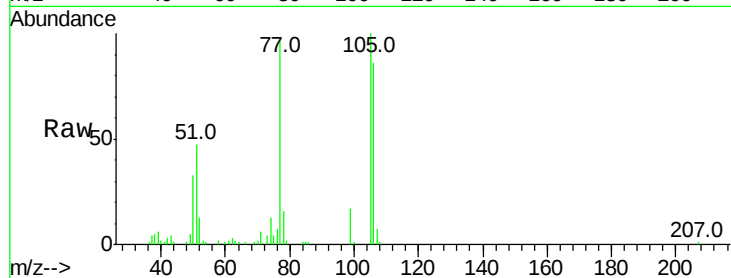
ClientSampleId :

PB104155BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.2	71.3	111.3
106	88.7	64.2	104.2

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM



#10

Phenol

Concen: 41.772 ng

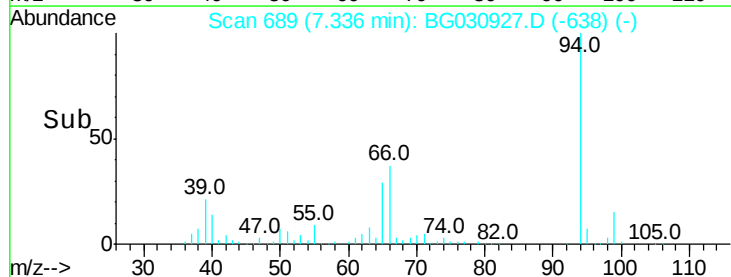
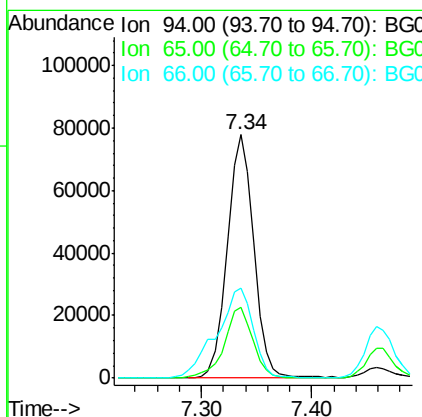
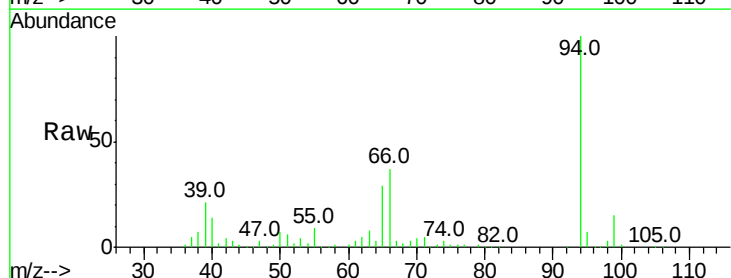
RT: 7.34 min Scan# 689

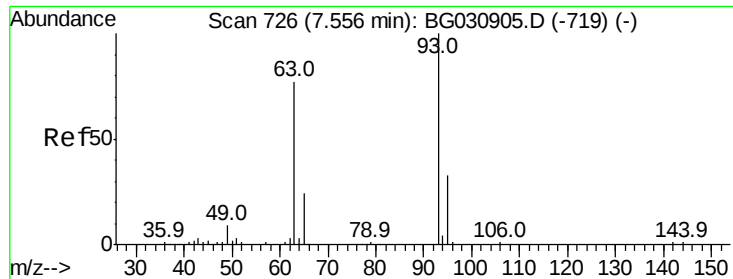
Delta R.T. -0.00 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.0	11.9	51.9
66	37.1	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 36.940 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

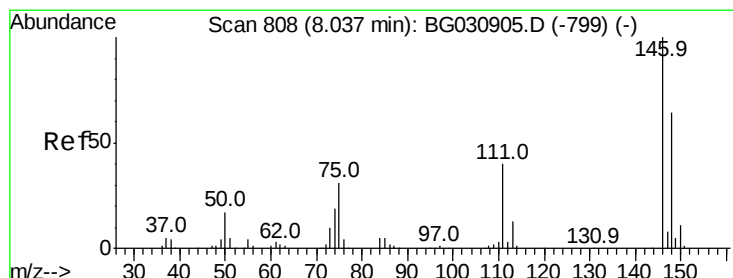
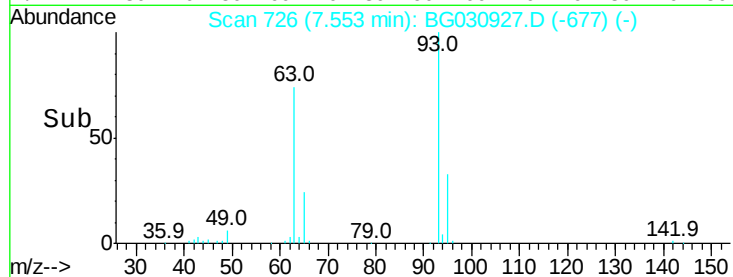
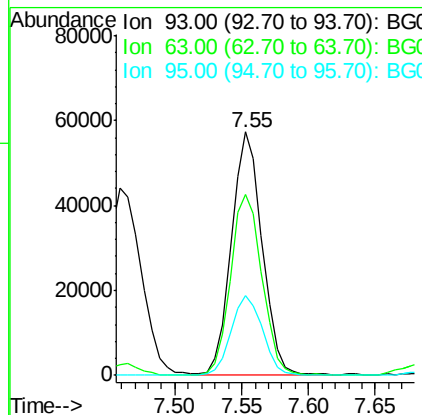
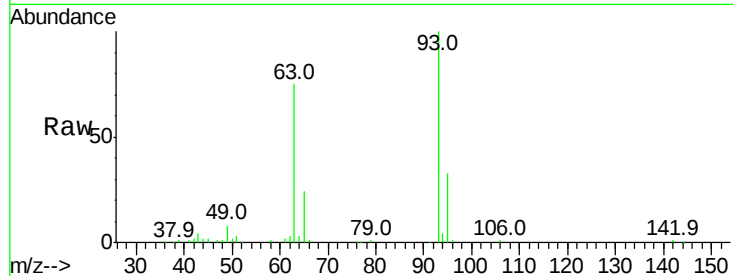
ClientSampleId :

PB104155BS

Tot Ion:	93	Resp:	92636
Ion	Ratio	Lower	Upper
93	100		
63	74.5	67.1	107.1
95	32.7	11.5	51.5

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM



#12

1,3-Dichlorobenzene

Concen: 38.099 ng

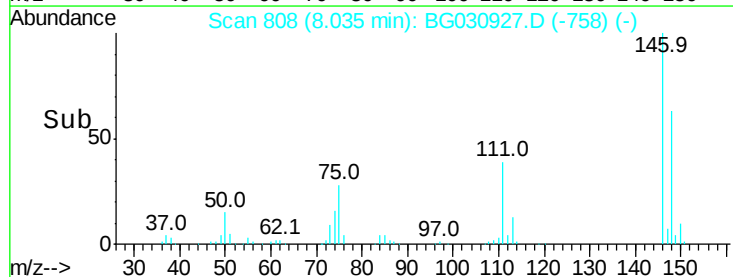
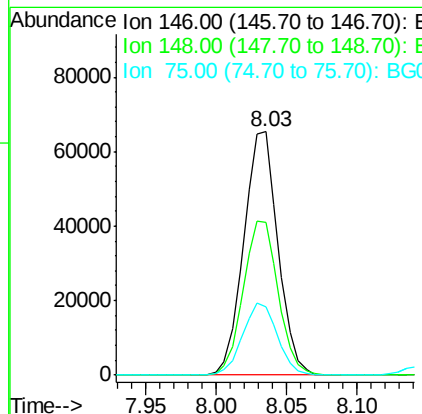
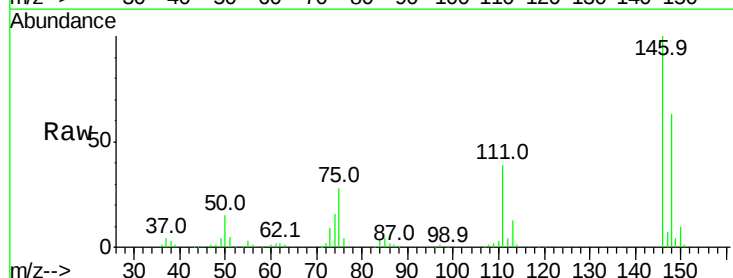
RT: 8.03 min Scan# 808

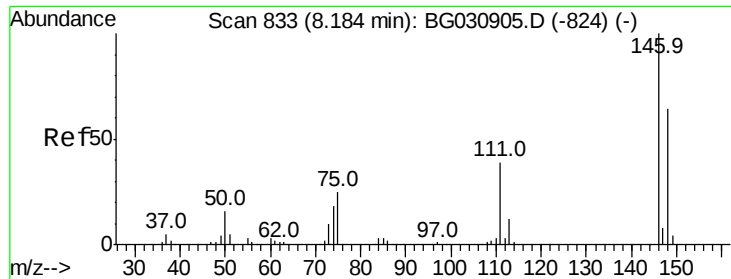
Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Tgt Ion:	146	Resp:	110737
Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.2
75	27.9	26.6	39.8





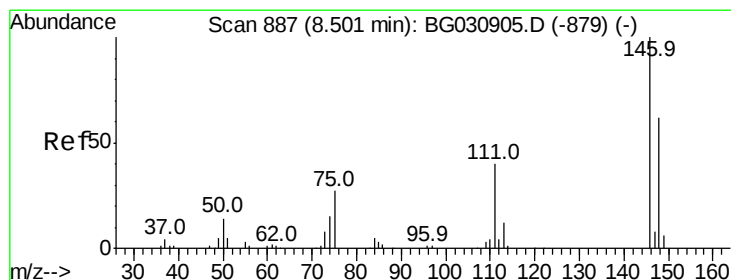
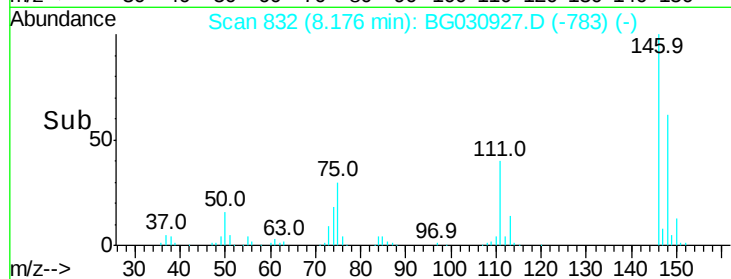
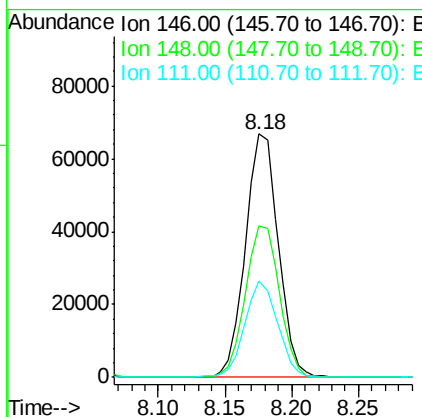
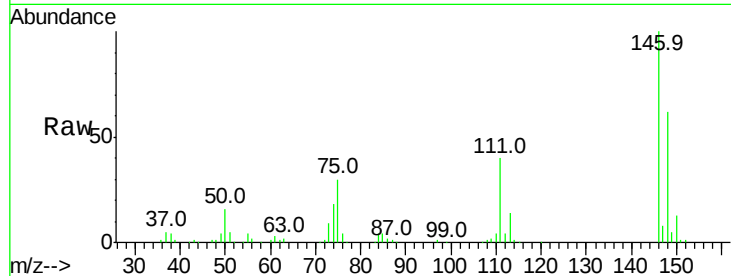
#13
 1,4-Dichlorobenzene
 Concen: 38.499 ng
 RT: 8.18 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Instrument :
 BNA_G
 ClientSampleId :
 PB104155BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	53.7	80.5
111	39.7	35.2	52.8

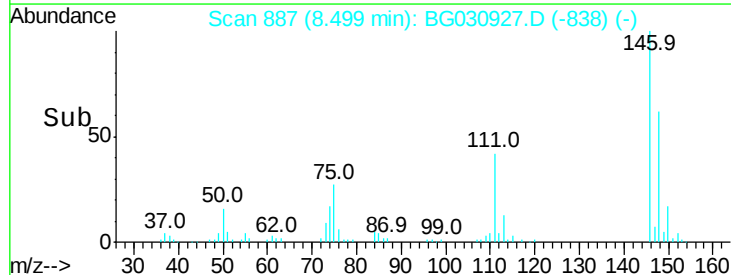
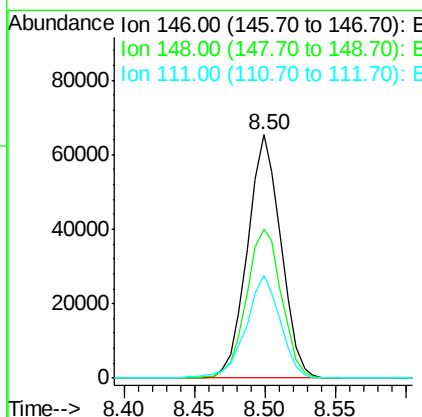
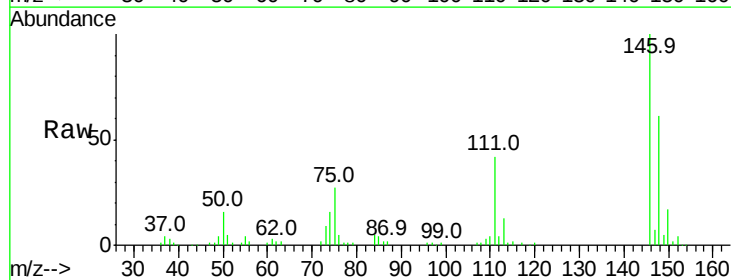
Manual Integrations
 APPROVED

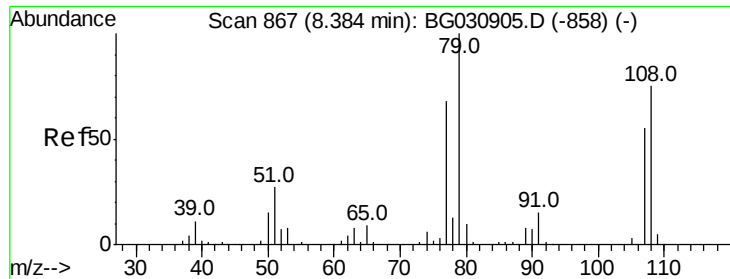
SOHIL
 11/13/2017 4:45:14 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.486 ng
 RT: 8.50 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	49.3	73.9
111	42.0	34.3	51.5





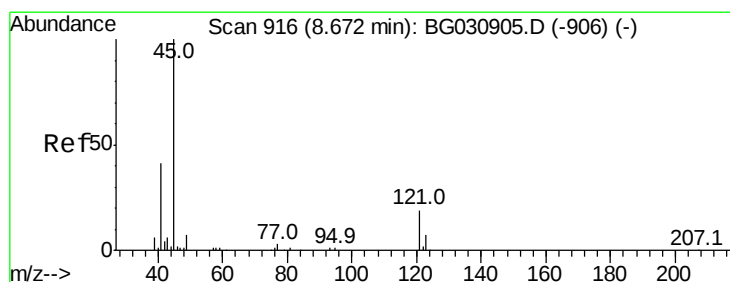
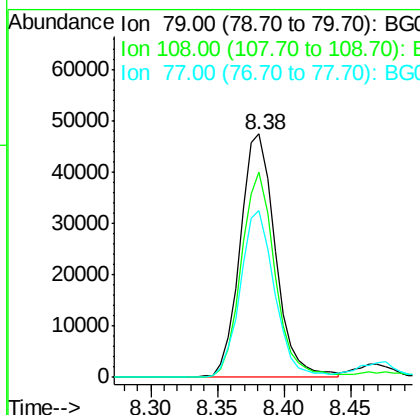
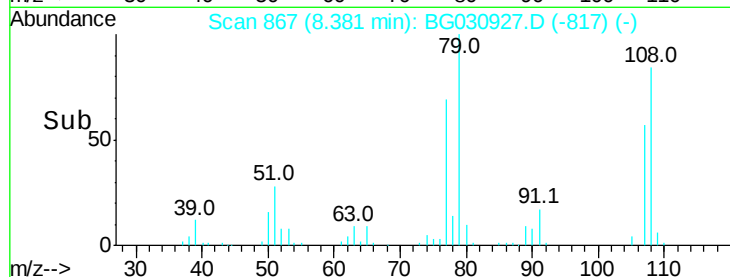
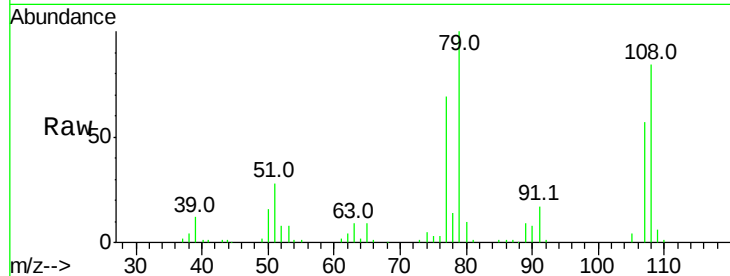
#15
Benzyl Alcohol
Concen: 35.710 ng
RT: 8.38 min Scan# 867
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.1	57.2	85.8
77	68.6	46.1	69.1

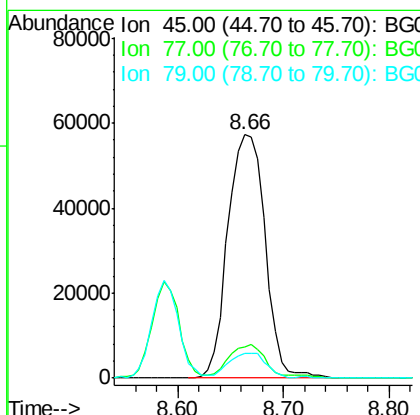
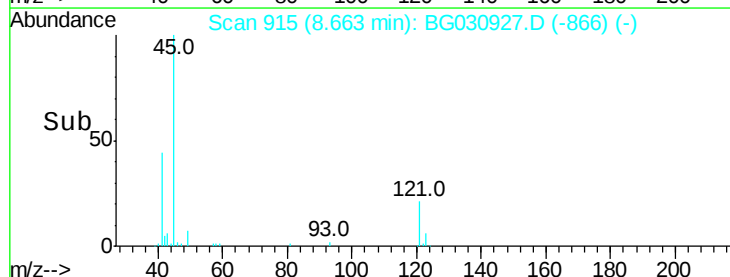
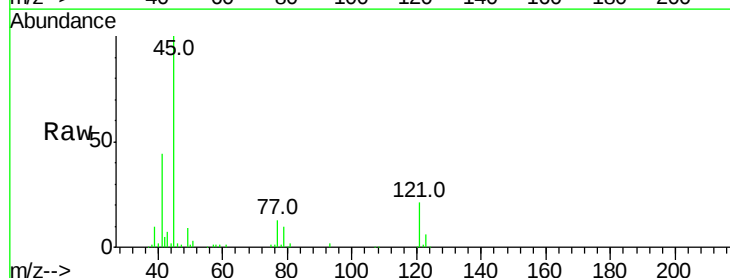
Manual Integrations
APPROVED

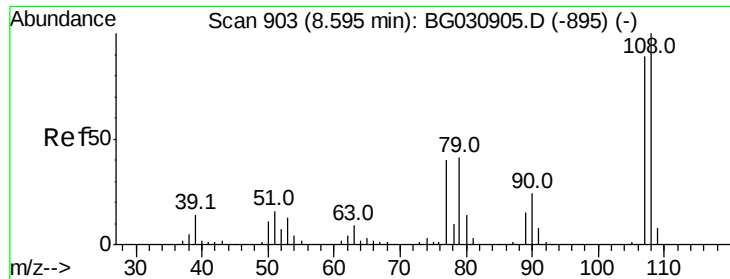
SOHIL
11/13/2017 4:45:14 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.588 ng
RT: 8.66 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	30.2
79	10.1	0.0	27.9





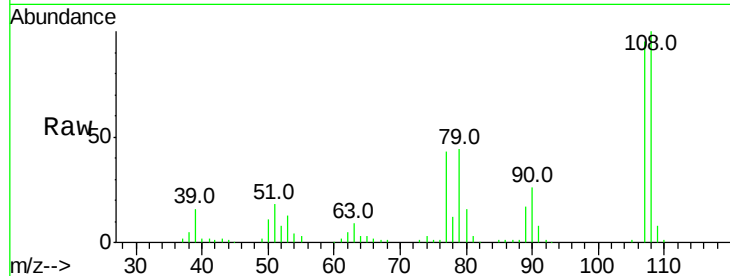
#17
2-Methylphenol
Concen: 40.056 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

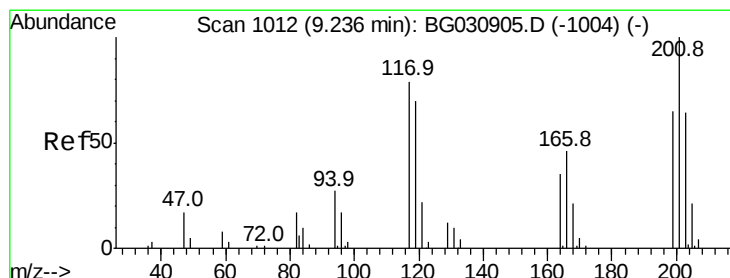
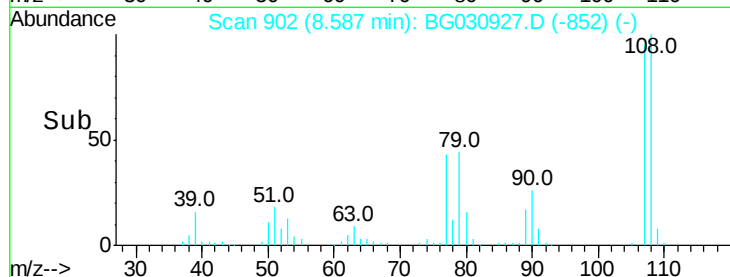
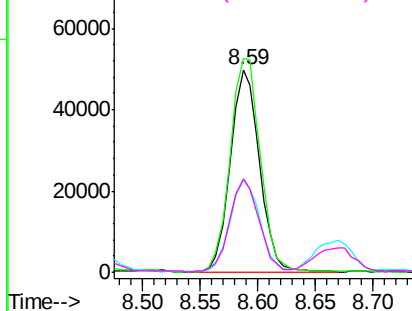
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.3	83.9	125.9	
77	45.4	37.2	55.8	
79	46.3	36.2	54.2	

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM



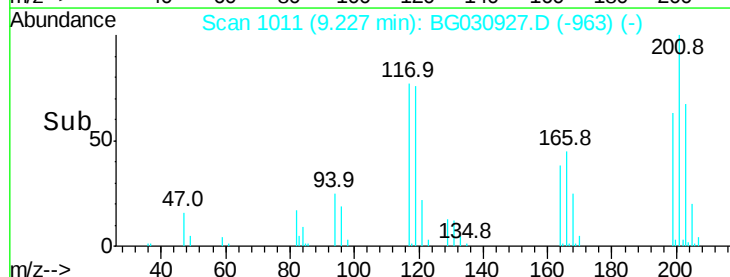
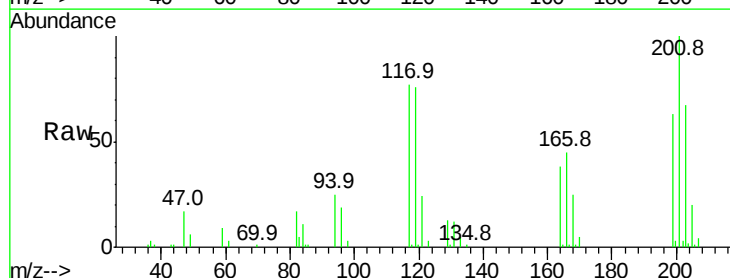
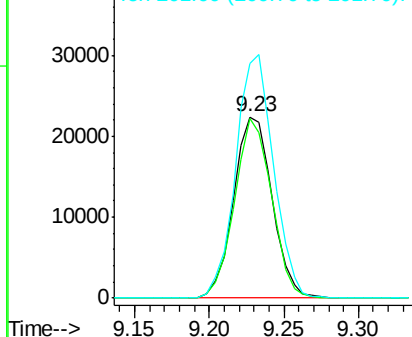
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

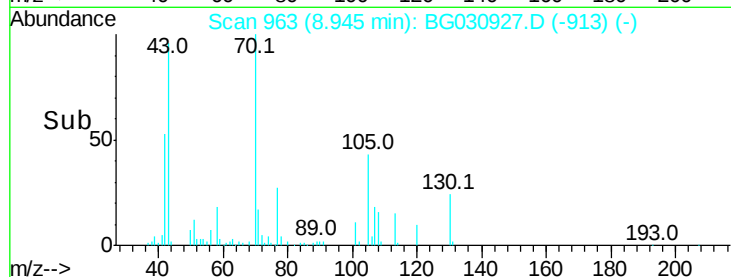
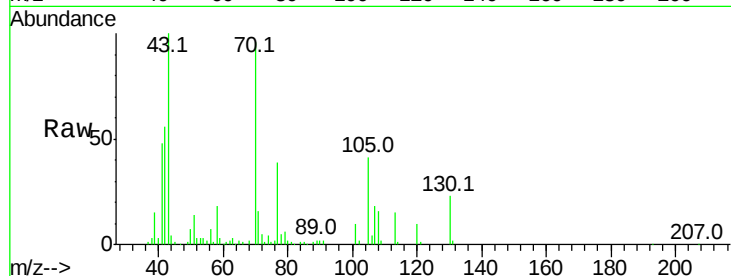
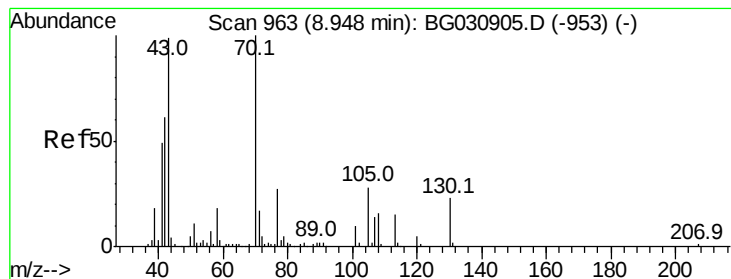


#18
Hexachloroethane
Concen: 39.148 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.2	76.7	115.1	
201	129.9	95.7	143.5	

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: 32.306 ng

RT: 8.95 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Tot Ion:	70	Resp:	74287
Ion Ratio	Lower	Upper	
70	100		
42	58.2	49.1	73.7
101	10.5	8.5	12.7
130	23.9	13.4	20.0#

Instrument :

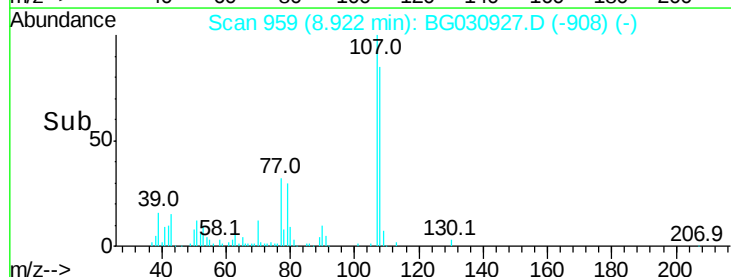
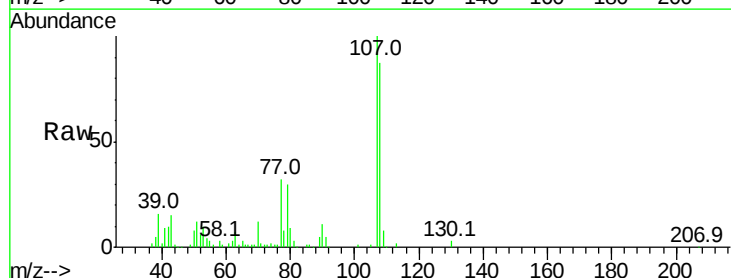
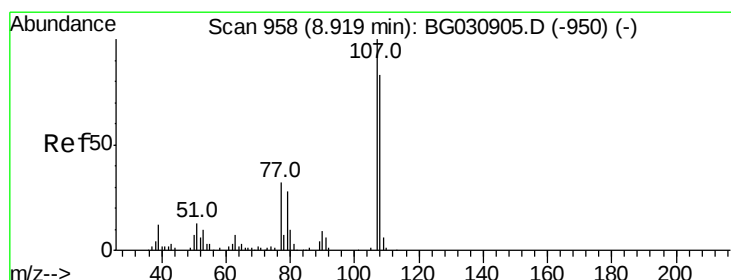
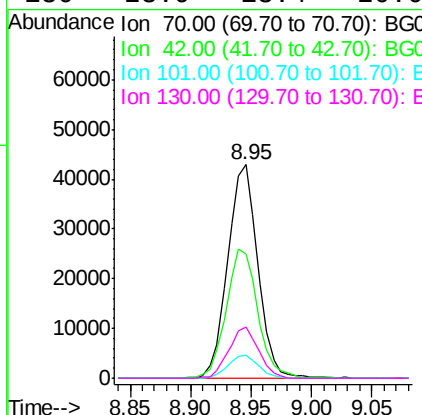
BNA_G

ClientSampleId :

PB104155BS

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM



#20

3+4-Methylphenols

Concen: 38.094 ng

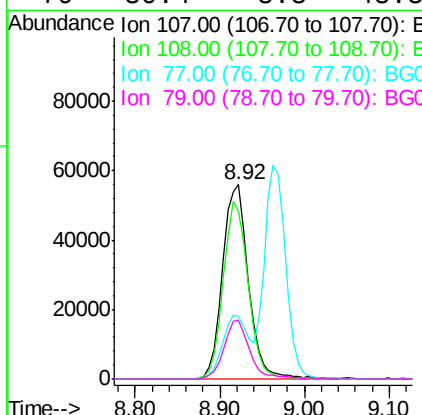
RT: 8.92 min Scan# 959

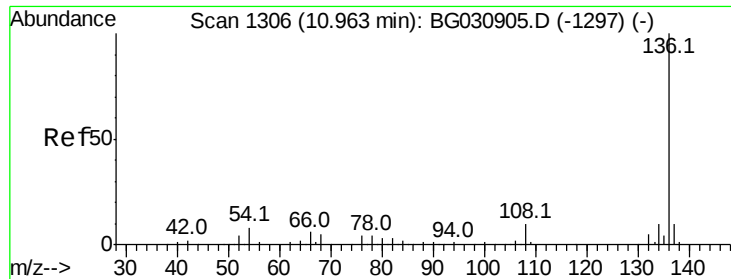
Delta R.T. -0.00 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Tgt Ion:	107	Resp:	118471
Ion Ratio	Lower	Upper	
107	100		
108	86.5	61.6	101.6
77	32.4	13.9	53.9
79	30.4	8.8	48.8





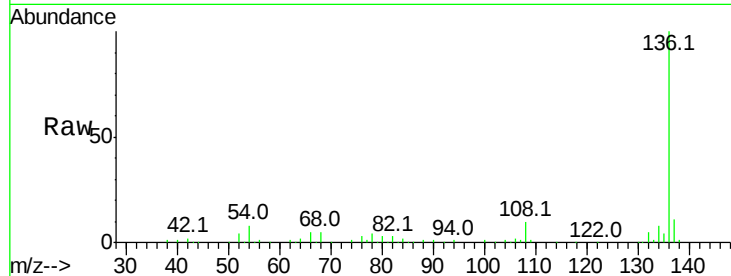
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

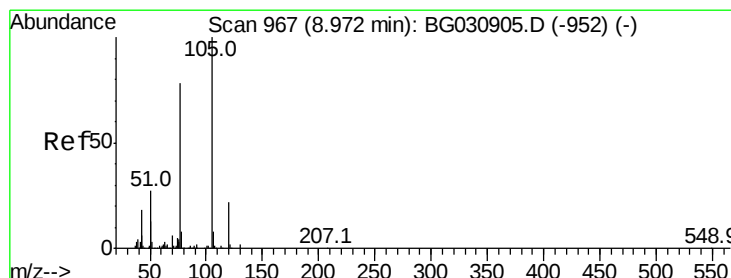
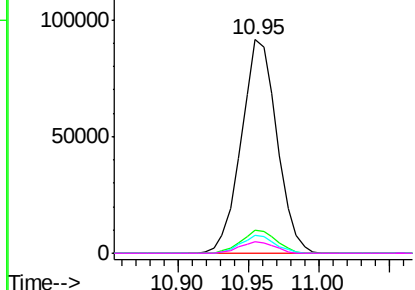
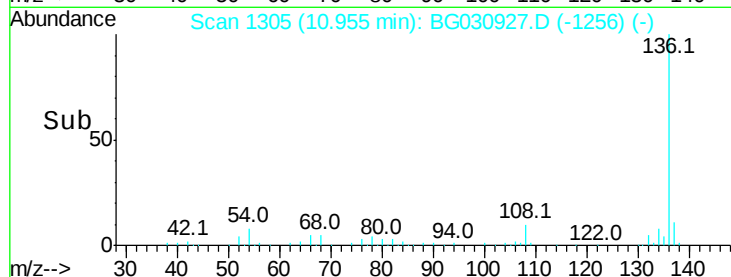
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.4	10.3	15.5#
68	5.2	4.5	6.7

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM

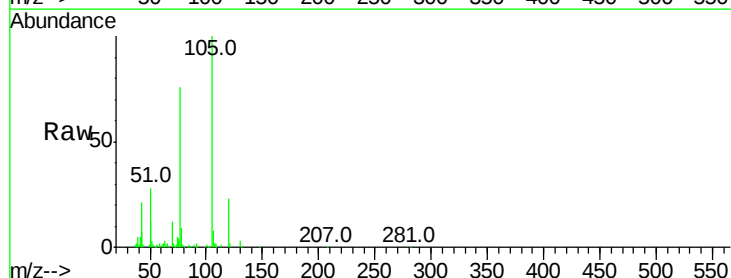


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

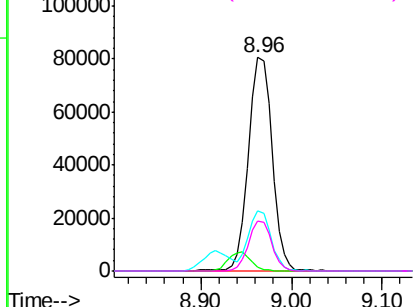
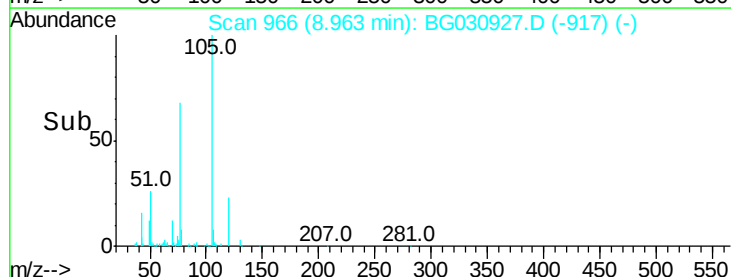


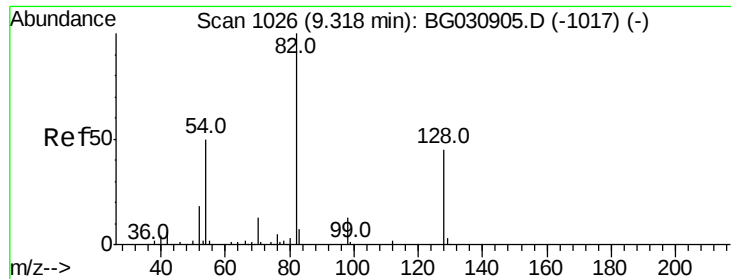
#22
Acetophenone
Concen: 36.590 ng
RT: 8.96 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.1	3.0	4.4#
51	28.0	26.1	39.1
120	23.5	17.4	26.2



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





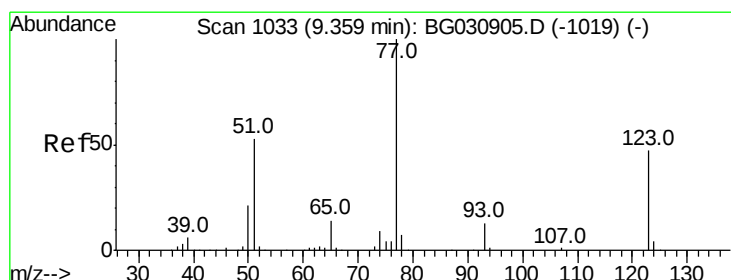
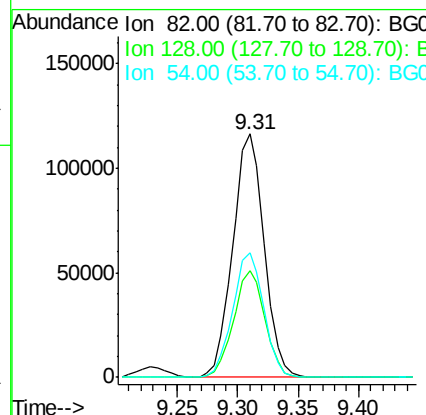
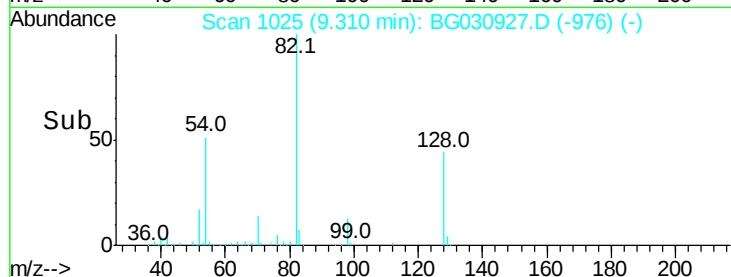
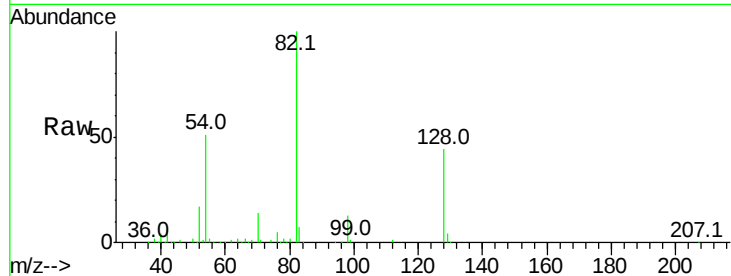
#23
Nitrobenzene-d5
Concen: 76.975 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.6	29.7	44.5	
54	51.2	43.1	64.7	

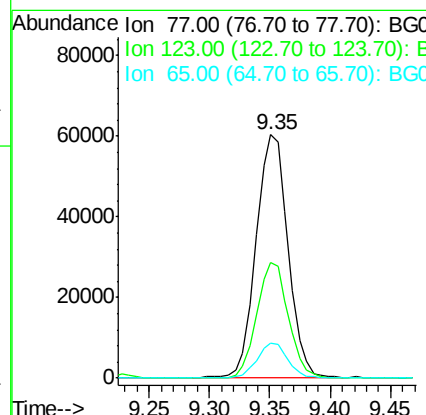
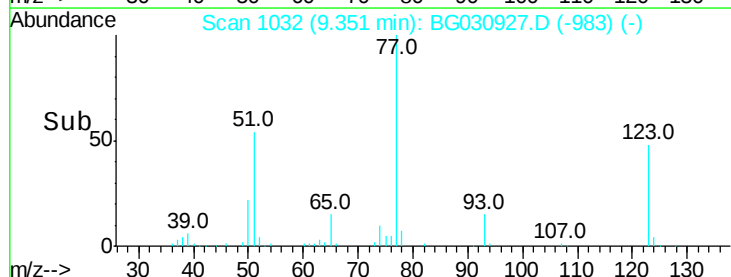
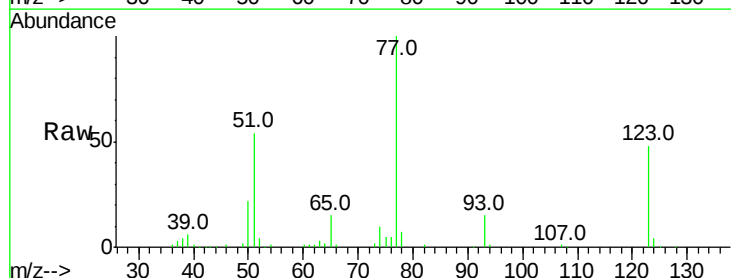
Manual Integrations
APPROVED

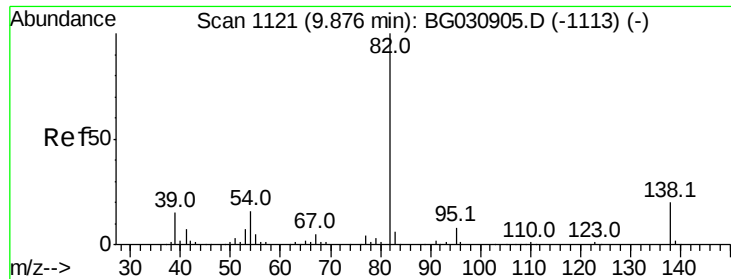
SOHIL
11/13/2017 4:45:14 PM



#24
Nitrobenzene
Concen: 39.905 ng
RT: 9.35 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.6	33.0	49.6	
65	14.6	13.0	19.6	





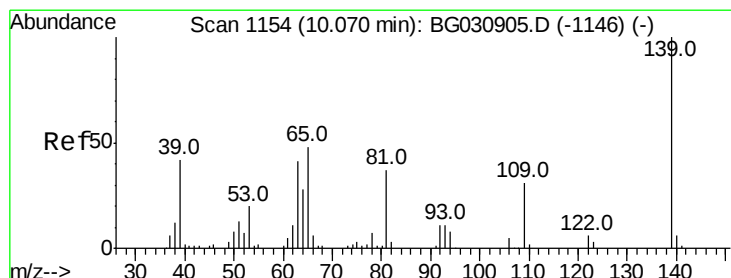
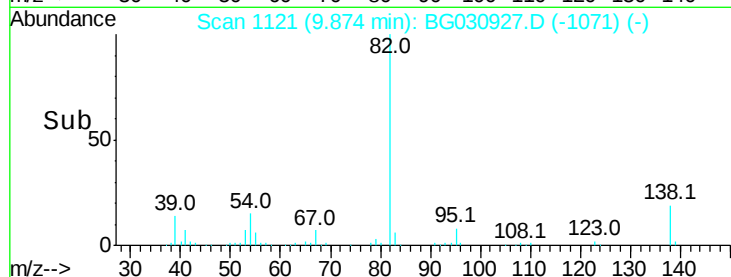
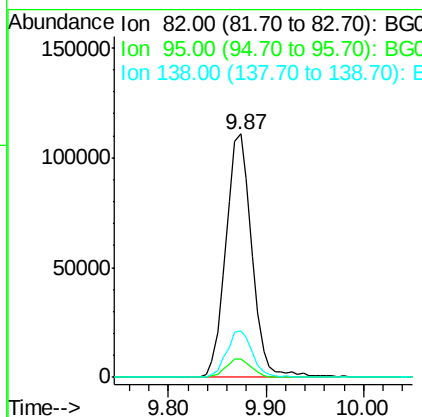
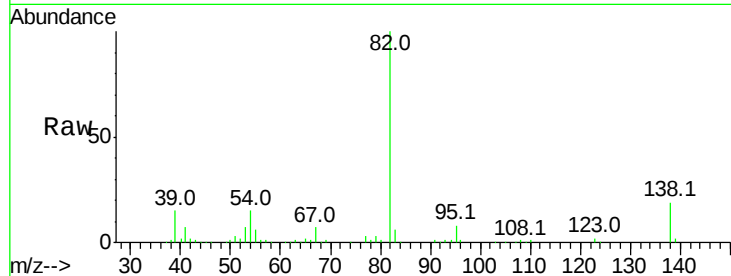
#25
Isophorone
Concen: 38.658 ng
RT: 9.87 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	7.7	6.2	9.2
138	19.0	12.1	18.1#

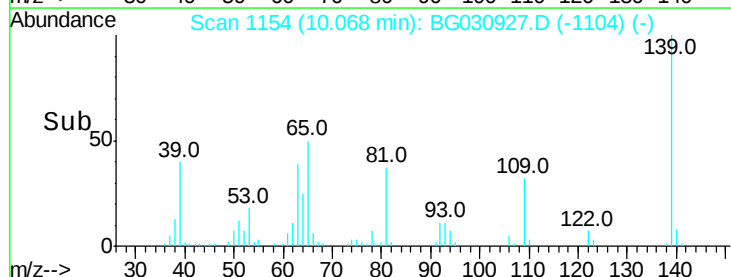
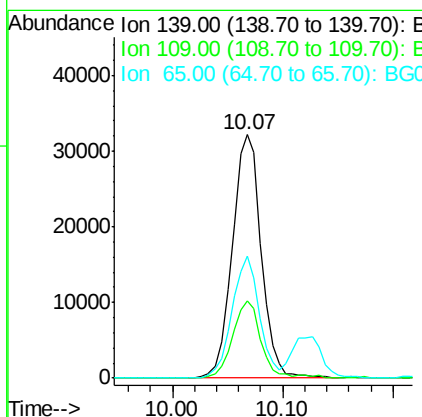
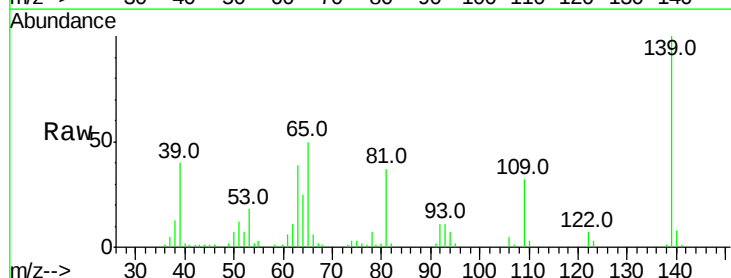
Manual Integrations
APPROVED

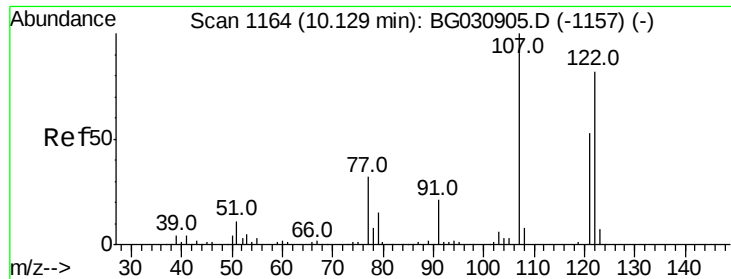
SOHIL
11/13/2017 4:45:14 PM



#26
2-Nitrophenol
Concen: 40.589 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	31.6	24.2	36.2
65	50.4	47.4	71.0





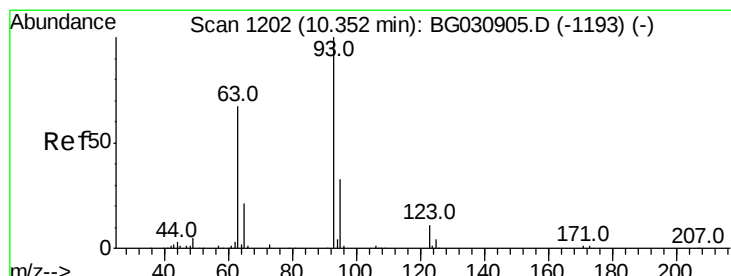
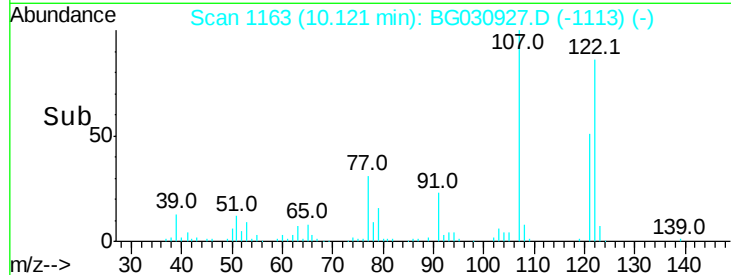
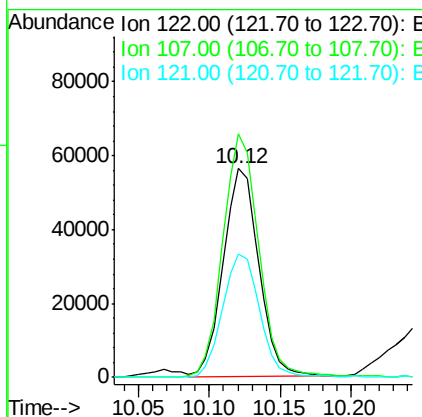
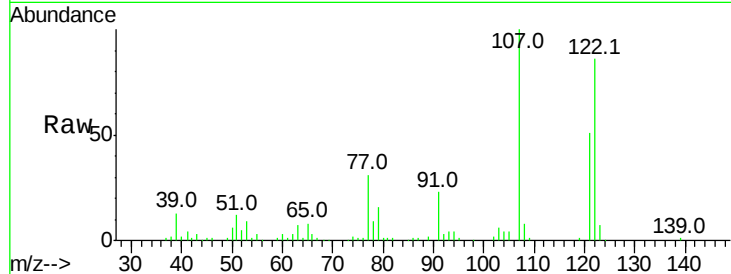
#27
 2,4-Dimethylphenol
 Concen: 45.545 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Instrument :
 BNA_G
 ClientSampleId :
 PB104155BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		98203		
107	116.6	100.2		150.2	
121	58.9	44.4		66.6	

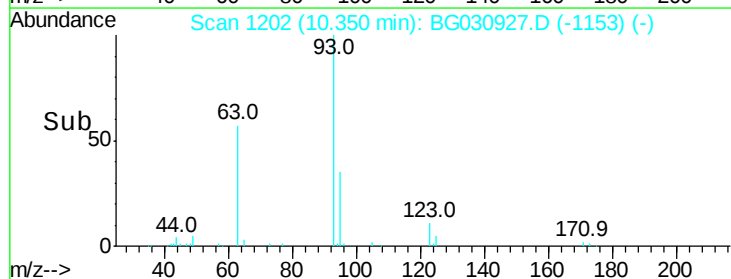
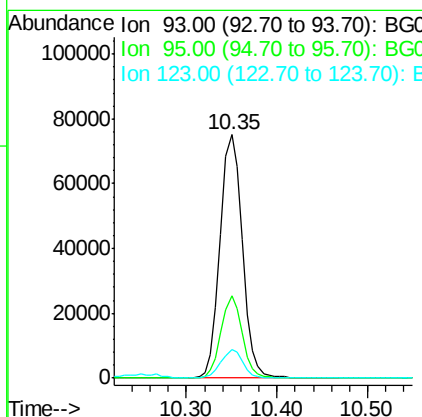
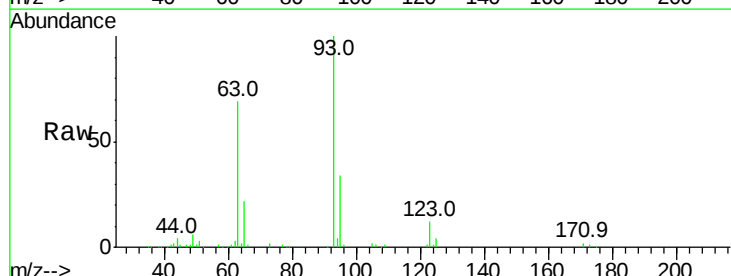
Manual Integrations
 APPROVED

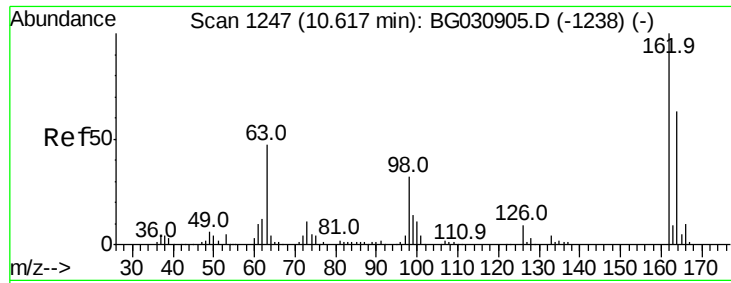
SOHIL
 11/13/2017 4:45:14 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.286 ng
 RT: 10.35 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		128278		
95	33.7	24.3		36.5	
123	11.9	8.4		12.6	





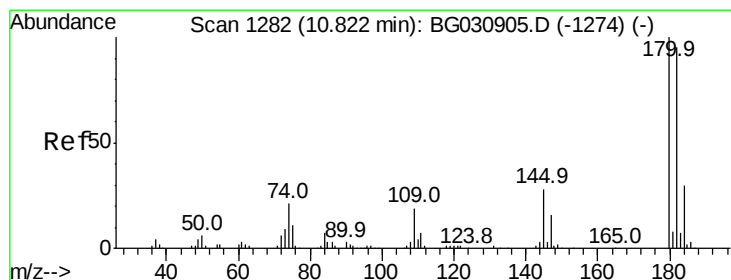
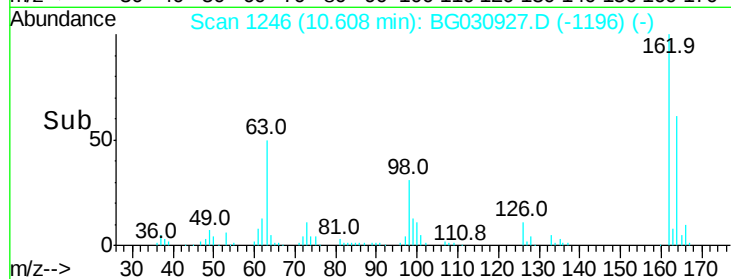
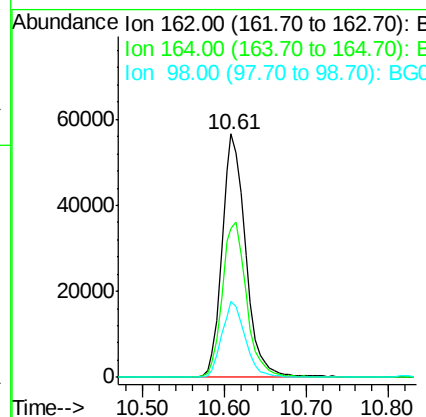
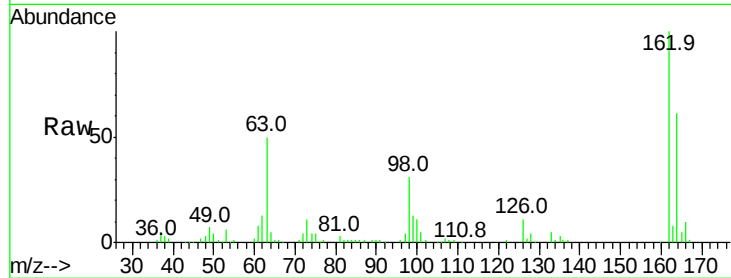
#29
 2,4-Dichlorophenol
 Concen: 43.840 ng
 RT: 10.61 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Instrument :
 BNA_G
 ClientSampleId :
 PB104155BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.2	48.0	88.0
98	31.2	21.1	61.1

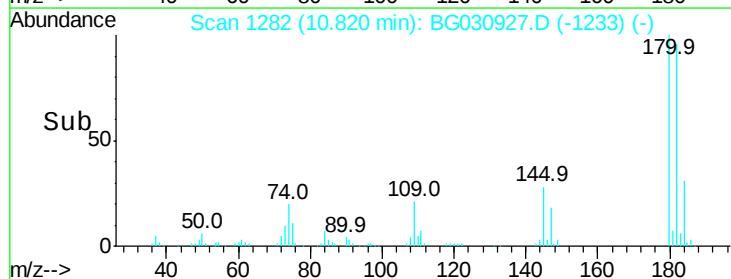
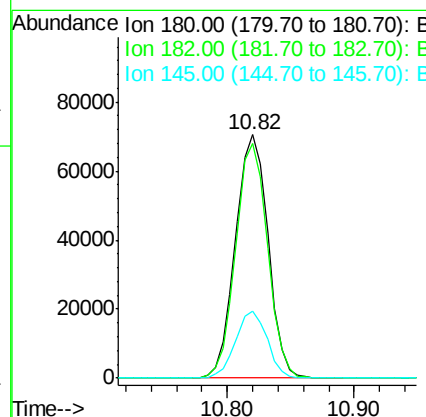
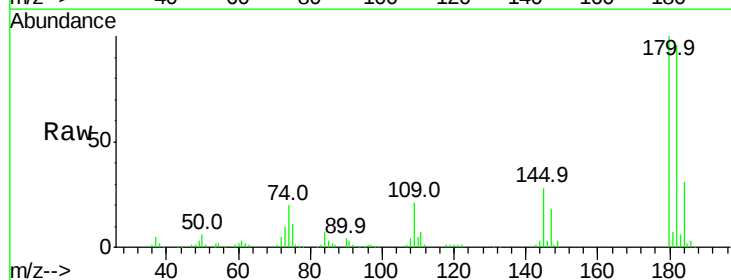
Manual Integrations
 APPROVED

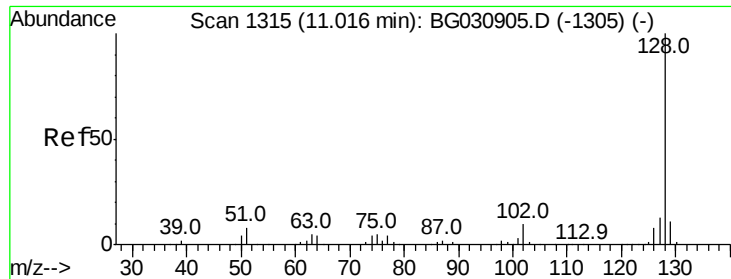
SOHIL
 11/13/2017 4:45:14 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.466 ng
 RT: 10.82 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.2	77.5	116.3
145	27.5	23.4	35.2





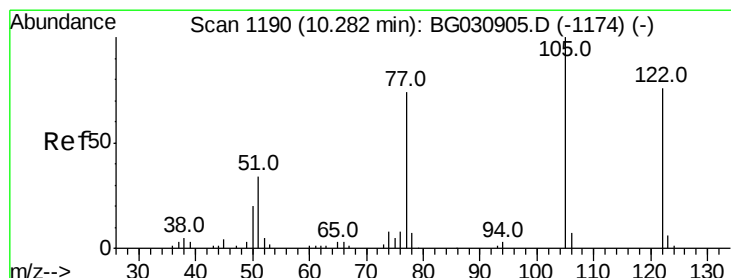
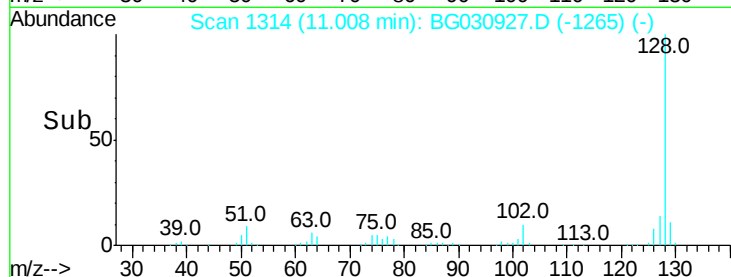
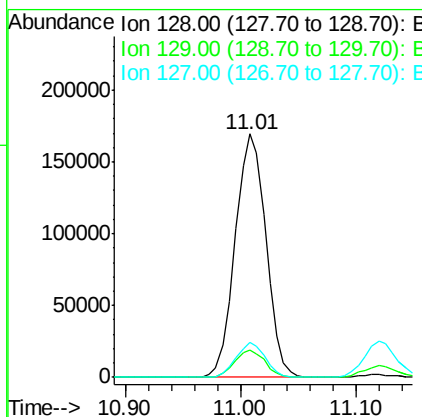
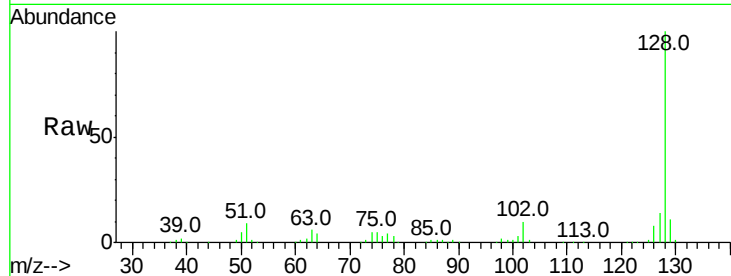
#31
Naphthalene
Concen: 39.250 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	14.3	11.6	17.4

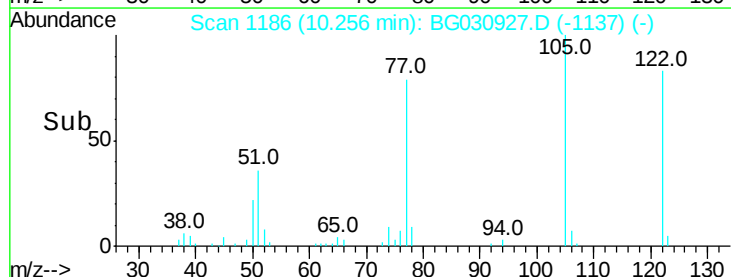
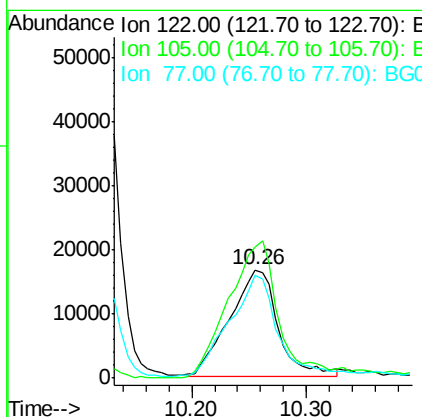
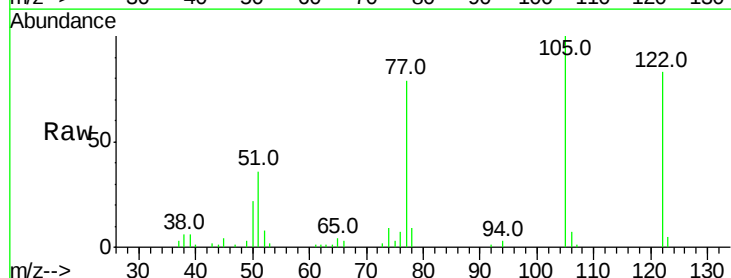
Manual Integrations
APPROVED

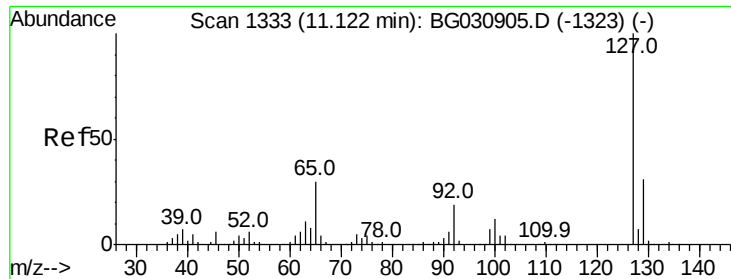
SOHIL
11/13/2017 4:45:14 PM



#32
Benzoic acid
Concen: 29.834 ng m
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	123.5	163.5#
77	95.0	85.7	125.7





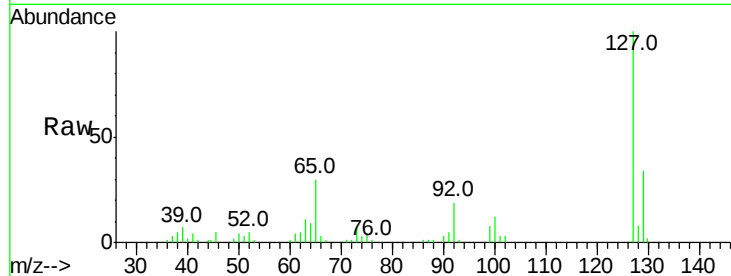
#33
 4-Chloroaniline
 Concen: 14.849 ng
 RT: 11.12 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Instrument :
 BNA_G
 ClientSampleId :
 PB104155BS

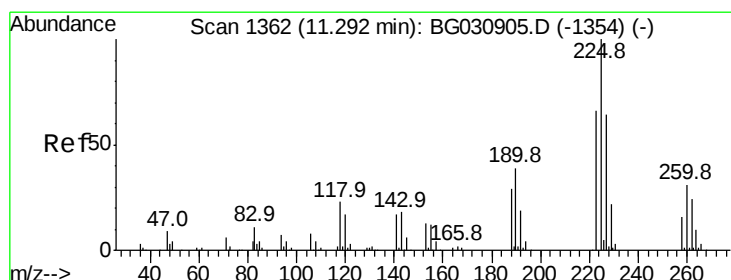
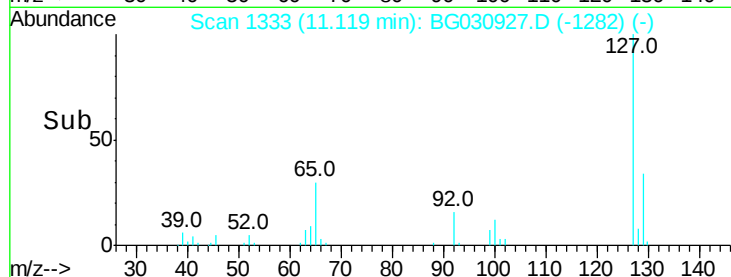
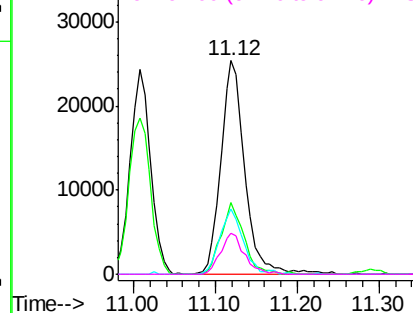
Tot Ion:	127	Resp:	51650
Ion Ratio	Lower	Upper	
127	100		
129	33.6	24.0	36.0
65	30.4	27.0	40.4
92	19.0	16.6	25.0

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:45:14 PM

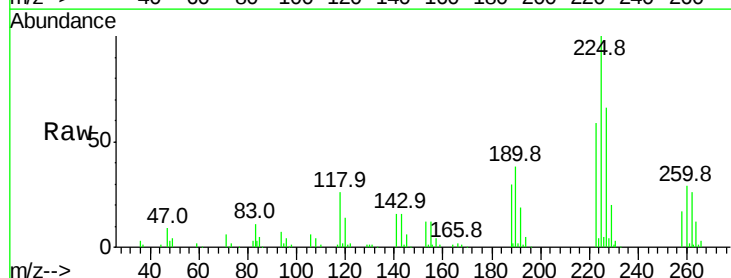


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

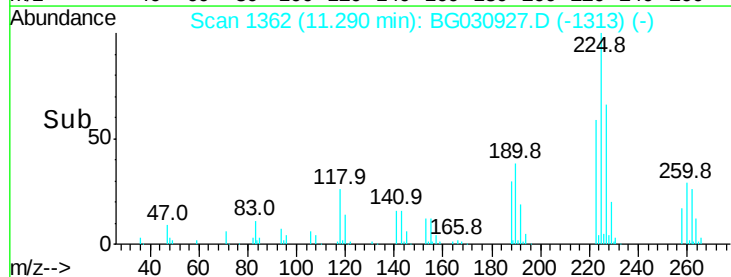
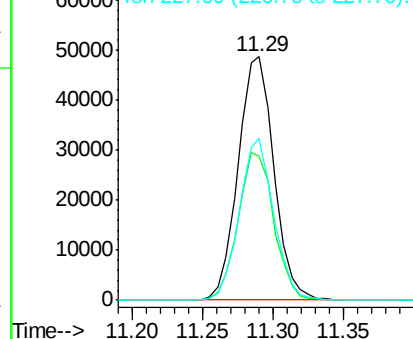


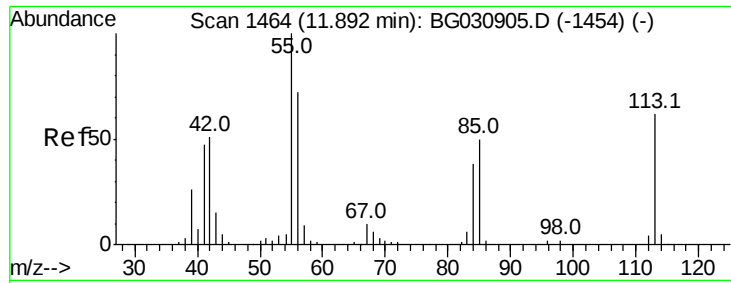
#34
 Hexachlorobutadiene
 Concen: 40.133 ng
 RT: 11.29 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Tgt Ion:	225	Resp:	86037
Ion Ratio	Lower	Upper	
225	100		
223	59.2	49.7	74.5
227	66.3	48.1	72.1



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





#35

Caprolactam

Concen: 37.339 ng/mL

RT: 11.92 min Scan# 1469

Delta R.T. 0.03 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

ClientSampled :

PB104155BS

Tot Ion:113 Resp: 39493

Ion Ratio Lower Upper

113 100

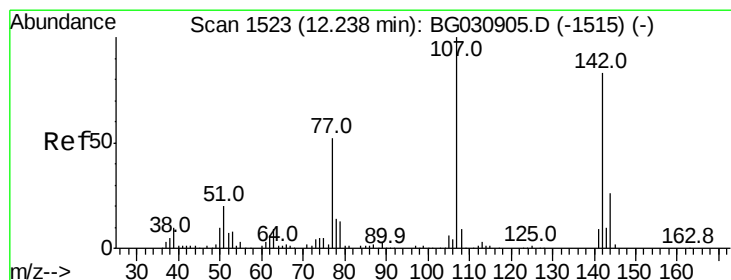
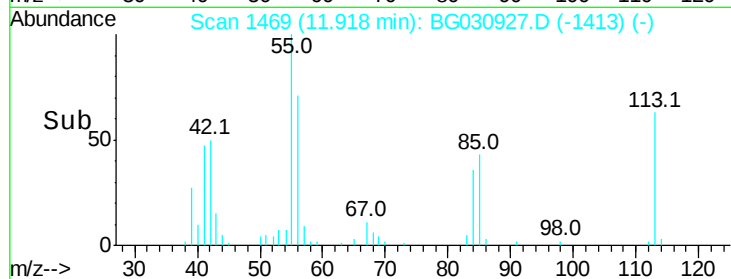
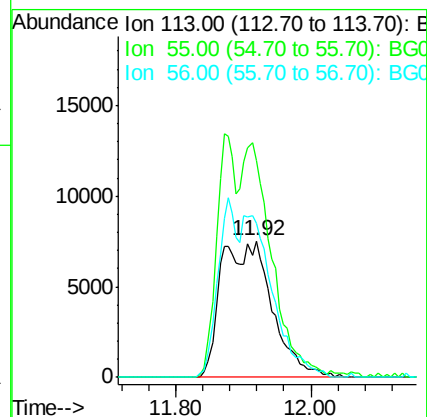
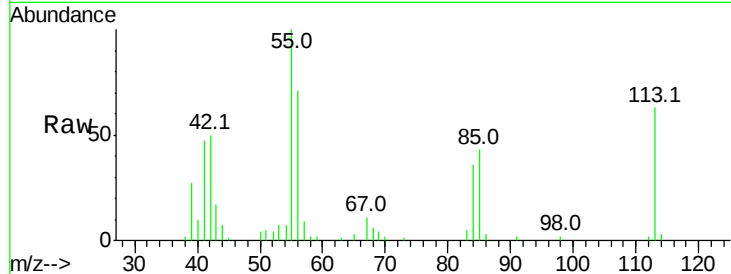
55 158.7 186.9 226.9#

56 112.4 130.9 170.9#

Manual Integrations
APPROVED

SOHIL

11/13/2017 4:45:14 PM



#36

4-Chloro-3-methylphenol

Concen: 41.075 ng/mL

RT: 12.24 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

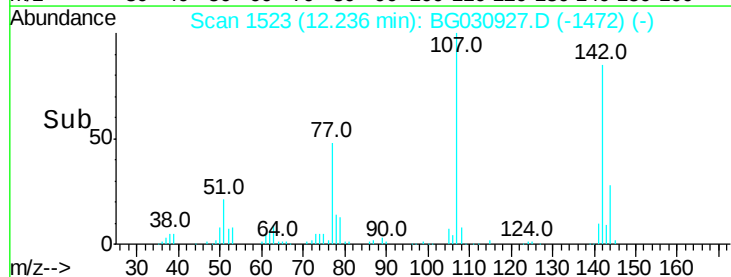
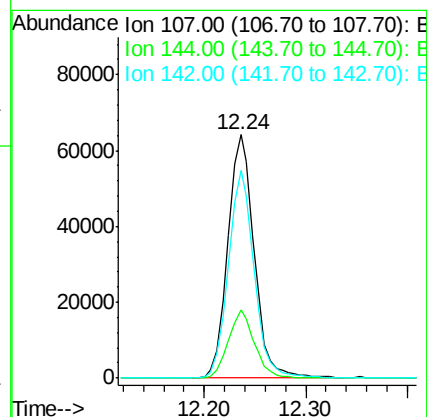
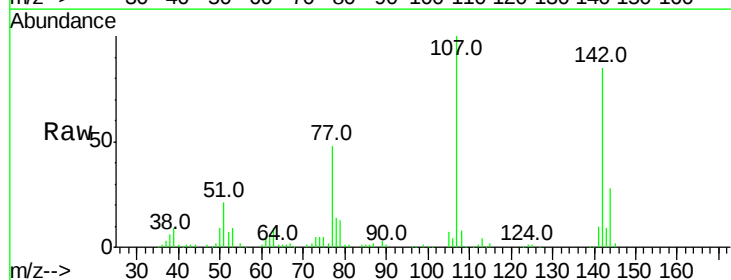
Tgt Ion:107 Resp: 115750

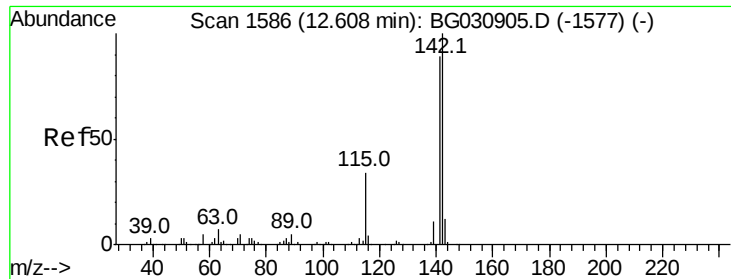
Ion Ratio Lower Upper

107 100

144 28.0 18.2 27.4#

142 85.1 59.0 88.4





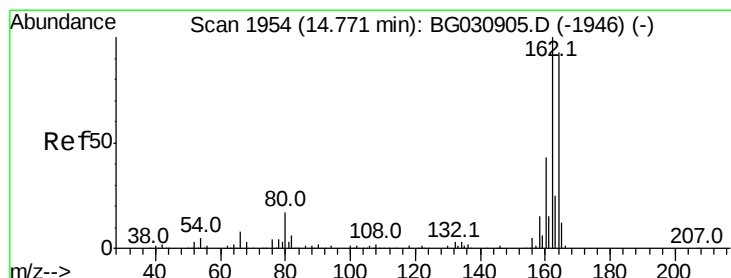
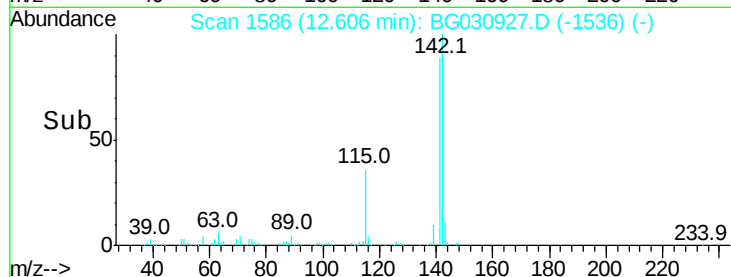
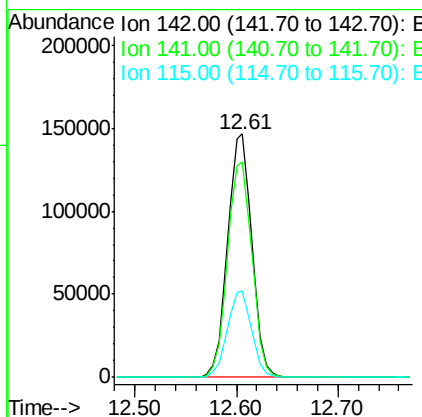
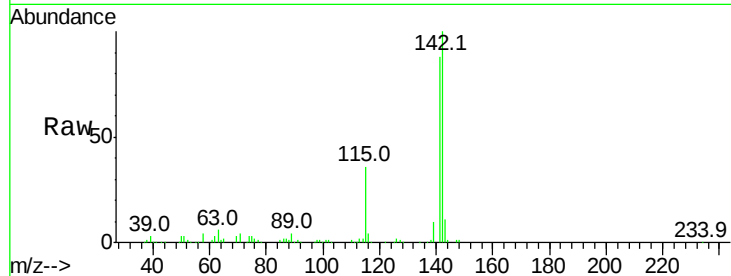
#37
2-Methylnaphthalene
Concen: 39.480 ng
RT: 12.61 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	67.1	100.7
115	35.5	30.7	46.1

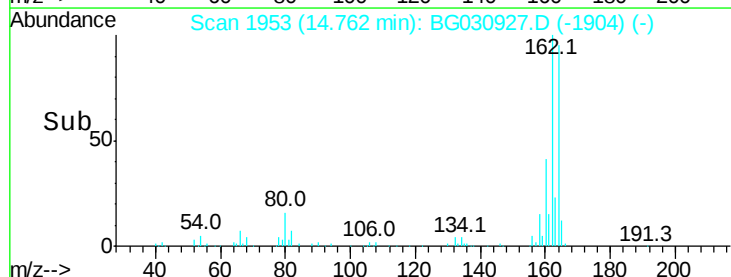
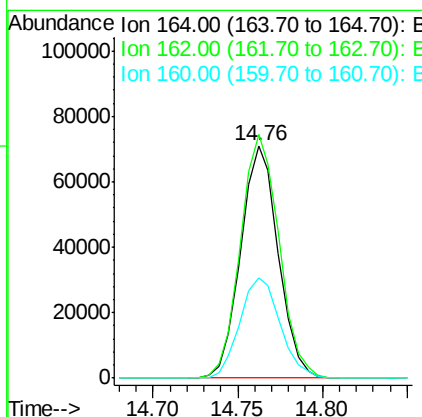
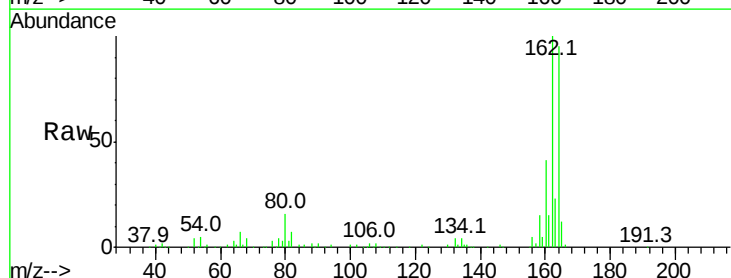
Manual Integrations
APPROVED

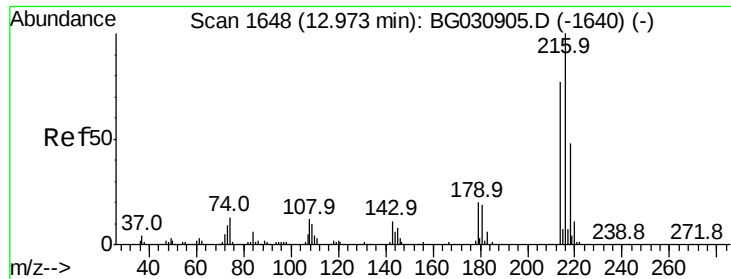
SOHIL
11/13/2017 4:45:14 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	78.8	118.2
160	42.9	35.4	53.0





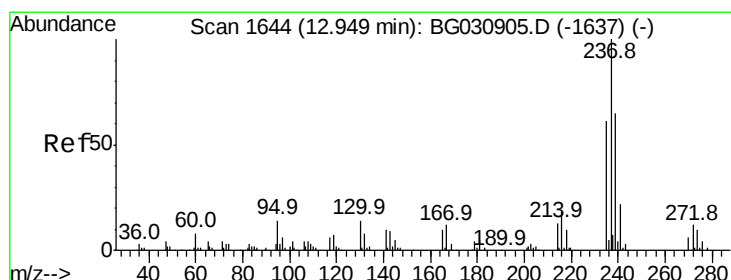
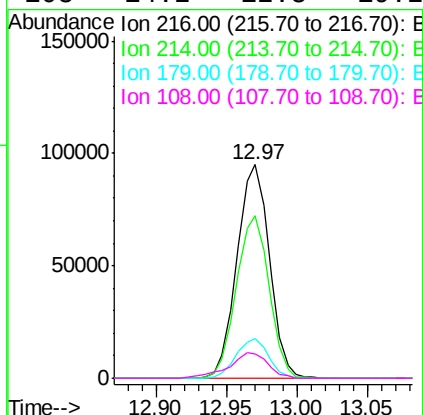
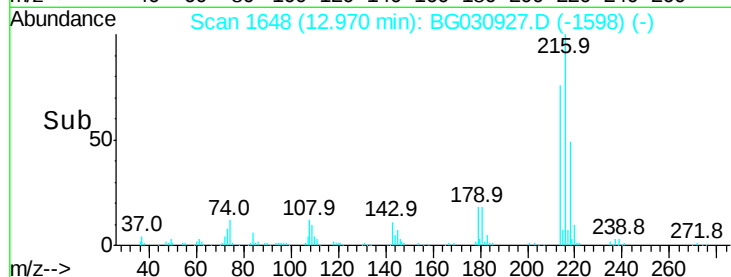
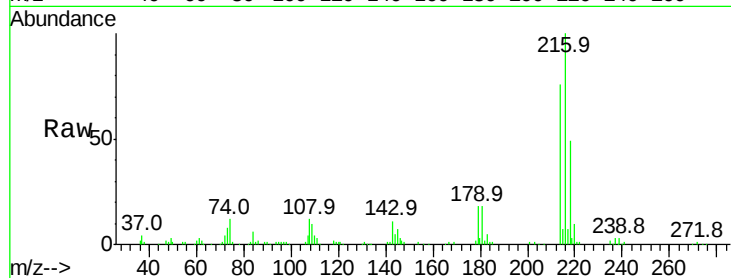
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.345 ng
 RT: 12.97 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Instrument :
 BNA_G
 ClientSampleId :
 PB104155BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	153224		
214	76.3	63.0	94.4	
179	18.4	17.0	25.6	
108	14.2	12.8	19.2	

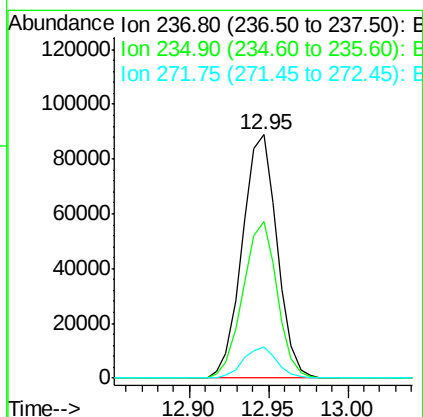
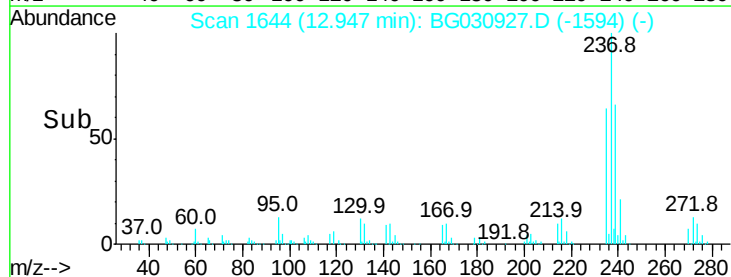
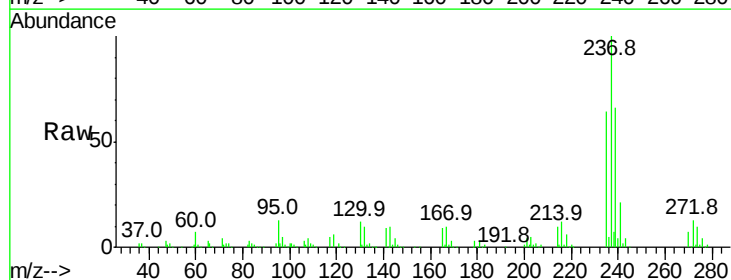
Manual Integrations
 APPROVED

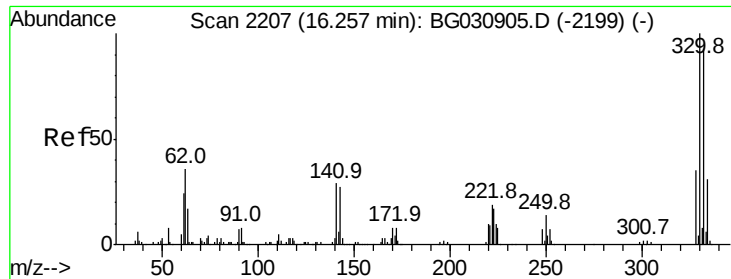
SOHIL
 11/13/2017 4:45:14 PM



#40
 Hexachlorocyclopentadiene
 Concen: 83.774 ng
 RT: 12.95 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	135247		
235	64.5	50.4	90.4	
272	12.8	0.0	31.8	





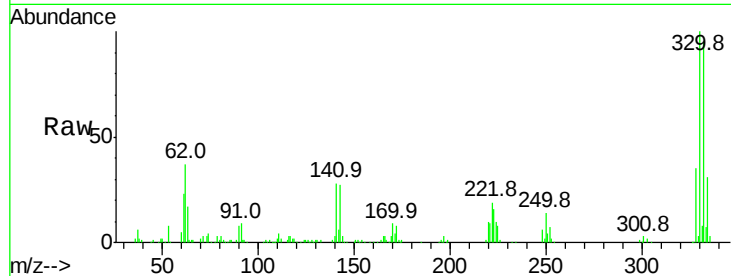
#41
 2,4,6-Tribromophenol
 Concen: 120.643 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Instrument :
 BNA_G
 ClientSampleId :
 PB104155BS

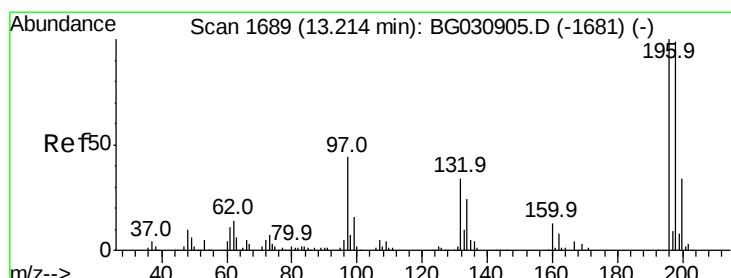
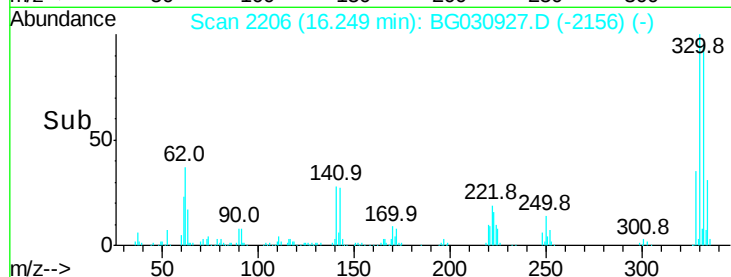
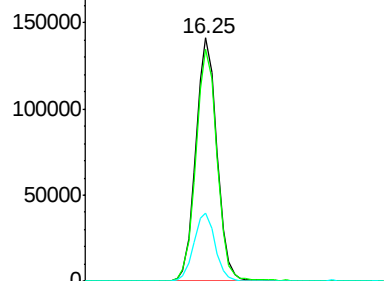
Tot Ion	Ratio	Resp	Lower	Upper
330	100	213167		
332	94.9	77.0	115.6	
141	28.4	25.2	37.8	

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:45:14 PM

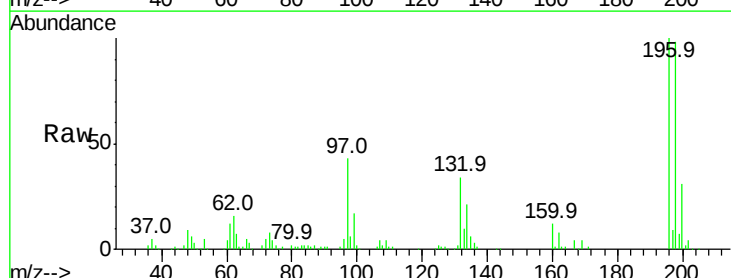


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

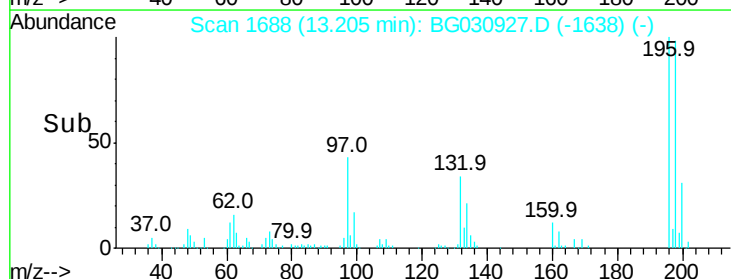
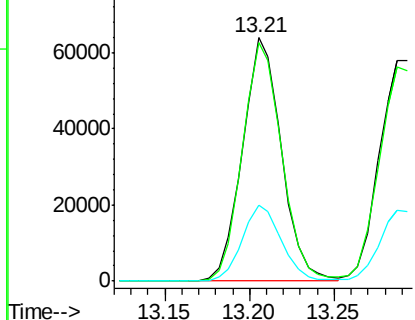


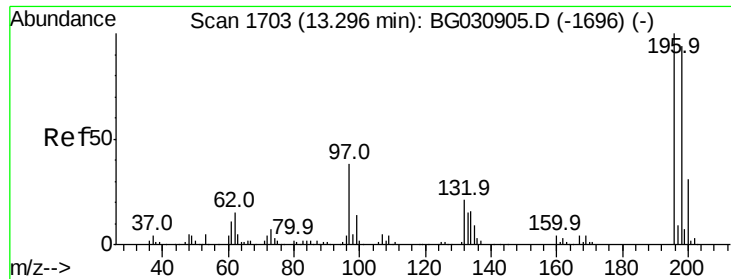
#42
 2,4,6-Trichlorophenol
 Concen: 41.375 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	102538		
198	97.8	78.2	117.2	
200	31.4	24.6	36.8	



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





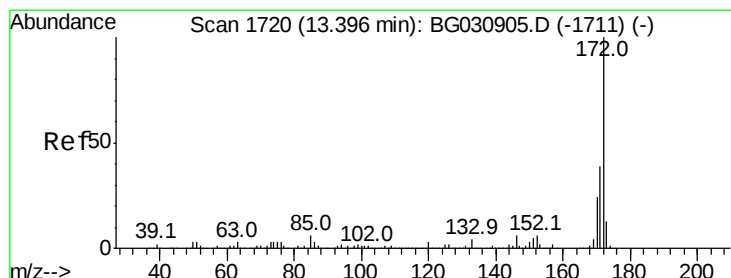
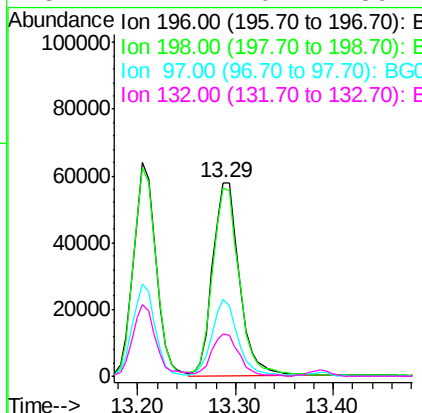
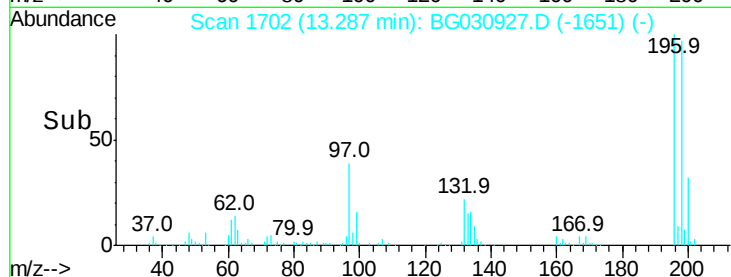
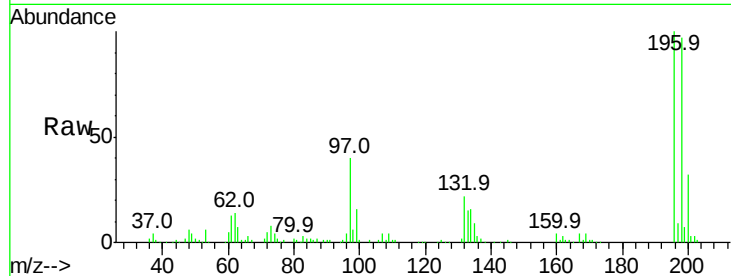
#43
 2,4,5-Trichlorophenol
 Concen: 40.776 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Instrument :
 BNA_G
 ClientSampled :
 PB104155BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	110564		
198	97.3	76.2	114.4	
97	39.7	38.7	58.1	
132	21.7	20.2	30.2	

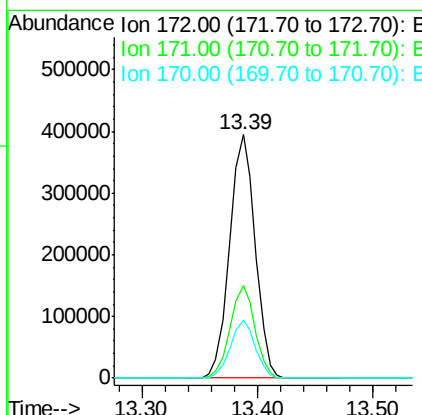
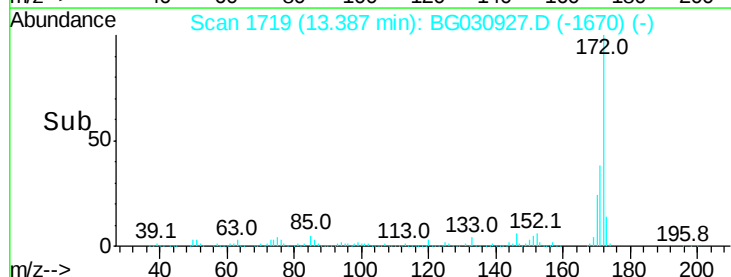
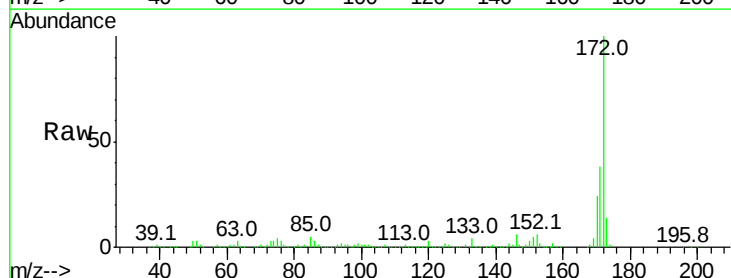
Manual Integrations
 APPROVED

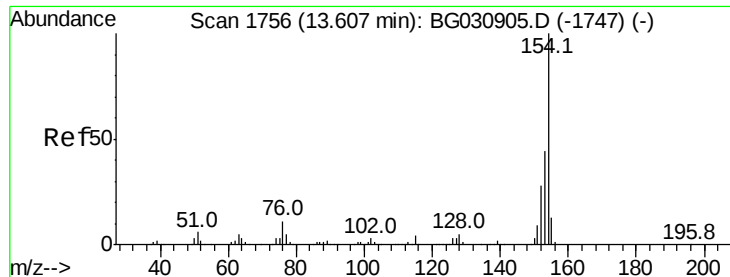
SOHIL
 11/13/2017 4:45:14 PM



#44
 2-Fluorobiphenyl
 Concen: 79.356 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	603232		
171	37.8	30.0	45.0	
170	24.0	19.5	29.3	





#45

1,1'-Biphenyl

Concen: 36.231 ng

RT: 13.60 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

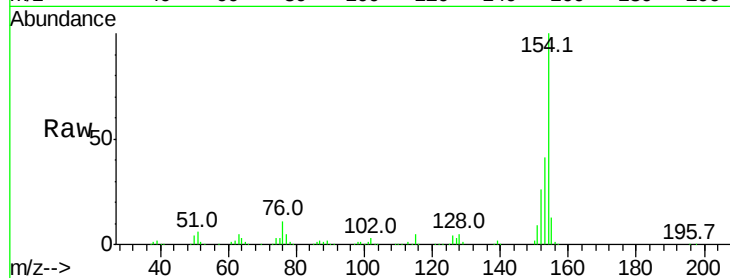
ClientSampleId :

PB104155BS

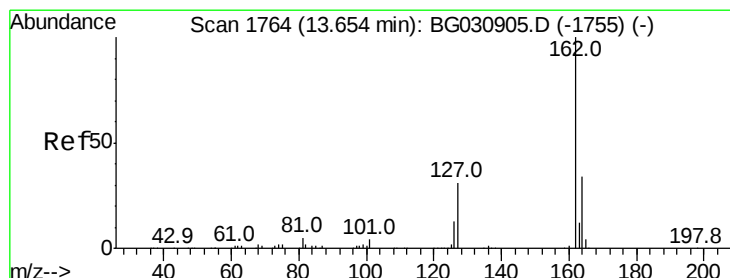
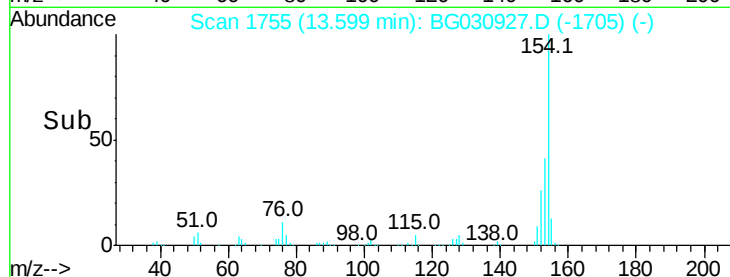
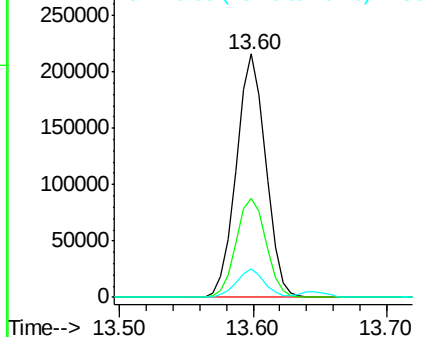
Tot Ion:	154	Resp:	328156
Ion Ratio	Lower	Upper	
154	100		
153	40.5	19.8	59.8
76	11.5	0.0	31.9

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM



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



#46

2-Chloronaphthalene

Concen: 39.840 ng

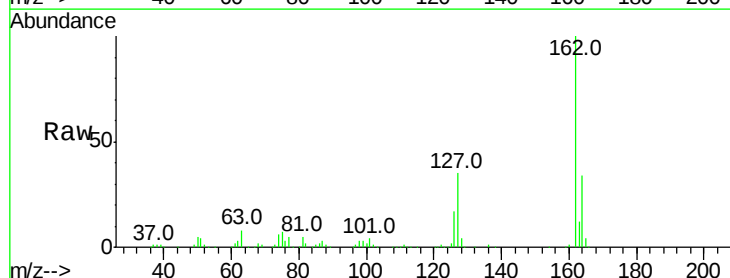
RT: 13.65 min Scan# 1763

Delta R.T. -0.01 min

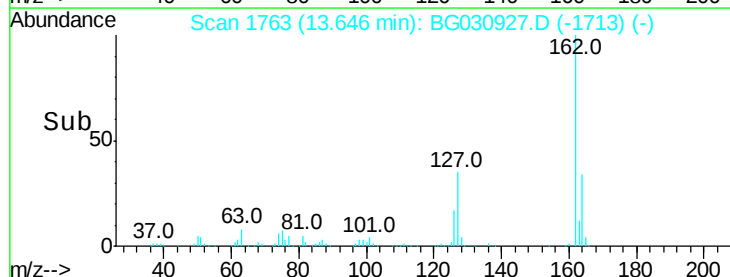
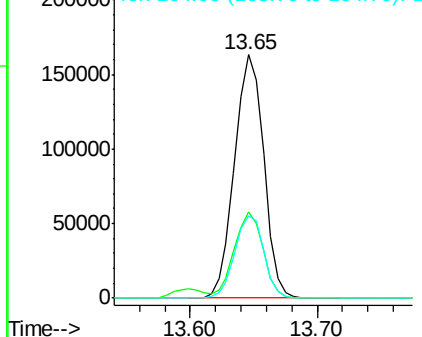
Lab File: BG030927.D

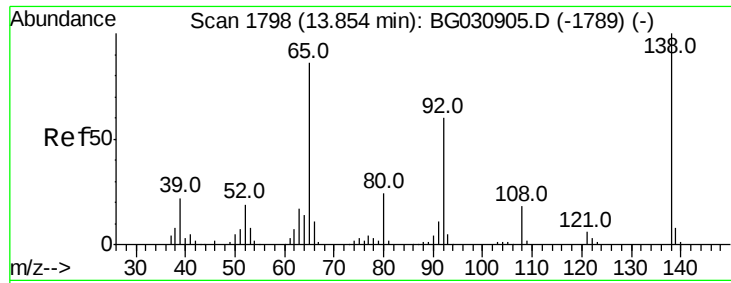
Acq: 11 Nov 2017 3:59

Tgt Ion:	162	Resp:	260351
Ion Ratio	Lower	Upper	
162	100		
127	35.2	30.7	46.1
164	33.7	26.0	39.0



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





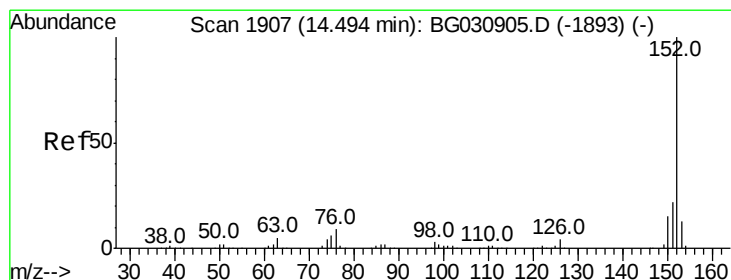
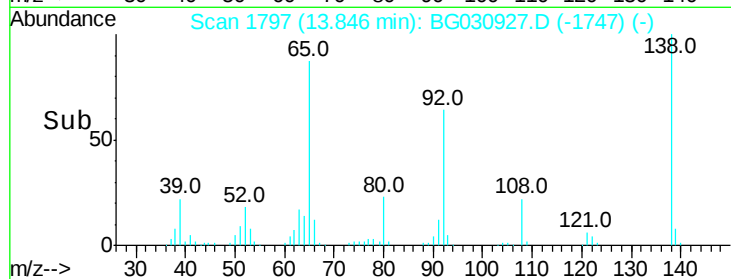
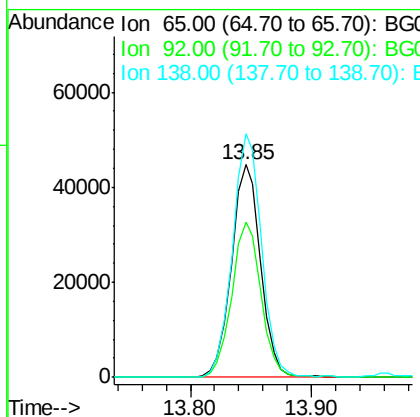
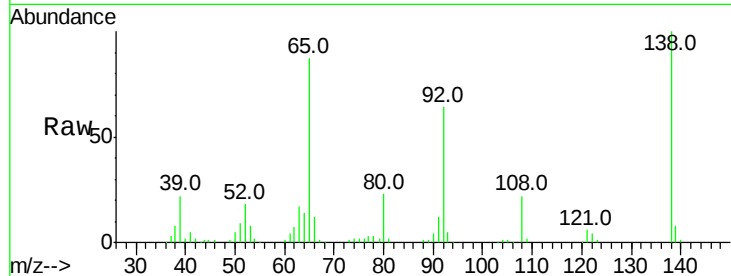
#47
2-Nitroaniline
Concen: 38.758 ng
RT: 13.85 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.0	54.6	82.0
138	114.6	72.9	109.3

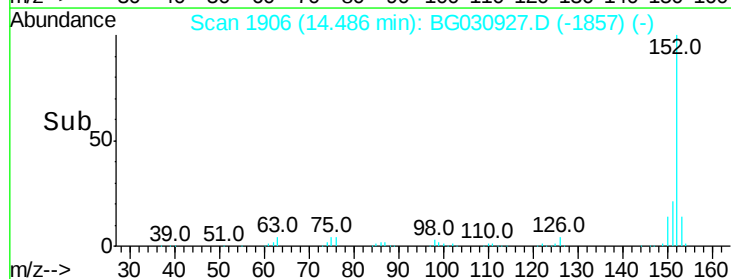
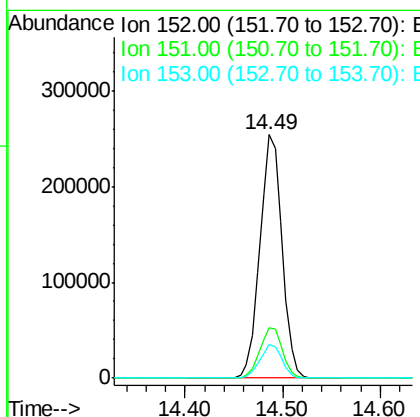
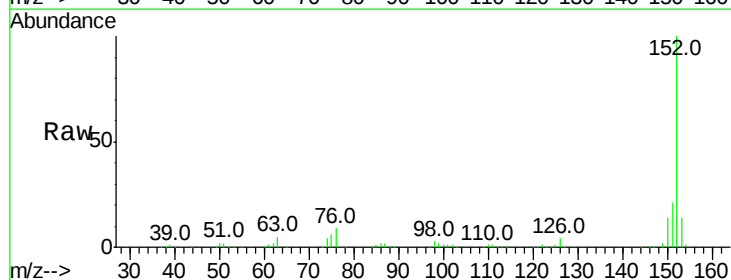
Manual Integrations
APPROVED

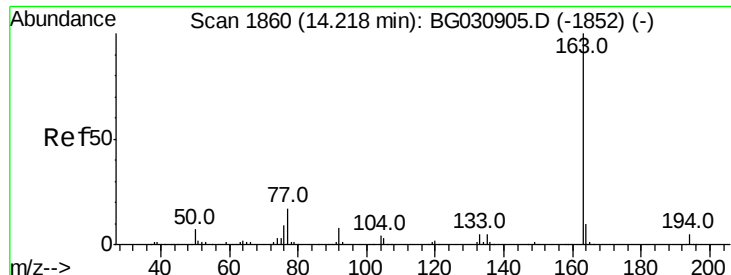
SOHIL
11/13/2017 4:45:14 PM



#48
Acenaphthylene
Concen: 37.842 ng
RT: 14.49 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	13.6	10.2	15.4





#49

Dimethylphthalate

Concen: 38.087 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

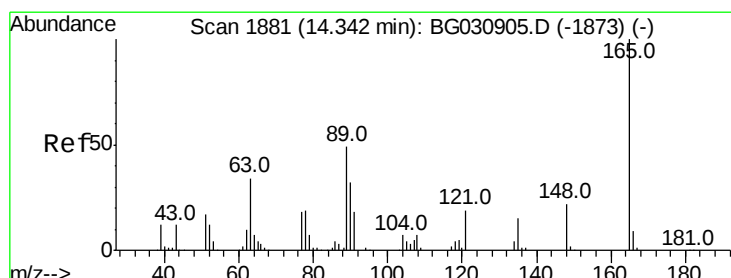
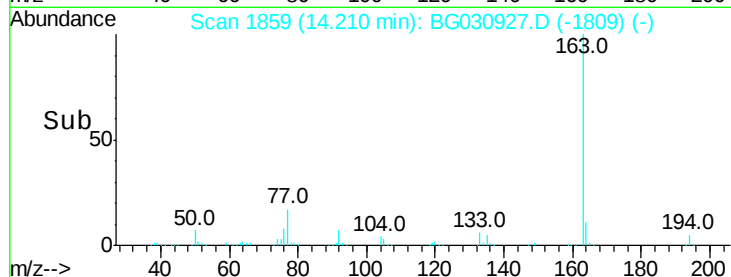
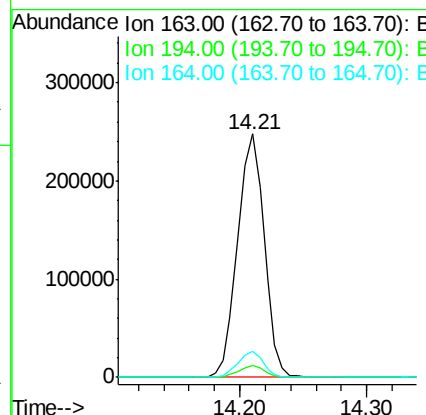
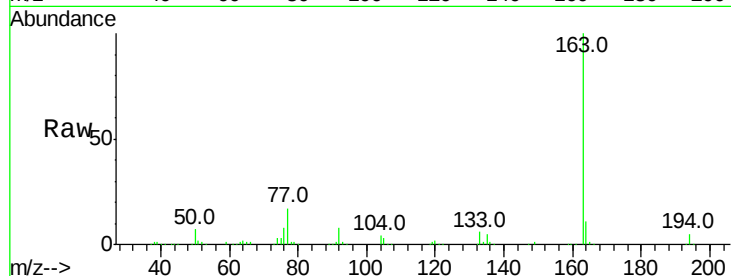
ClientSampleId :

PB104155BS

Tot Ion:	163	Resp:	359702
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.4	5.2
164	10.6	8.2	12.4

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM



#50

2,6-Dinitrotoluene

Concen: 41.557 ng

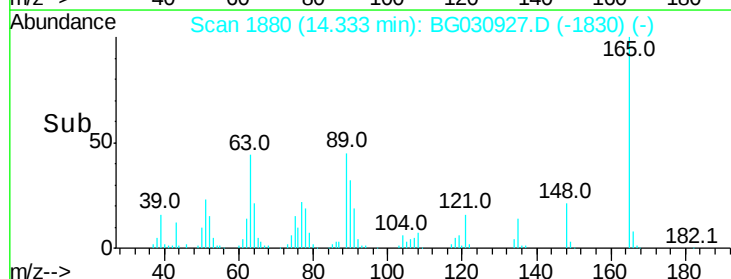
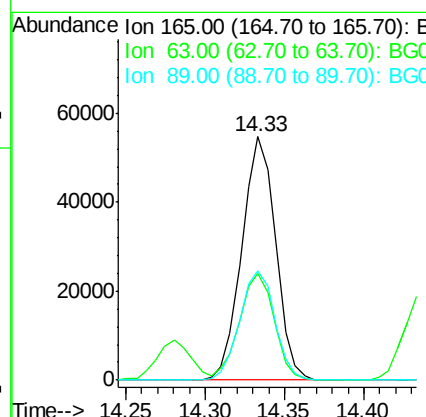
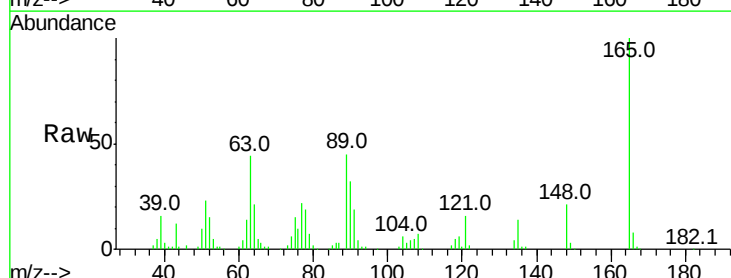
RT: 14.33 min Scan# 1880

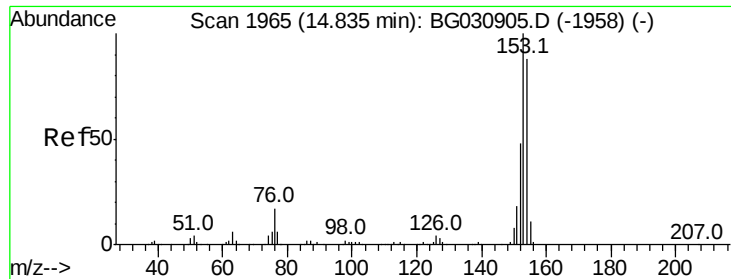
Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Tgt Ion:	165	Resp:	80894
Ion Ratio	Lower	Upper	
165	100		
63	43.7	52.7	79.1#
89	45.0	49.2	73.8#





#51

Acenaphthene

Concen: 37.537 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

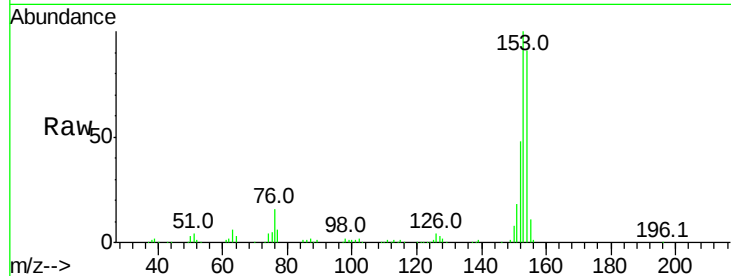
ClientSampleId :

PB104155BS

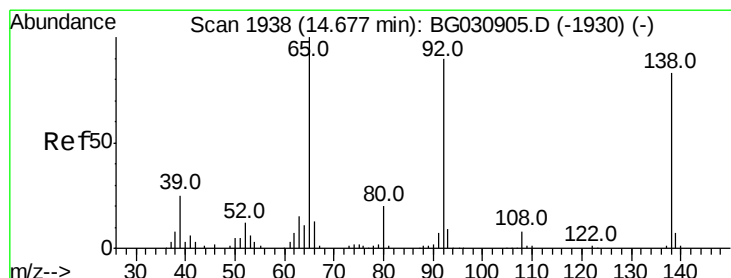
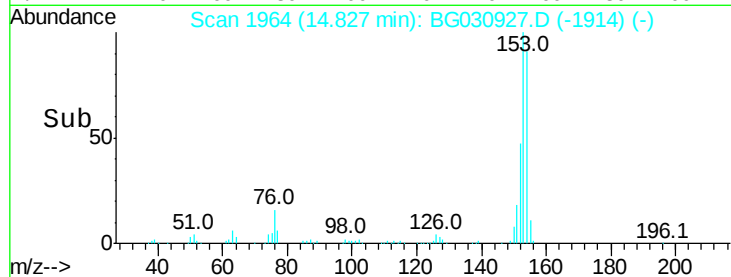
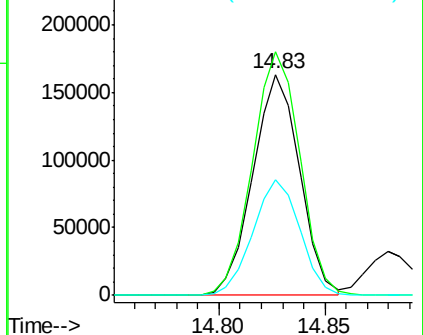
Tot Ion:	154	Resp:	250745
Ion Ratio	Lower	Upper	
154	100		
153	110.4	90.4	135.6
152	52.5	41.6	62.4

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM



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



#52

3-Nitroaniline

Concen: 18.867 ng

RT: 14.67 min Scan# 1937

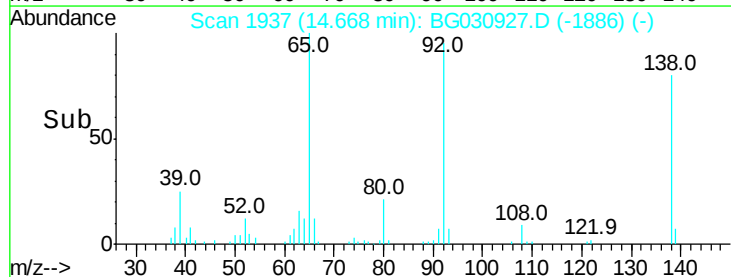
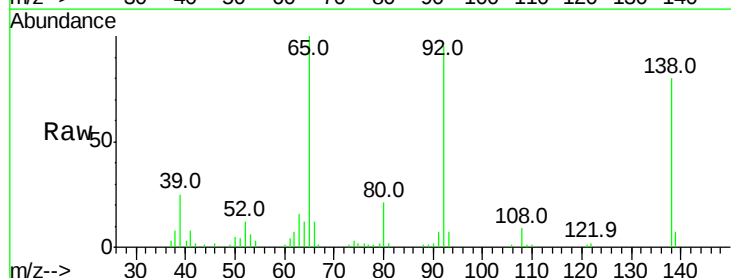
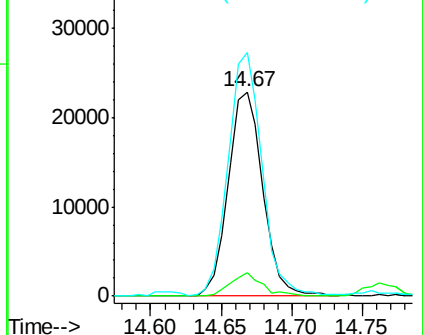
Delta R.T. -0.00 min

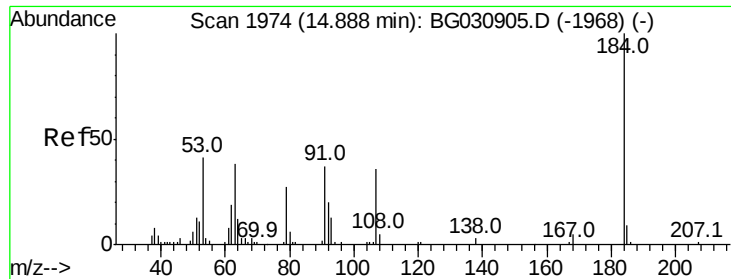
Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Tgt Ion:	138	Resp:	38997
Ion Ratio	Lower	Upper	
138	100		
108	11.4	17.5	26.3#
92	119.3	105.8	158.8

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





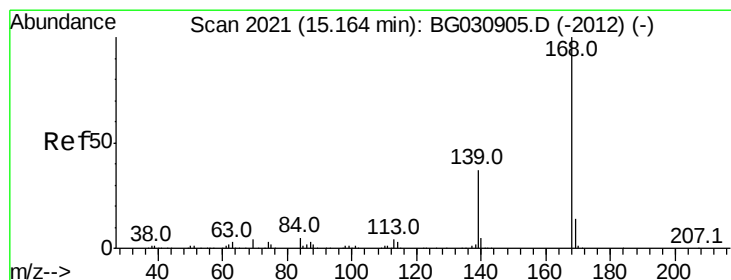
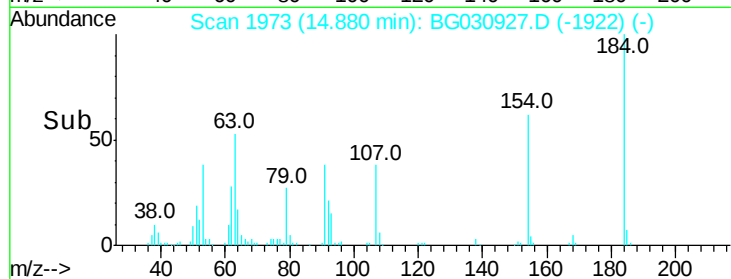
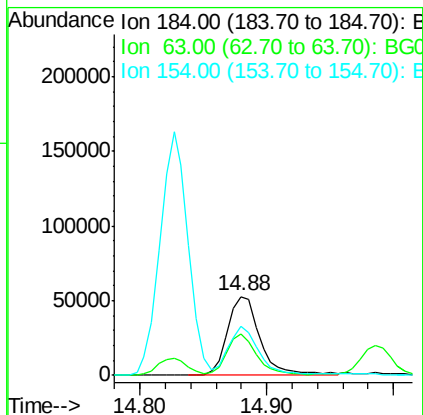
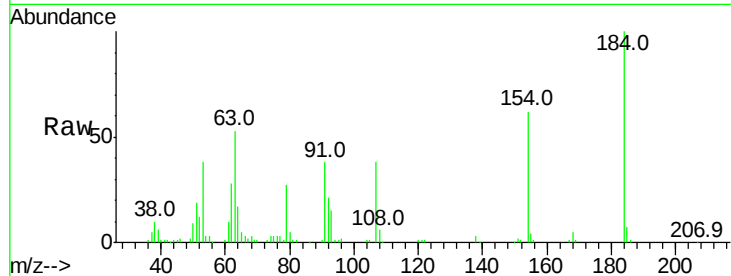
#53
2,4-Dinitrophenol
Concen: 86.877 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Tot Ion:184 Resp: 93620
Ion Ratio Lower Upper
184 100
63 52.6 59.8 89.8#
154 62.4 101.8 152.8#

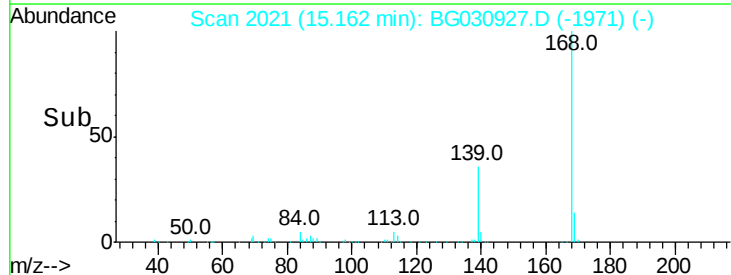
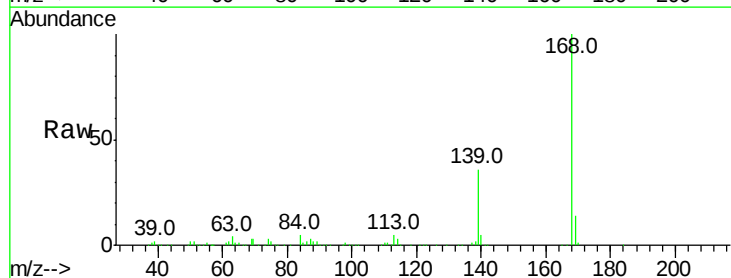
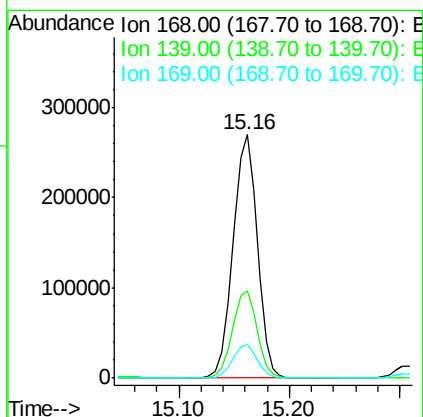
Manual Integrations
APPROVED

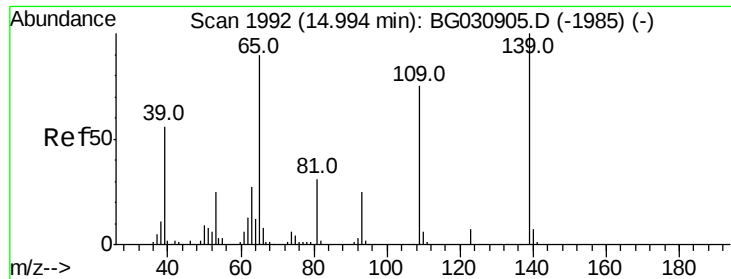
SOHIL
11/13/2017 4:45:14 PM



#54
Dibenzofuran
Concen: 39.191 ng
RT: 15.16 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion:168 Resp: 416994
Ion Ratio Lower Upper
168 100
139 35.8 28.6 43.0
169 14.0 11.2 16.8





#55

4-Nitrophenol

Concen: 86.244 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

ClientSampleId :

PB104155BS

Tot Ion:139 Resp: 126980

Ion Ratio Lower Upper

139 100

109 73.6 62.2 102.2

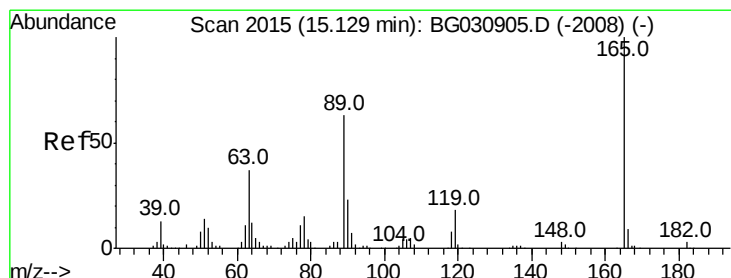
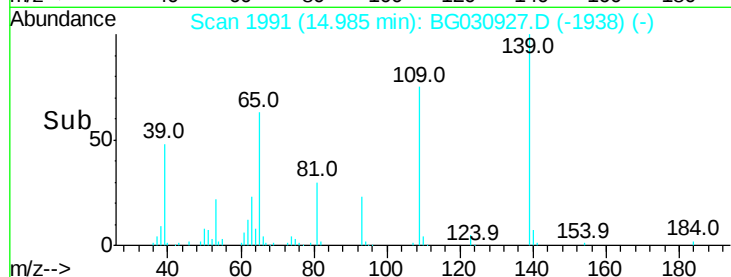
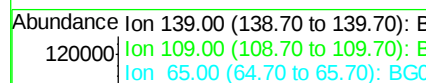
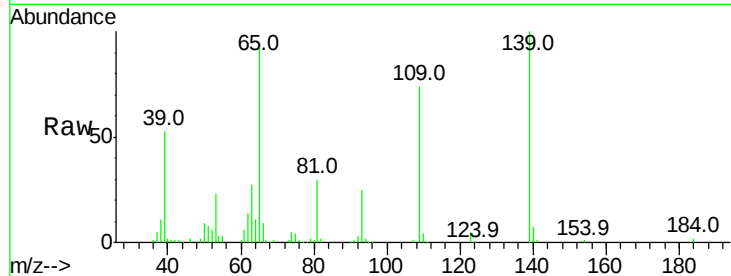
65 91.5 97.2 137.2#

Manual Integrations

APPROVED

SOHIL

11/13/2017 4:45:14 PM



#56

2,4-Dinitrotoluene

Concen: 41.699 ng

RT: 15.13 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Tgt Ion:165 Resp: 117346

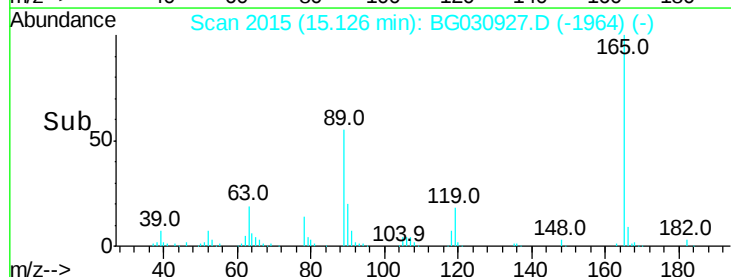
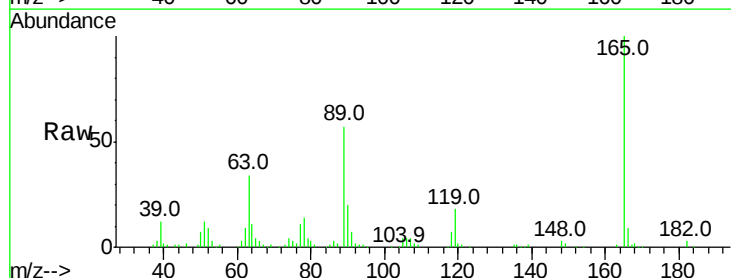
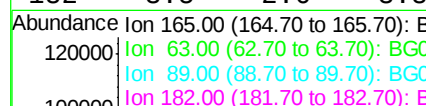
Ion Ratio Lower Upper

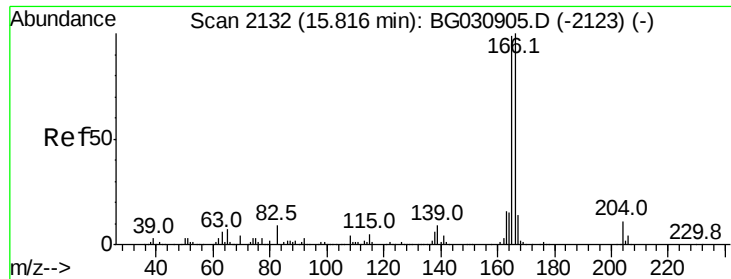
165 100

63 34.2 42.0 63.0#

89 56.9 66.9 100.3#

182 3.5 2.6 3.8





#57

Fluorene

Concen: 38.678 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

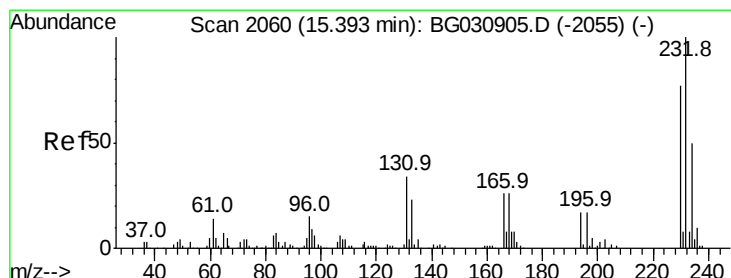
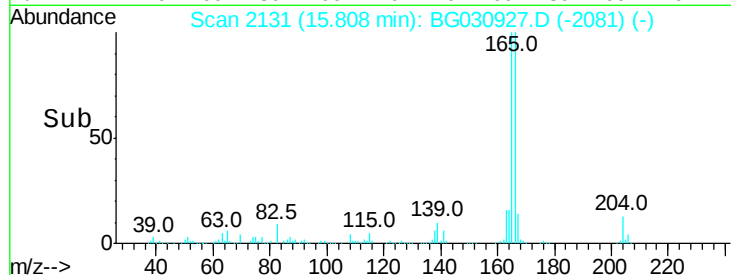
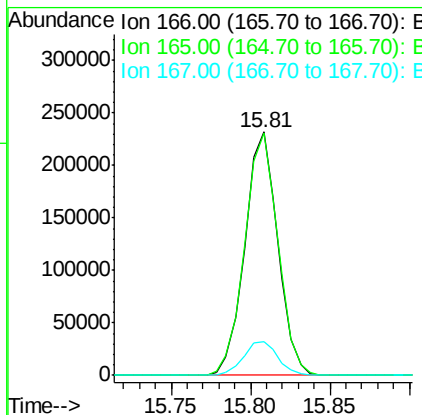
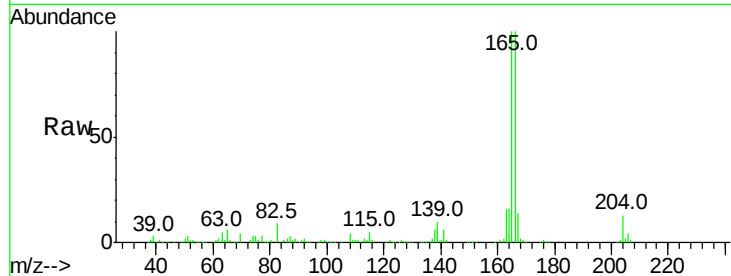
ClientSampleId :

PB104155BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	334111		
165	99.7	80.6	121.0	
167	13.8	10.4	15.6	

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.300 ng

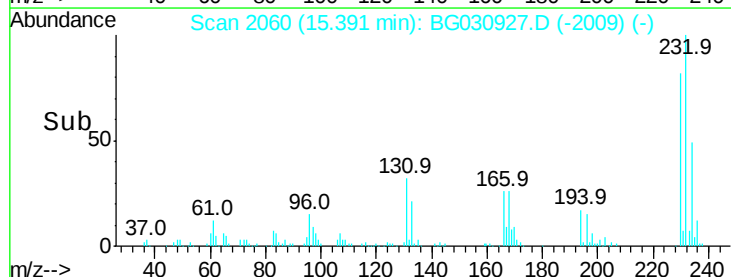
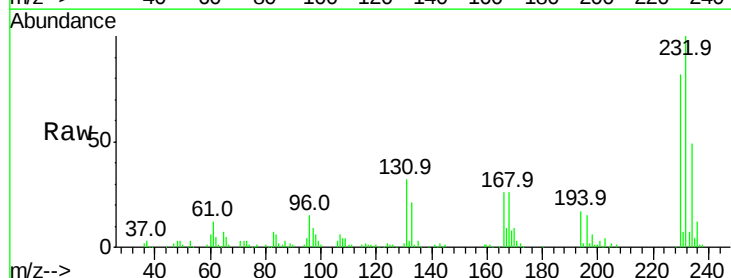
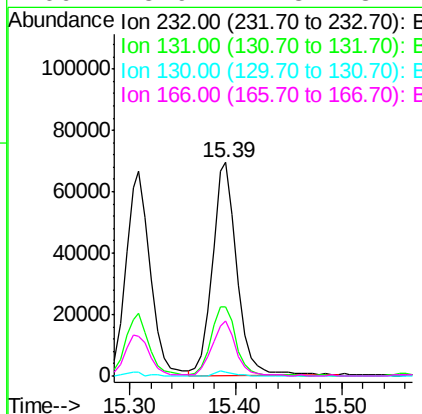
RT: 15.39 min Scan# 2060

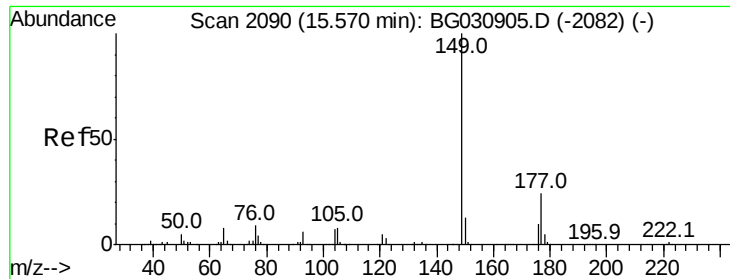
Delta R.T. -0.00 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	111898		
131	33.4	33.5	50.3#	
130	1.6	2.2	3.2#	
166	25.9	24.8	37.2	





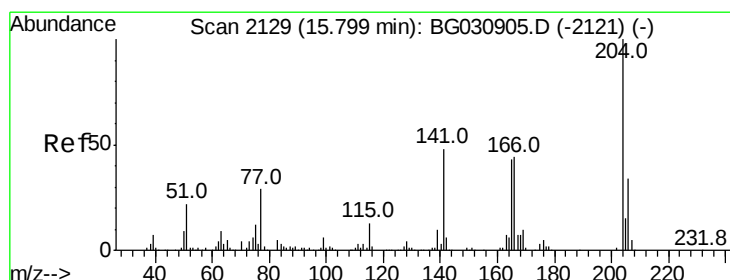
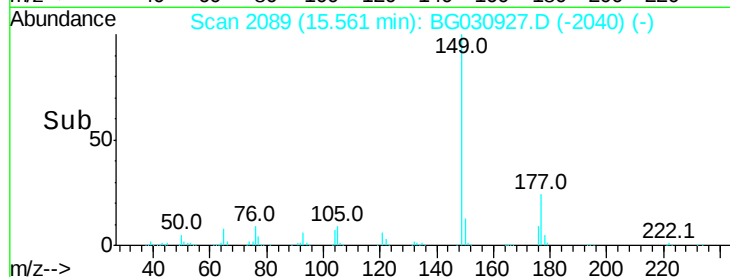
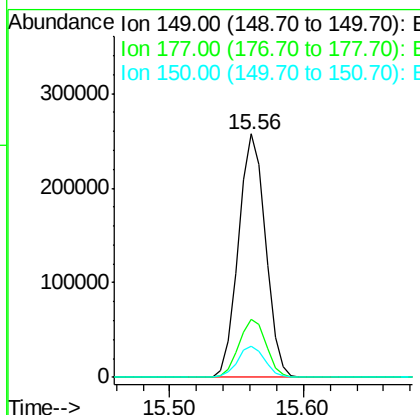
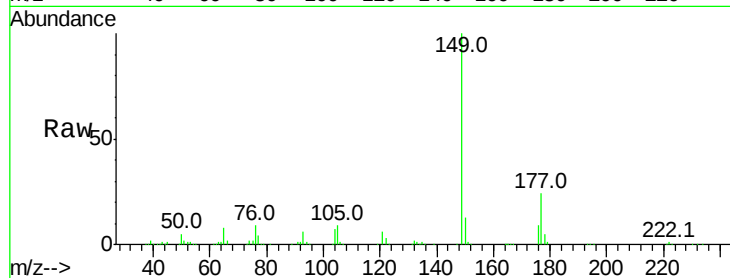
#59
Diethylphthalate
Concen: 37.615 ng
RT: 15.56 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	12.6	10.2	15.2

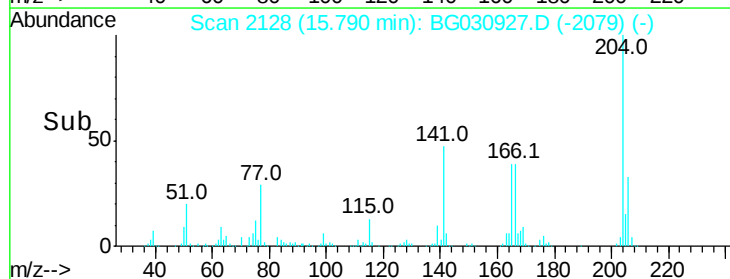
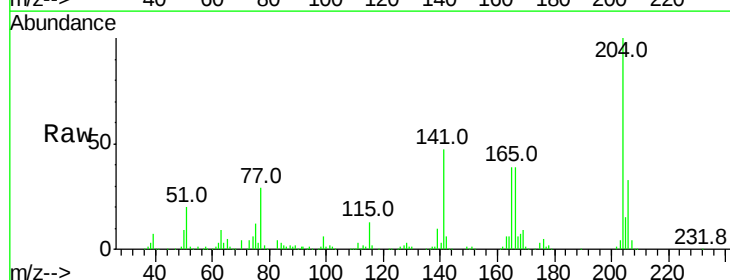
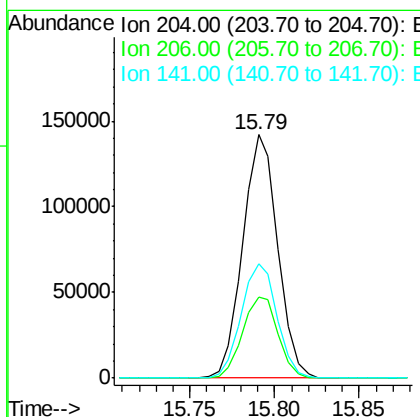
Manual Integrations
APPROVED

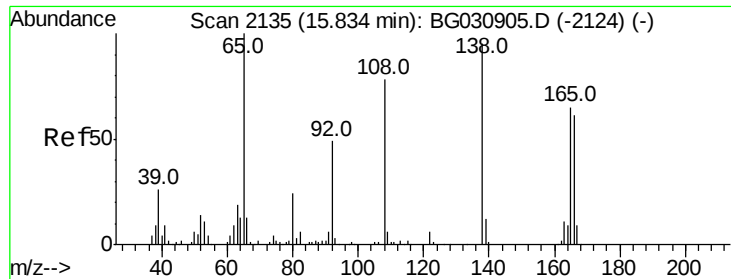
SOHIL
11/13/2017 4:45:14 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.965 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.2	39.2
141	47.0	45.8	68.6





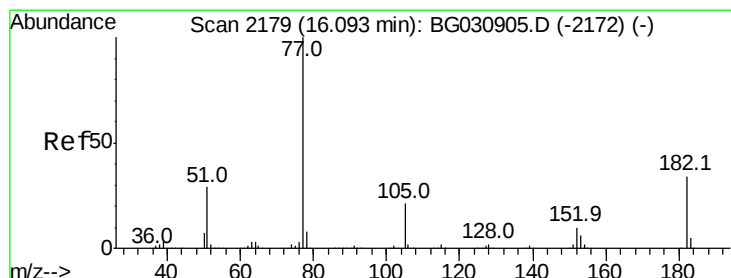
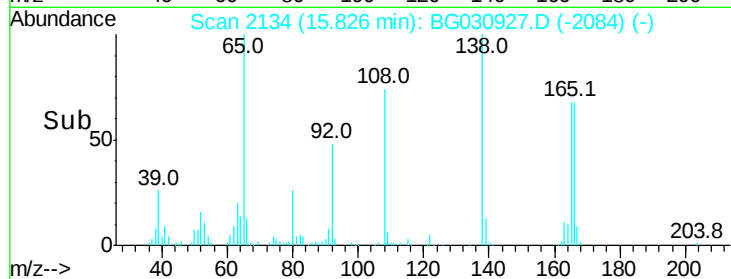
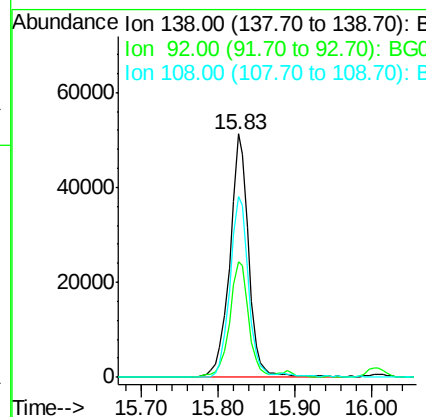
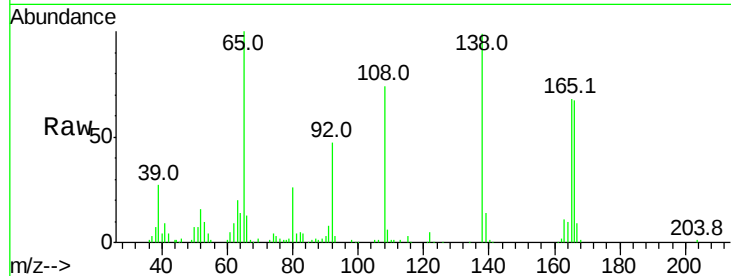
#61
4-Nitroaniline
Concen: 40.133 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.7	40.1	80.1
108	74.5	65.4	105.4

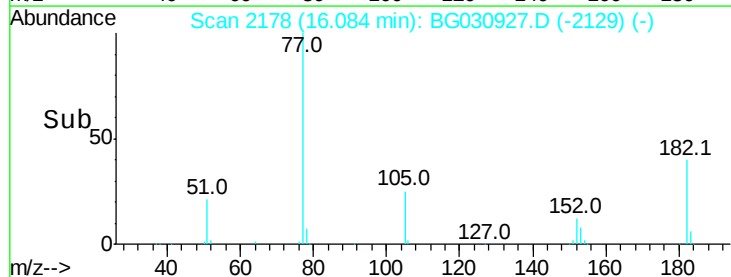
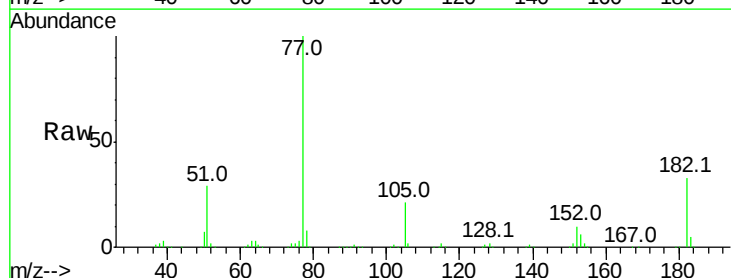
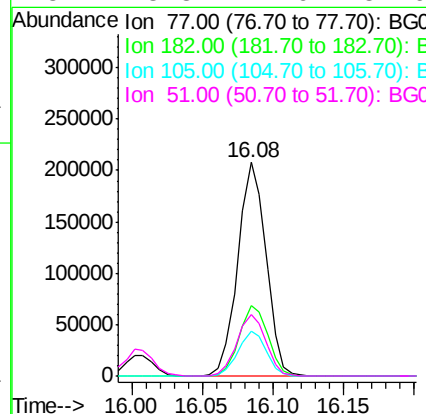
Manual Integrations
APPROVED

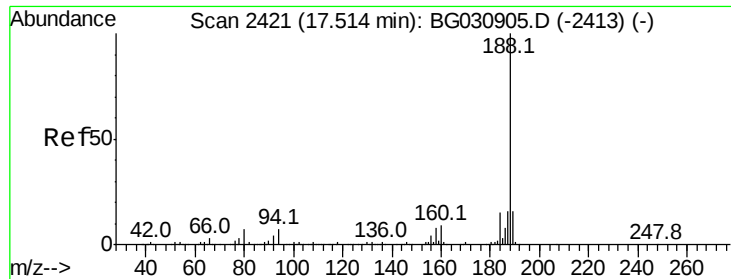
SOHIL
11/13/2017 4:45:14 PM



#62
Azobenzene
Concen: 39.601 ng
RT: 16.08 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	33.1	7.4	47.4
105	21.0	0.3	40.3
51	28.8	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

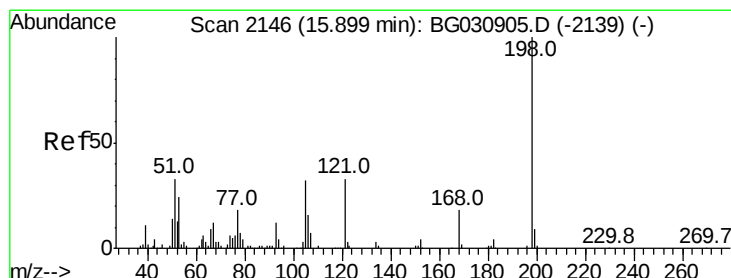
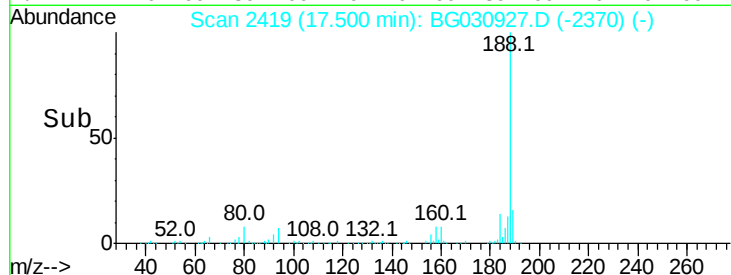
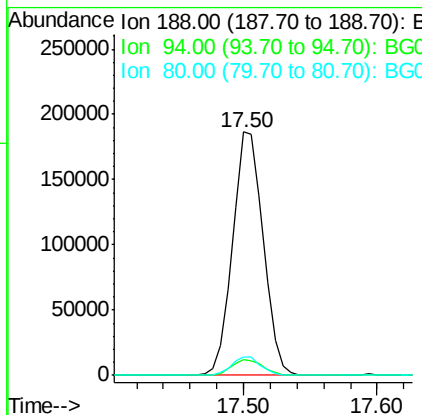
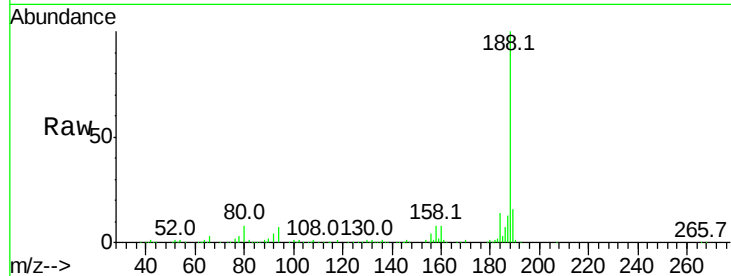
ClientSampleId :

PB104155BS

Tot Ion:	188	Resp:	296840
Ion Ratio	Lower	Upper	
188	100		
94	6.6	6.9	10.3#
80	7.5	7.7	11.5#

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 35.111 ng

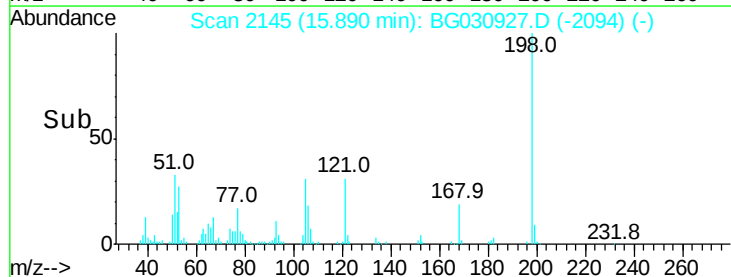
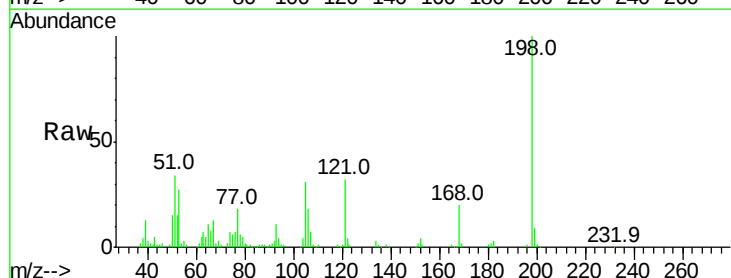
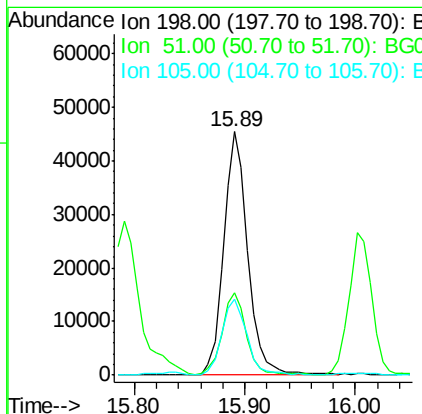
RT: 15.89 min Scan# 2145

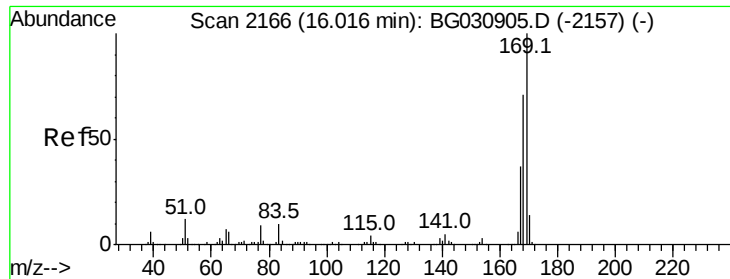
Delta R.T. -0.00 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Tgt Ion:	198	Resp:	69277
Ion Ratio	Lower	Upper	
198	100		
51	33.8	30.6	70.6
105	31.1	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 35.272 ng

RT: 16.01 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

ClientSampled :

PB104155BS

Tot Ion:169 Resp: 317272

Ion Ratio Lower Upper

169 100

168 70.0 55.7 83.5

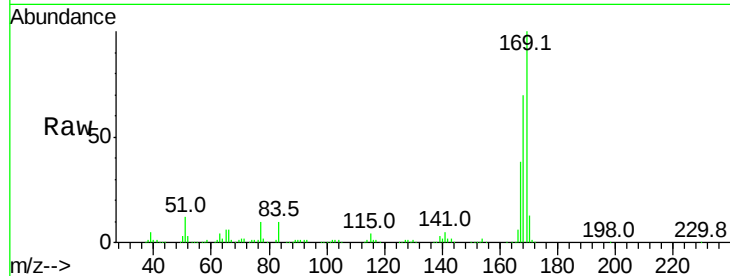
167 37.6 30.1 45.1

Manual Integrations

APPROVED

SOHIL

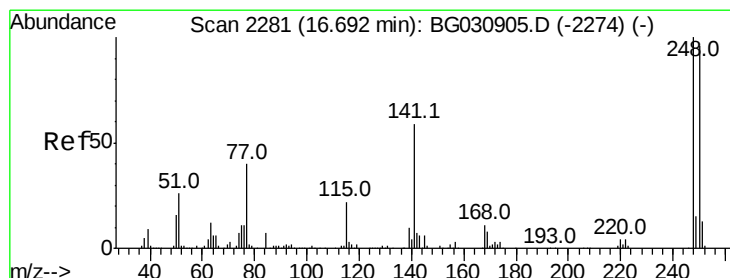
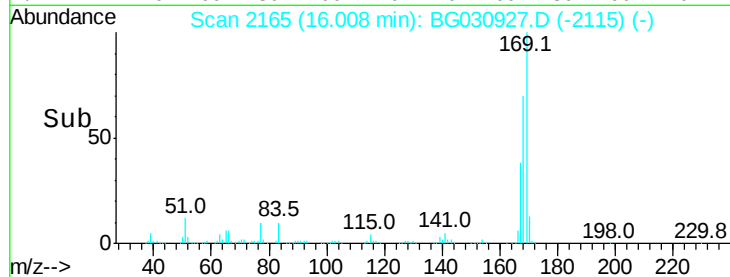
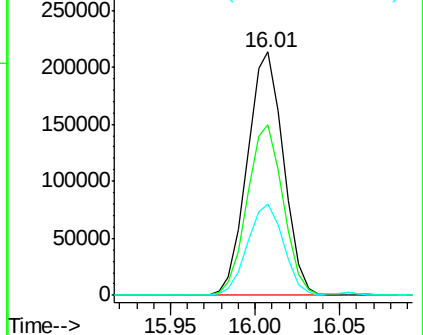
11/13/2017 4:45:14 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.028 ng

RT: 16.68 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

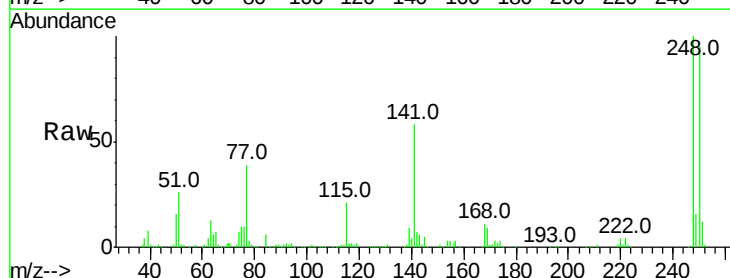
Tgt Ion:248 Resp: 142970

Ion Ratio Lower Upper

248 100

250 94.9 77.1 115.7

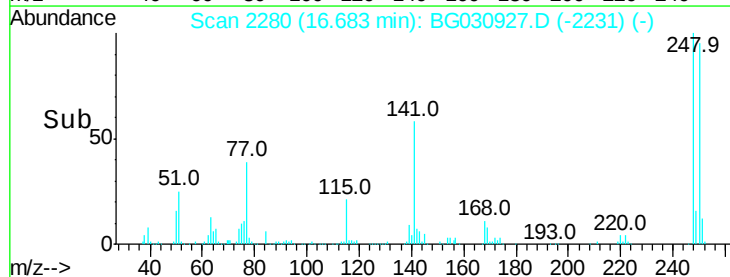
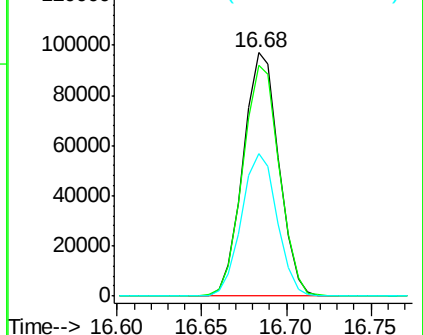
141 58.5 50.8 76.2

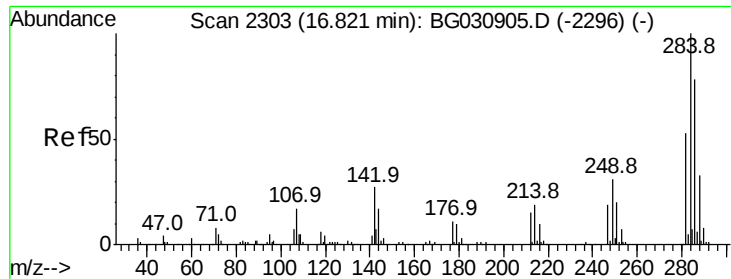


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





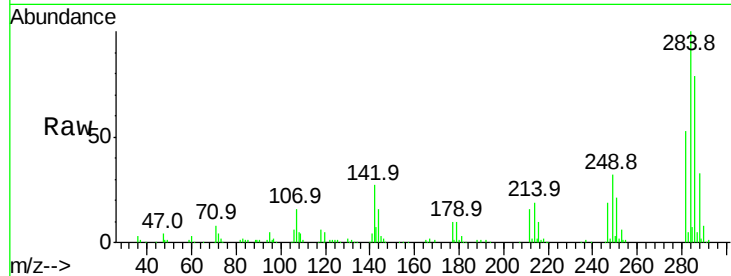
#67
Hexachlorobenzene
Concen: 38.100 ng
RT: 16.81 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

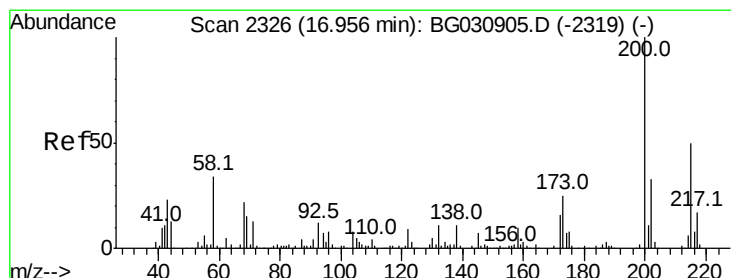
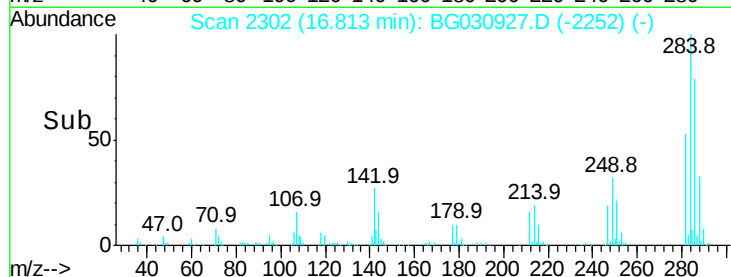
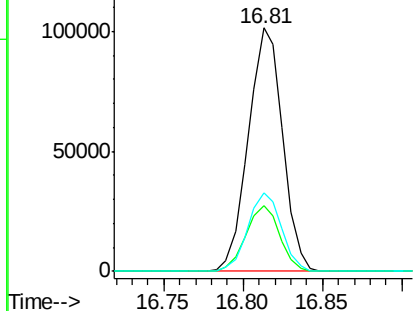
Tot Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	27.0	26.8	40.2
249	32.0	26.3	39.5

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM

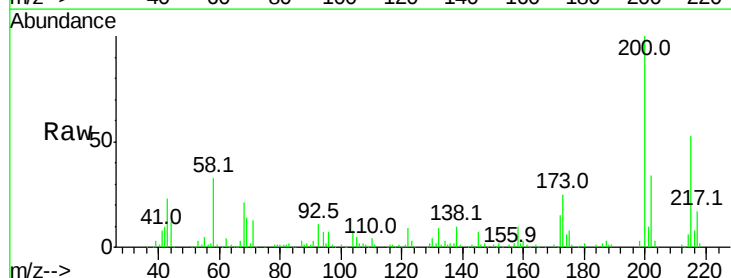


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

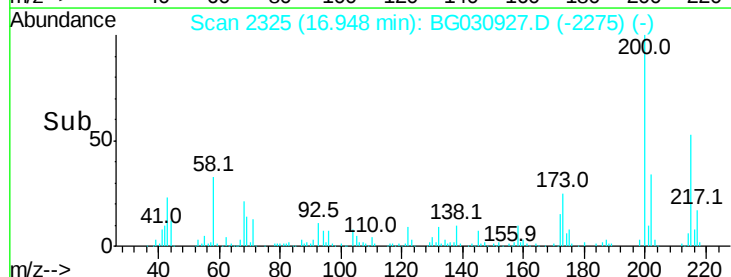
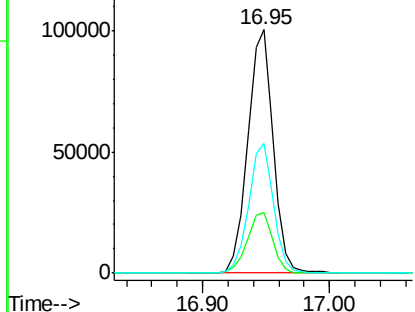


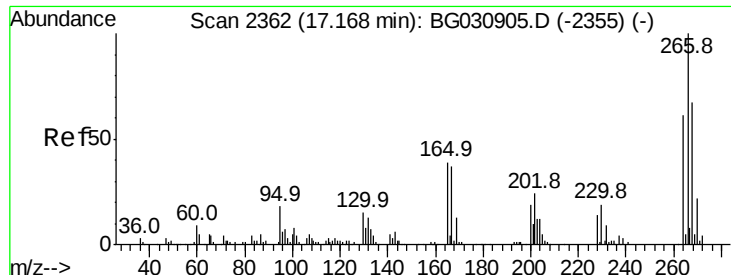
#68
Atrazine
Concen: 37.718 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.6	5.2	45.2
215	53.2	30.4	70.4



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





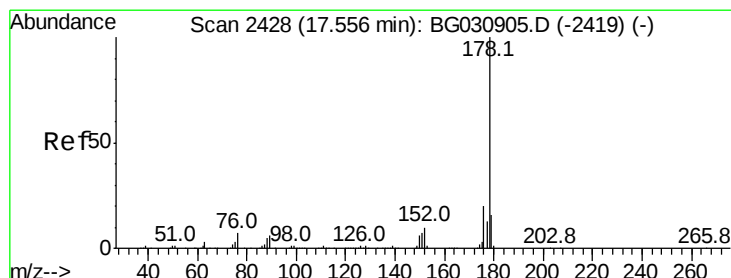
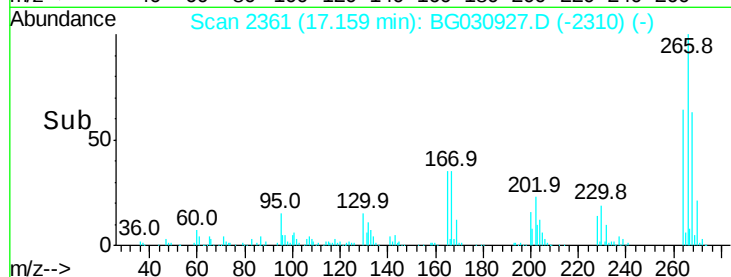
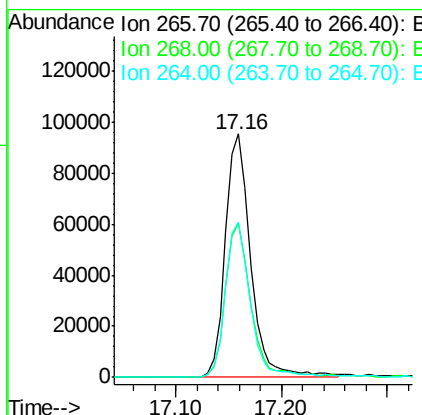
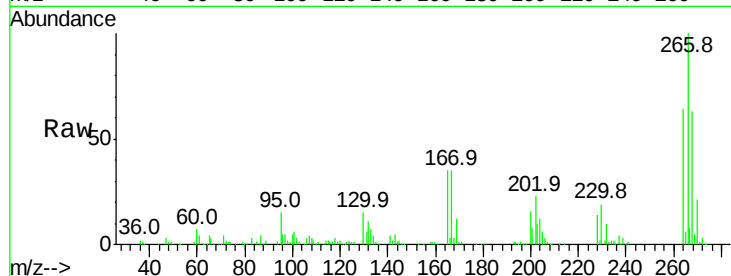
#69
 Pentachlorophenol
 Concen: 71.930 ng
 RT: 17.16 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Instrument :
 BNA_G
 ClientSampleId :
 PB104155BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.7	49.6	74.4

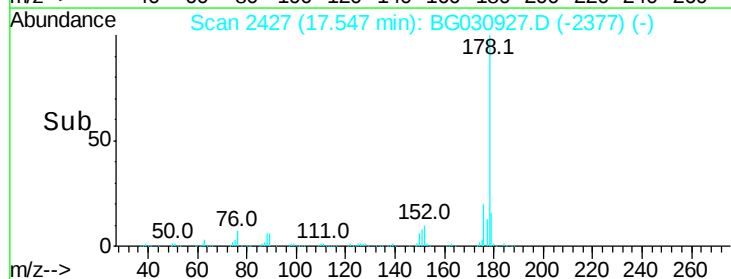
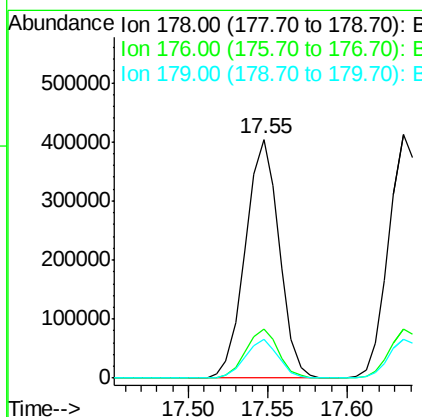
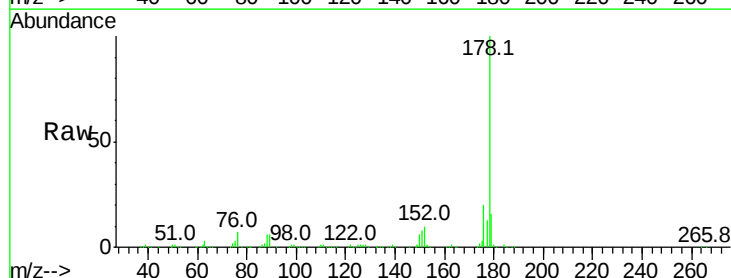
Manual Integrations
 APPROVED

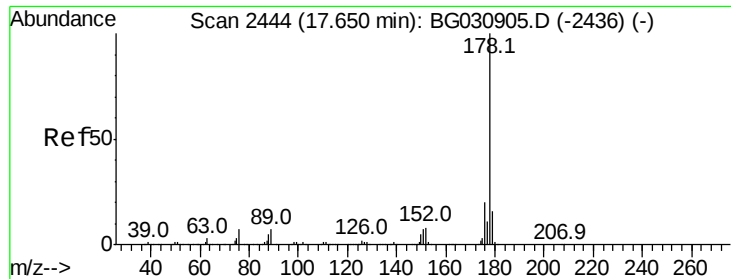
SOHIL
 11/13/2017 4:45:14 PM



#70
 Phenanthrene
 Concen: 38.769 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.4	12.5	18.7





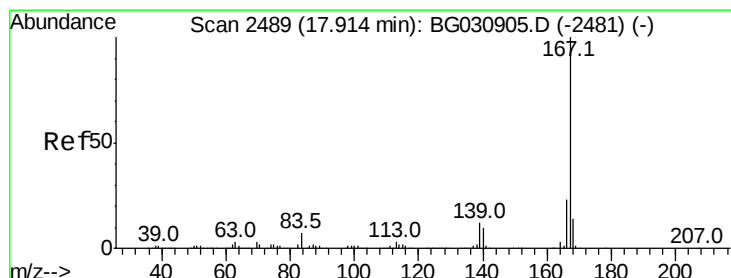
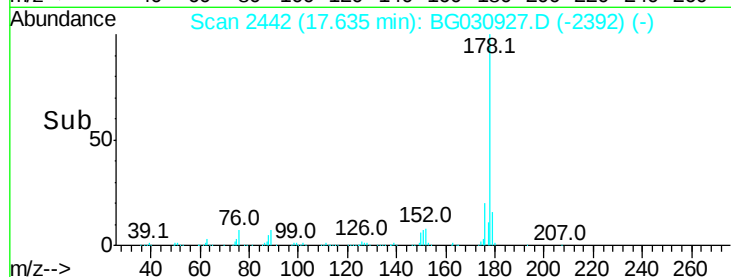
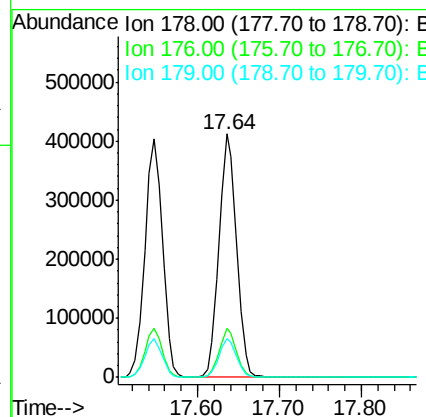
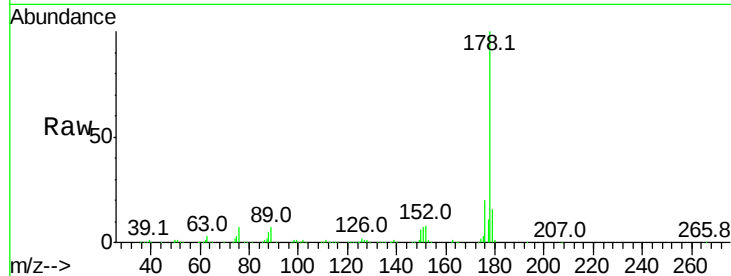
#71
 Anthracene
 Concen: 39.897 ng
 RT: 17.64 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Instrument :
 BNA_G
 ClientSampleId :
 PB104155BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	16.2	12.5	18.7

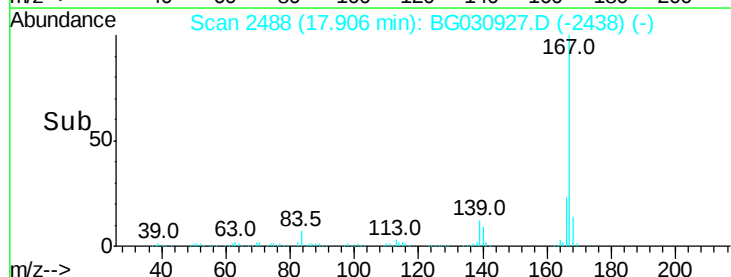
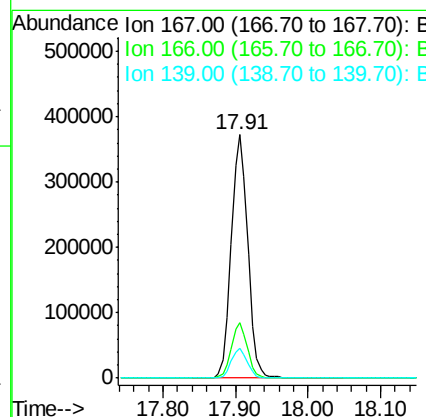
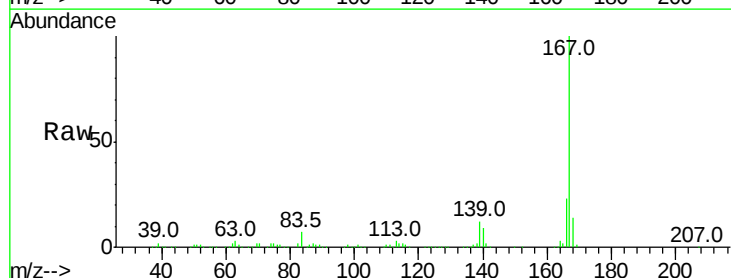
Manual Integrations
 APPROVED

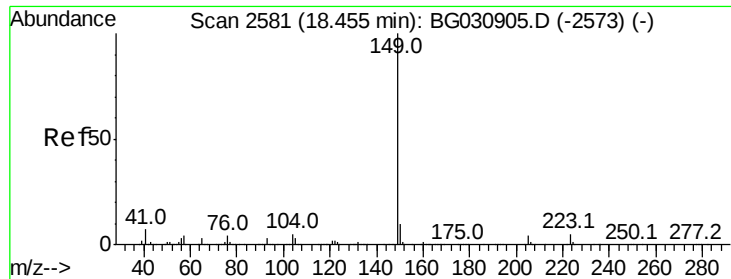
SOHIL
 11/13/2017 4:45:14 PM



#72
 Carbazole
 Concen: 40.562 ng
 RT: 17.91 min Scan# 2488
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	12.3	9.4	14.2





#73

Di-n-butylphthalate

Concen: 38.516 ng

RT: 18.45 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

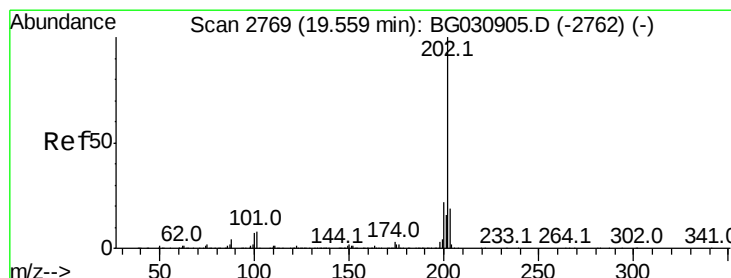
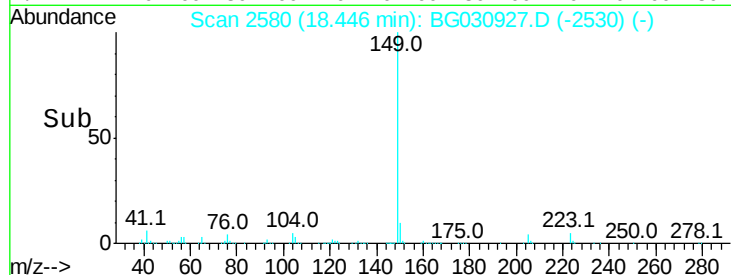
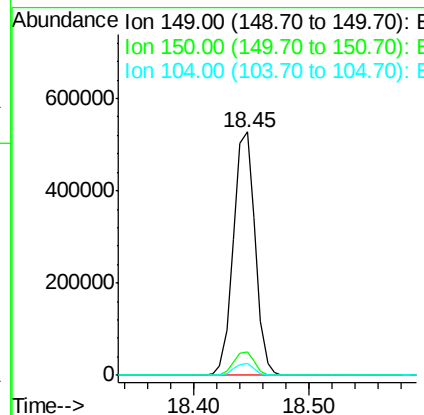
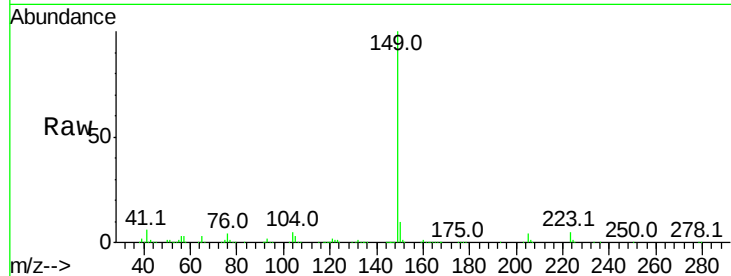
ClientSampleId :

PB104155BS

Tot Ion:	149	Resp:	686232
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	5.1	3.9	5.9

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM



#74

Fluoranthene

Concen: 44.046 ng

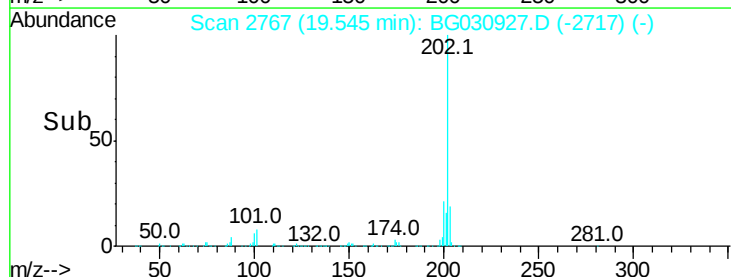
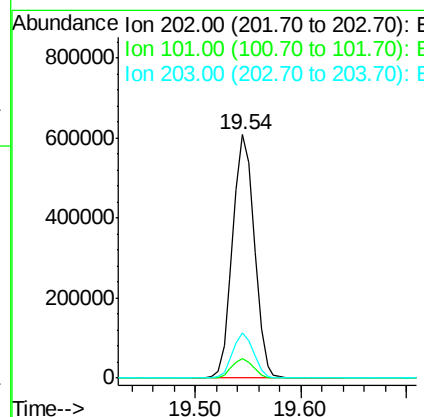
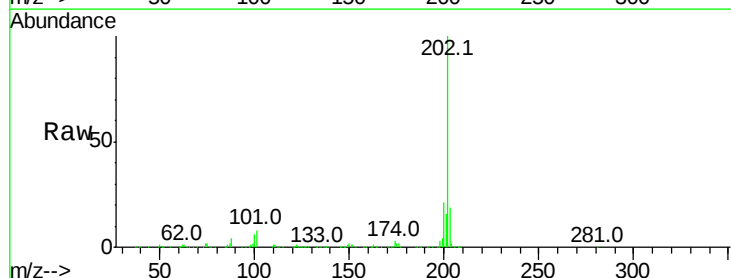
RT: 19.54 min Scan# 2767

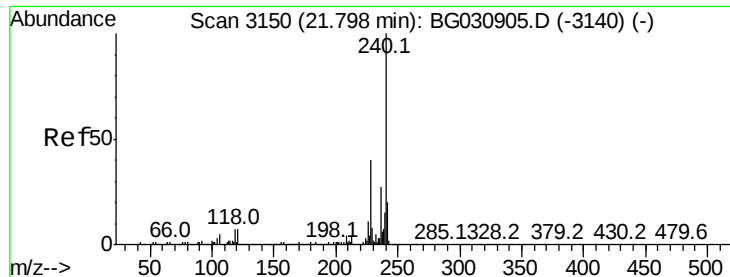
Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Tgt Ion:	202	Resp:	861938
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	28.9
203	18.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

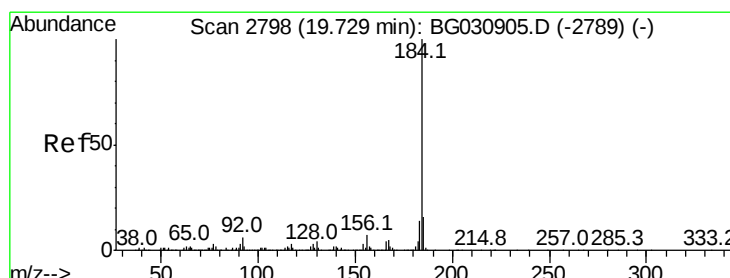
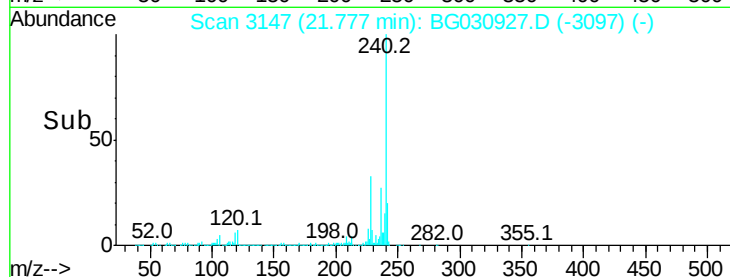
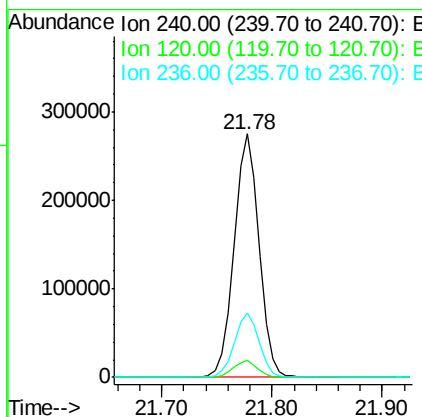
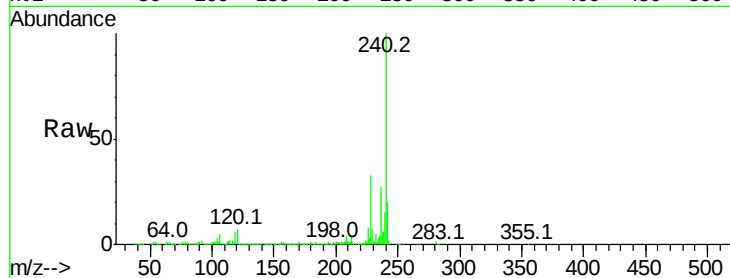
ClientSampleId :

PB104155BS

Tot Ion:	240	Resp:	435251
Ion Ratio	Lower	Upper	
240	100		
120	6.9	6.8	10.2
236	26.5	20.9	31.3

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM



#76

Benzidine

Concen: 20.999 ng

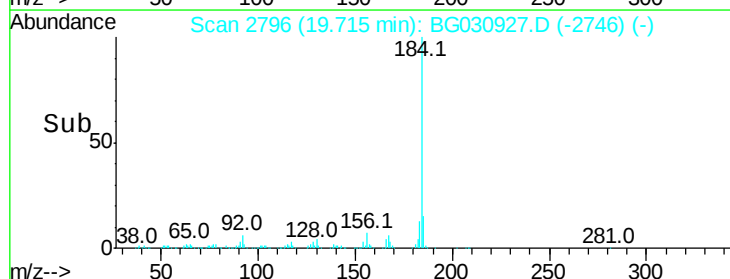
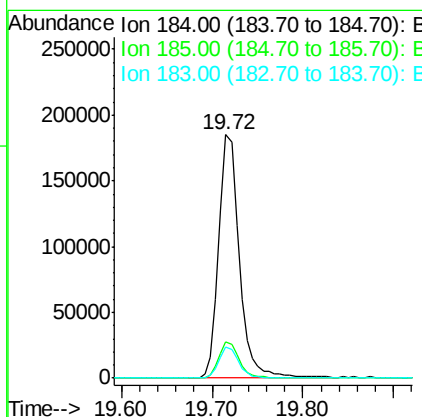
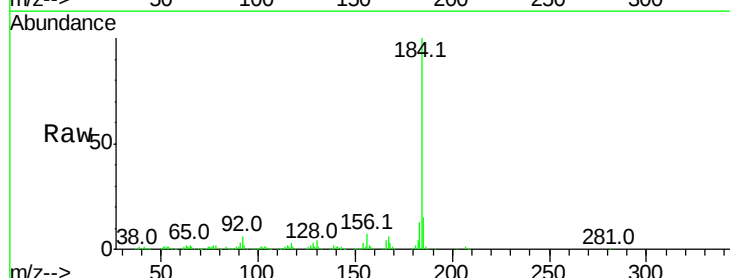
RT: 19.72 min Scan# 2796

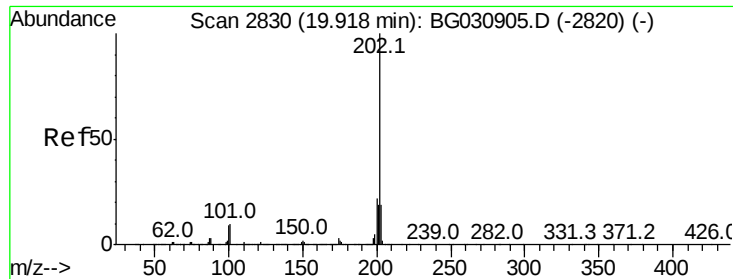
Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Tgt Ion:	184	Resp:	293584
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.1	16.7
183	12.7	10.6	16.0





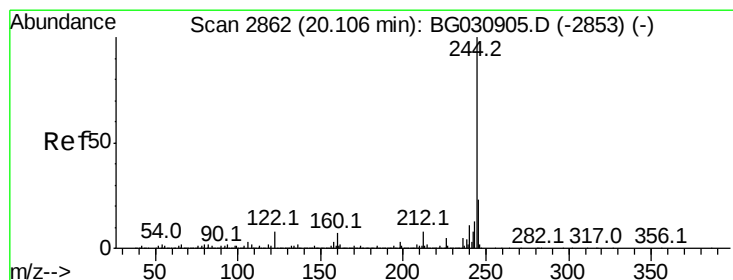
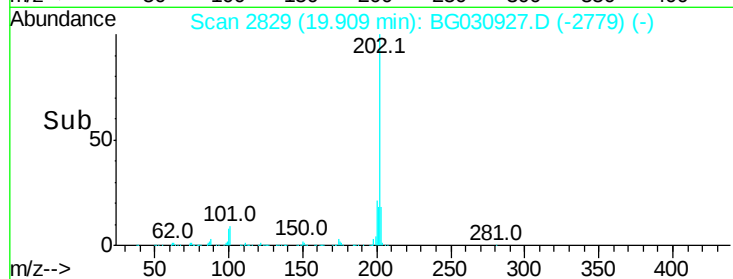
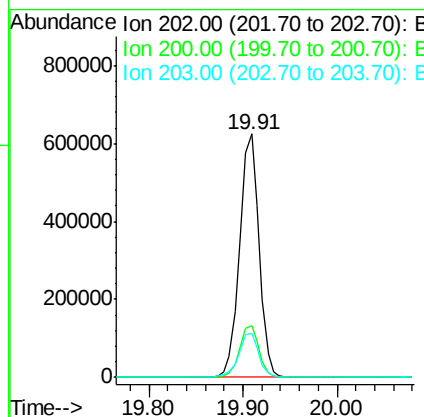
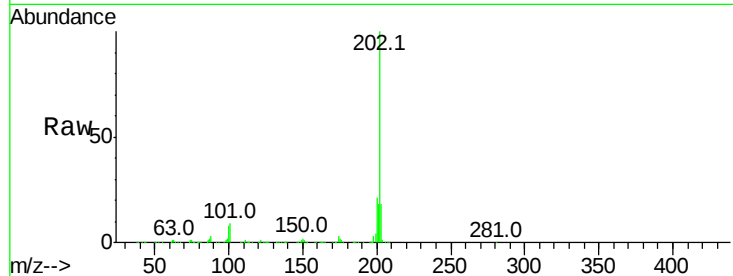
#77
Pvrene
Concen: 34.671 ng
RT: 19.91 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	16.9	25.3
203	18.0	13.9	20.9

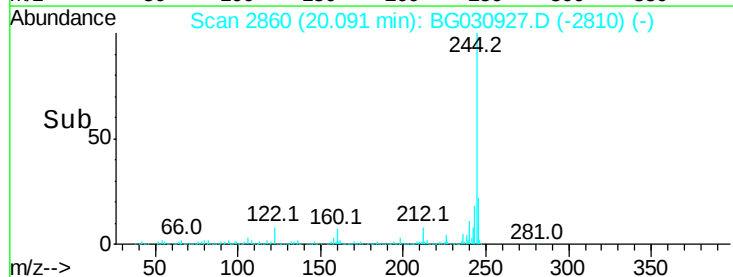
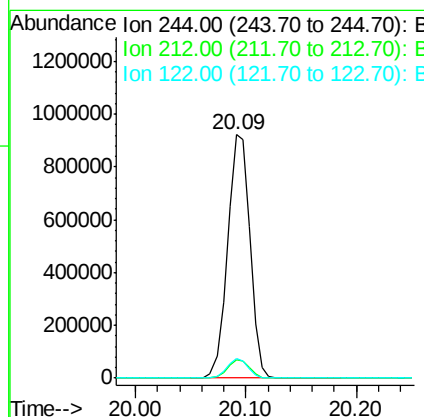
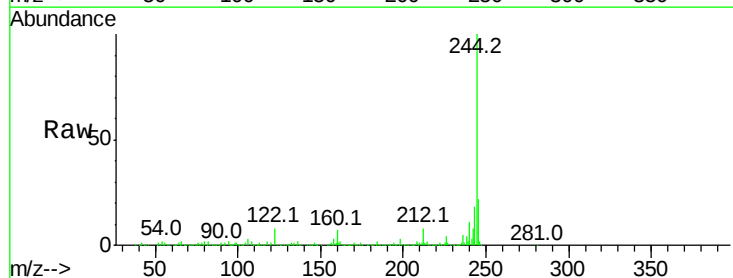
Manual Integrations
APPROVED

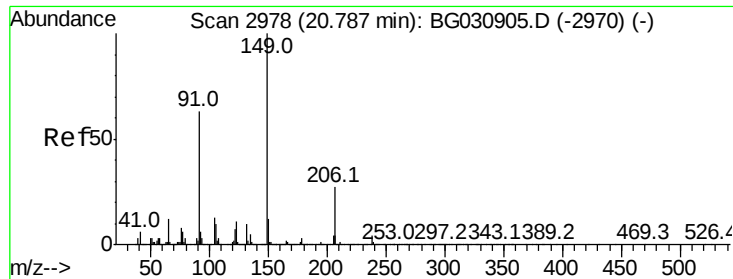
SOHIL
11/13/2017 4:45:14 PM



#78
Terphenyl-d14
Concen: 66.217 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	5.8	8.8
122	8.1	7.0	10.4





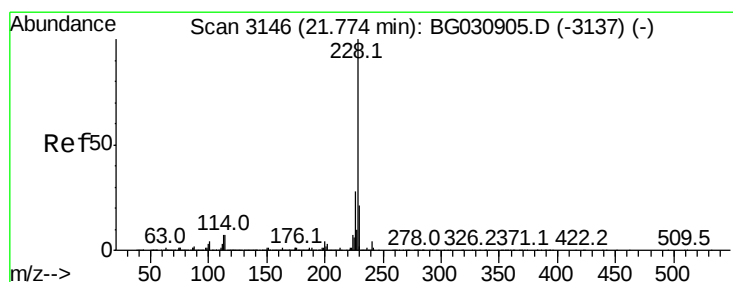
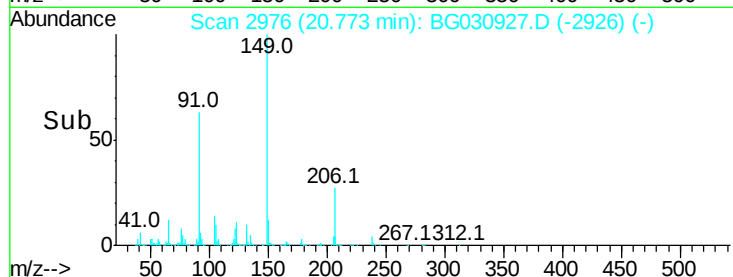
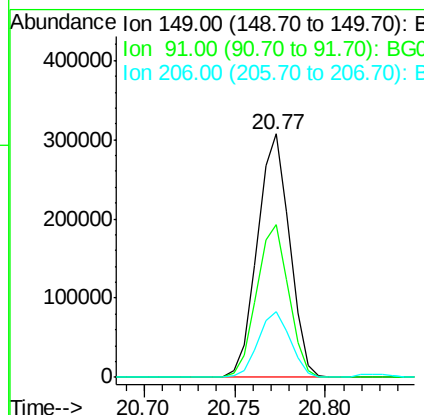
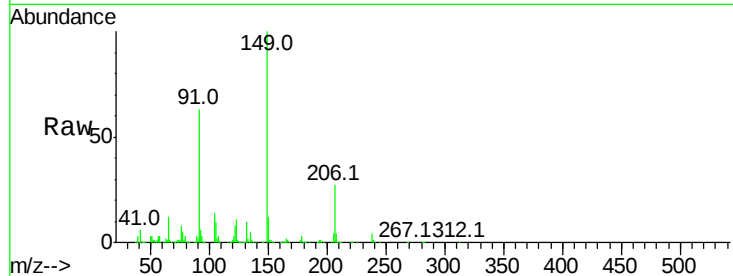
#79
Butylbenzylphthalate
Concen: 36.747 ng
RT: 20.77 min Scan# 2976
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	378423		
91	63.0		62.2	93.2
206	27.1		18.6	27.8

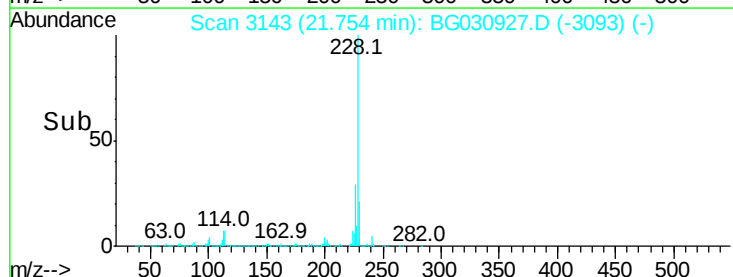
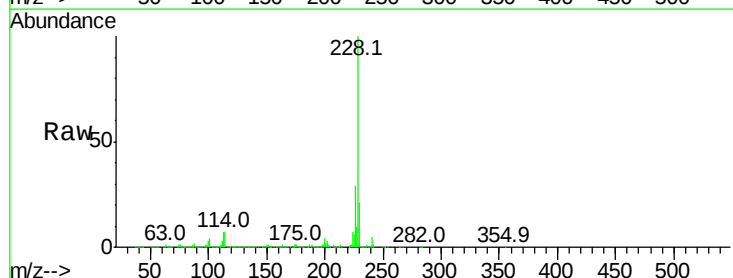
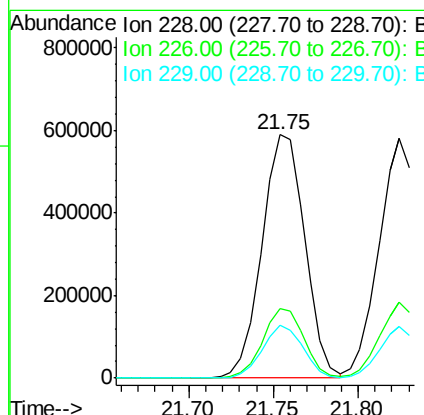
Manual Integrations
APPROVED

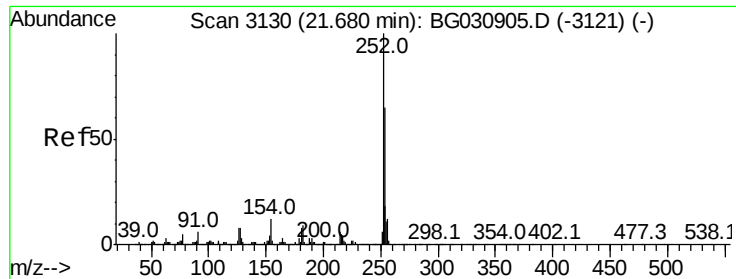
SOHIL
11/13/2017 4:45:14 PM



#80
Benzo(a)anthracene
Concen: 38.185 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1032382		
226	28.8		22.7	34.1
229	21.5		16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 18.537 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

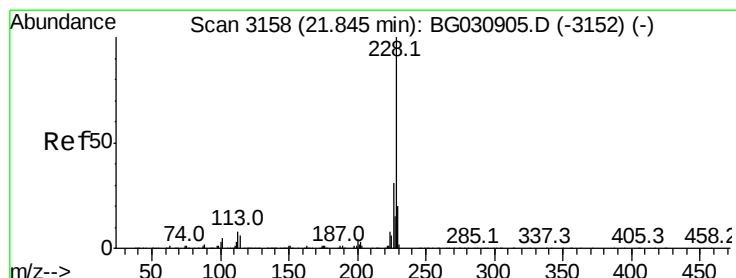
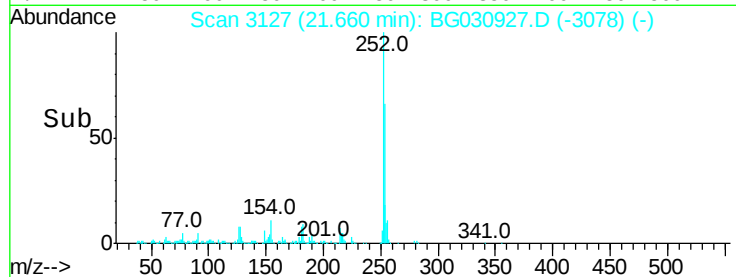
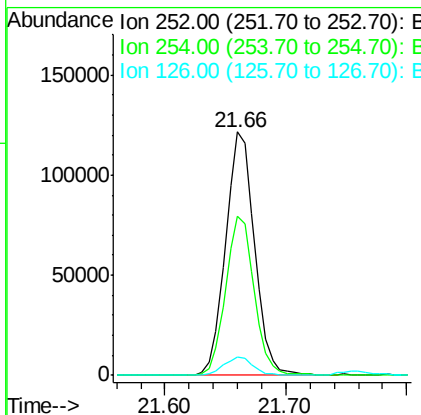
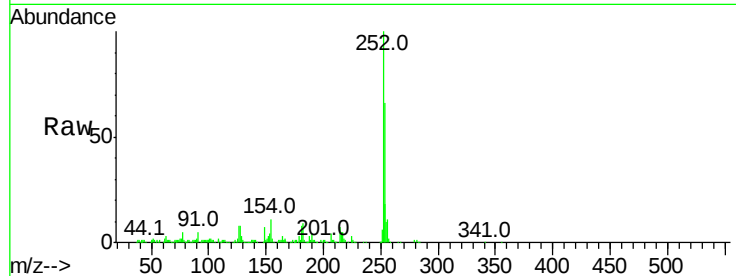
ClientSampleId :

PB104155BS

Tot Ion:	252	Resp:	202302
Ion Ratio		Lower	Upper
252	100		
254	65.6	50.8	76.2
126	7.5	7.4	11.2

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM



#82

Chrysene

Concen: 38.536 ng

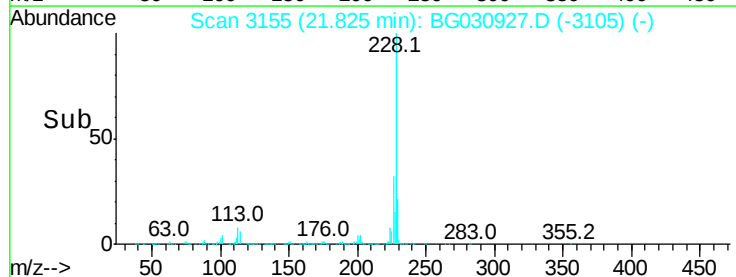
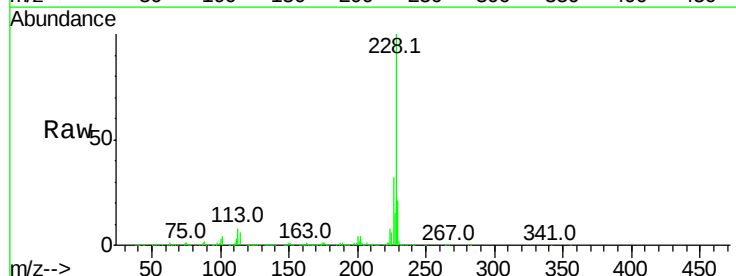
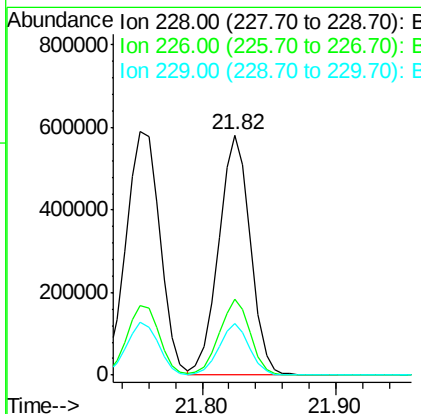
RT: 21.82 min Scan# 3155

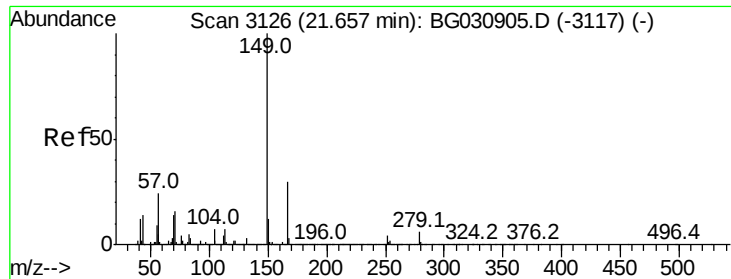
Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Tgt Ion:	228	Resp:	963762
Ion Ratio		Lower	Upper
228	100		
226	31.6	24.9	37.3
229	21.4	15.0	22.4





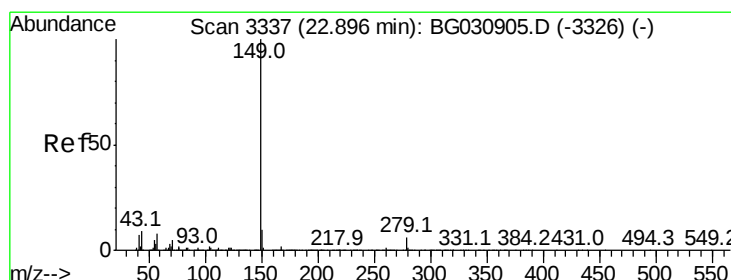
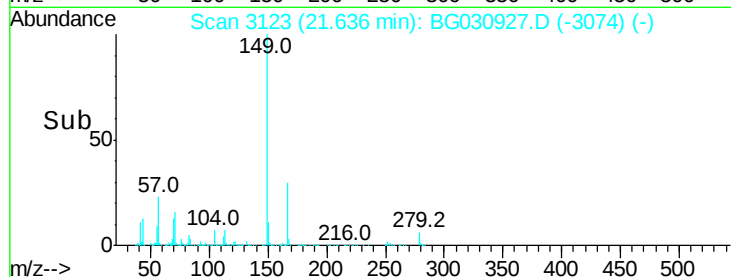
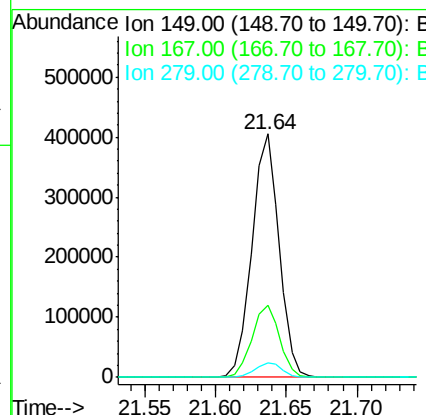
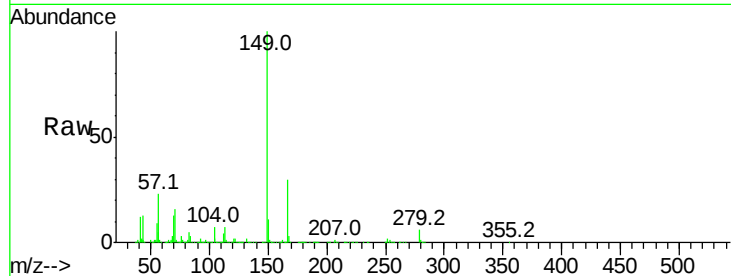
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.695 ng
 RT: 21.64 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Instrument :
 BNA_G
 ClientSampleID :
 PB104155BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	29.9	24.3	36.5
279	6.0	4.0	6.0#

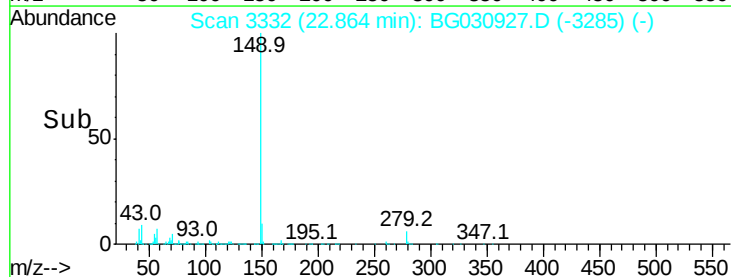
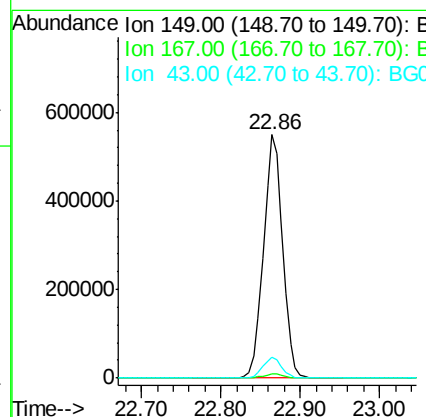
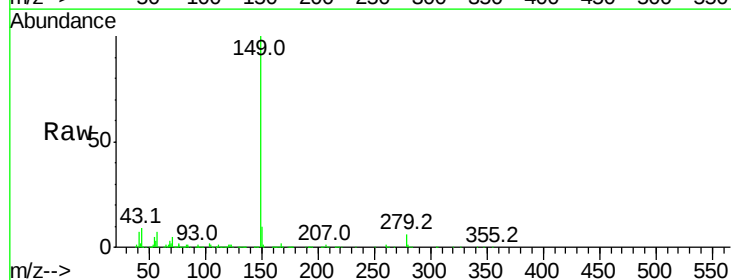
Manual Integrations
 APPROVED

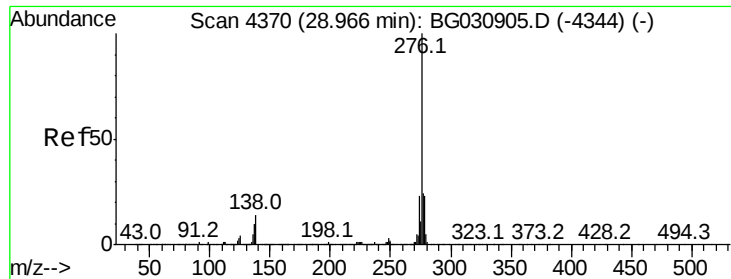
SOHIL
 11/13/2017 4:45:14 PM



#84
 Di-n-octyl phthalate
 Concen: 38.369 ng
 RT: 22.86 min Scan# 3332
 Delta R.T. -0.02 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.8	1.4	2.0
43	8.4	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.981 ng

RT: 28.87 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Instrument :

BNA_G

ClientSampleId :

PB104155BS

Tot Ion:276 Resp: 1185164

Ion Ratio Lower Upper

276 100

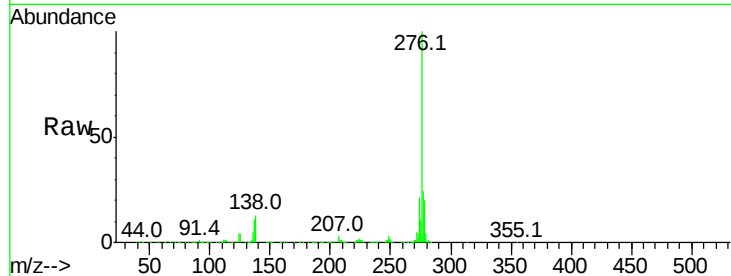
138 16.8 16.0 24.0

277 26.1 20.0 30.0

Manual Integrations
APPROVED

SOHIL

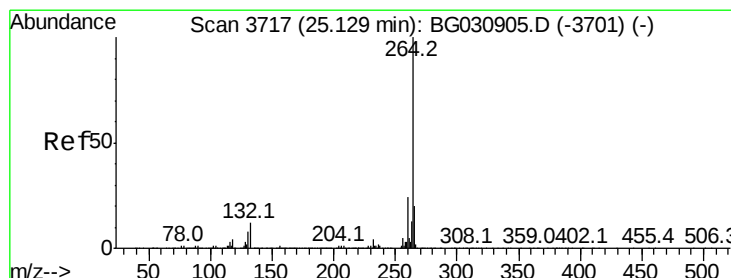
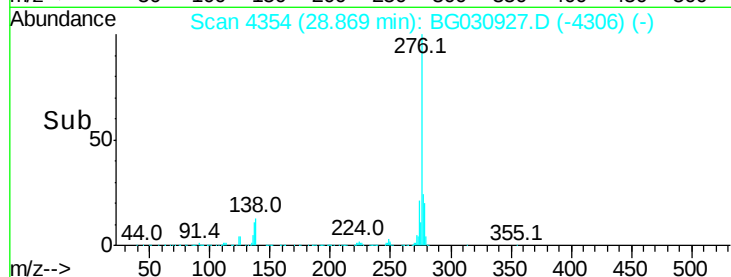
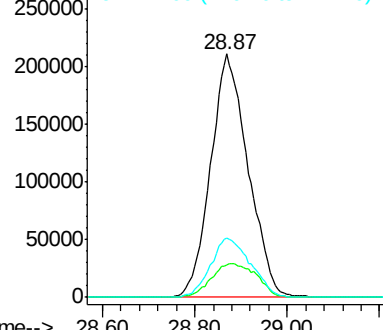
11/13/2017 4:45:14 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

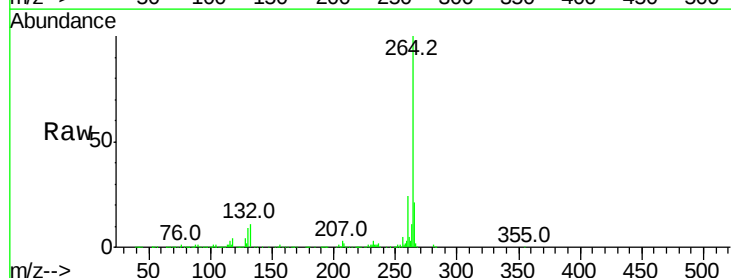
Tgt Ion:264 Resp: 442134

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

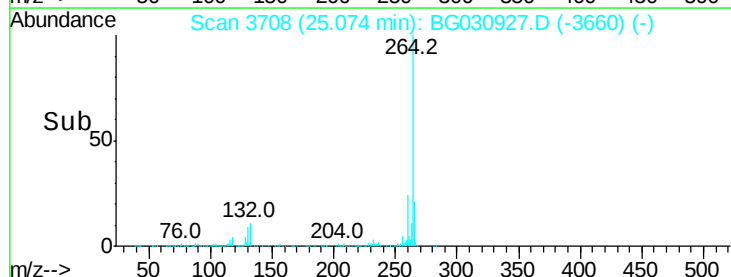
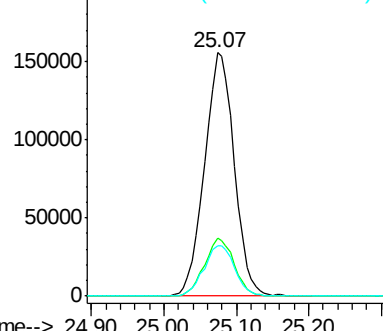
265 20.8 17.7 26.5

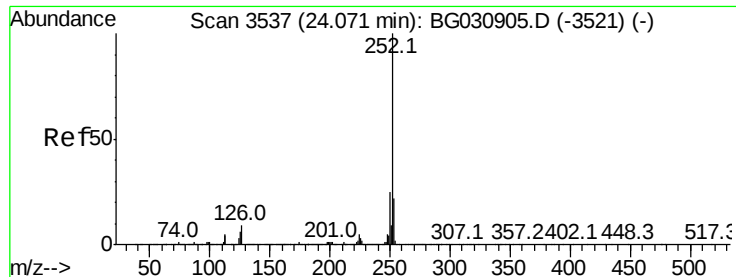


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.975 ng

RT: 24.03 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG030927.D

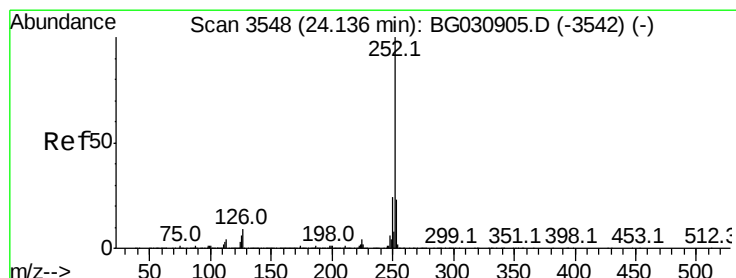
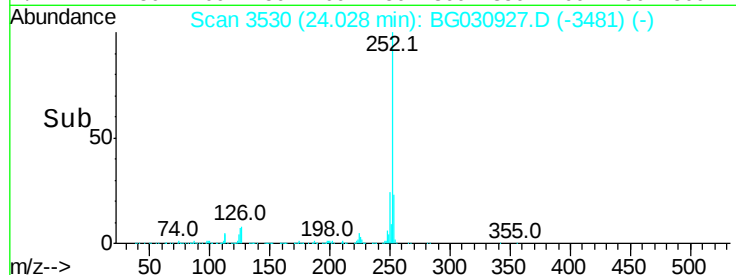
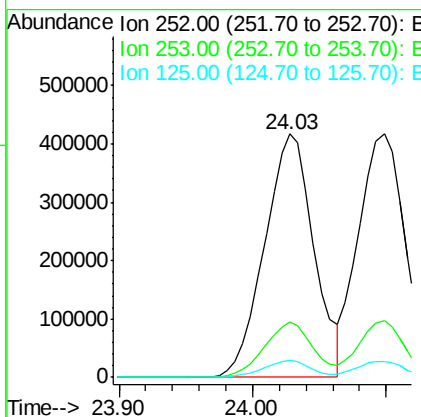
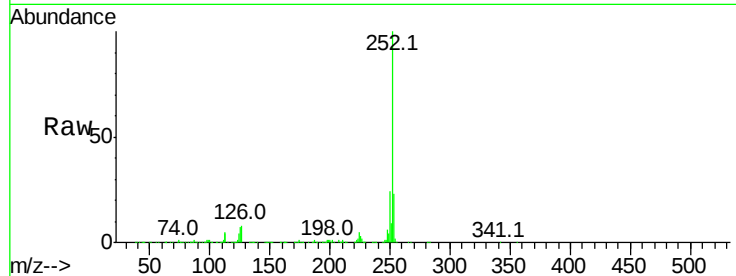
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	6.9	7.2	10.8

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:45:14 PM



#88

Benzo(k)fluoranthene

Concen: 38.187 ng

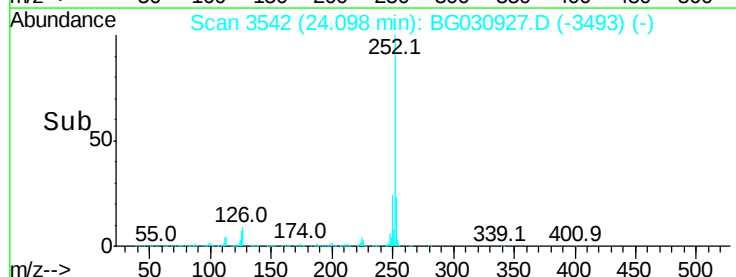
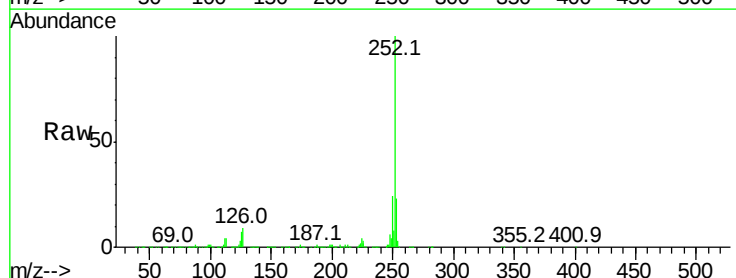
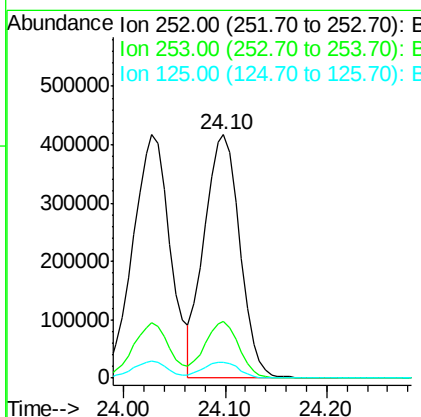
RT: 24.10 min Scan# 3542

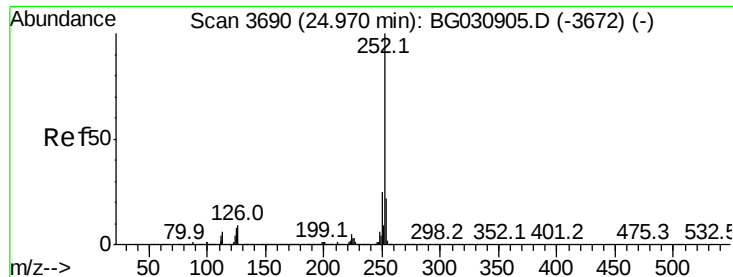
Delta R.T. -0.01 min

Lab File: BG030927.D

Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	6.6	6.6	9.8





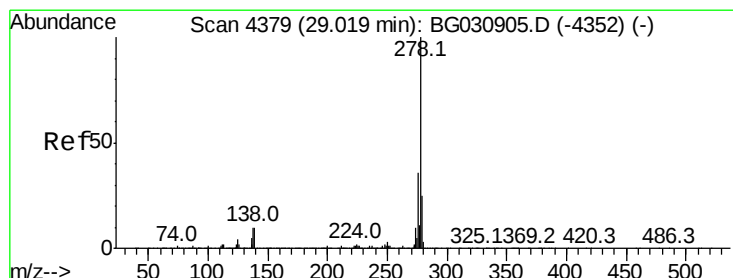
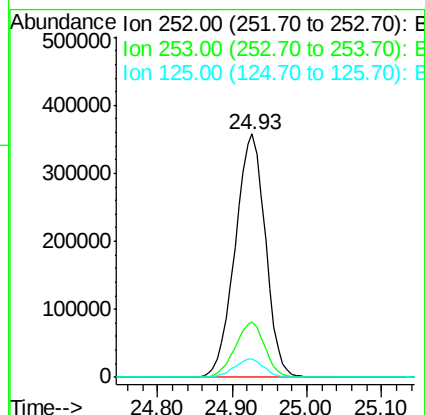
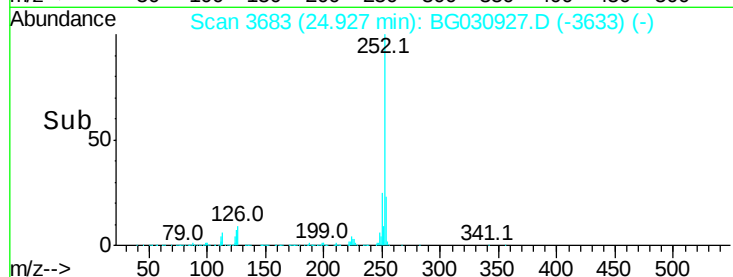
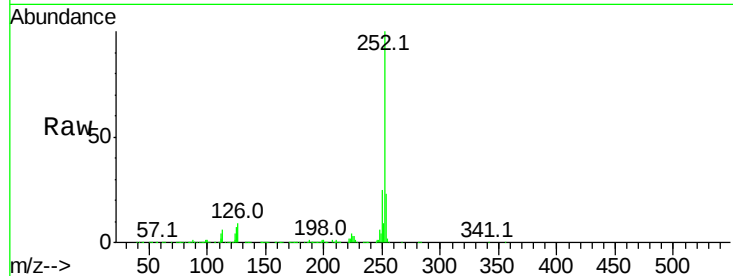
#89
Benzo(a)pyrene
Concen: 39.679 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	7.4	7.3	10.9

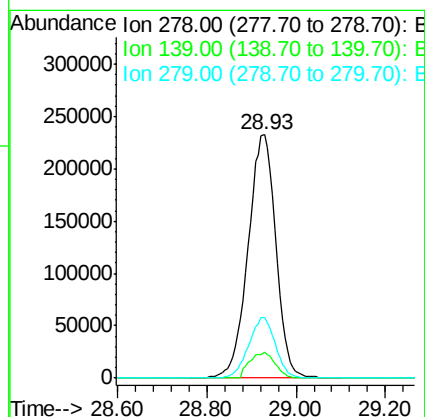
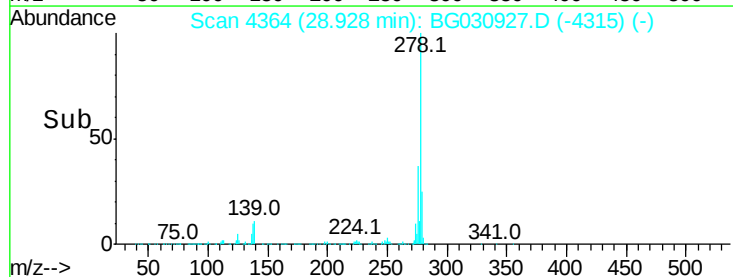
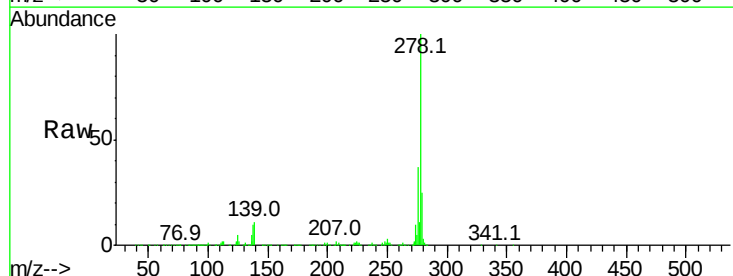
Manual Integrations
APPROVED

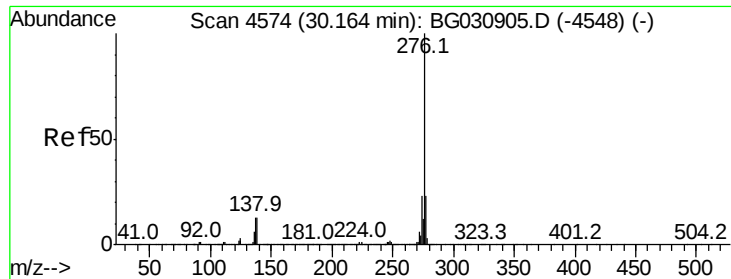
SOHIL
11/13/2017 4:45:14 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.233 ng
RT: 28.93 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BG030927.D
Acq: 11 Nov 2017 3:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.6	9.8	14.6
279	24.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 38.813 ng
 RT: 30.06 min Scan# 4557
 Delta R.T. -0.01 min
 Lab File: BG030927.D
 Acq: 11 Nov 2017 3:59

Instrument :
 BNA_G
 ClientSampleId :
 PB104155BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.3	27.5
138	14.1	13.9	20.9

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:45:14 PM

