

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040328.D
 Acq On : 3 Apr 2019 16:23
 Operator : JU/SJ
 Sample : PB118462BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118462BS

Manual Integrations
 APPROVED

sohil
 4/4/2019 4:46:29 AM

Quant Time: Apr 04 01:53:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48463	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	190854	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	119977	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	324377	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	380770	20.00	ng	-0.03
87) Perylene-d12	24.99	264	372397	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	382837	131.32	ng	-0.01
7) Phenol-d6	7.20	99	506070	125.61	ng	-0.02
23) Nitrobenzene-d5	9.22	82	308152	85.82	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	209501	161.57	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	706415	87.24	ng	-0.02
79) Terphenyl-d14	20.03	244	1375327	81.26	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	54822	39.993	ng	99
3) Pyridine	3.90	79	134452	36.429	ng	96
4) n-Nitrosodimethylamine	3.81	42	60802	35.614	ng	# 97
6) Aniline	7.37	93	138209	26.404	ng	96
8) 2-Chlorophenol	7.61	128	130362	38.201	ng	98
9) Benzaldehyde	7.19	77	88595	32.058	ng	96
10) Phenol	7.23	94	171808	39.288	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	128233	36.612	ng	96
12) 1,3-Dichlorobenzene	7.94	146	144642	38.991	ng	96
13) 1,4-Dichlorobenzene	8.08	146	144411	39.086	ng	99
14) 1,2-Dichlorobenzene	8.40	146	133433	37.765	ng	97
15) Benzyl Alcohol	8.29	79	115833	35.700	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	238003	35.406	ng	99
17) 2-Methylphenol	8.49	107	115800	38.268	ng	97
18) Hexachloroethane	9.12	117	51020	36.303	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	100739	34.875	ng	98
20) 3+4-Methylphenols	8.82	107	159345	38.871	ng	96
22) Acetophenone	8.88	105	195469	41.058	ng	# 99
24) Nitrobenzene	9.27	77	147024	39.542	ng	97
25) Isophorone	9.78	82	285754	38.678	ng	99
26) 2-Nitrophenol	9.98	139	72161	40.958	ng	98
27) 2,4-Dimethylphenol	10.02	122	128018	45.744	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	171732	39.290	ng	96
29) 2,4-Dichlorophenol	10.51	162	133602	43.982	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	136051	40.790	ng	99
31) Naphthalene	10.92	128	401364	41.028	ng	98
32) Benzoic acid	10.12	122	25942	15.342	ng	91
33) 4-Chloroaniline	11.03	127	102775	24.630	ng	98
34) Hexachlorobutadiene	11.18	225	84576	39.648	ng	94
35) Caprolactam	11.80	113	51546m	42.760	ng	
36) 4-Chloro-3-methylphenol	12.14	107	155064	44.404	ng	95
37) 2-Methylnaphthalene	12.52	142	300764	41.570	ng	99
38) 1-Methylnaphthalene	12.73	142	284156	40.502	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	153373	40.221	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040328.D
 Acq On : 3 Apr 2019 16:23
 Operator : JU/SJ
 Sample : PB118462BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118462BS

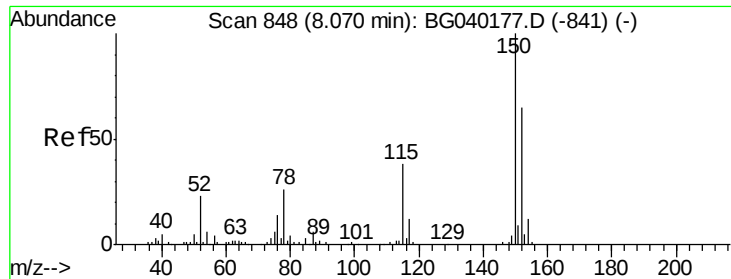
Manual Integrations
 APPROVED

sohil
 4/4/2019 4:46:29 AM

Quant Time: Apr 04 01:53:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	183461	87.622	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	112601	45.800	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	129042	48.154	ng	98
46) 1,1'-Biphenyl	13.51	154	382172	40.315	ng	99
47) 2-Chloronaphthalene	13.57	162	299028	41.123	ng	99
48) 2-Nitroaniline	13.78	65	104509	42.609	ng	97
49) Acenaphthylene	14.41	152	506589	41.090	ng	99
50) Dimethylphthalate	14.13	163	407809	43.431	ng	99
51) 2,6-Dinitrotoluene	14.27	165	91427	43.364	ng	97
52) Acenaphthene	14.75	154	291597	41.276	ng	96
53) 3-Nitroaniline	14.60	138	68822	30.837	ng	97
54) 2,4-Dinitrophenol	14.81	184	79341	70.760	ng	93
55) Dibenzofuran	15.08	168	481888	42.450	ng	98
56) 4-Nitrophenol	14.90	139	178088	98.870	ng	98
57) 2,4-Dinitrotoluene	15.05	165	134951	46.065	ng	97
58) Fluorene	15.73	166	387914	43.464	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	125740	51.708	ng	99
60) Diethylphthalate	15.48	149	443371	46.143	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	208163	43.634	ng	98
62) 4-Nitroaniline	15.76	138	113994	47.595	ng	94
63) Azobenzene	16.01	77	385482	42.532	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	69150	37.944	ng	99
66) n-Nitrosodiphenylamine	15.93	169	372947	39.290	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	137428	37.648	ng	98
68) Hexachlorobenzene	16.72	284	144507	39.372	ng	96
69) Atrazine	16.87	200	142742	40.425	ng	98
70) Pentachlorophenol	17.07	266	159678	75.251	ng	96
71) Phenanthrene	17.47	178	710246	41.657	ng	99
72) Anthracene	17.56	178	723938	42.421	ng	99
73) Carbazole	17.84	167	719758	44.565	ng	99
74) Di-n-butylphthalate	18.37	149	874235	45.666	ng	100
75) Fluoranthene	19.48	202	941461	46.632	ng	99
77) Benzidine	19.66	184	444577	32.333	ng	98
78) Pyrene	19.84	202	945909	37.776	ng	99
80) Butylbenzylphthalate	20.71	149	443392	41.381	ng	99
81) Benzo(a)anthracene	21.68	228	901215	38.426	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	203178	22.773	ng	100
83) Chrysene	21.75	228	891658	39.559	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	627822	40.990	ng	99
85) Di-n-octyl phthalate	22.77	149	1069608	40.988	ng	99
86) Indeno(1,2,3-cd)pyrene	28.75	276	1089025	39.503	ng	# 92
88) Benzo(b)fluoranthene	23.94	252	968477	42.478	ng	99
89) Benzo(k)fluoranthene	24.01	252	908929	43.351	ng	98
90) Benzo(a)pyrene	24.83	252	936455	43.776	ng	99
91) Dibenzo(a,h)anthracene	28.81	278	893763	44.985	ng	99
92) Benzo(g,h,i)perylene	29.94	276	917928	44.956	ng	97

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



#1

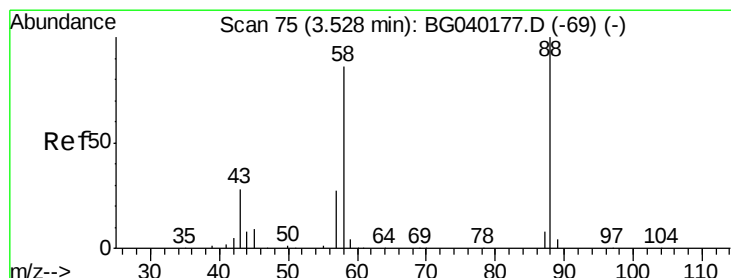
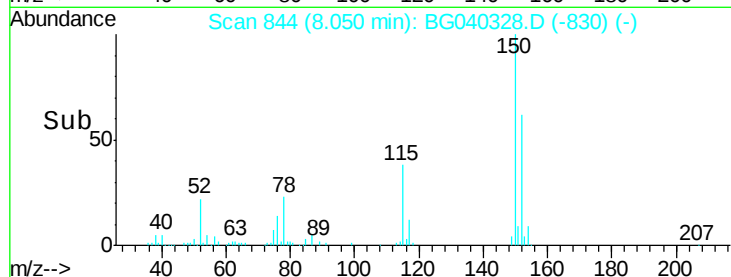
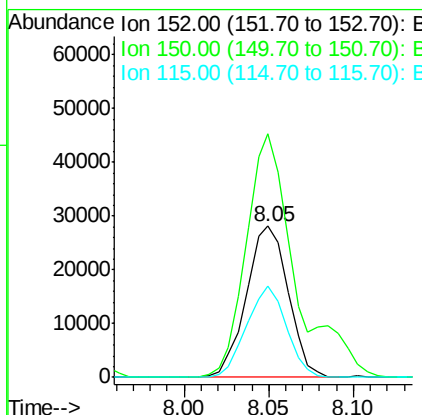
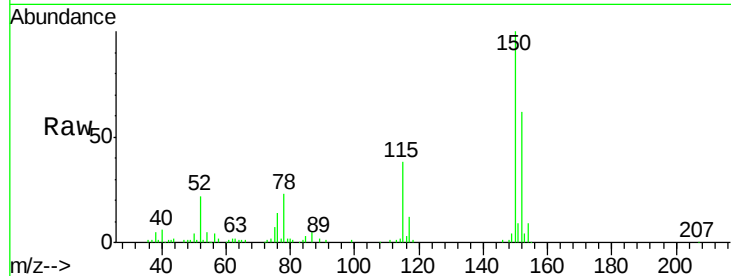
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.1	123.7	185.5
115	60.7	46.9	70.3

Manual Integrations
APPROVED

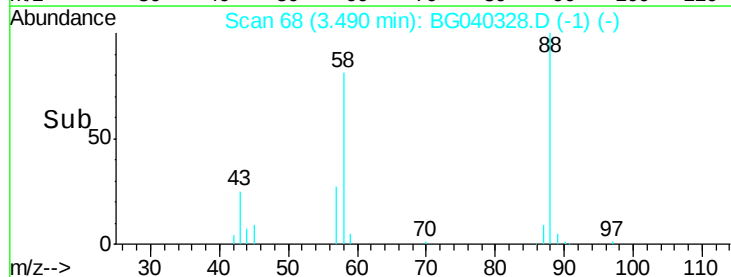
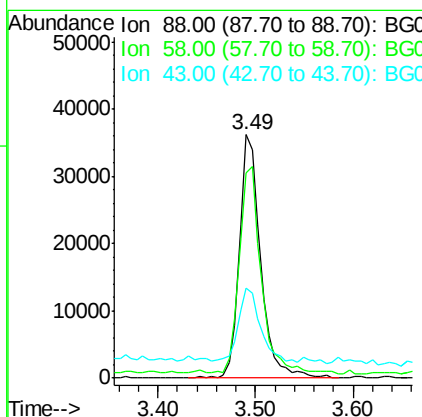
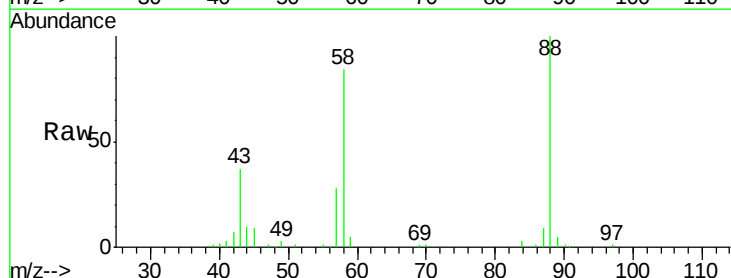
sohil
4/4/2019 4:46:29 AM

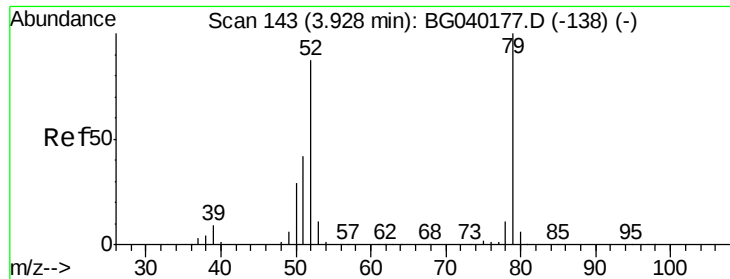


#2

1,4-Dioxane
Concen: 39.993 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	70.6	106.0
43	31.1	24.8	37.2





#3

Pyridine

Concen: 36.429 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

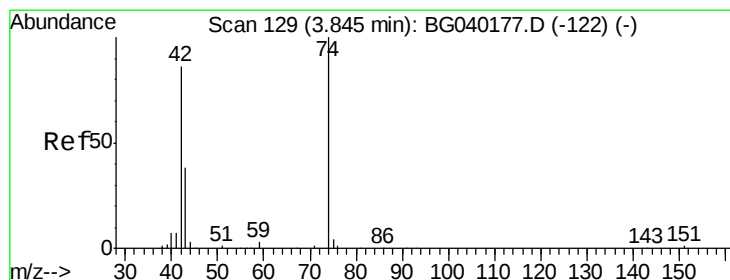
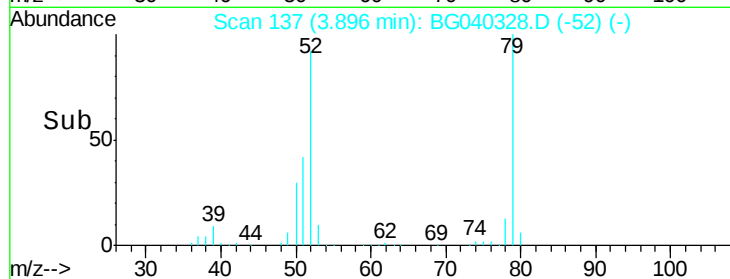
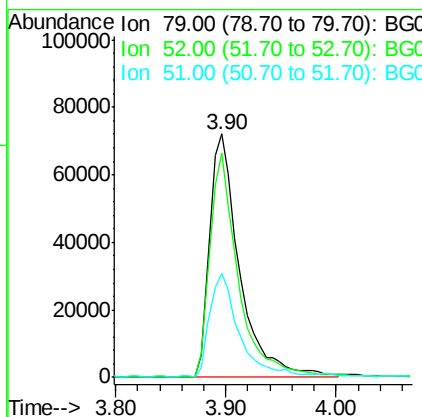
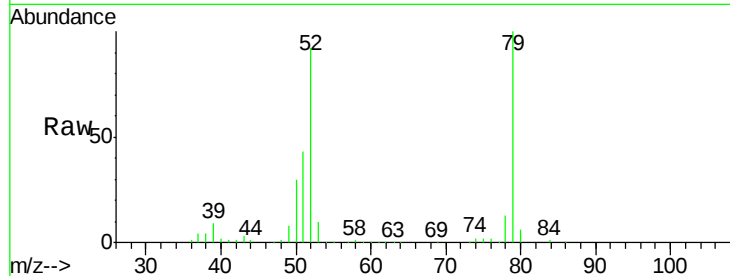
ClientSampleId :

PB118462BS

Tgt Ion:	79	Resp:	134452
Ion	Ratio	Lower	Upper
79	100		
52	92.1	69.8	104.8
51	42.7	33.9	50.9

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#4

n-Nitrosodimethylamine

Concen: 35.614 ng

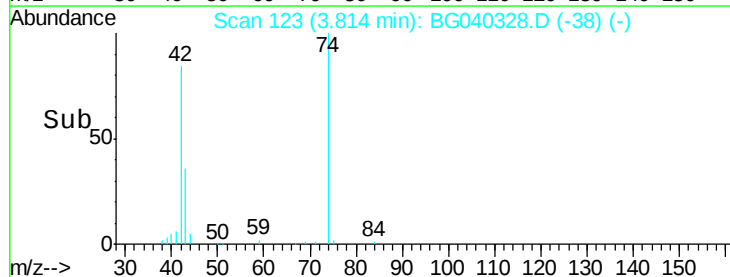
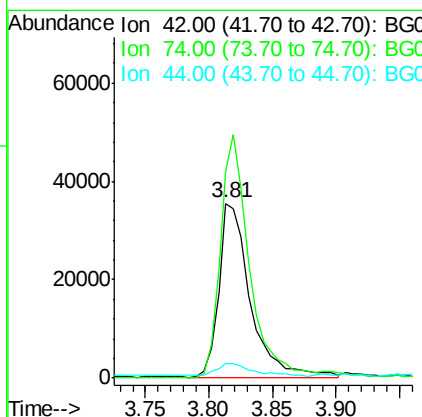
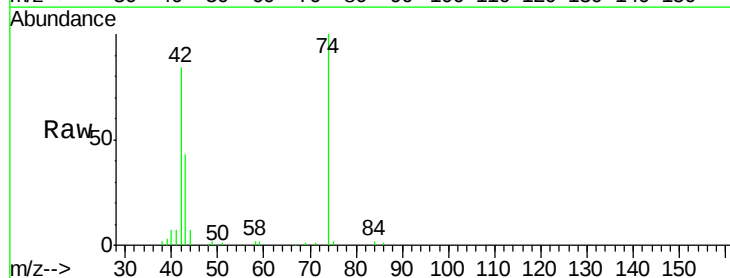
RT: 3.81 min Scan# 123

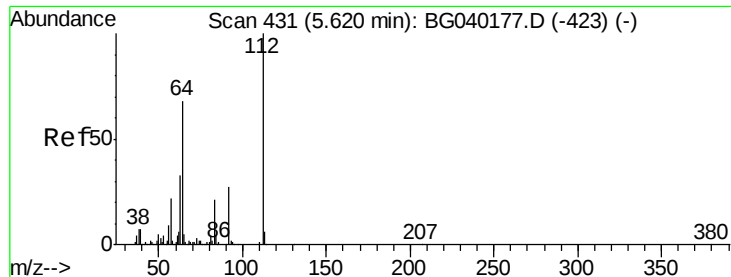
Delta R.T. -0.03 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:	42	Resp:	60802
Ion	Ratio	Lower	Upper
42	100		
74	118.7	92.9	139.3
44	8.5	9.7	14.5





#5

2-Fluorophenol

Concen: 131.323 ng

RT: 5.61 min Scan# 428

Delta R.T. -0.01 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

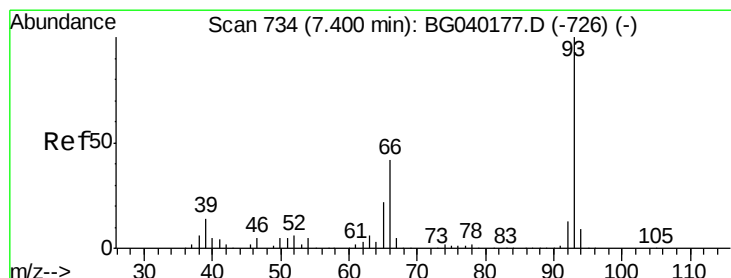
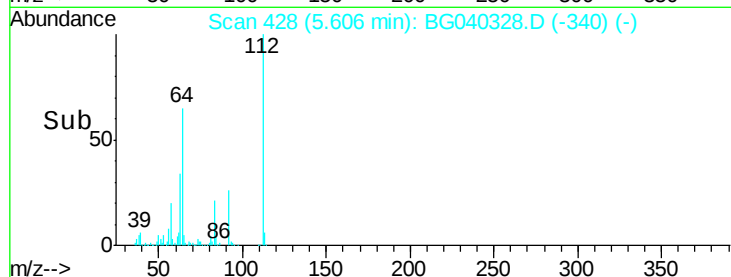
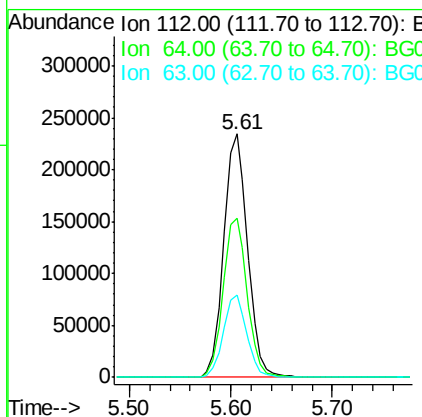
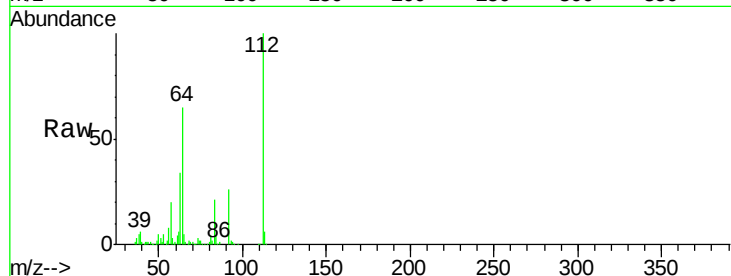
ClientSampleId :

PB118462BS

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	382837		
64	65.4	54.2	81.2	
63	33.6	26.4	39.6	

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#6

Aniline

Concen: 26.404 ng

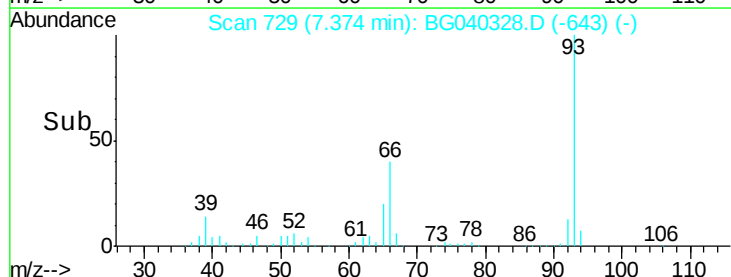
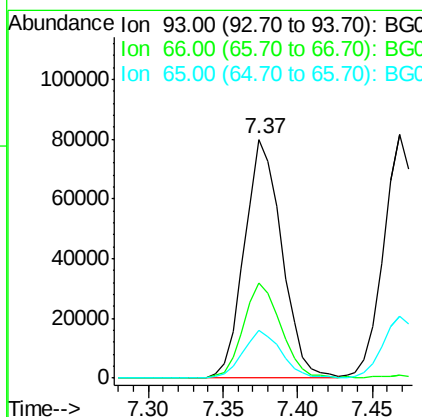
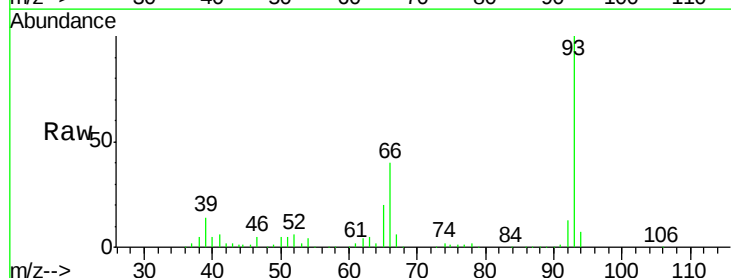
RT: 7.37 min Scan# 729

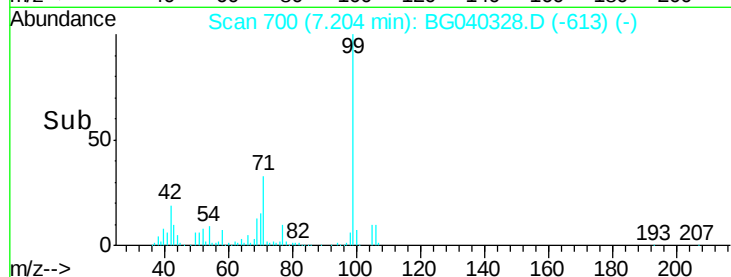
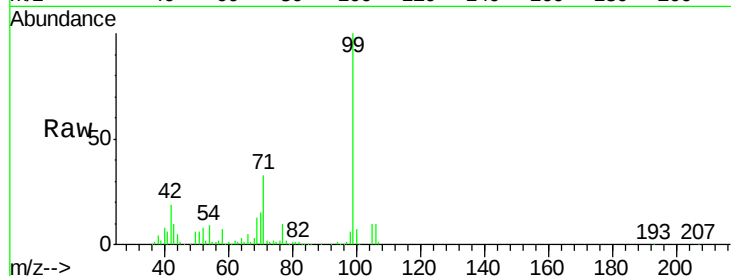
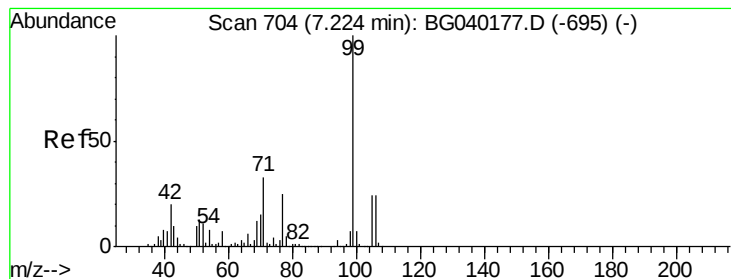
Delta R.T. -0.03 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	138209		
66	40.0	33.6	50.4	
65	19.7	17.4	26.2	





#7

Phenol-d6

Concen: 125.610 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	506070		
42	19.1	16.2	24.2	
71	33.2	26.8	40.2	

Instrument :

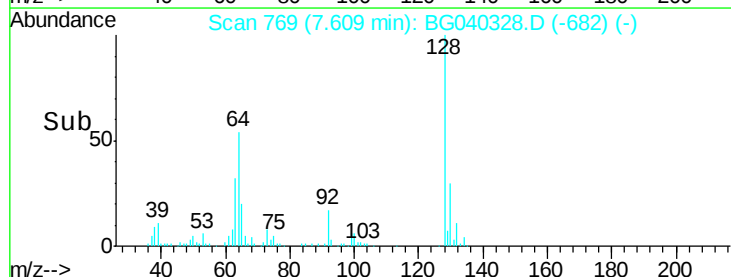
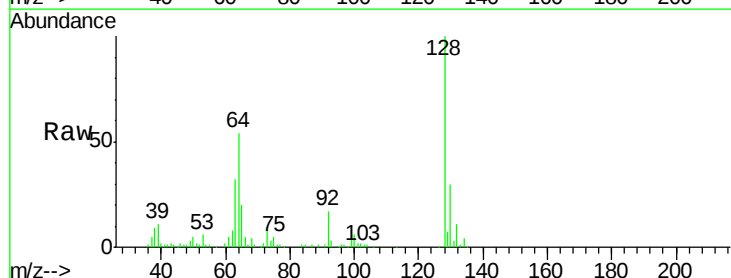
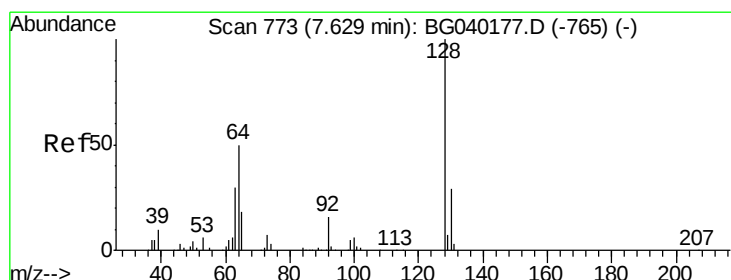
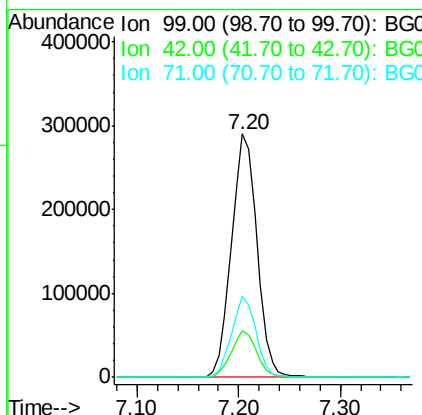
BNA_G

ClientSampleId :

PB118462BS

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#8

2-Chlorophenol

Concen: 38.201 ng

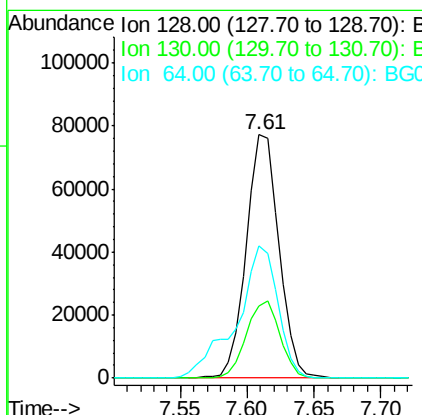
RT: 7.61 min Scan# 769

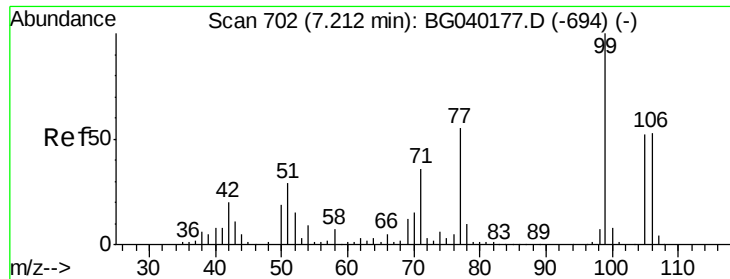
Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	130362		
130	29.9	9.1	49.1	
64	54.3	33.1	73.1	





#9

Benzaldehyde

Concen: 32.058 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

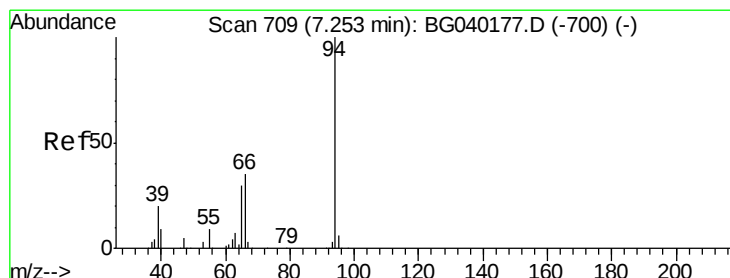
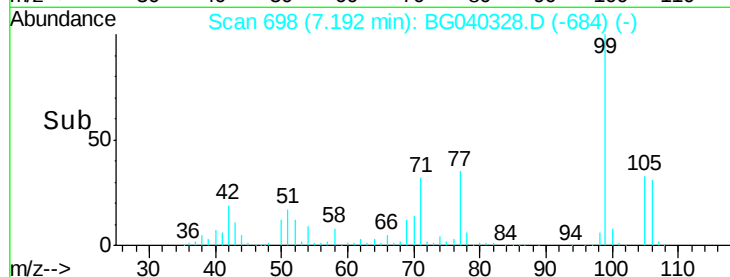
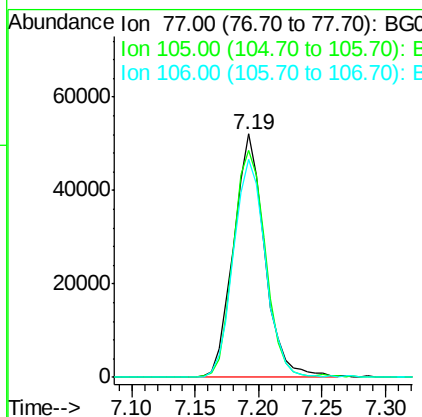
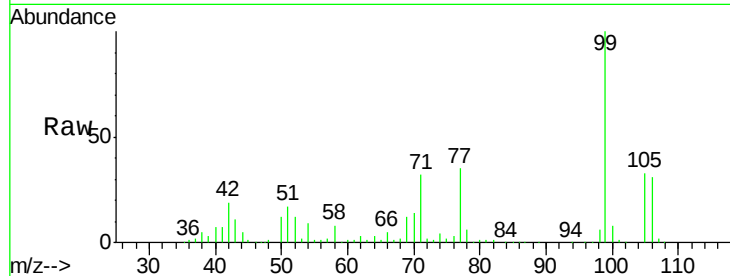
ClientSampleId :

PB118462BS

Tgt Ion:	77	Resp:	88595
Ion	Ratio	Lower	Upper
77	100		
105	93.4	75.0	115.0
106	89.4	75.7	115.7

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#10

Phenol

Concen: 39.288 ng

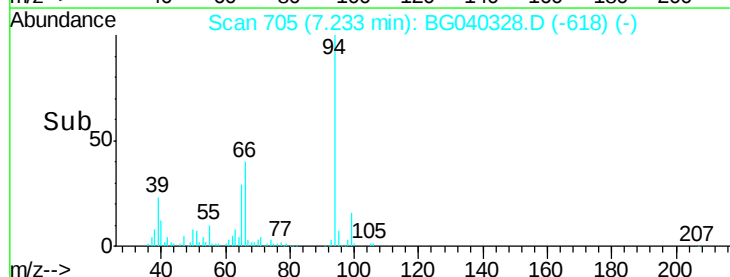
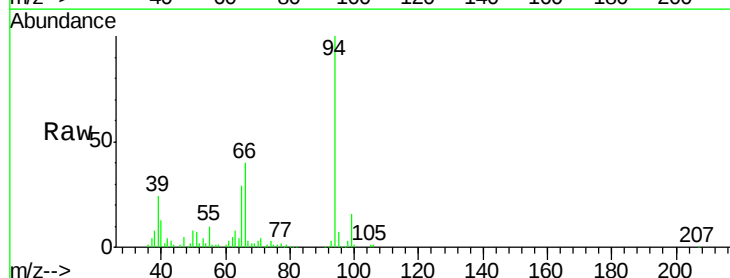
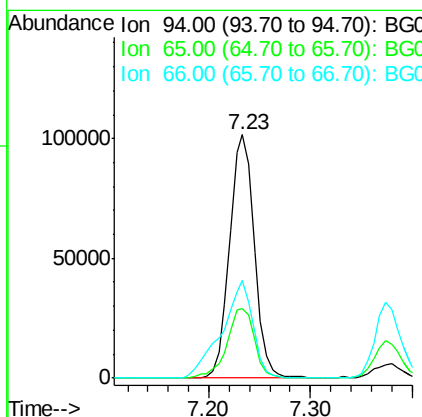
RT: 7.23 min Scan# 705

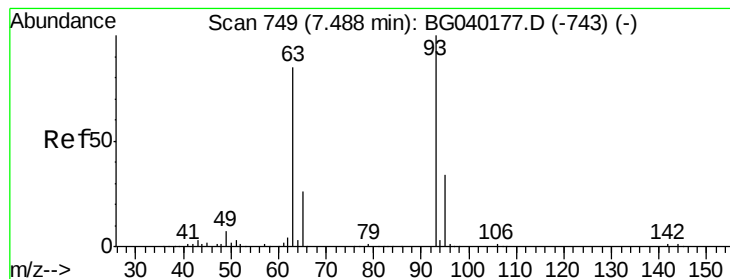
Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:	94	Resp:	171808
Ion	Ratio	Lower	Upper
94	100		
65	28.6	10.5	50.5
66	40.1	16.9	56.9





#11

bis(2-Chloroethyl)ether

Concen: 36.612 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampled :

PB118462BS

Tgt Ion: 93 Resp: 128233

Ion Ratio Lower Upper

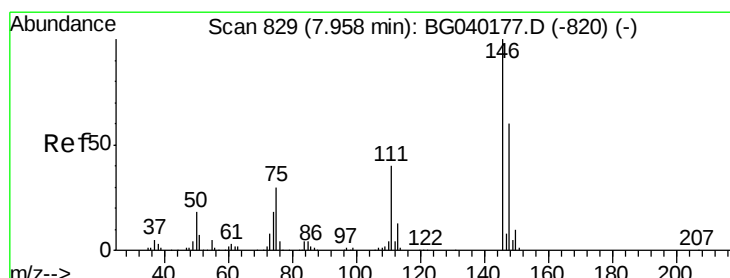
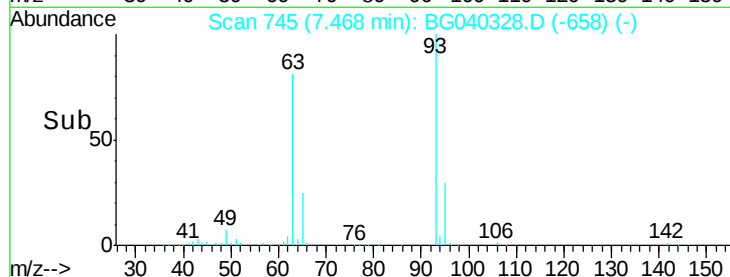
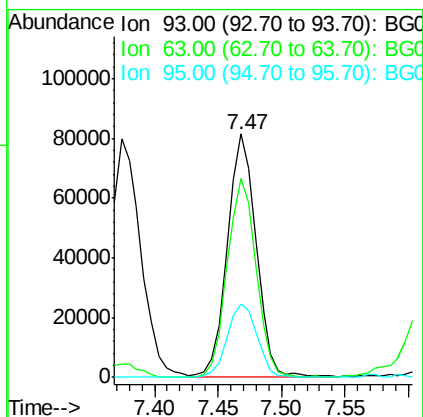
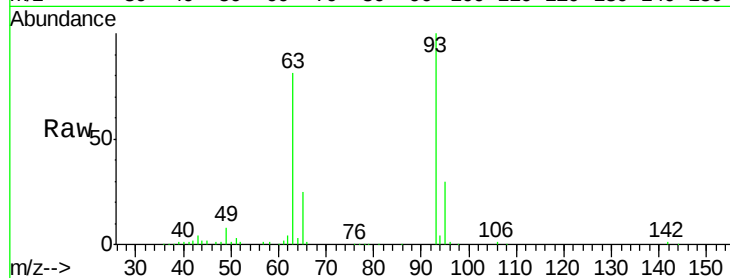
93 100

63 81.4 64.2 104.2

95 30.4 14.0 54.0

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#12

1,3-Dichlorobenzene

Concen: 38.991 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

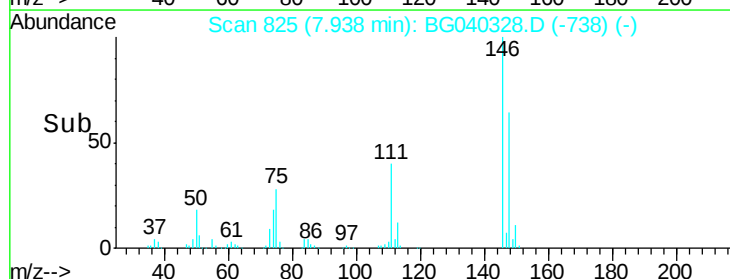
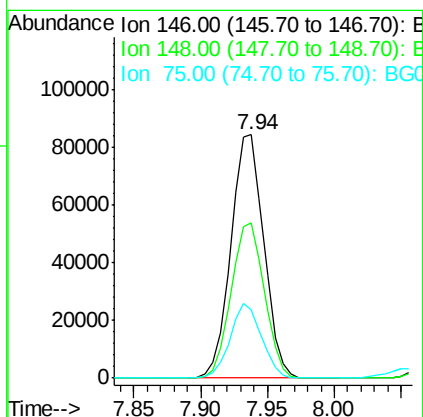
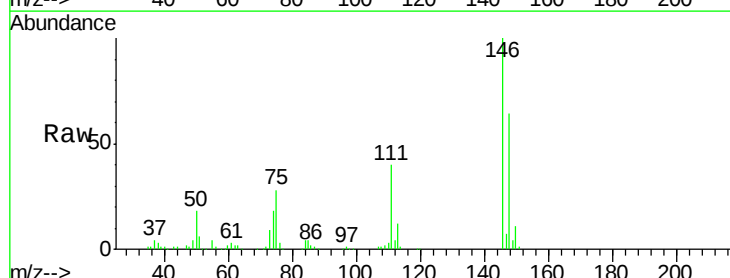
Tgt Ion: 146 Resp: 144642

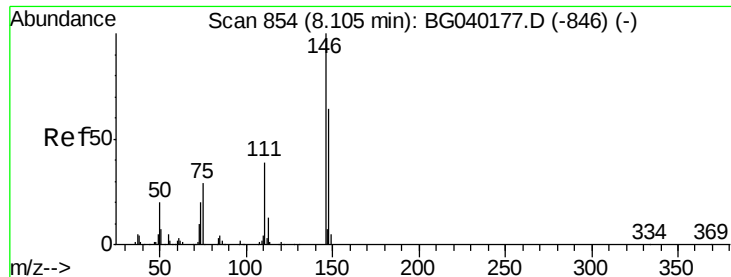
Ion Ratio Lower Upper

146 100

148 63.8 48.2 72.2

75 28.1 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 39.086 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

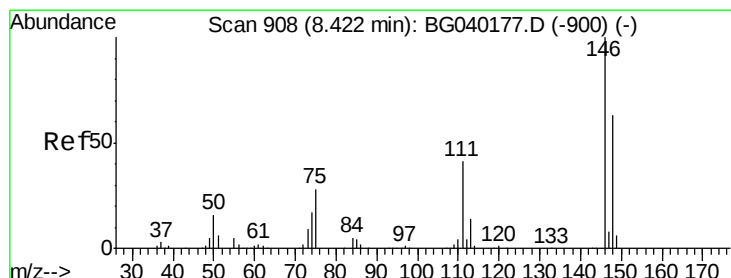
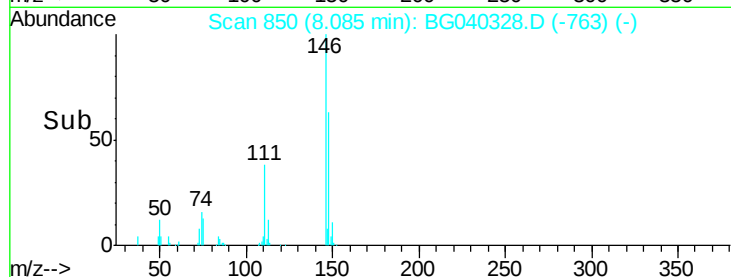
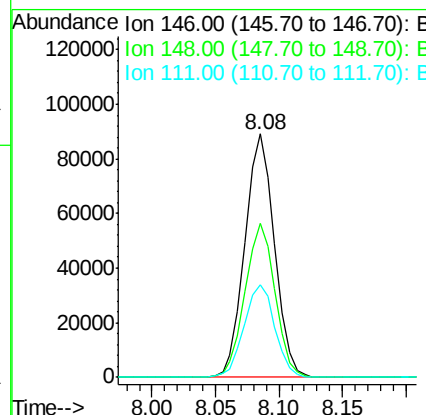
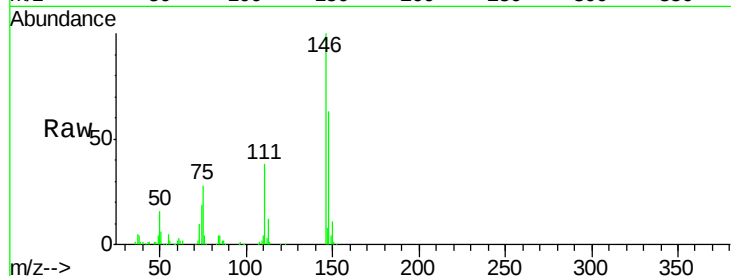
ClientSampleId :

PB118462BS

Tgt Ion:	146	Resp:	144411
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.0	76.4
111	37.9	31.8	47.6

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#14

1,2-Dichlorobenzene

Concen: 37.765 ng

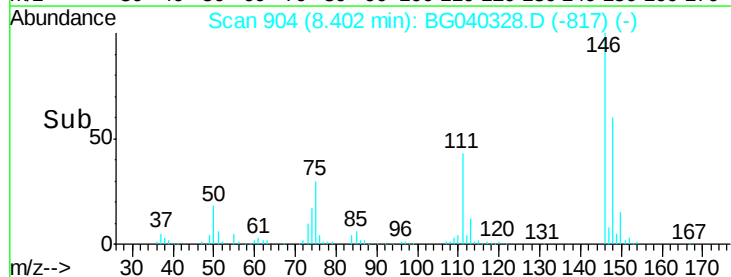
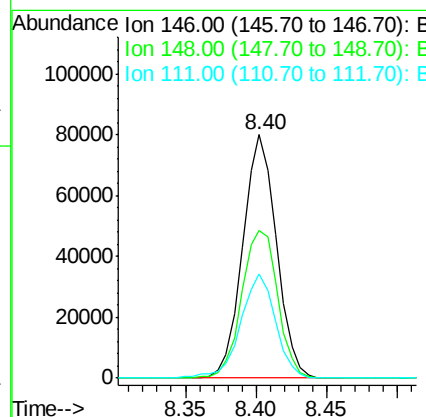
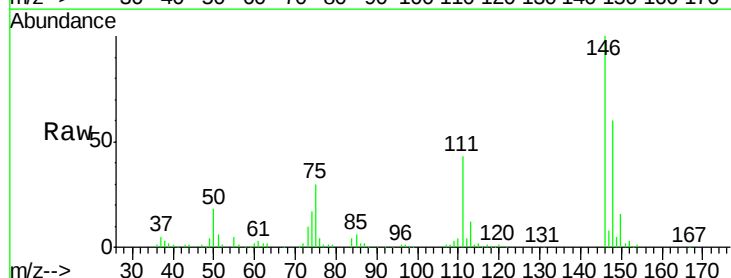
RT: 8.40 min Scan# 904

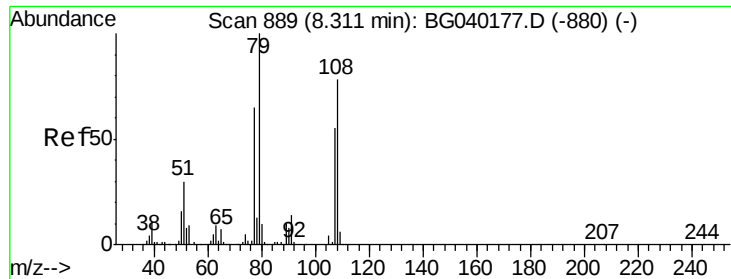
Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:	146	Resp:	133433
Ion Ratio	Lower	Upper	
146	100		
148	60.5	50.8	76.2
111	42.5	33.4	50.0





#15

Benzyl Alcohol

Concen: 35.700 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

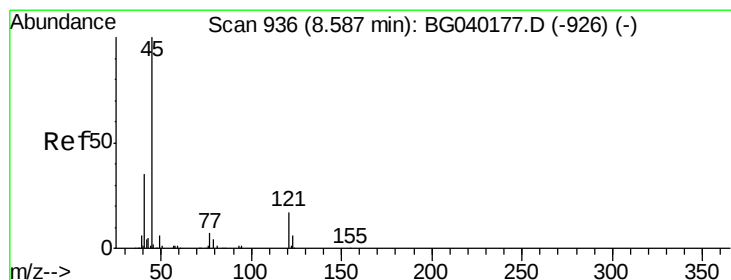
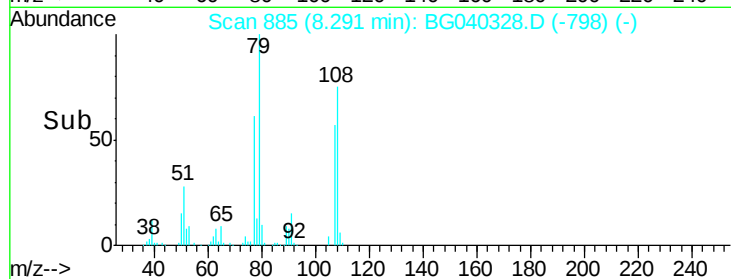
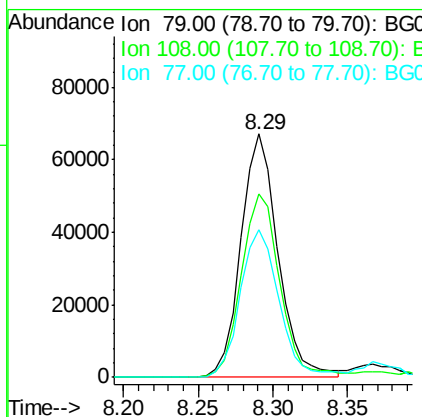
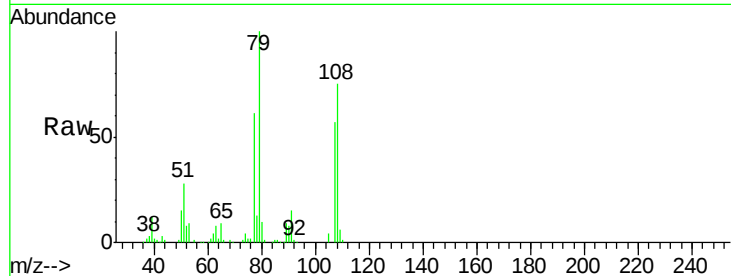
ClientSampleId :

PB118462BS

Tgt Ion:	79	Resp:	115833
Ion Ratio	Lower	Upper	
79	100		
108	75.3	62.1	93.1
77	60.9	51.9	77.9

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.406 ng

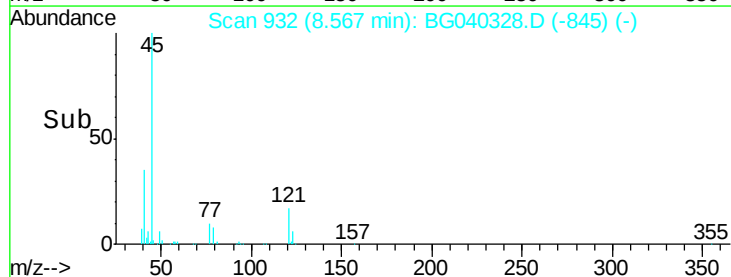
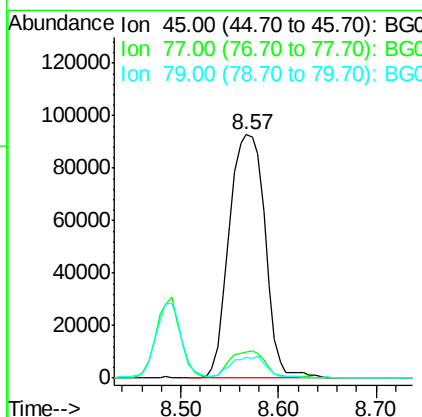
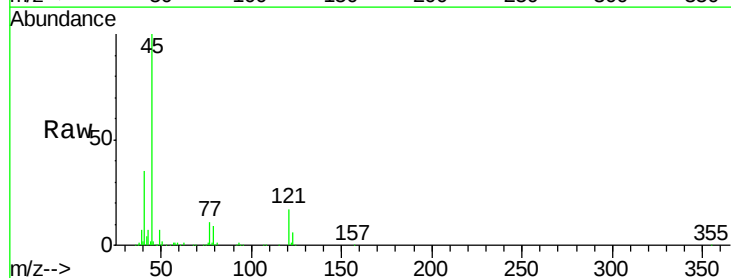
RT: 8.57 min Scan# 932

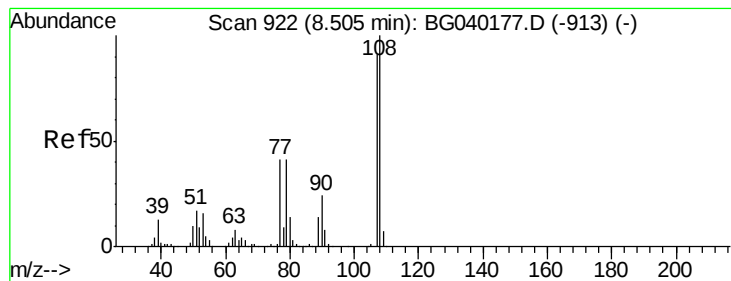
Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

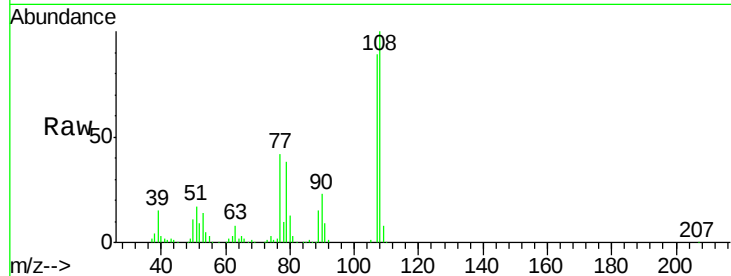
Tgt Ion:	45	Resp:	238003
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	31.4
79	8.7	0.0	28.3





#17
2-Methylphenol
Concen: 38.268 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

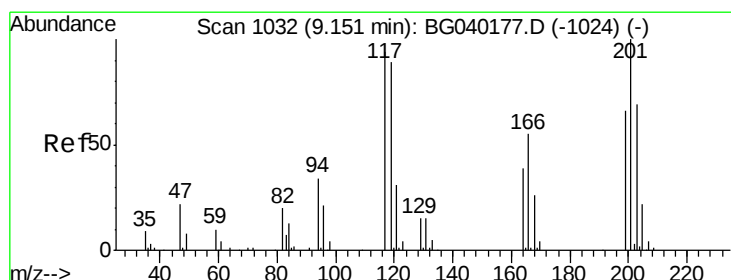
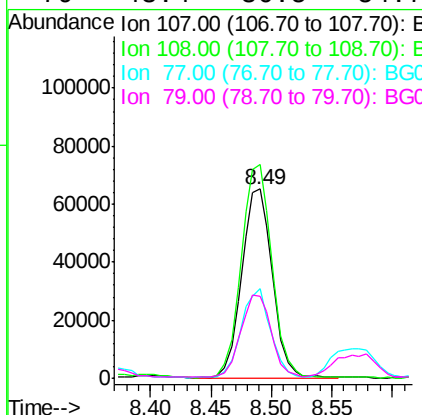
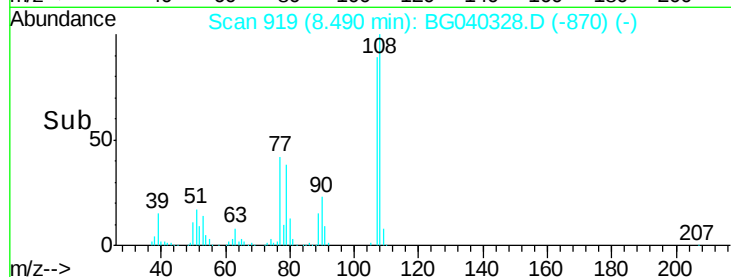
Instrument :
BNA_G
ClientSampleId :
PB118462BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	115800		
108	112.9	88.2	132.4	
77	47.2	36.6	55.0	
79	43.4	36.5	54.7	

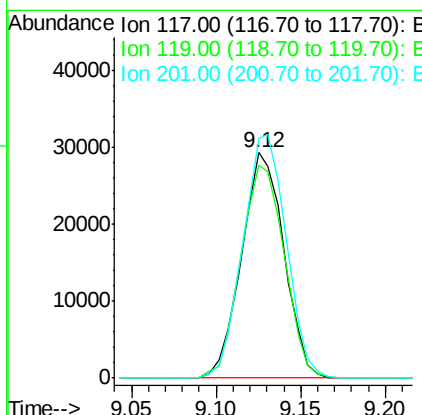
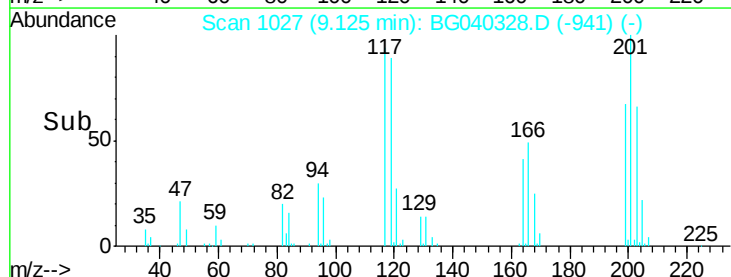
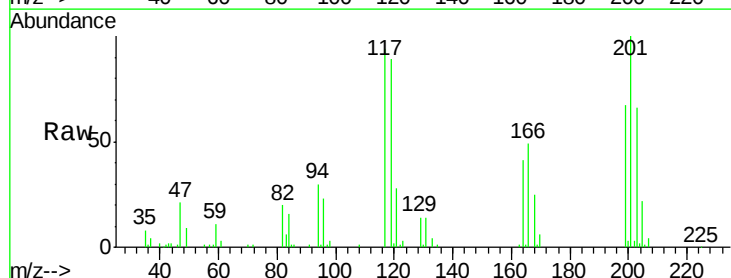
Manual Integrations
APPROVED

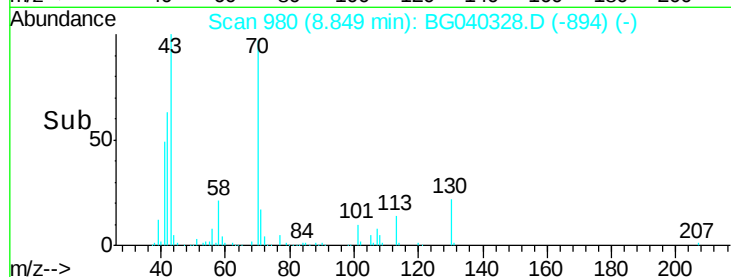
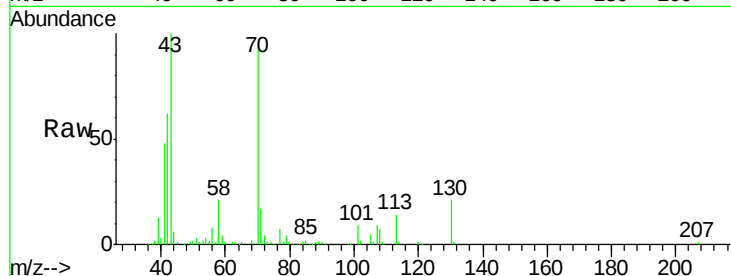
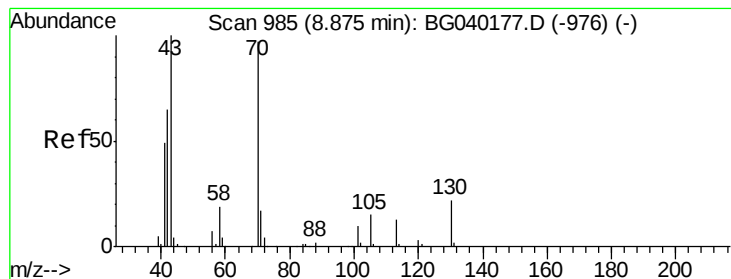
sohil
4/4/2019 4:46:29 AM



#18
Hexachloroethane
Concen: 36.303 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	51020		
119	94.5	76.6	115.0	
201	106.5	85.0	127.4	





#19

n-Nitroso-di-n-propylamine

Concen: 34.875 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.2	54.0	81.0	
101	9.9	8.6	13.0	
130	22.4	18.2	27.2	

Instrument :

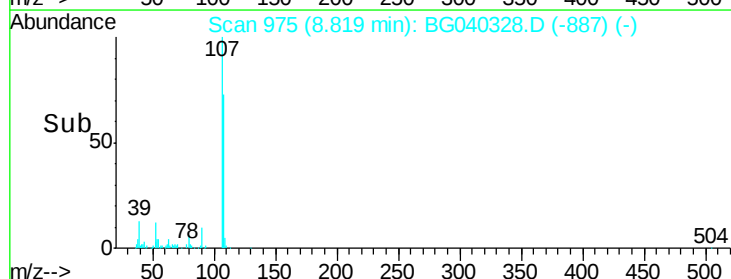
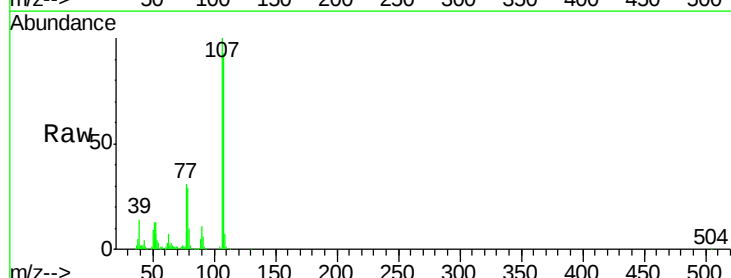
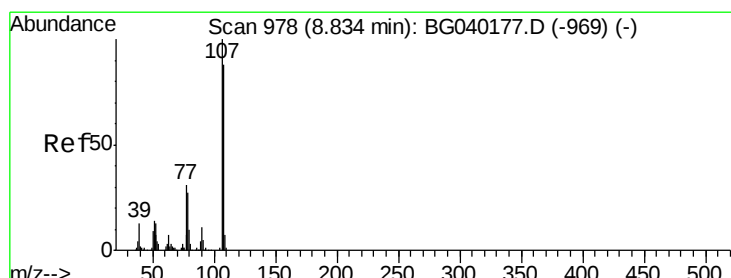
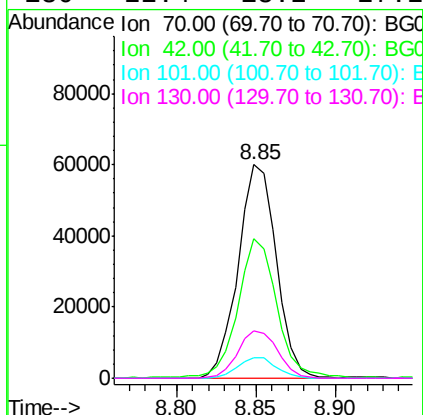
BNA_G

ClientSampleId :

PB118462BS

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#20

3+4-Methylphenols

Concen: 38.871 ng

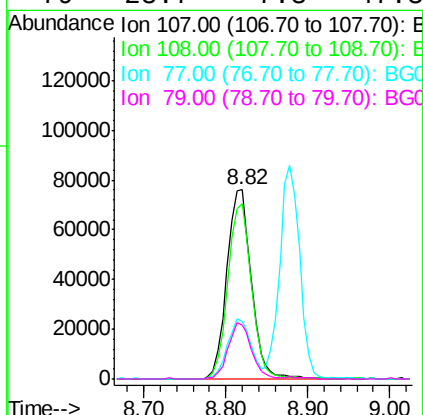
RT: 8.82 min Scan# 975

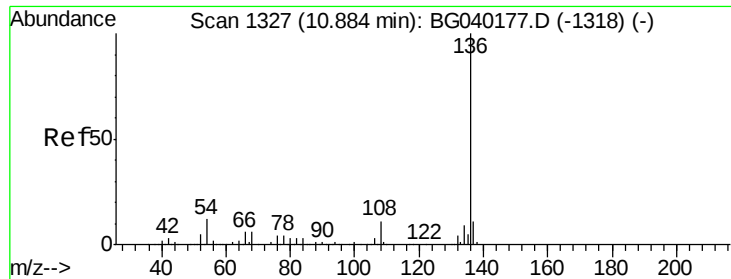
Delta R.T. -0.01 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	68.3	108.3	
77	30.8	11.3	51.3	
79	28.7	7.3	47.3	





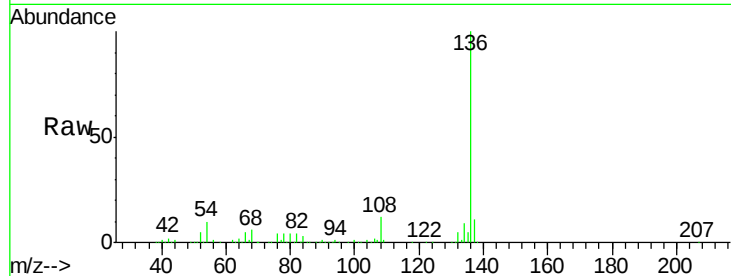
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

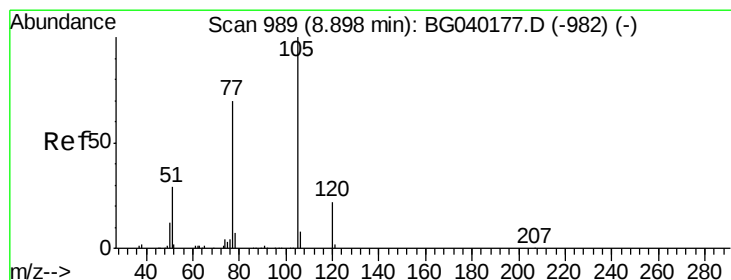
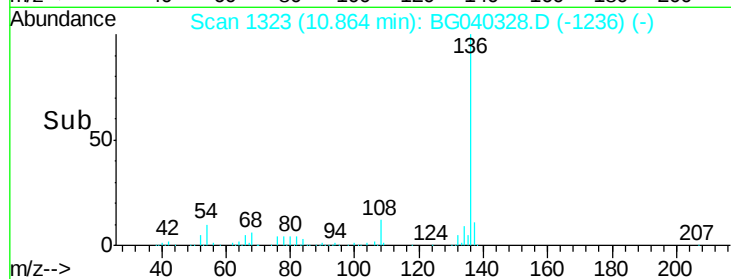
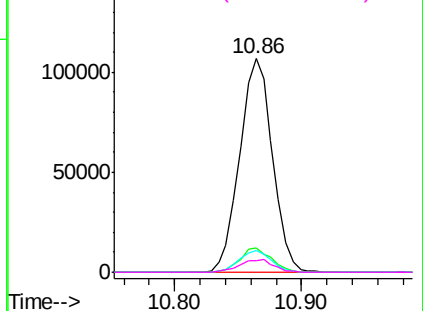
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	190854		
137	11.4	8.9	13.3	
54	10.4	9.6	14.4	
68	5.6	5.1	7.7	

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



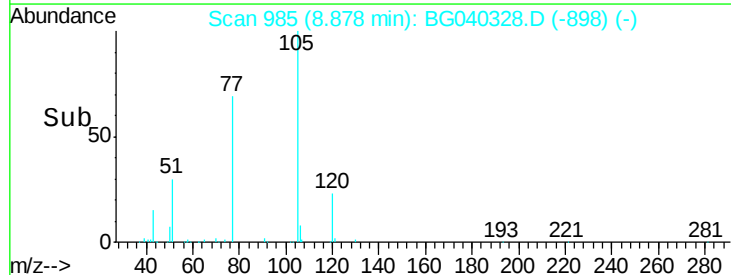
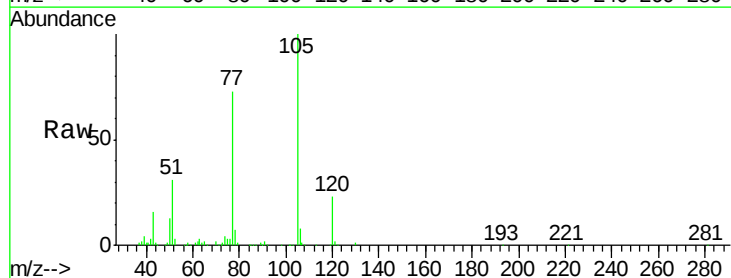
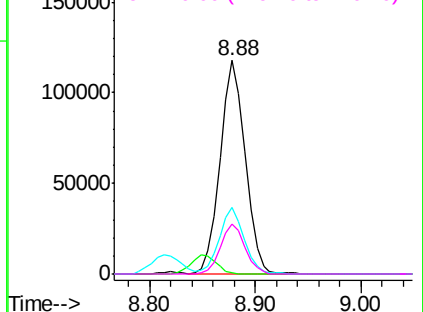
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

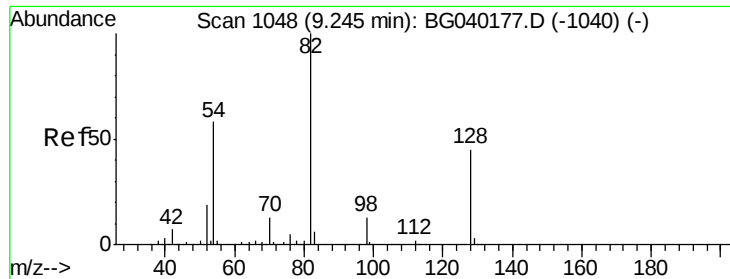


#22
Acetophenone
Concen: 41.058 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	195469		
71	0.4	0.6	1.0#	
51	31.4	25.1	37.7	
120	23.3	17.6	26.4	

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





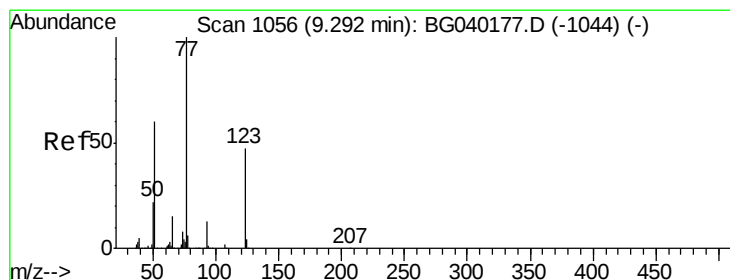
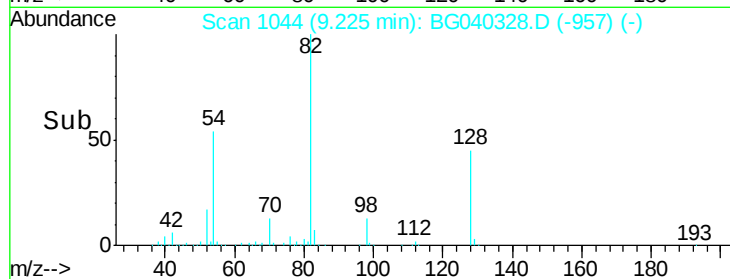
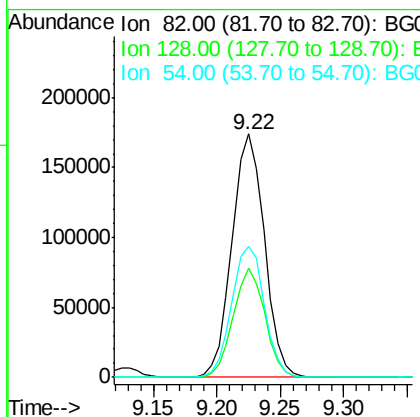
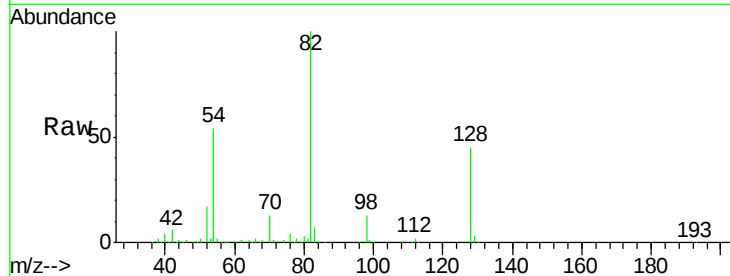
#23
 Nitrobenzene-d5
 Concen: 85.821 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB118462BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	308152		
128	44.7	35.8	53.8	
54	53.6	46.2	69.2	

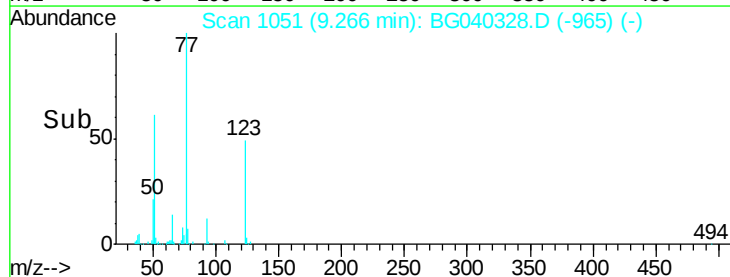
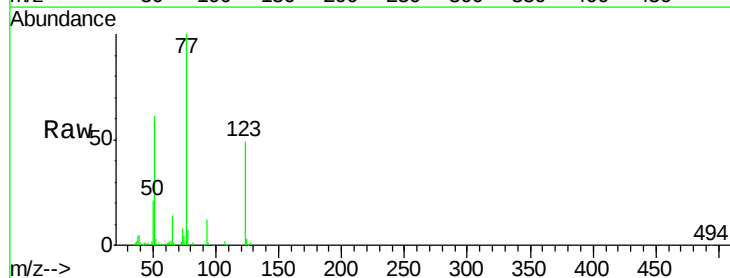
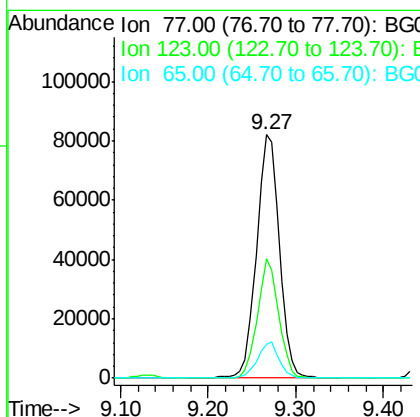
Manual Integrations
 APPROVED

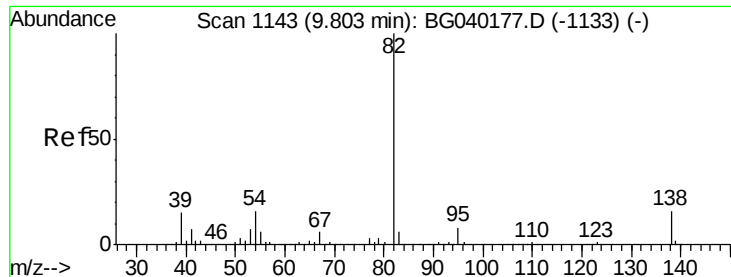
sohil
 4/4/2019 4:46:29 AM



#24
 Nitrobenzene
 Concen: 39.542 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	147024		
123	49.2	37.8	56.6	
65	13.8	12.0	18.0	





#25

Isophorone

Concen: 38.678 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

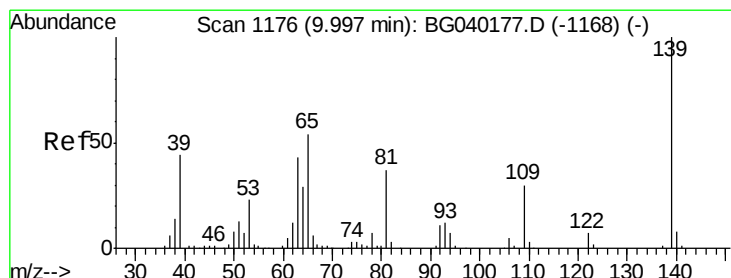
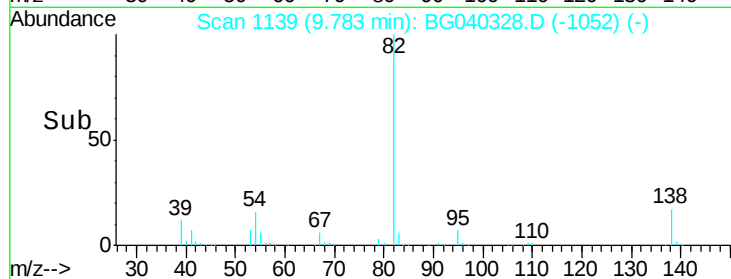
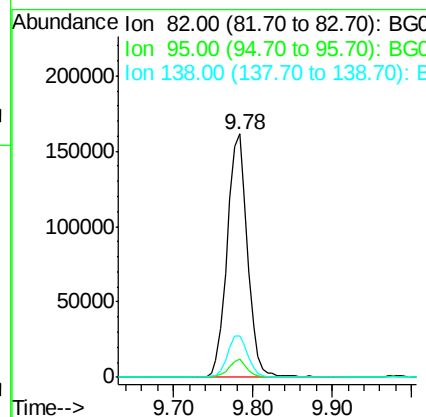
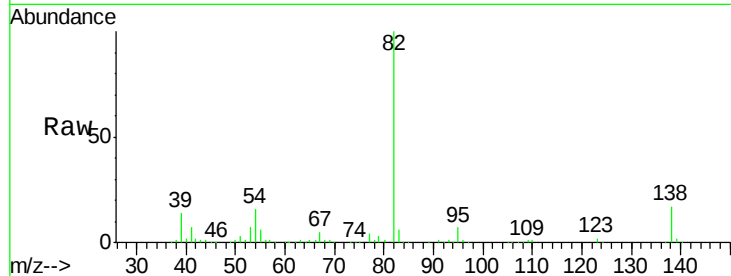
ClientSampleId :

PB118462BS

Tgt Ion:	82	Resp:	285754
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.1	9.1
138	17.1	13.2	19.8

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#26

2-Nitrophenol

Concen: 40.958 ng

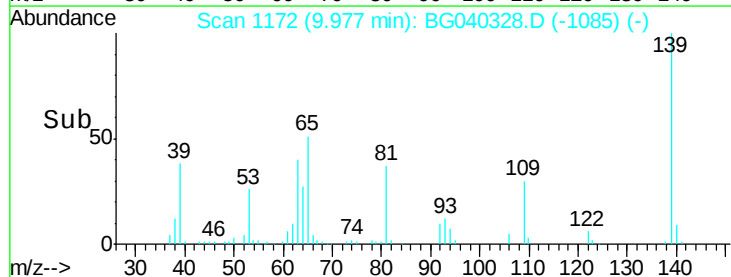
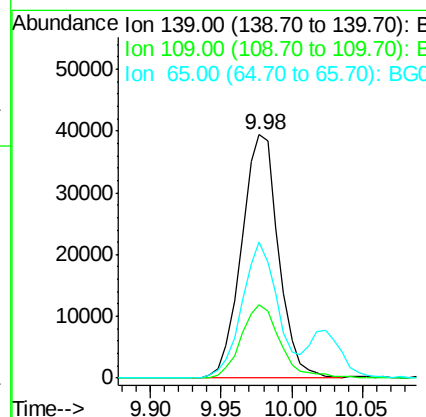
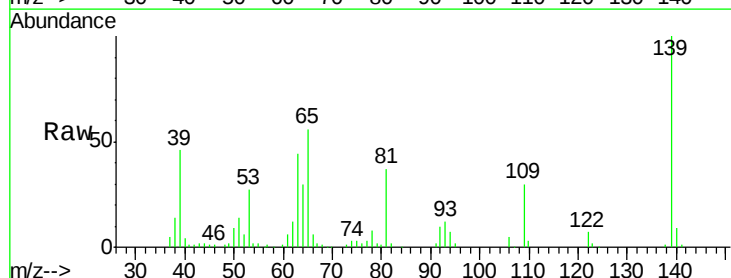
RT: 9.98 min Scan# 1172

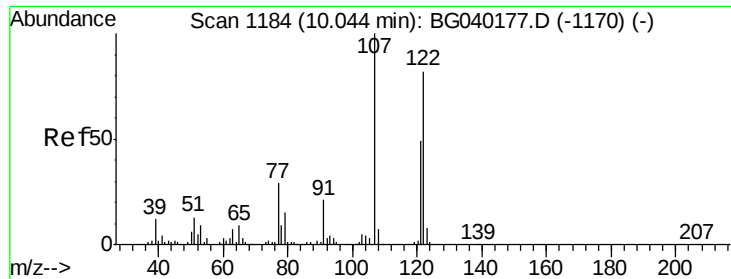
Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:	139	Resp:	72161
Ion Ratio	Lower	Upper	
139	100		
109	30.0	24.1	36.1
65	56.1	43.0	64.6





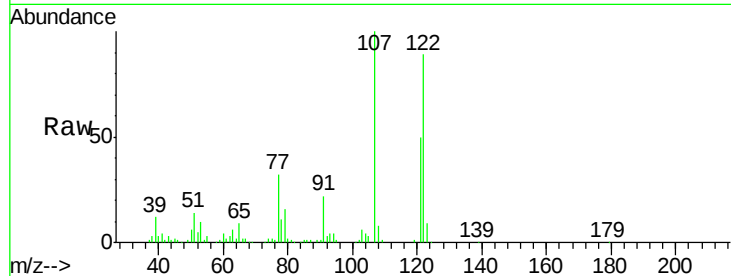
#27
2,4-Dimethylphenol
Concen: 45.744 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

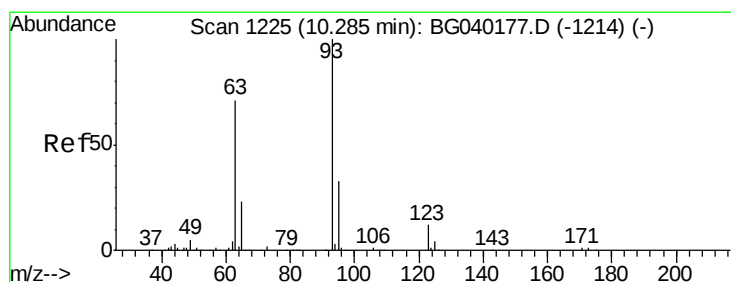
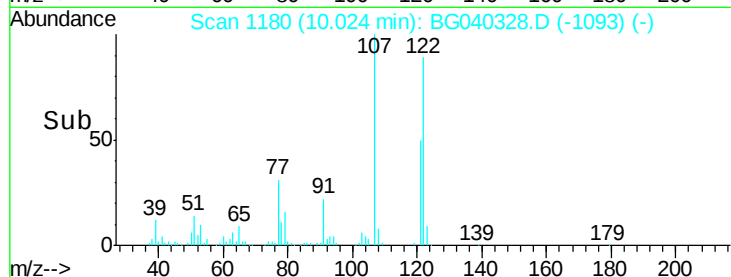
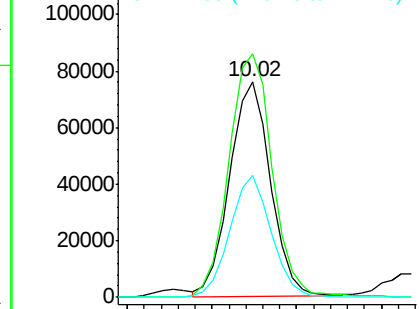
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	128018		
107	112.7	97.4	146.2	
121	56.7	47.7	71.5	

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM

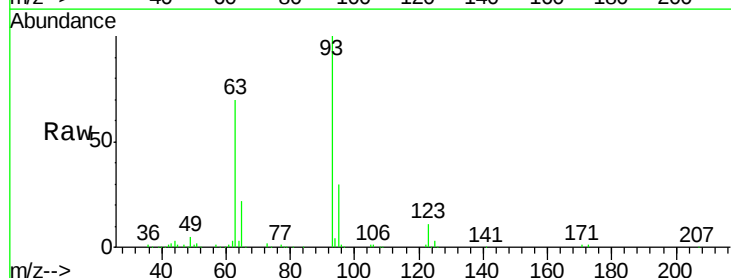


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

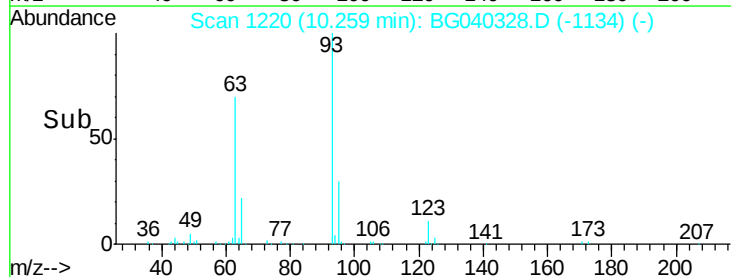
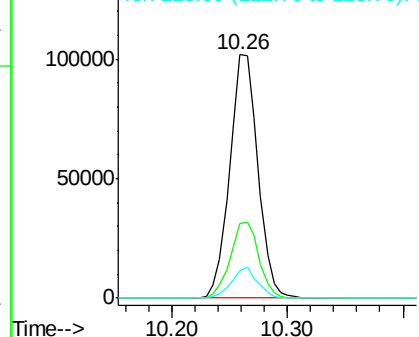


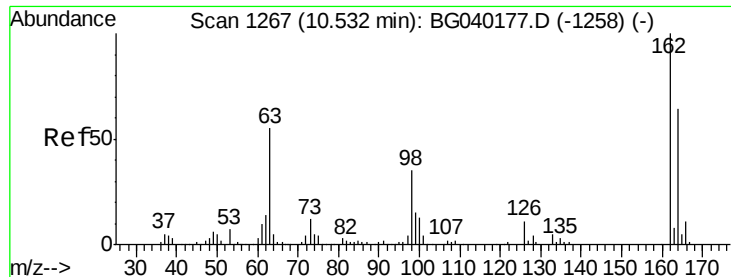
#28
bis(2-Chloroethoxy)methane
Concen: 39.290 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	171732		
95	30.4	26.2	39.4	
123	11.0	9.4	14.0	



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





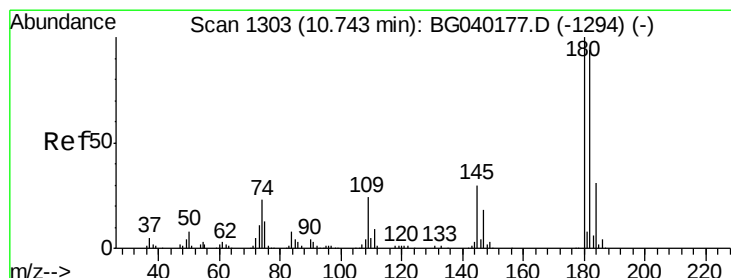
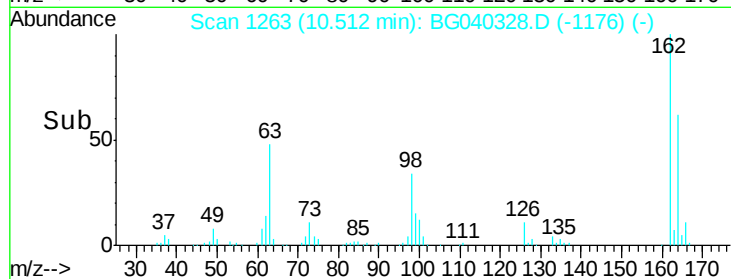
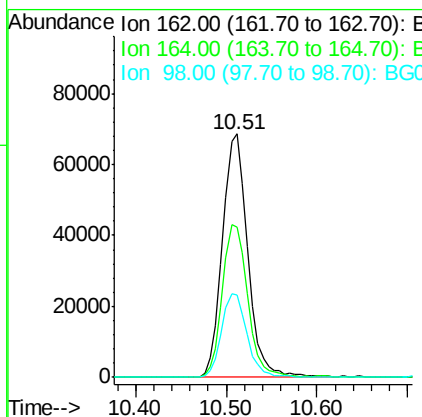
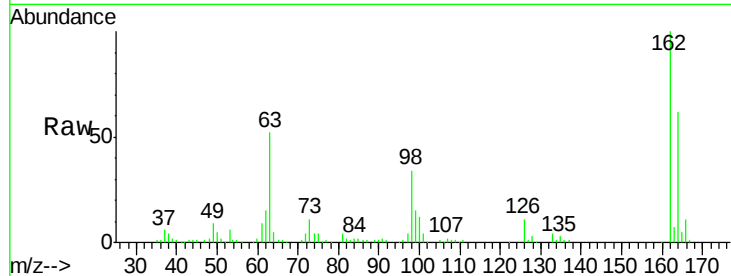
#29
 2,4-Dichlorophenol
 Concen: 43.982 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB118462BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	133602		
164	61.7	43.9	83.9	
98	33.6	15.6	55.6	

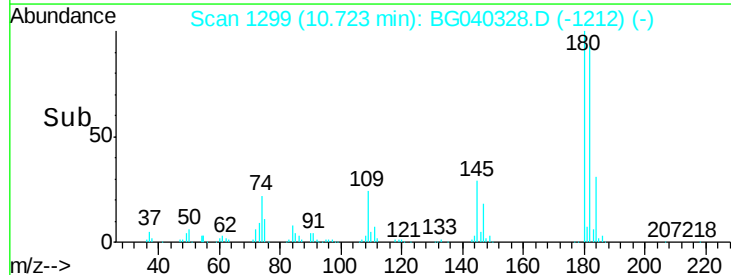
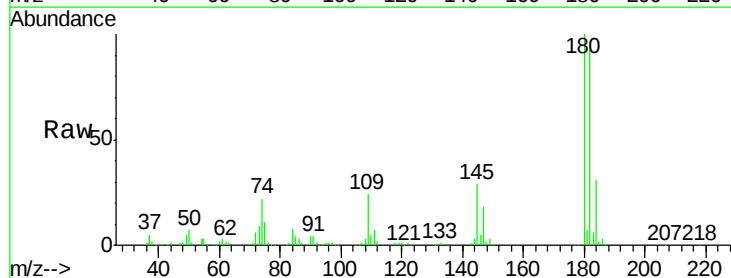
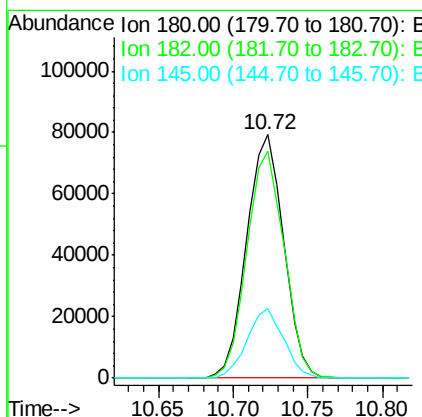
Manual Integrations
 APPROVED

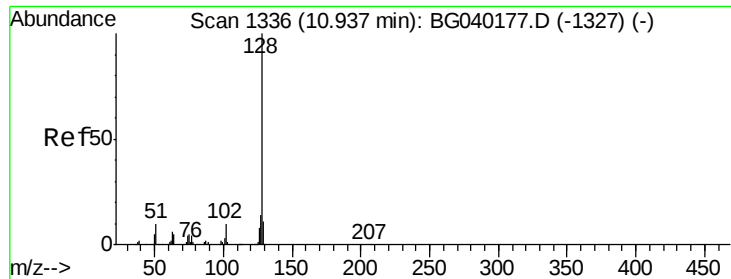
sohil
 4/4/2019 4:46:29 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.790 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	136051		
182	93.0	75.1	112.7	
145	28.8	24.1	36.1	





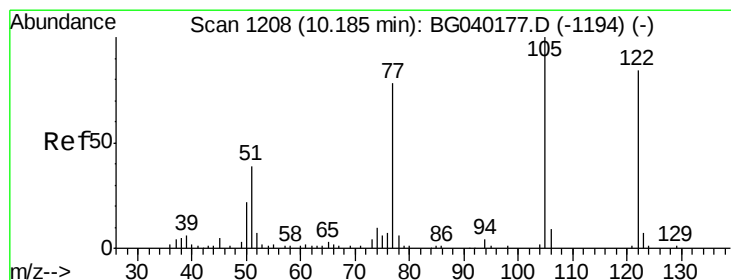
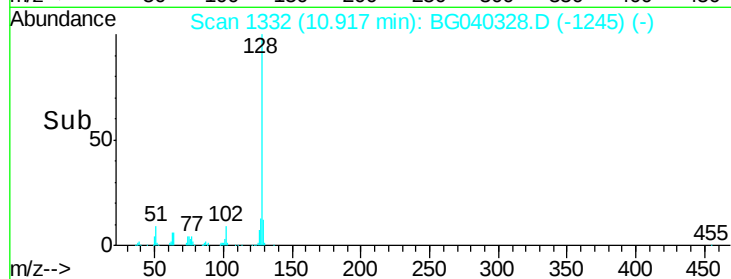
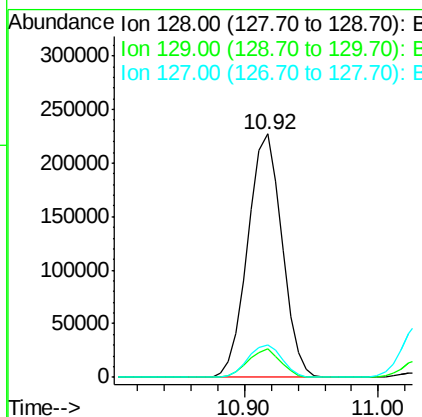
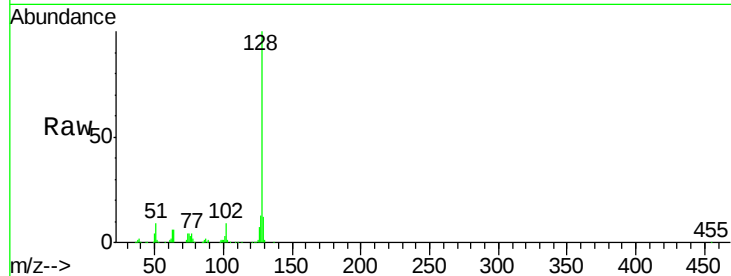
#31
Naphthalene
Concen: 41.028 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	401364		
129	11.8	8.9	13.3	
127	13.3	11.4	17.0	

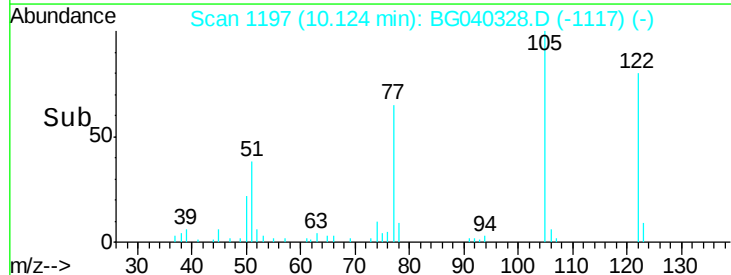
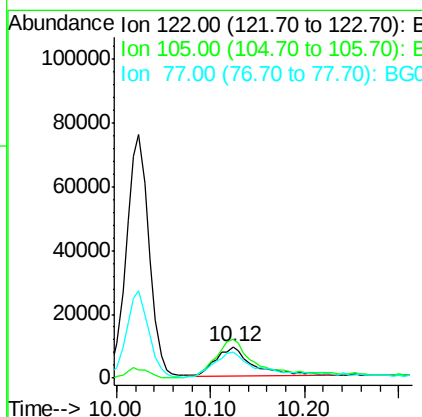
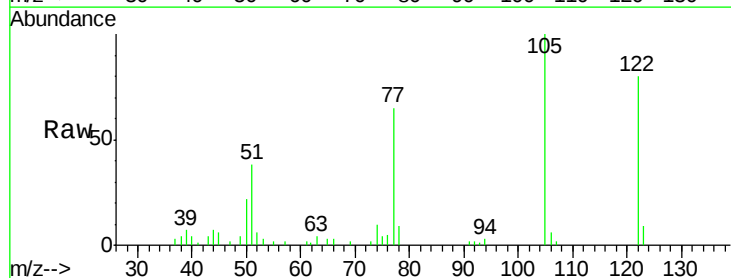
Manual Integrations
APPROVED

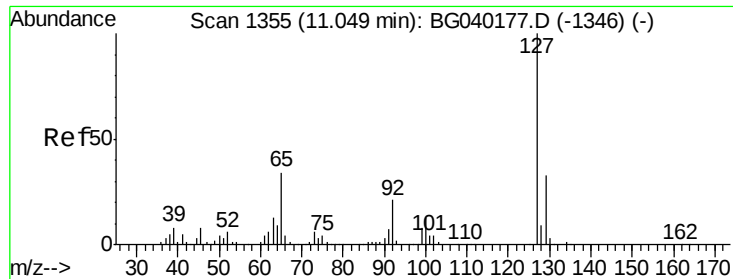
sohil
4/4/2019 4:46:29 AM



#32
Benzoic acid
Concen: 15.342 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.06 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	25942		
105	125.6	98.2	138.2	
77	81.9	73.6	113.6	





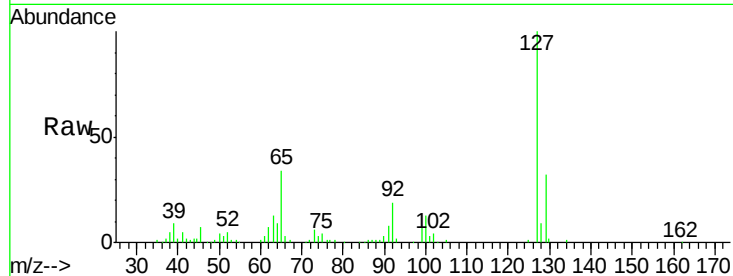
#33
4-Chloroaniline
Concen: 24.630 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

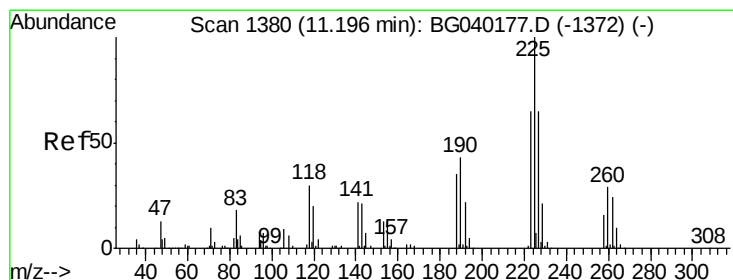
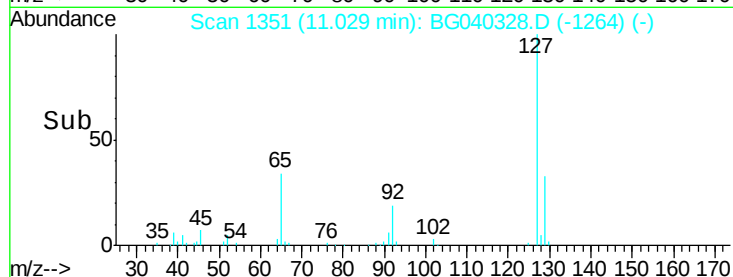
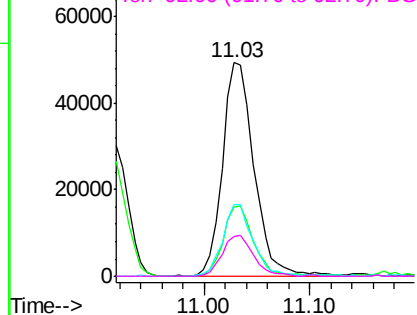
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	102775		
129	32.4	26.6	40.0	
65	33.6	27.0	40.4	
92	18.6	16.6	25.0	

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM

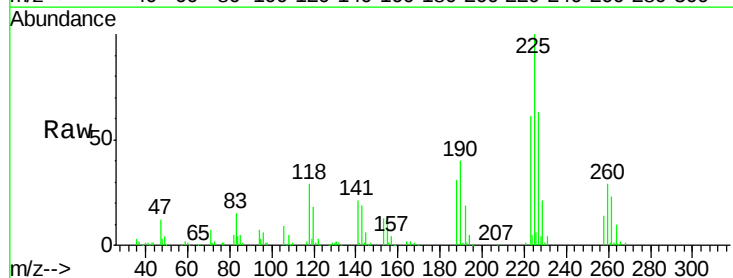


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

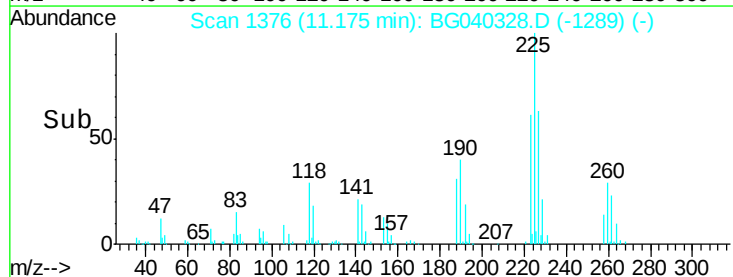
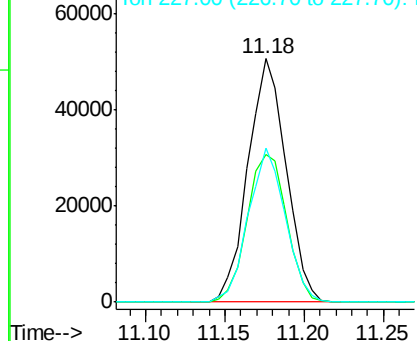


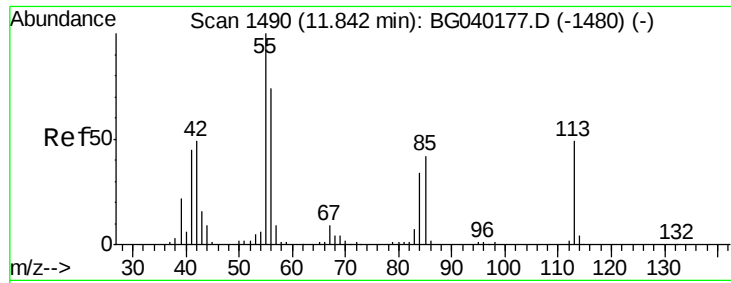
#34
Hexachlorobutadiene
Concen: 39.648 ng
RT: 11.18 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84576		
223	60.7	51.8	77.8	
227	63.1	54.9	82.3	



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: 42.760 ng m

RT: 11.80 min Scan# 1483

Delta R.T. -0.04 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

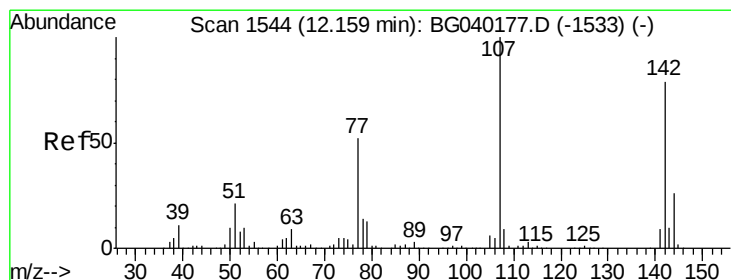
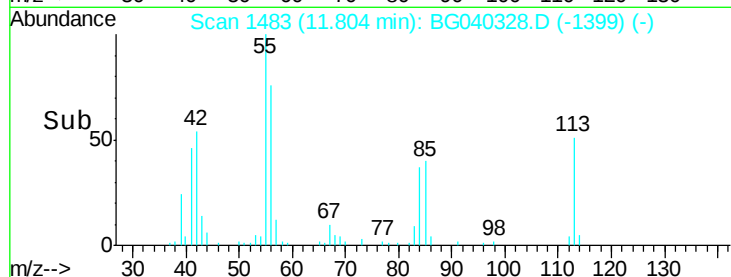
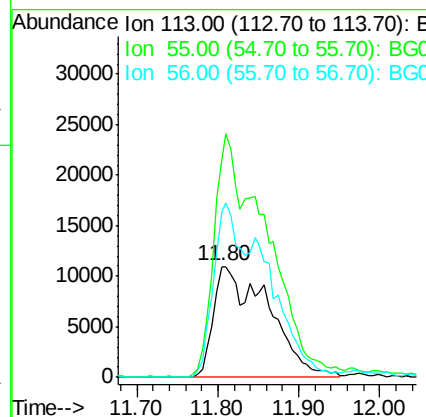
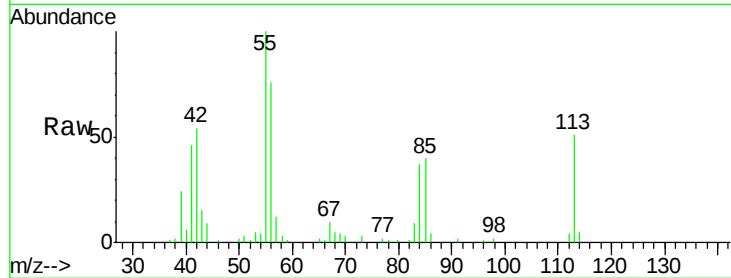
ClientSampleId :

PB118462BS

Tgt Ion:113 Resp: 51546
 Ion Ratio Lower Upper
 113 100
 55 196.8 184.2 224.2
 56 149.0 131.3 171.3

Manual Integrations
 APPROVED

sohil
 4/4/2019 4:46:29 AM



#36

4-Chloro-3-methylphenol

Concen: 44.404 ng

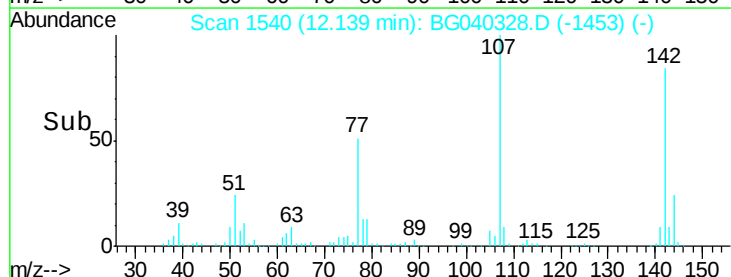
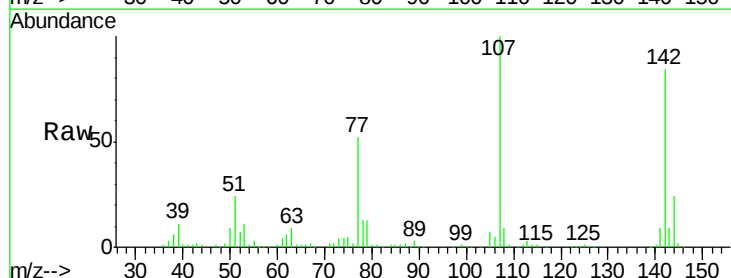
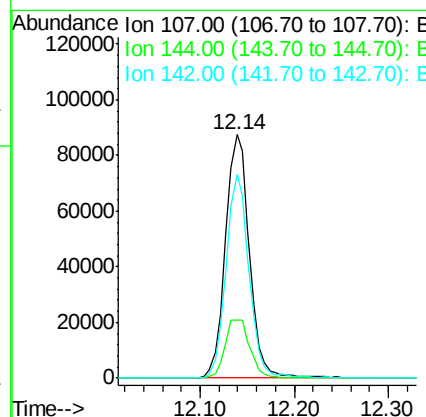
RT: 12.14 min Scan# 1540

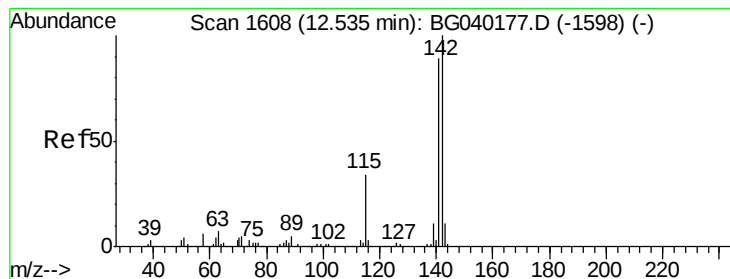
Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:107 Resp: 155064
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.5 30.7
 142 83.9 63.1 94.7





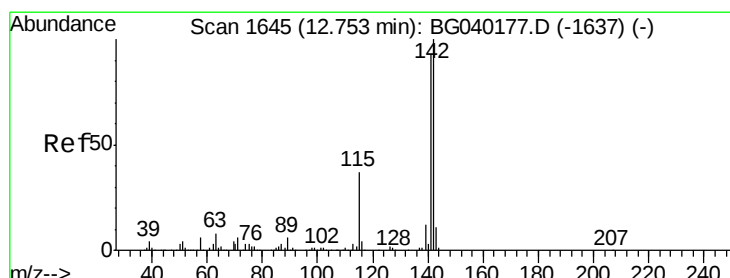
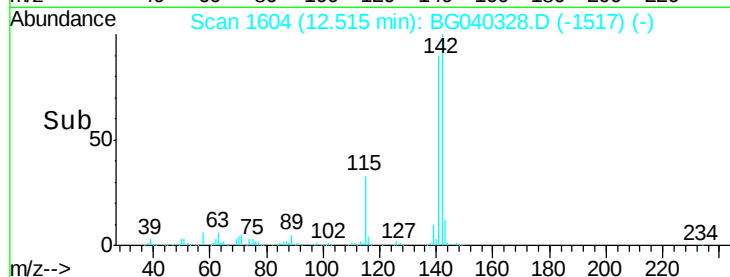
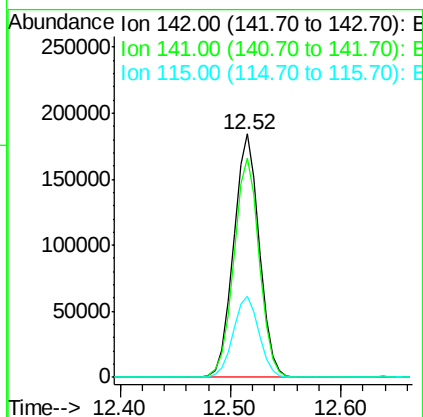
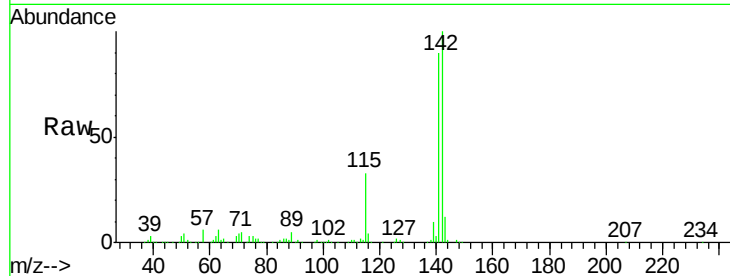
#37
 2-Methylnaphthalene
 Concen: 41.570 ng
 RT: 12.52 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB118462BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	33.5	27.3	40.9

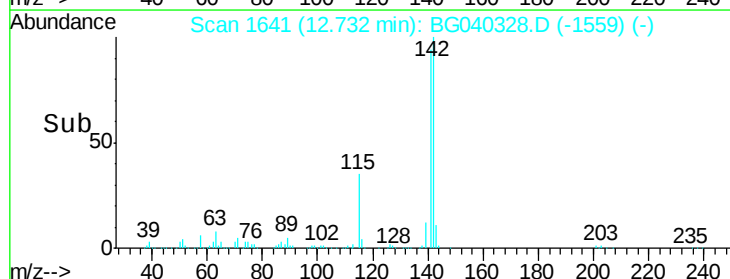
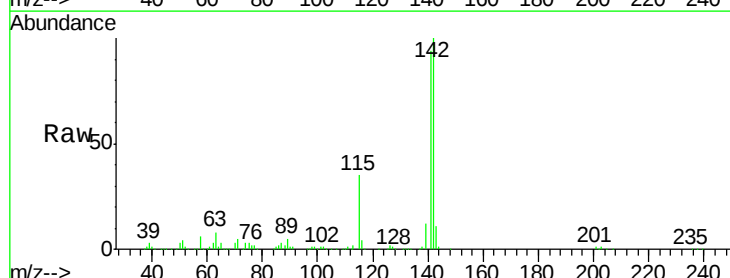
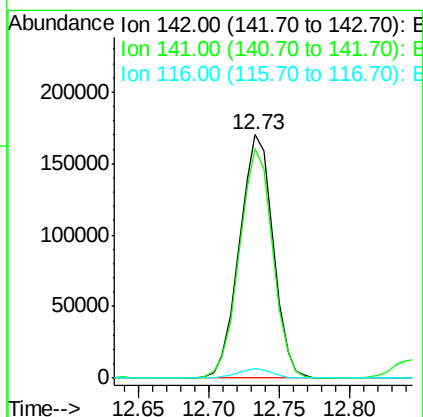
Manual Integrations
 APPROVED

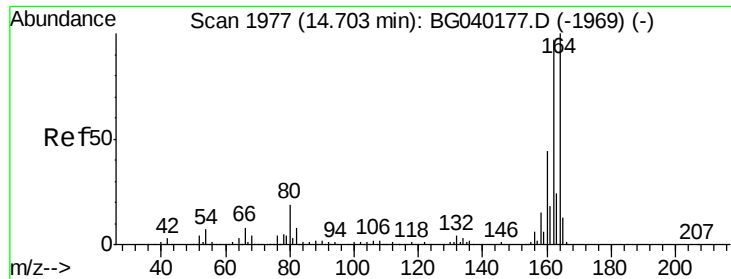
sohil
 4/4/2019 4:46:29 AM



#38
 1-Methylnaphthalene
 Concen: 40.502 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.2	111.4
116	4.0	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

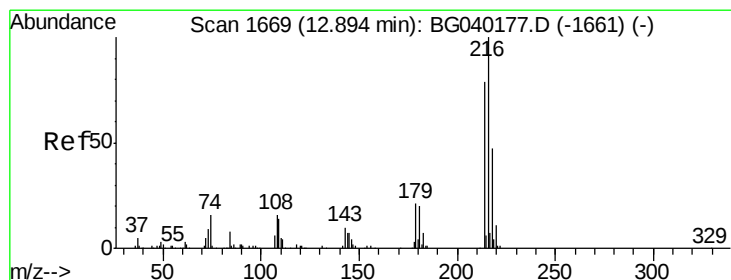
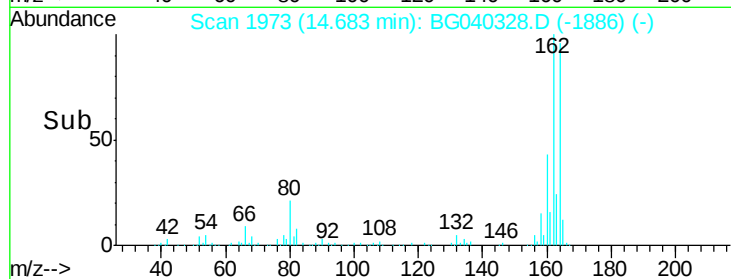
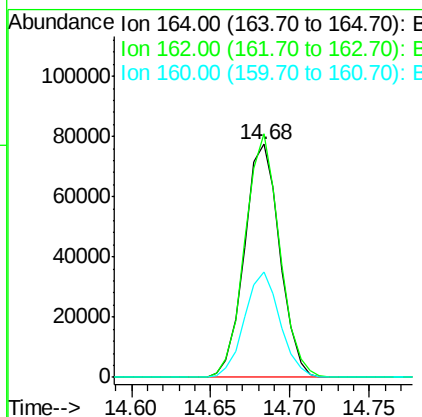
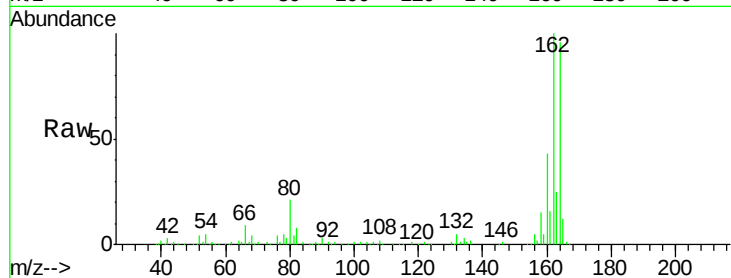
ClientSampled :

PB118462BS

Tgt Ion:	164	Resp:	119977
Ion Ratio	Lower	Upper	
164	100		
162	104.5	77.4	116.2
160	45.3	35.3	52.9

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.221 ng

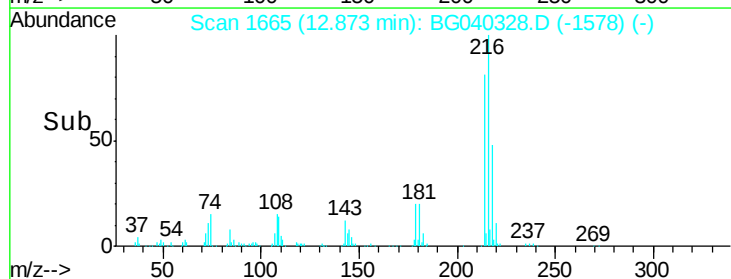
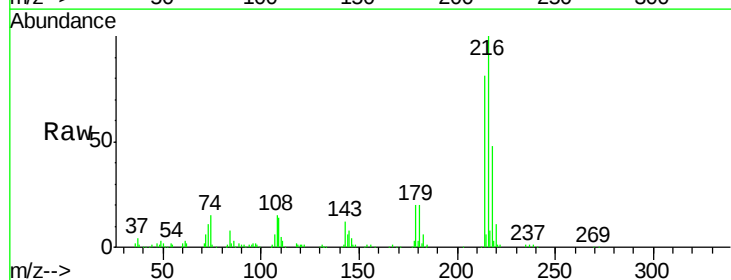
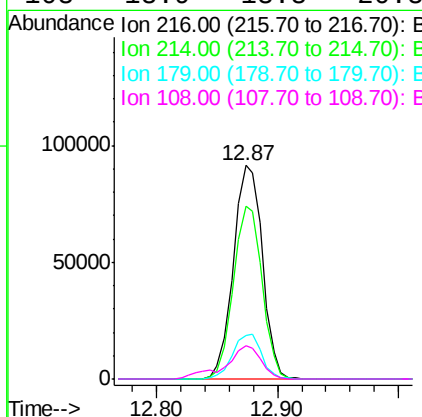
RT: 12.87 min Scan# 1665

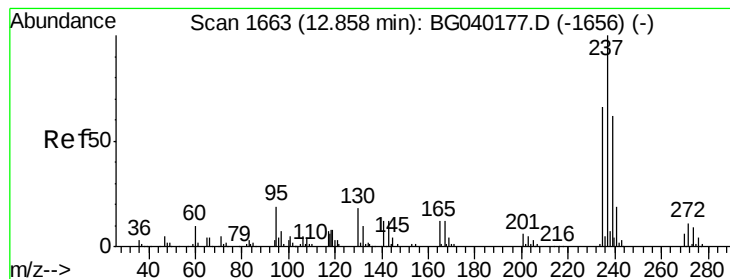
Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:	216	Resp:	153373
Ion Ratio	Lower	Upper	
216	100		
214	80.0	63.5	95.3
179	20.8	16.6	25.0
108	18.9	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 87.622 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

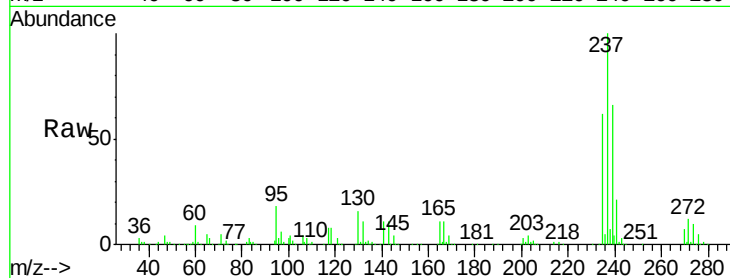
ClientSampleId :

PB118462BS

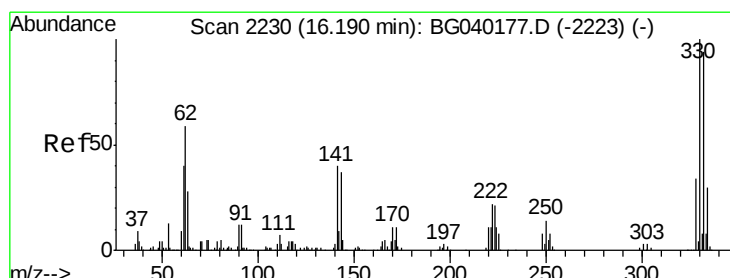
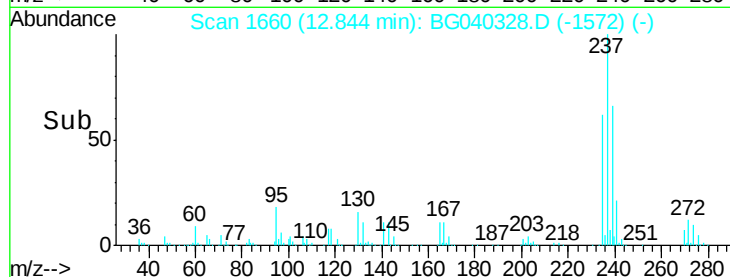
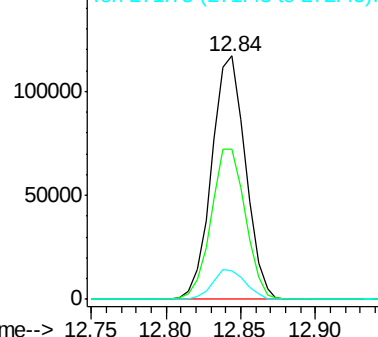
Tgt Ion:	237	Resp:	183461
Ion Ratio	Lower	Upper	
237	100		
235	61.8	46.2	86.2
272	11.6	0.0	30.5

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 161.572 ng

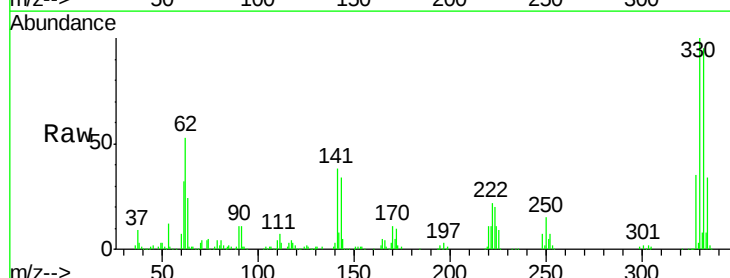
RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

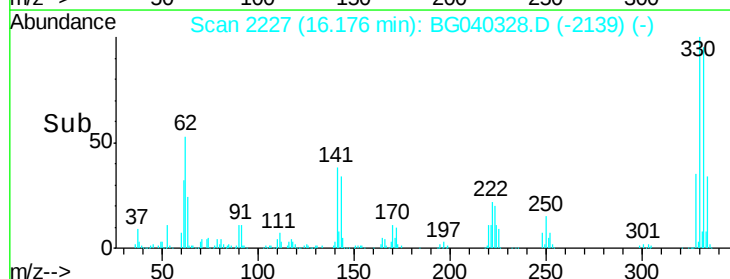
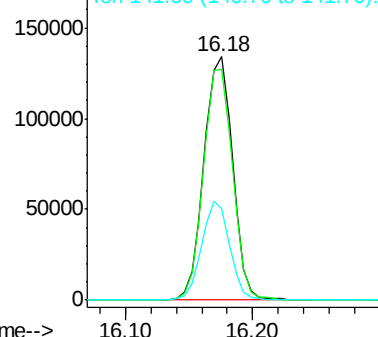
Lab File: BG040328.D

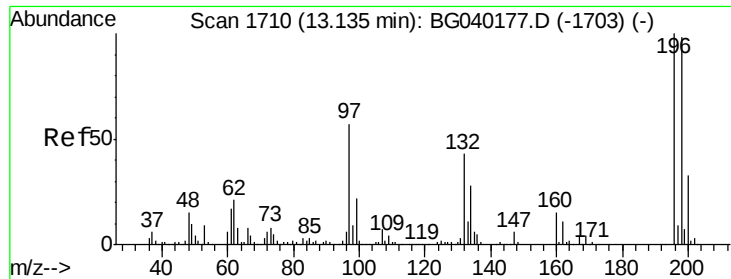
Acq: 3 Apr 2019 16:23

Tgt Ion:	330	Resp:	209501
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.6	115.0
141	39.4	32.6	48.8



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





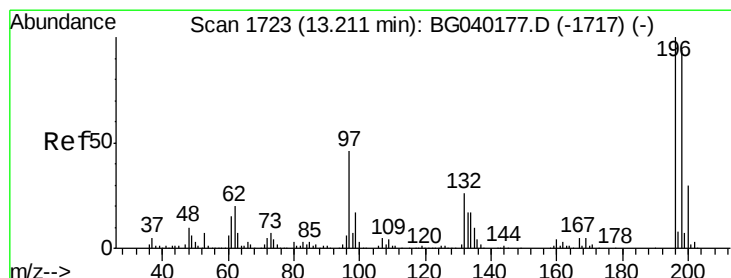
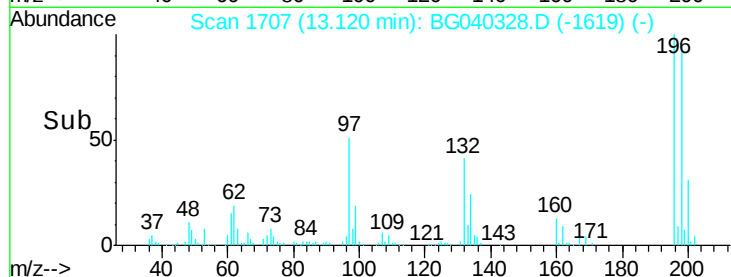
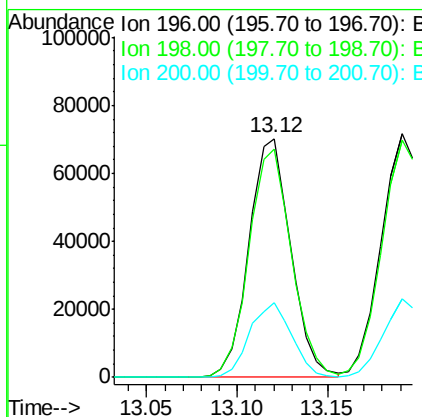
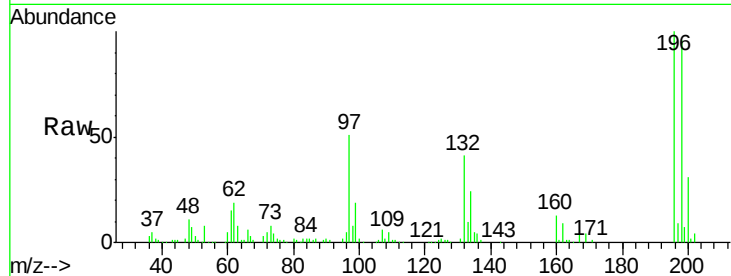
#43
 2,4,6-Trichlorophenol
 Concen: 45.800 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB118462BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	112601		
198	95.8	78.3	117.5	
200	31.1	26.0	39.0	

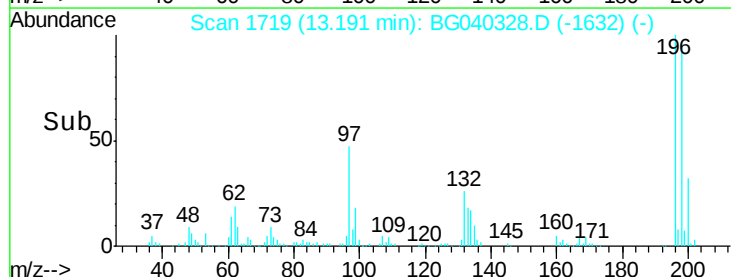
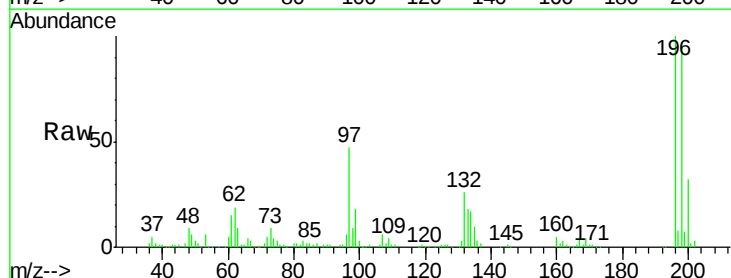
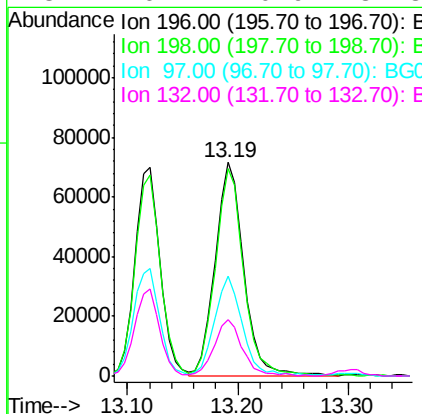
Manual Integrations
 APPROVED

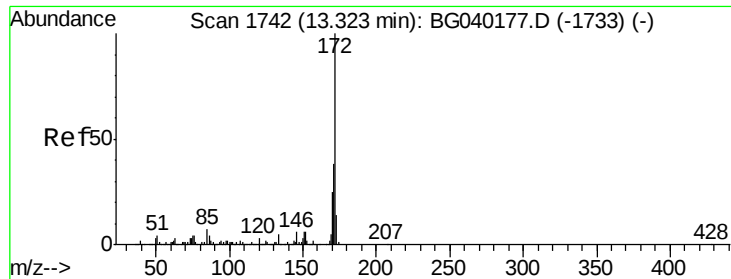
sohil
 4/4/2019 4:46:29 AM



#44
 2,4,5-Trichlorophenol
 Concen: 48.154 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	129042		
198	97.2	75.0	112.6	
97	46.7	37.3	55.9	
132	26.4	20.9	31.3	





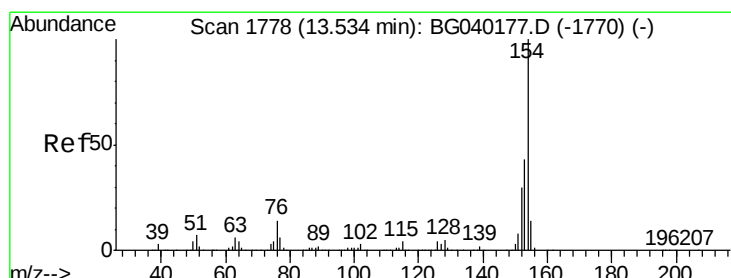
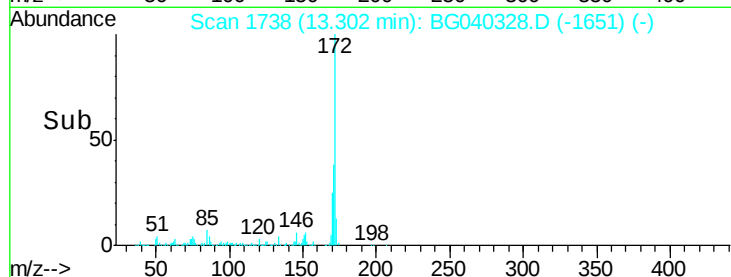
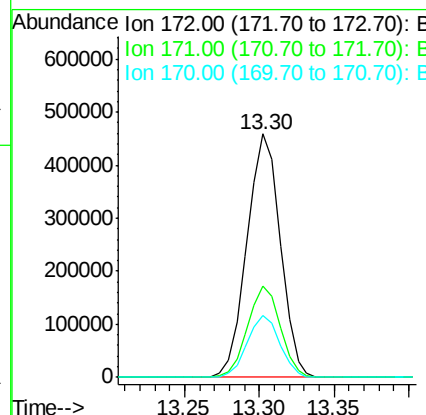
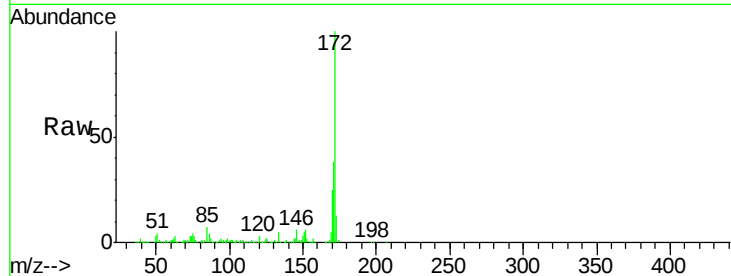
#45
2-Fluorobiphenyl
Concen: 87.245 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.5	45.7
170	25.4	20.1	30.1

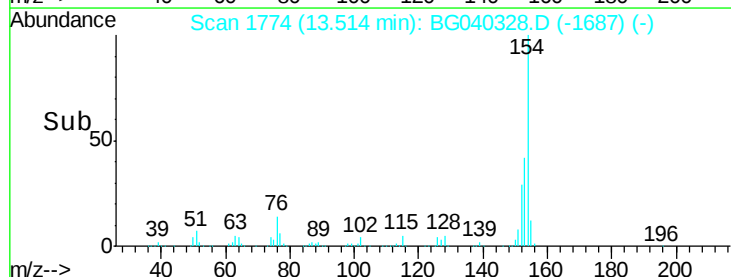
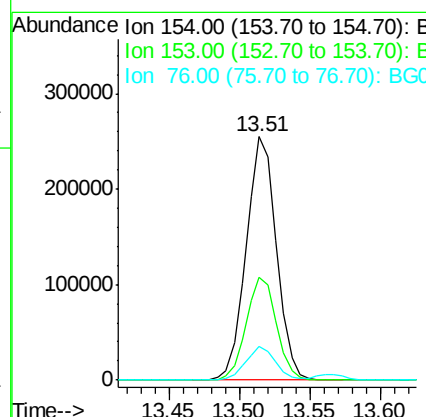
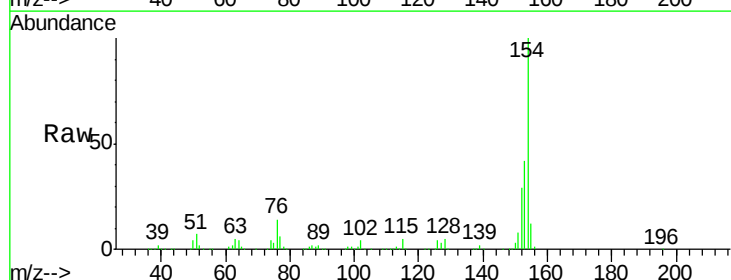
Manual Integrations
APPROVED

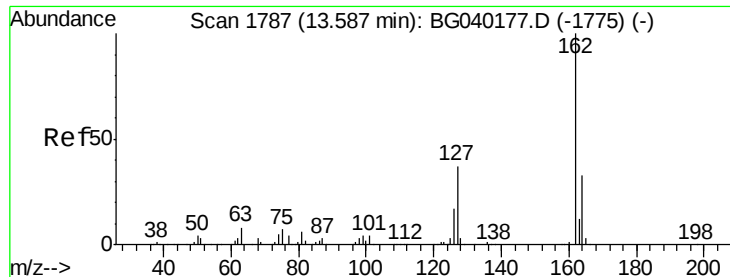
sohil
4/4/2019 4:46:29 AM



#46
1,1'-Biphenyl
Concen: 40.315 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.5	62.5
76	13.6	0.0	33.7





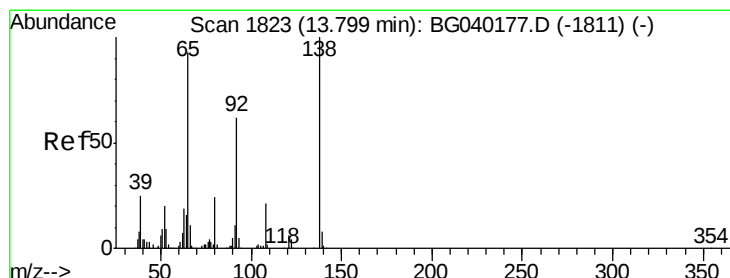
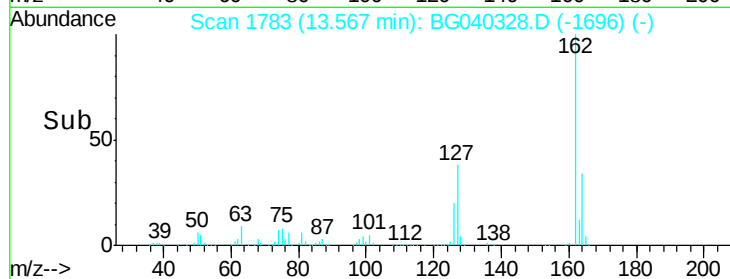
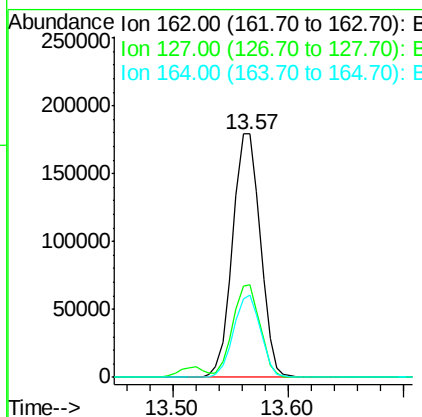
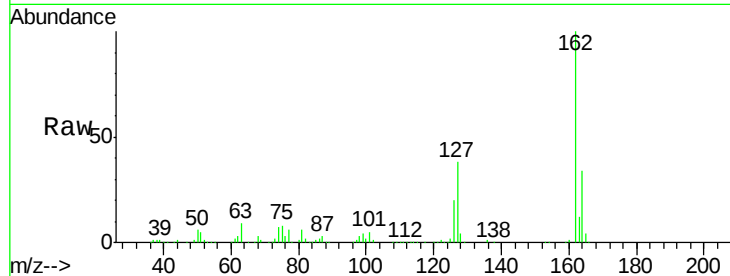
#47
2-Chloronaphthalene
Concen: 41.123 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	299028		
127	37.8	30.6	45.8	
164	34.0	26.2	39.4	

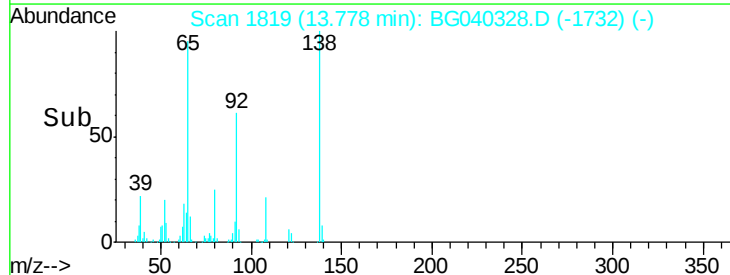
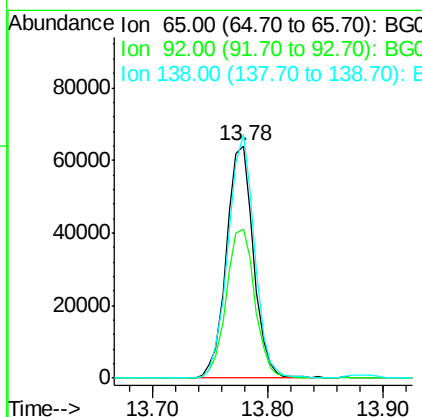
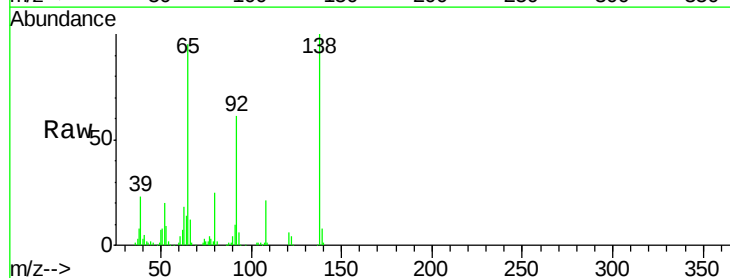
Manual Integrations
APPROVED

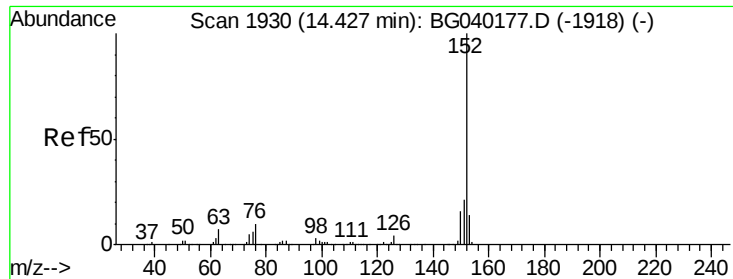
sohil
4/4/2019 4:46:29 AM



#48
2-Nitroaniline
Concen: 42.609 ng
RT: 13.78 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	104509		
92	64.2	53.8	80.6	
138	104.8	86.3	129.5	





#49

Acenaphthylene

Concen: 41.090 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

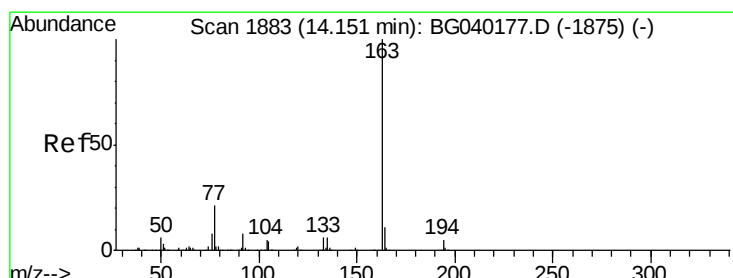
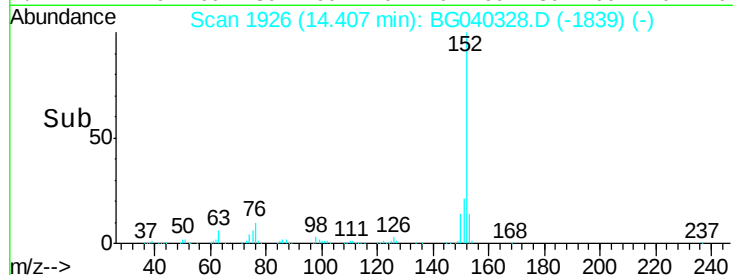
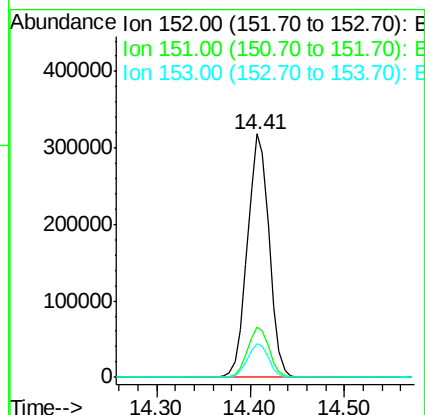
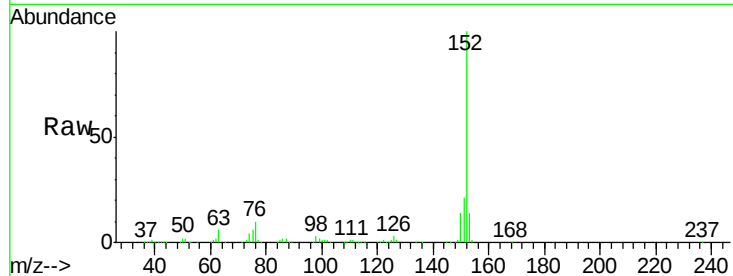
ClientSampleId :

PB118462BS

Tgt Ion:	152	Resp:	506589
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.0	25.6
153	13.6	10.8	16.2

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#50

Dimethylphthalate

Concen: 43.431 ng

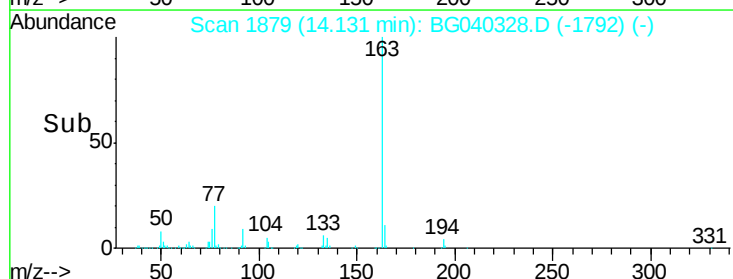
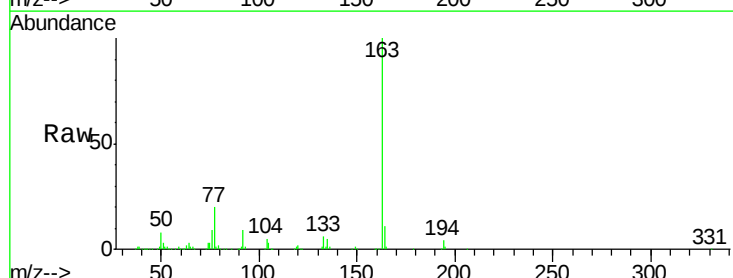
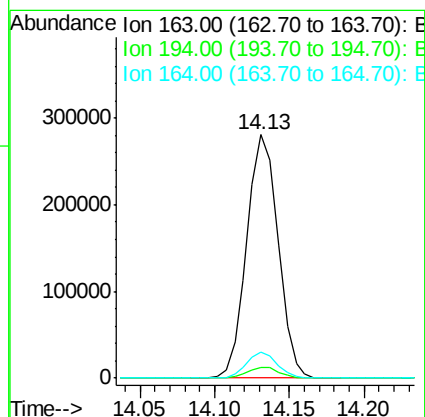
RT: 14.13 min Scan# 1879

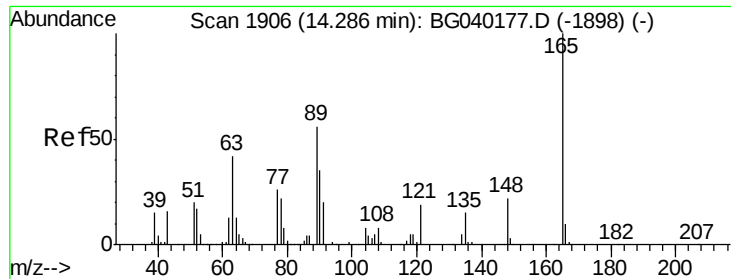
Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:	163	Resp:	407809
Ion Ratio	Lower	Upper	
163	100		
194	4.3	4.1	6.1
164	10.5	8.6	13.0





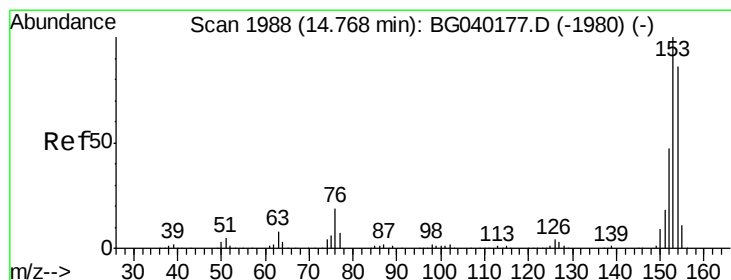
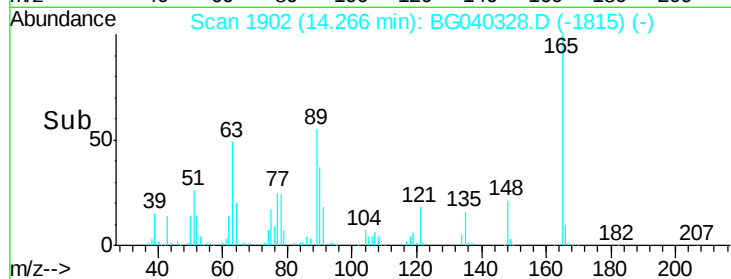
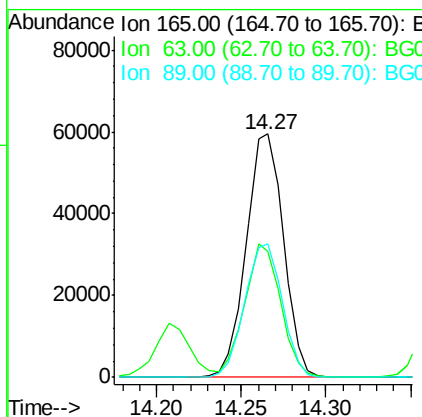
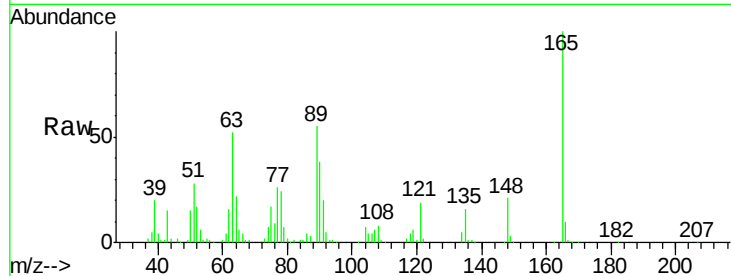
#51
 2,6-Dinitrotoluene
 Concen: 43.364 ng
 RT: 14.27 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB118462BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	91427		
63	51.9	44.1	66.1	
89	55.1	44.9	67.3	

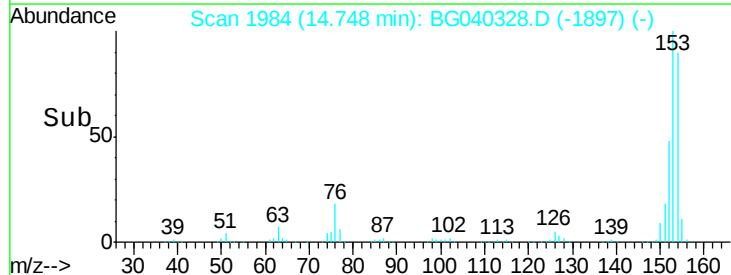
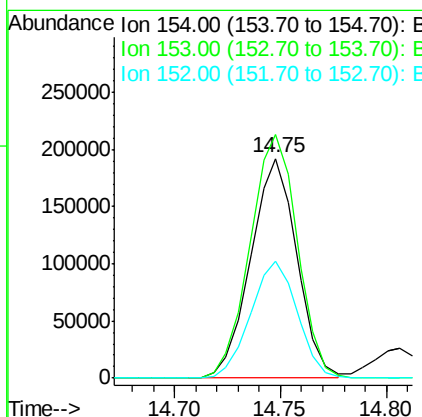
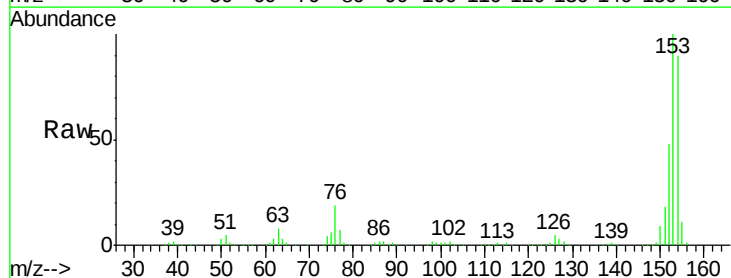
Manual Integrations
 APPROVED

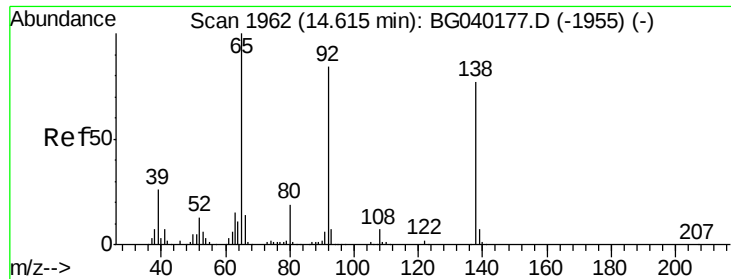
sohil
 4/4/2019 4:46:29 AM



#52
 Acenaphthene
 Concen: 41.276 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	291597		
153	110.9	92.8	139.2	
152	53.2	43.4	65.2	





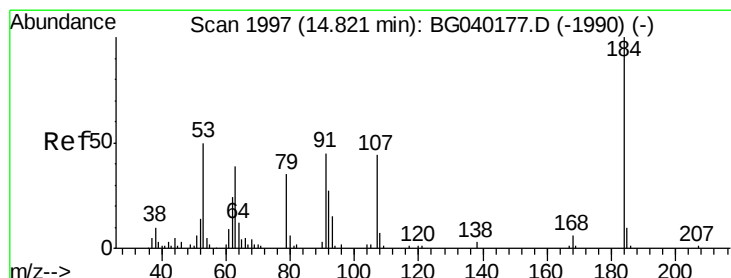
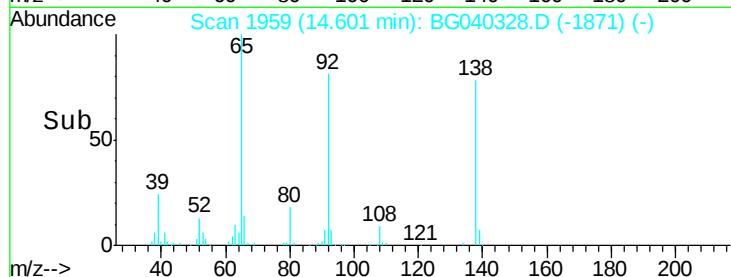
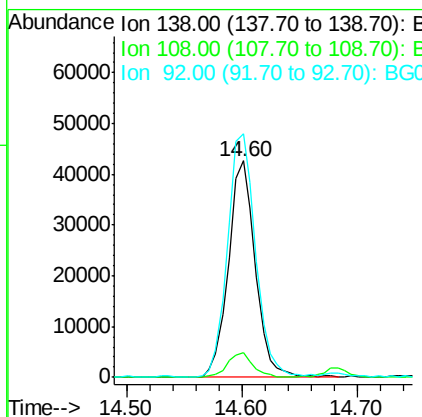
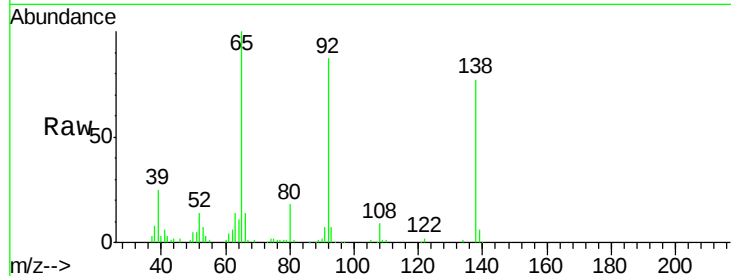
#53
3-Nitroaniline
Concen: 30.837 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

Tgt Ion:138 Resp: 68822
Ion Ratio Lower Upper
138 100
108 11.3 7.8 11.8
92 112.4 87.5 131.3

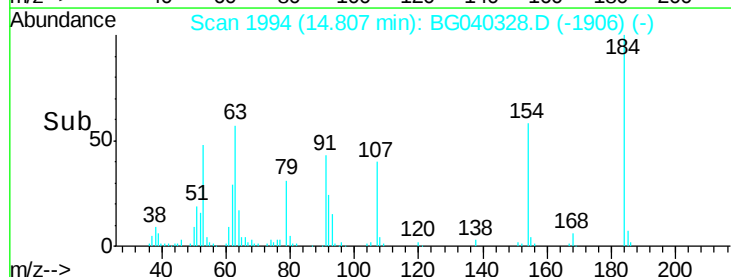
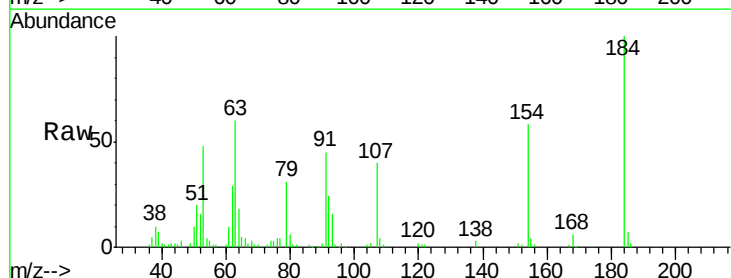
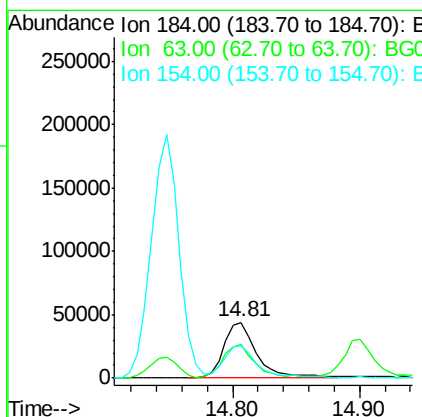
Manual Integrations
APPROVED

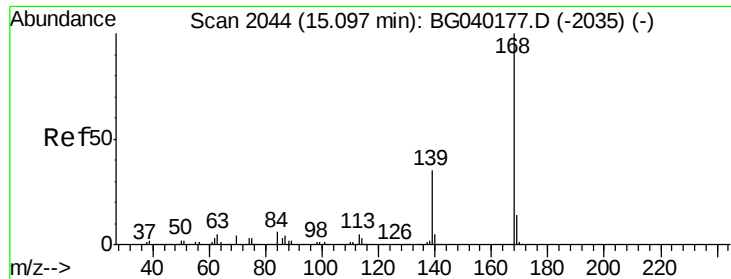
sohil
4/4/2019 4:46:29 AM



#54
2,4-Dinitrophenol
Concen: 70.760 ng
RT: 14.81 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion:184 Resp: 79341
Ion Ratio Lower Upper
184 100
63 59.8 51.8 77.8
154 58.3 50.9 76.3





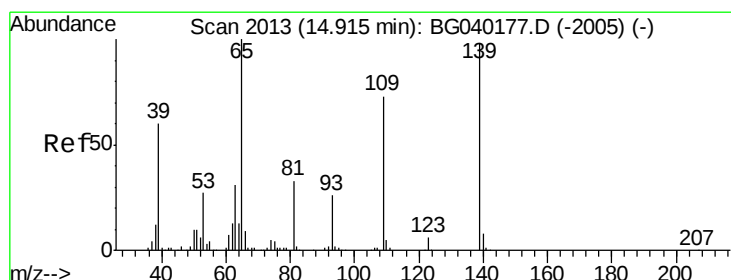
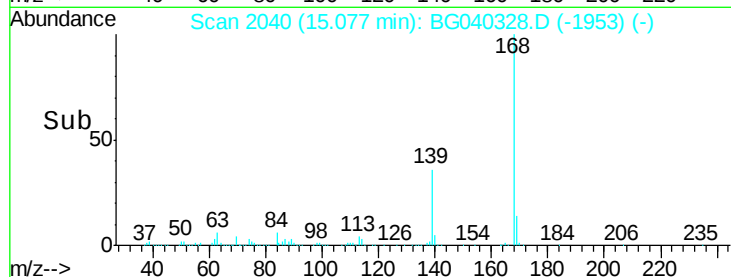
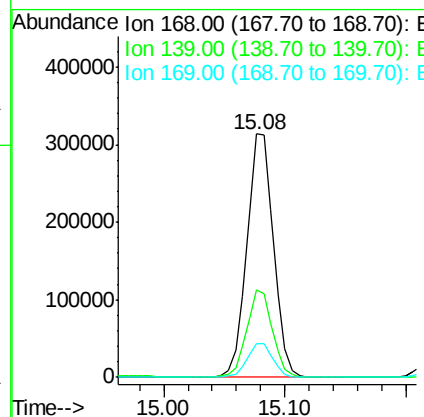
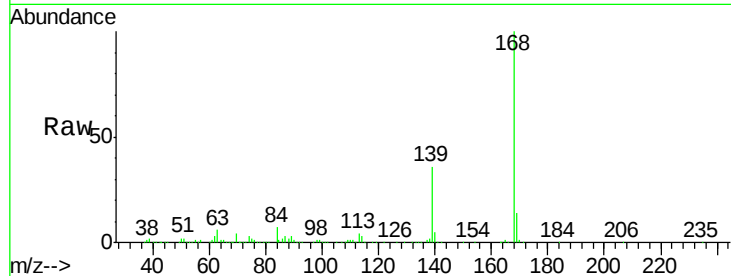
#55
Dibenzenofuran
Concen: 42.450 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	481888		
139	36.1	27.9	41.9	
169	13.8	11.3	16.9	

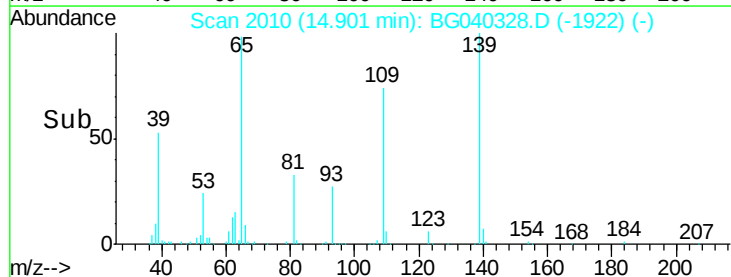
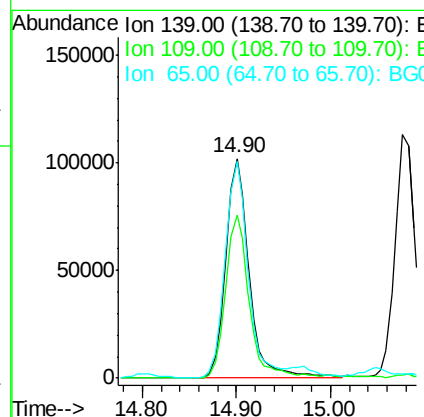
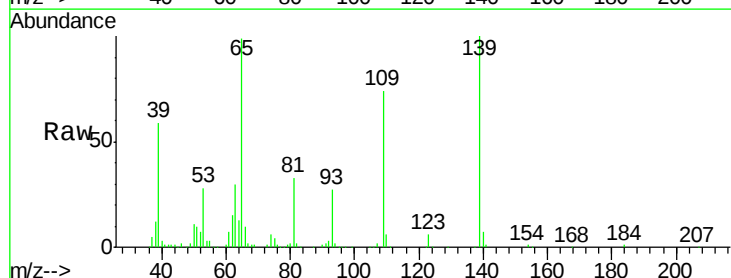
Manual Integrations
APPROVED

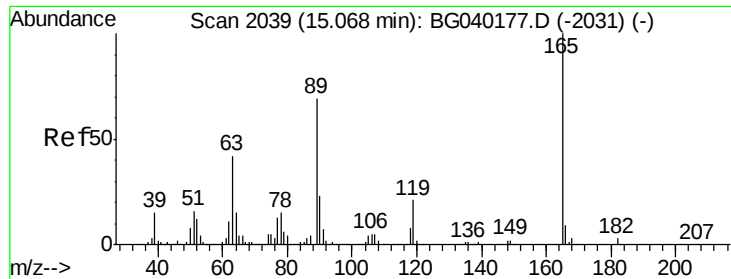
sohil
4/4/2019 4:46:29 AM



#56
4-Nitrophenol
Concen: 98.870 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	178088		
109	74.1	54.3	94.3	
65	98.6	82.5	122.5	





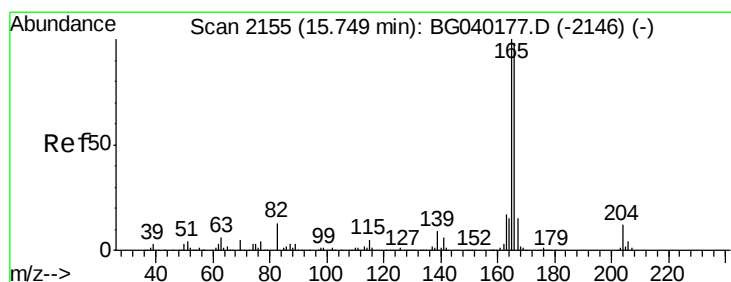
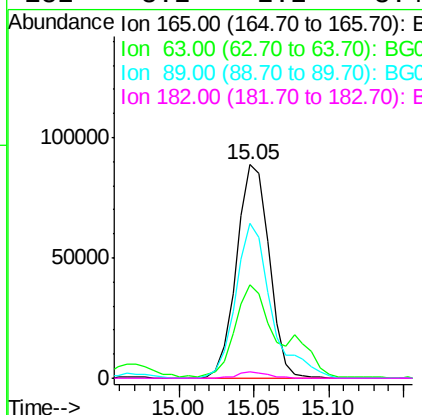
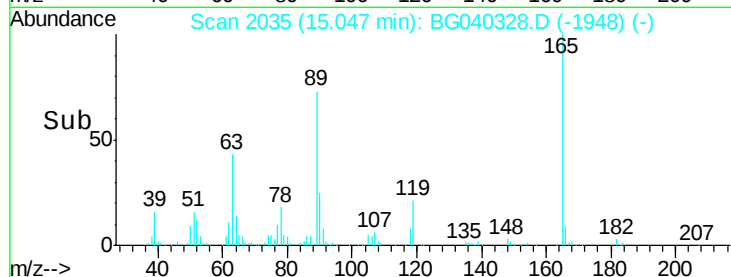
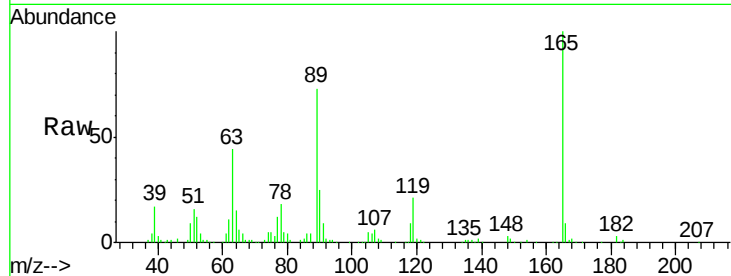
#57
2,4-Dinitrotoluene
Concen: 46.065 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	134951		
63	43.5	33.8	50.6	
89	72.6	55.4	83.2	
182	3.2	2.2	3.4	

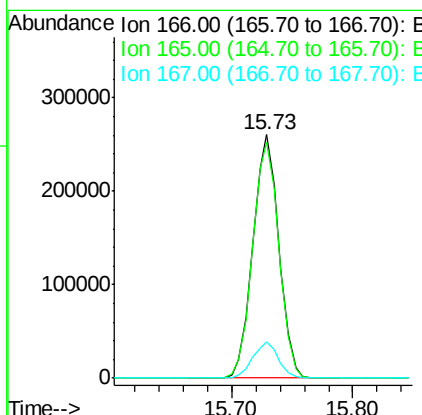
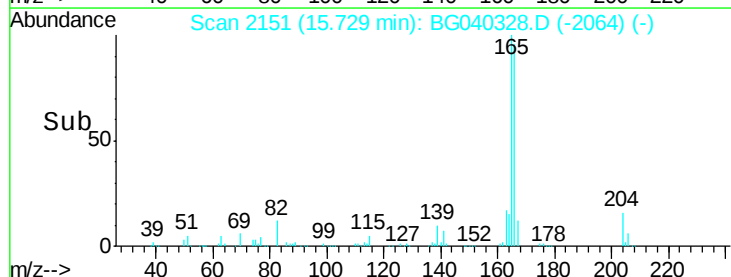
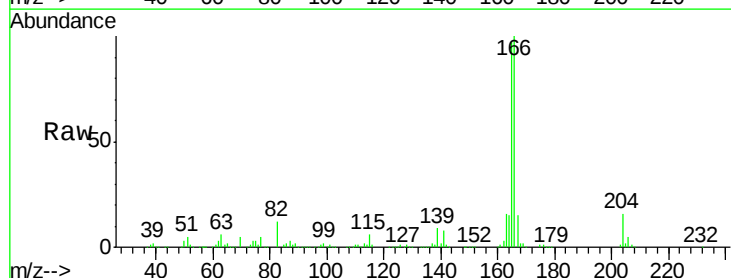
Manual Integrations
APPROVED

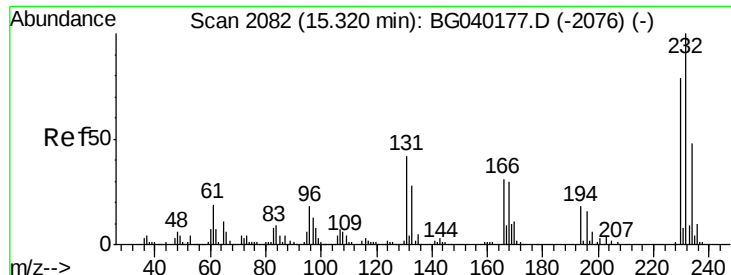
sohil
4/4/2019 4:46:29 AM



#58
Fluorene
Concen: 43.464 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	387914		
165	96.9	81.7	122.5	
167	14.8	11.9	17.9	





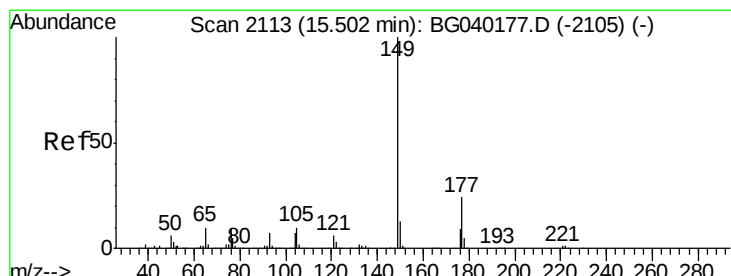
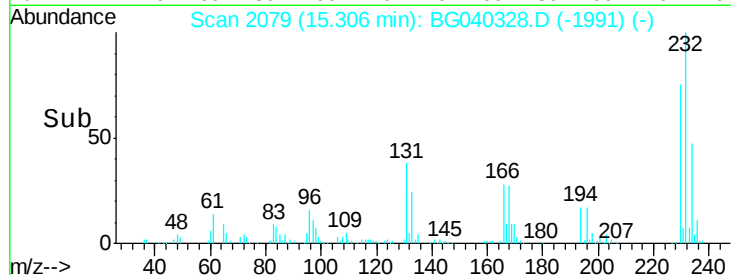
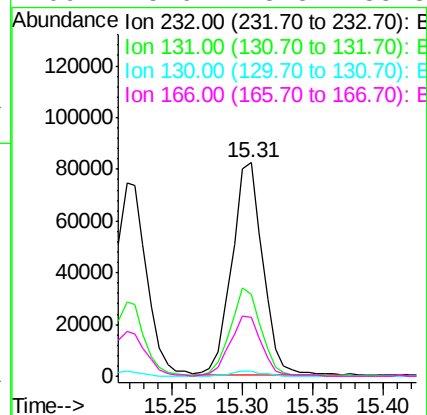
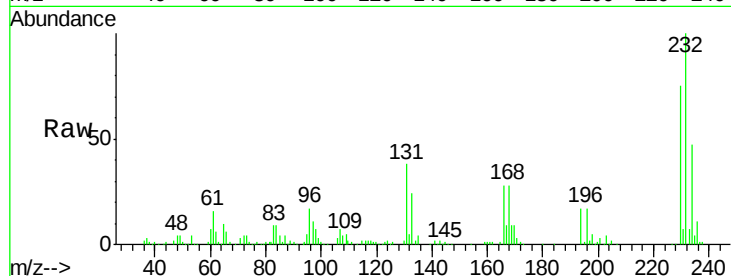
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.708 ng
 RT: 15.31 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB118462BS

Tgt Ion:	232	Resp:	125740
Ion Ratio	Lower	Upper	
232	100		
131	41.8	32.9	49.3
130	2.4	1.8	2.8
166	28.6	23.5	35.3

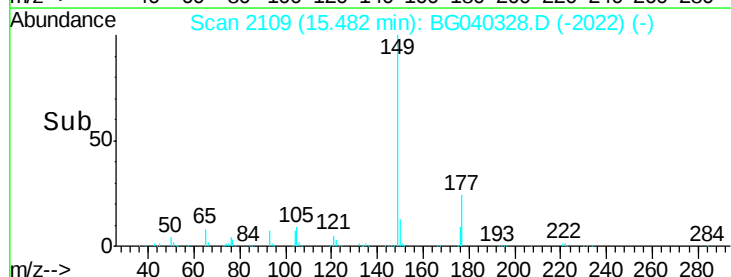
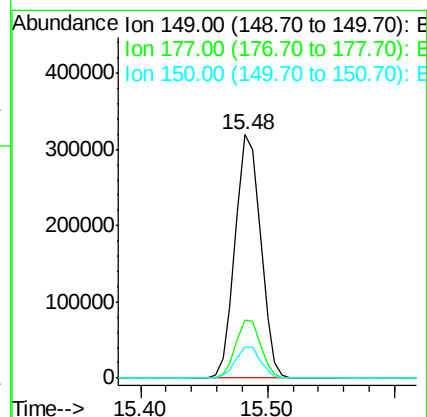
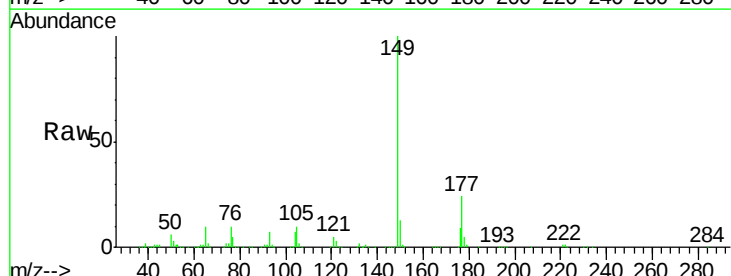
Manual Integrations
 APPROVED

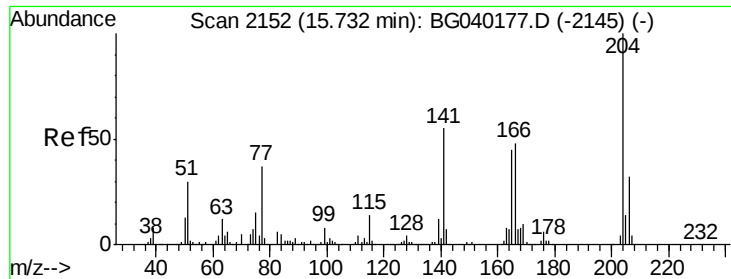
sohil
 4/4/2019 4:46:29 AM



#60
 Diethylphthalate
 Concen: 46.143 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion:	149	Resp:	443371
Ion Ratio	Lower	Upper	
149	100		
177	24.0	19.1	28.7
150	12.6	10.6	15.8





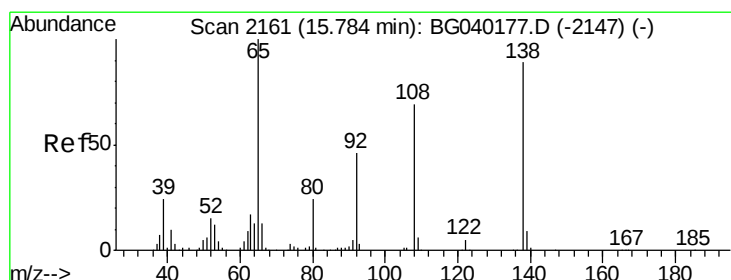
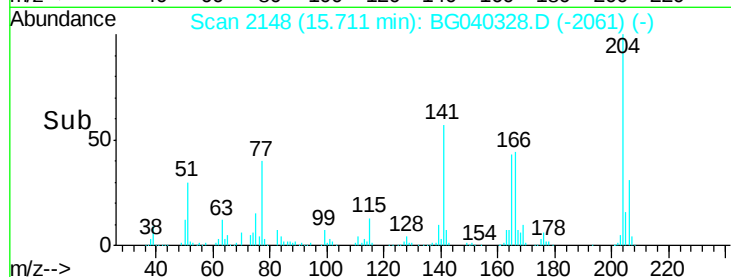
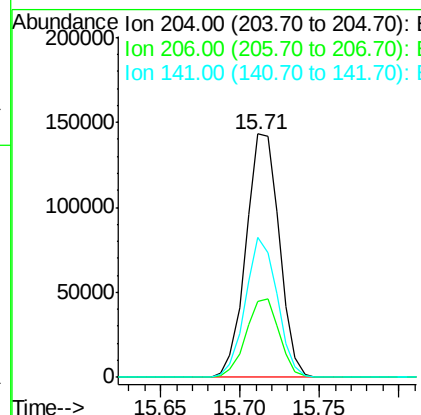
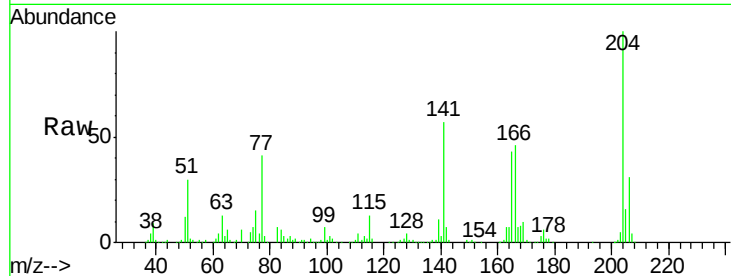
#61
 4-Chlorophenyl-phenylether
 Concen: 43.634 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB118462BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	208163		
206	31.4	25.7	38.5	
141	57.2	44.0	66.0	

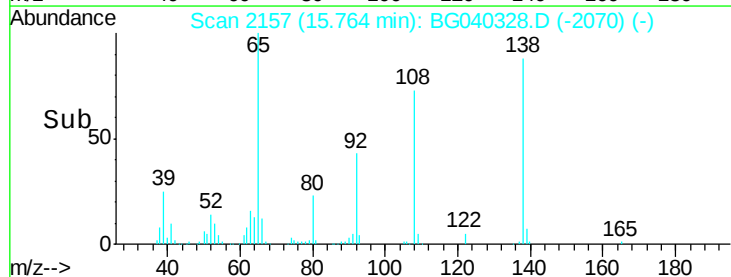
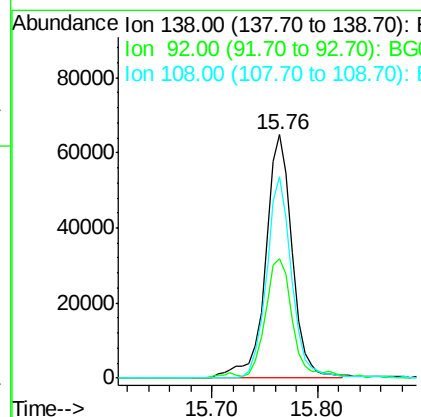
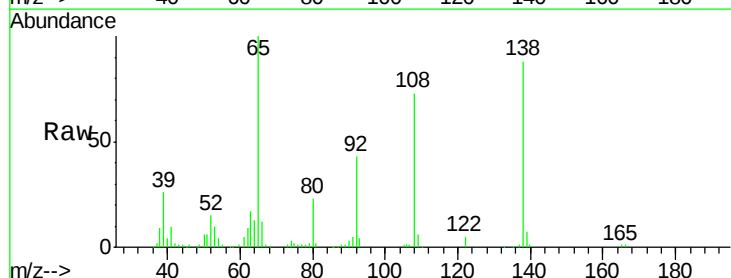
Manual Integrations
 APPROVED

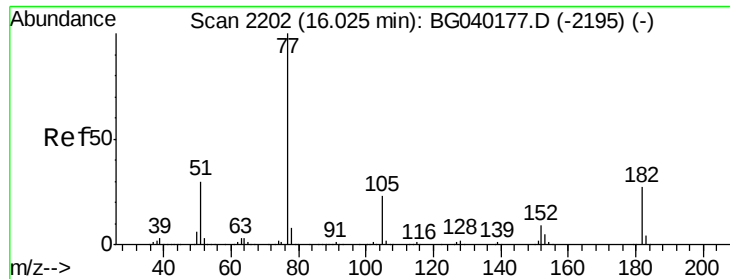
sohil
 4/4/2019 4:46:29 AM



#62
 4-Nitroaniline
 Concen: 47.595 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	113994		
92	48.9	31.8	71.8	
108	82.9	57.2	97.2	





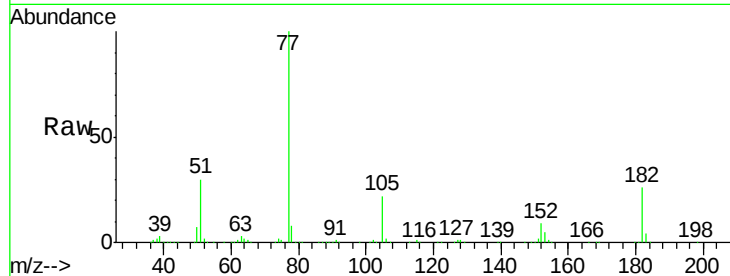
#63
Azobenzene
Concen: 42.532 ng
RT: 16.01 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

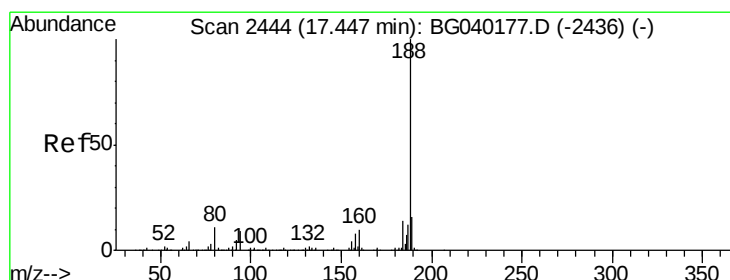
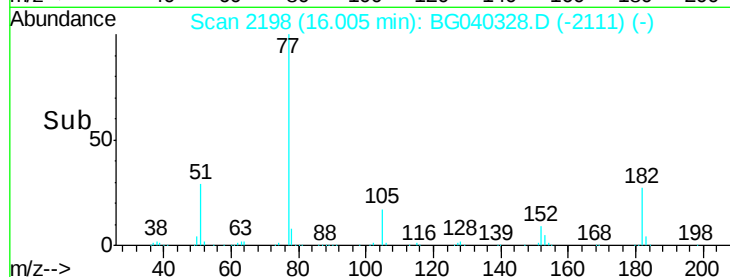
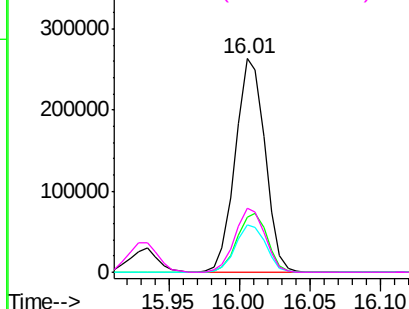
Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	7.2	47.2
105	22.1	2.8	42.8
51	30.1	10.4	50.4

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



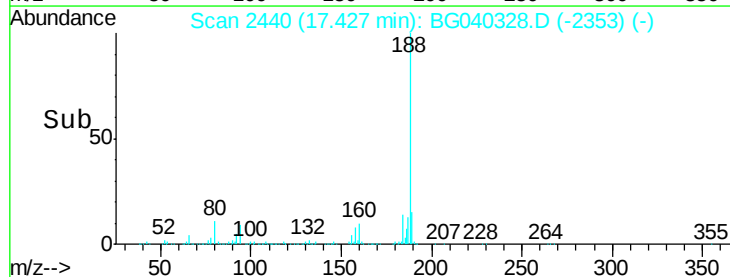
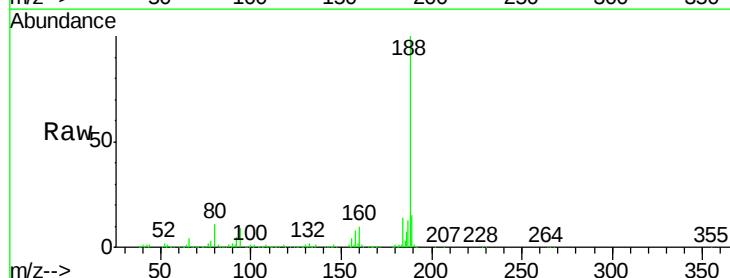
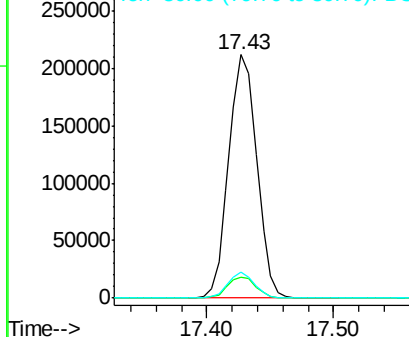
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

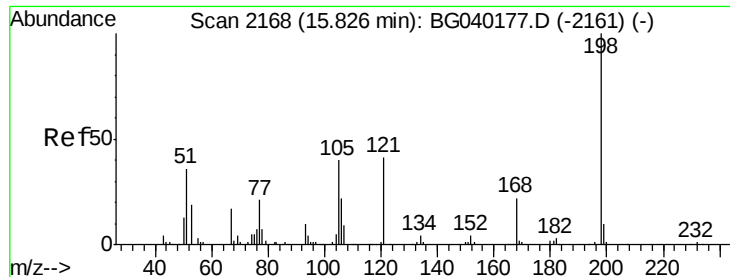


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.4
80	10.6	8.6	13.0

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.944 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

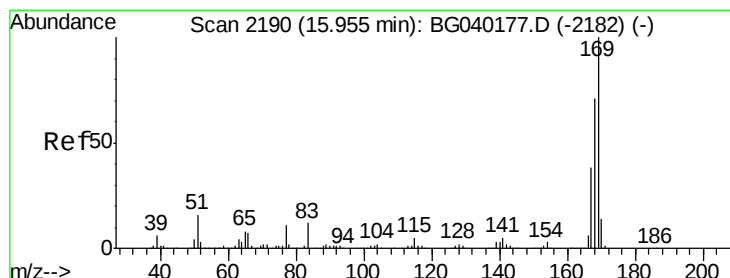
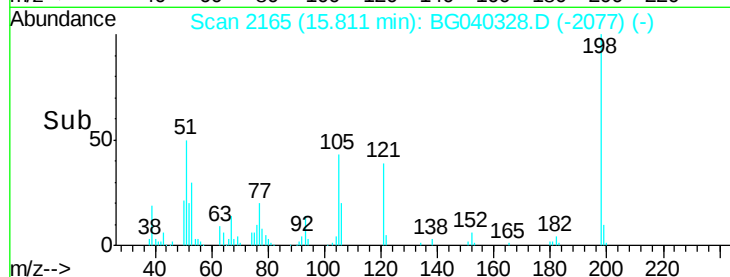
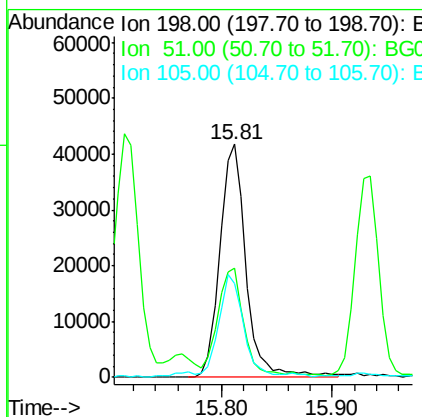
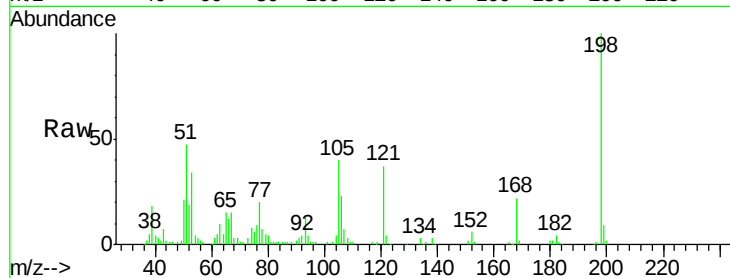
ClientSampleId :

PB118462BS

Tgt Ion:	198	Resp:	69150
Ion Ratio	Lower	Upper	
198	100		
51	47.0	27.3	67.3
105	40.4	21.7	61.7

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#66

n-Nitrosodiphenylamine

Concen: 39.290 ng

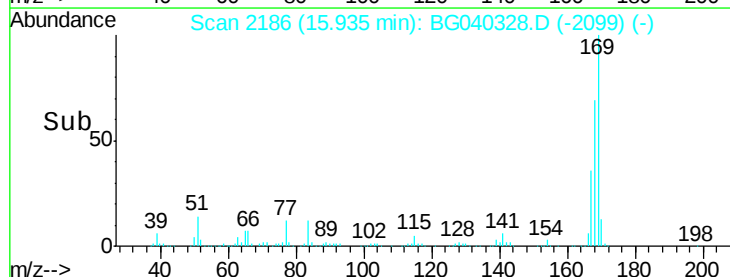
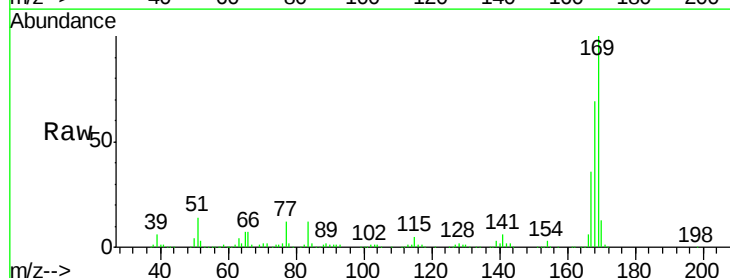
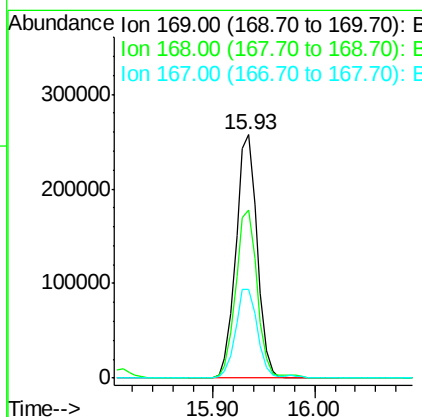
RT: 15.93 min Scan# 2186

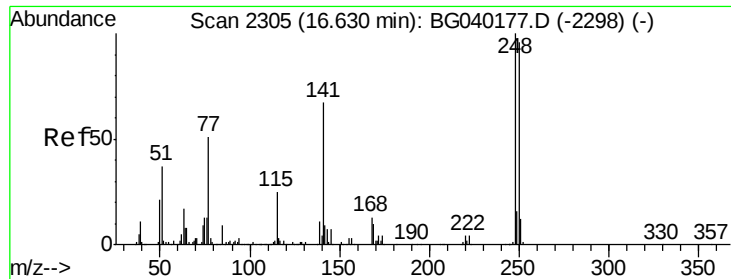
Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:	169	Resp:	372947
Ion Ratio	Lower	Upper	
169	100		
168	69.0	56.8	85.2
167	36.3	30.2	45.4





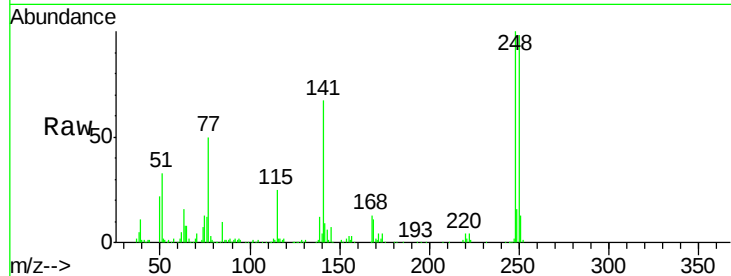
#67
4-Bromophenyl-phenylether
Concen: 37.648 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

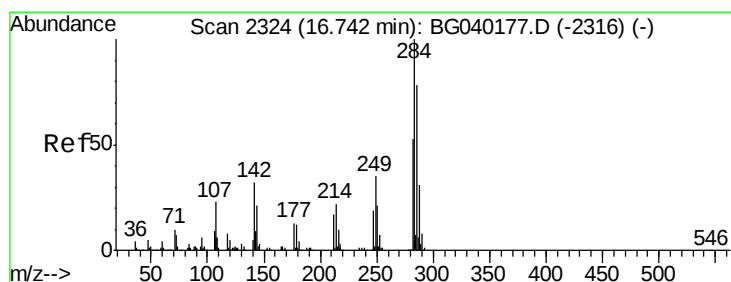
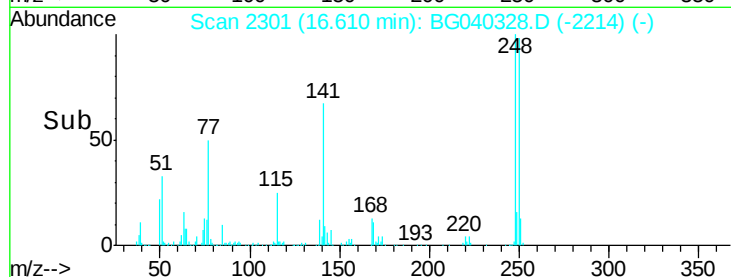
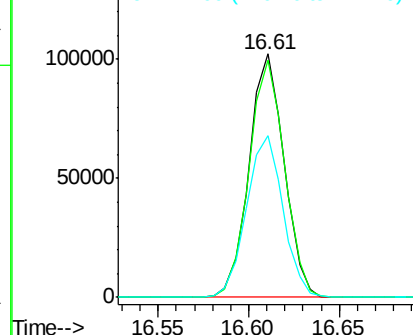
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.4	114.6
141	66.6	53.8	80.8

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



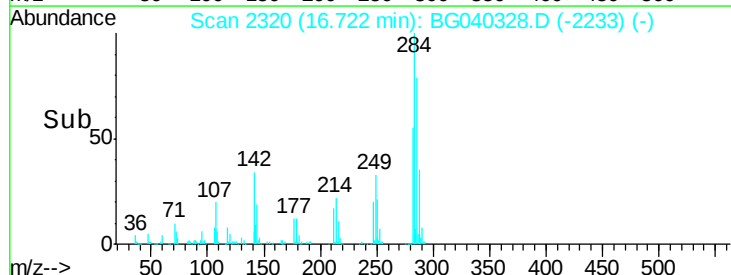
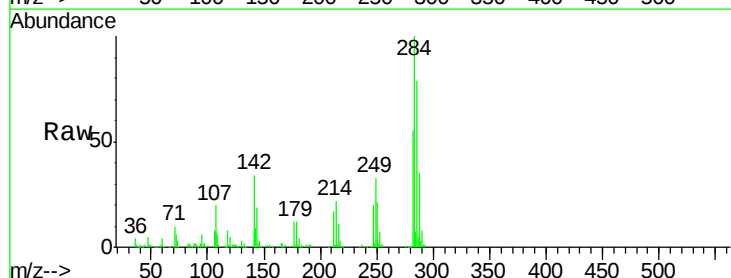
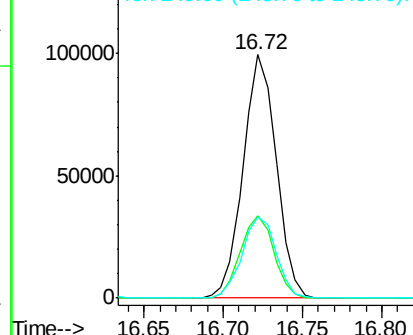
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

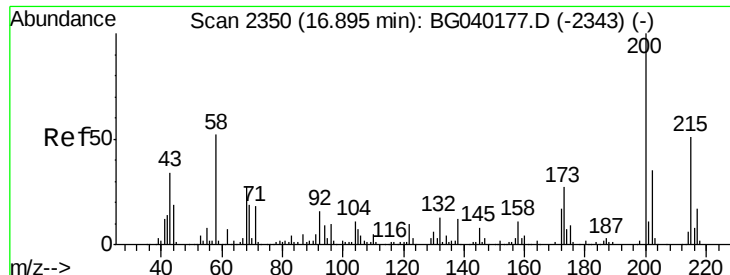


#68
Hexachlorobenzene
Concen: 39.372 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	25.3	37.9
249	33.2	28.2	42.2

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





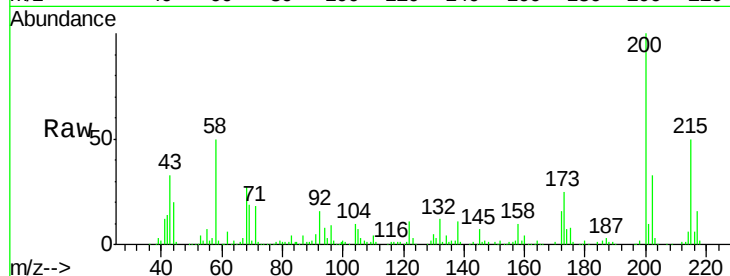
#69
 Atrazine
 Concen: 40.425 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB118462BS

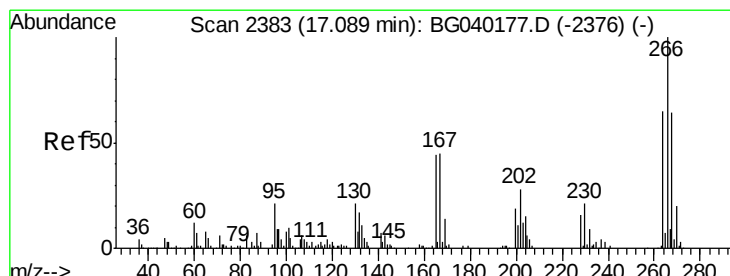
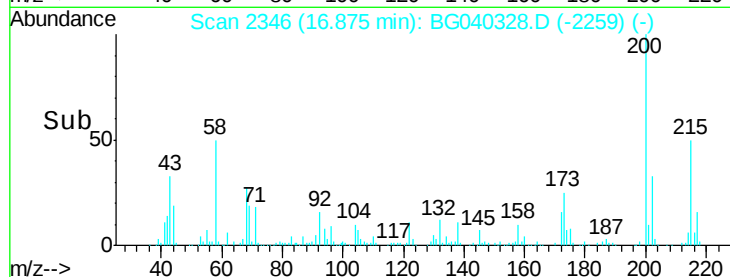
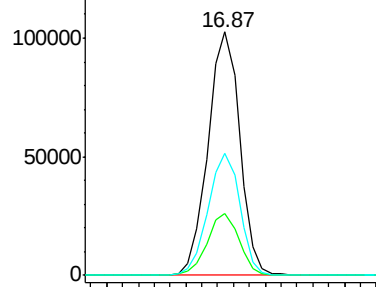
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.2	7.1	47.1
215	50.1	30.9	70.9

Manual Integrations
 APPROVED

sohil
 4/4/2019 4:46:29 AM

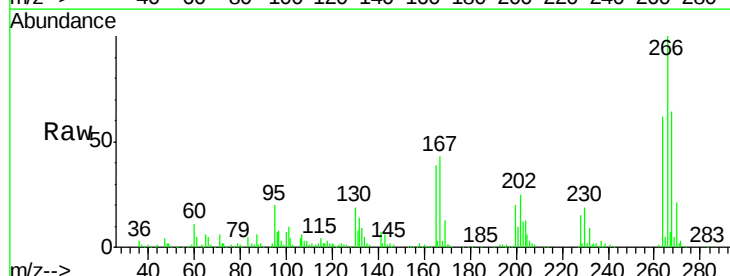


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

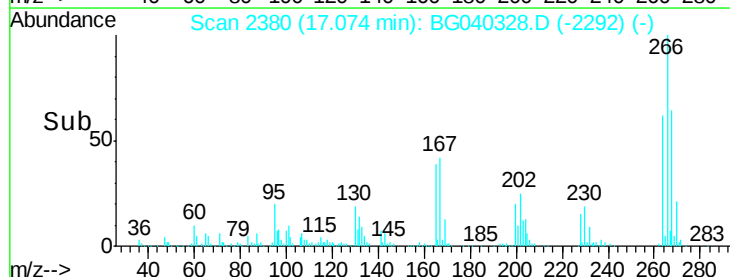
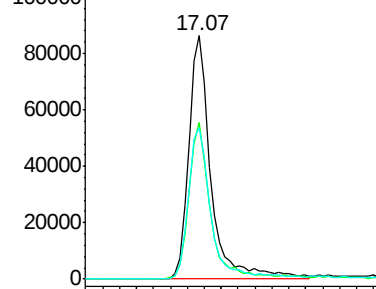


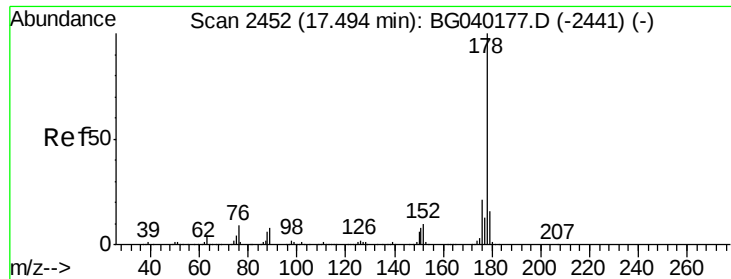
#70
 Pentachlorophenol
 Concen: 75.251 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.01 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.4	55.0	82.4
264	62.0	51.8	77.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.657 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

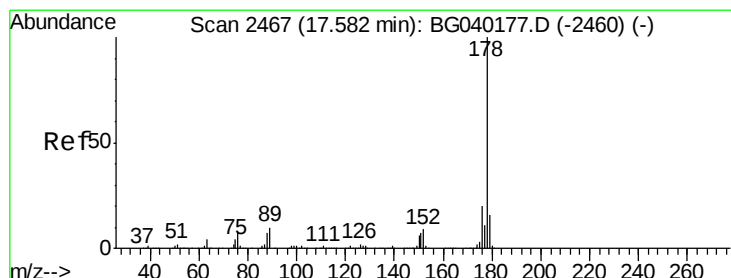
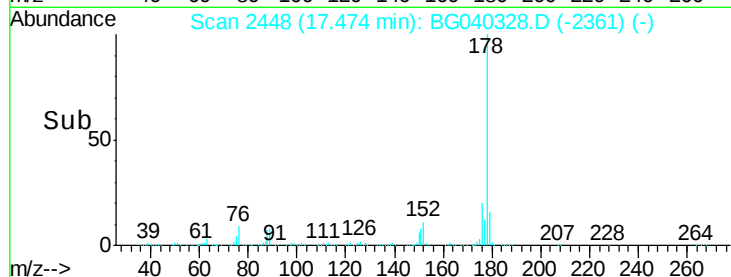
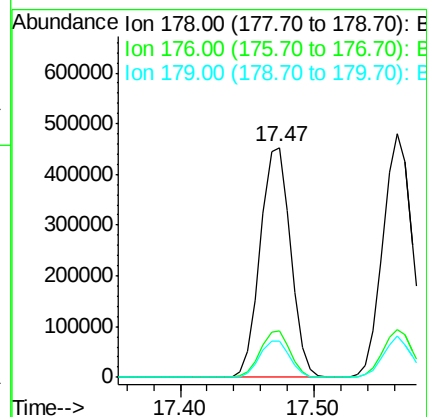
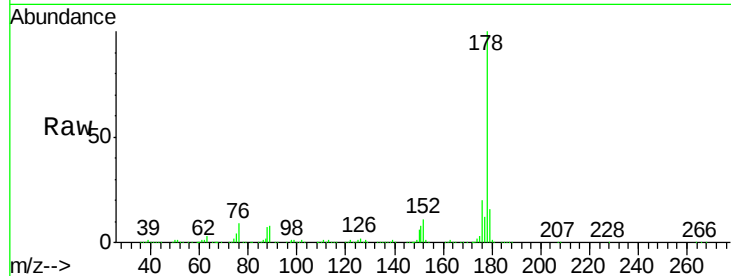
ClientSampleId :

PB118462BS

Tgt Ion:	178	Resp:	710246
Ion Ratio	Lower	Upper	
178	100		
176	20.3	16.7	25.1
179	15.9	12.8	19.2

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#72

Anthracene

Concen: 42.421 ng

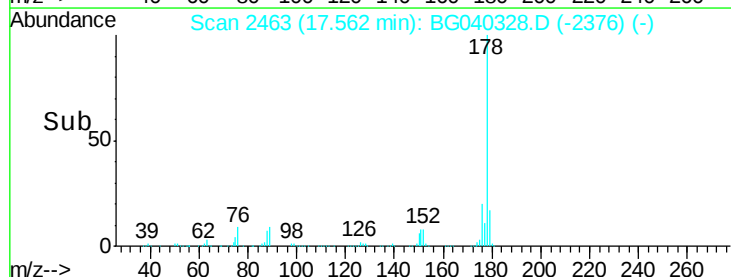
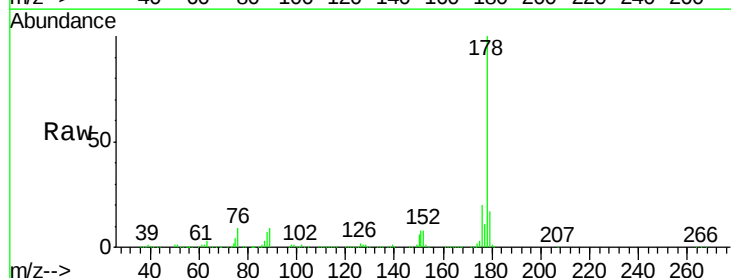
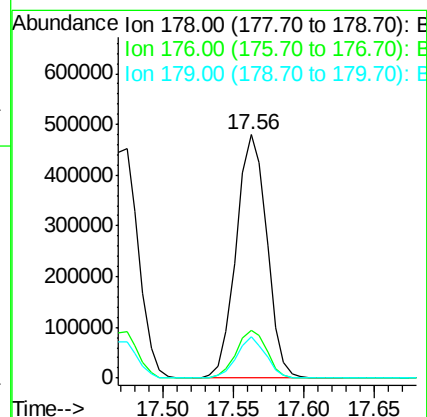
RT: 17.56 min Scan# 2463

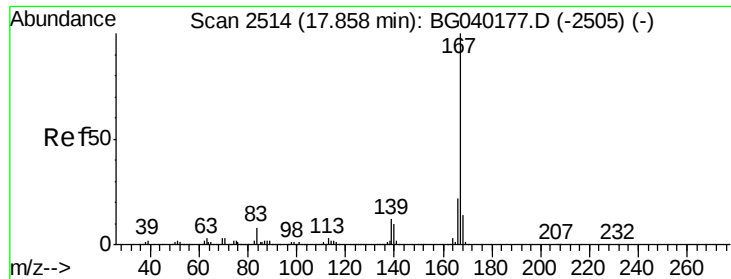
Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:	178	Resp:	723938
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.9	23.9
179	16.7	12.9	19.3





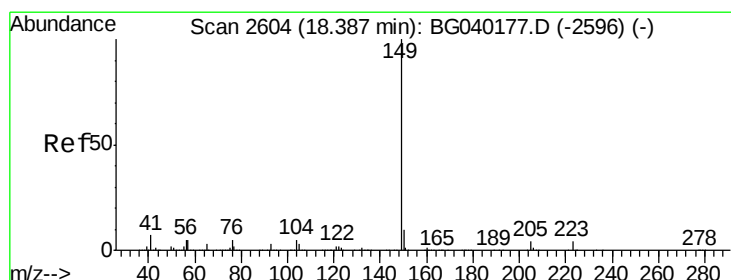
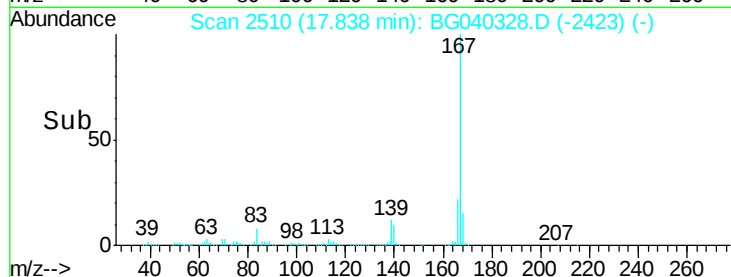
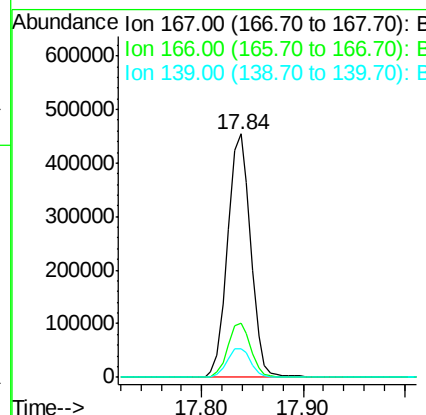
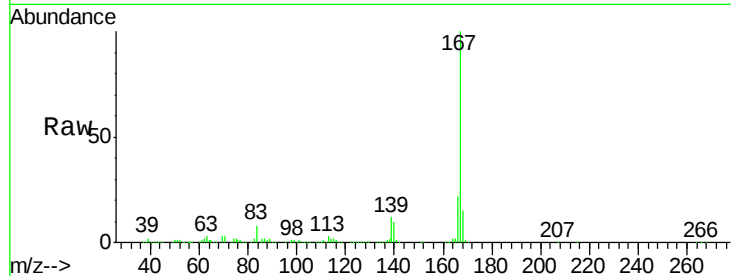
#73
 Carbazole
 Concen: 44.565 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB118462BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	719758		
166	22.4	17.5	26.3	
139	11.9	10.0	15.0	

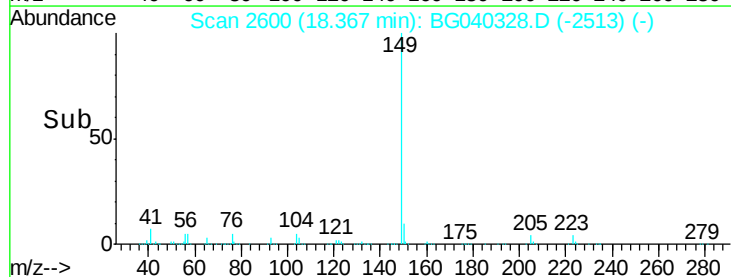
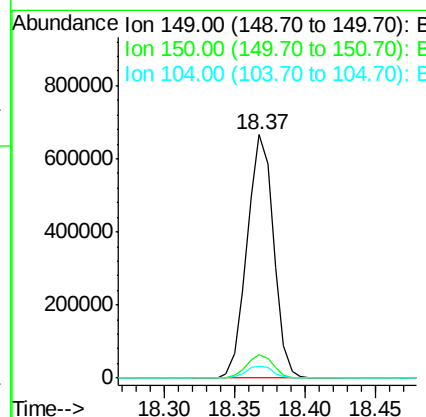
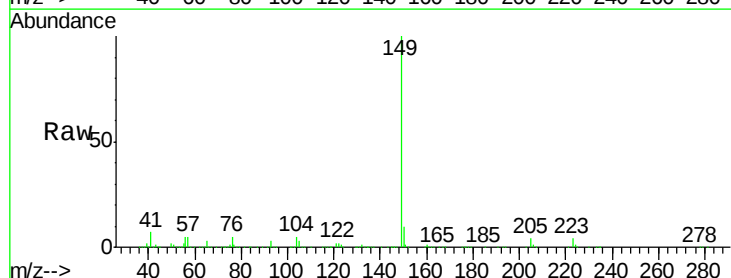
Manual Integrations
 APPROVED

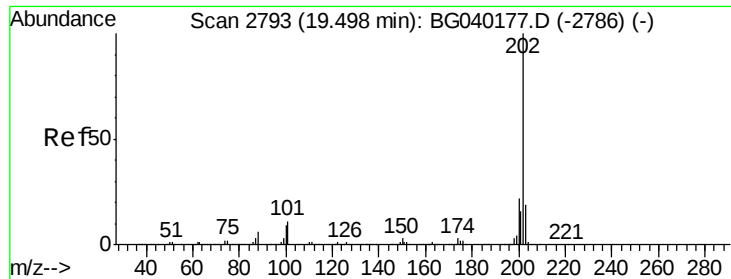
sohil
 4/4/2019 4:46:29 AM



#74
 Di-n-butylphthalate
 Concen: 45.666 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	874235		
150	9.7	7.9	11.9	
104	5.0	4.1	6.1	





#75

Fluoranthene

Concen: 46.632 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

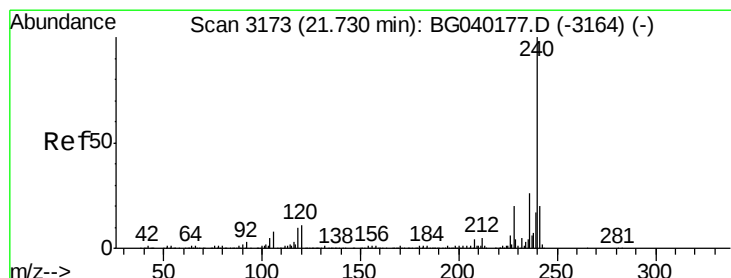
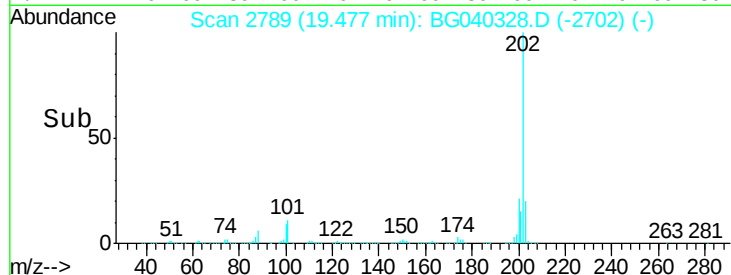
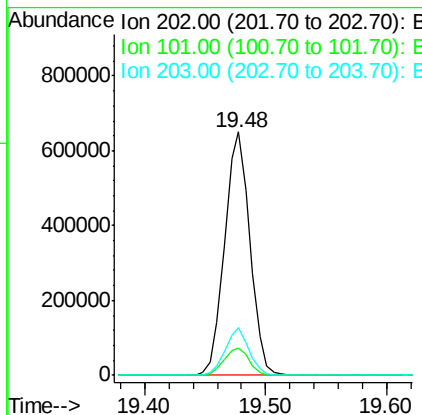
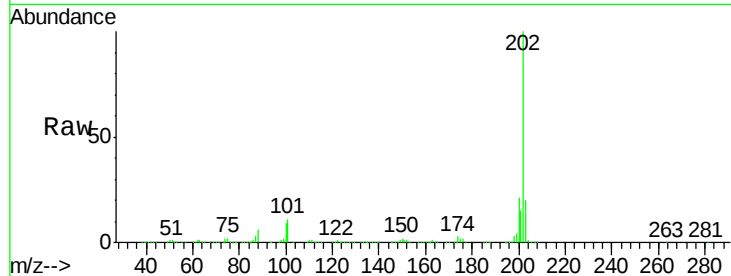
ClientSampleId :

PB118462BS

Tgt Ion:	202	Resp:	941461
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	30.8
203	19.6	0.0	38.9

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#76

Chrysene-d12

Concen: 20.000 ng

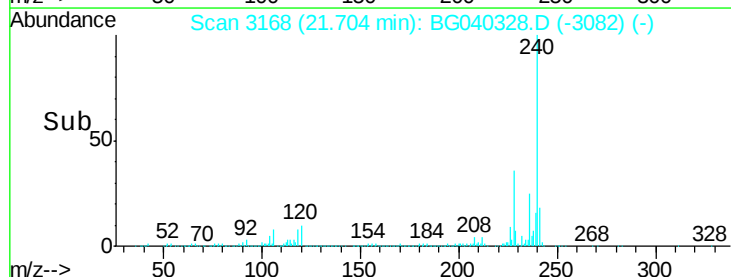
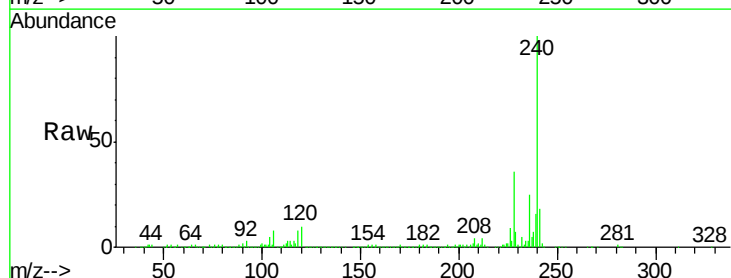
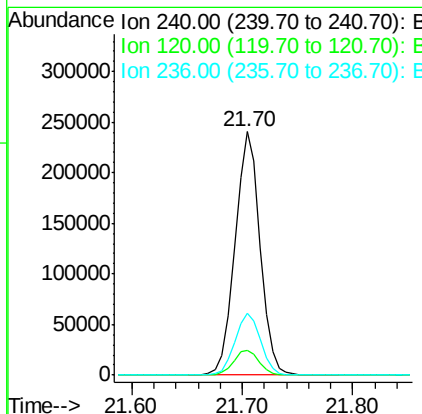
RT: 21.70 min Scan# 3168

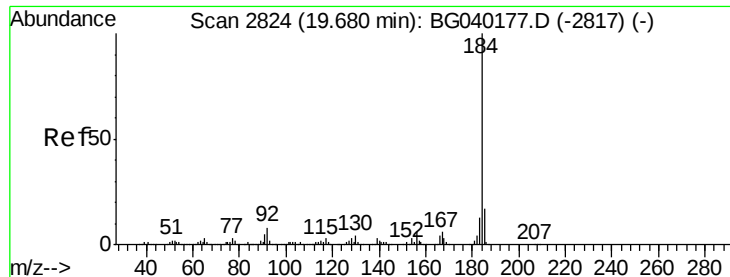
Delta R.T. -0.03 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:	240	Resp:	380770
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.4	12.6
236	25.2	20.8	31.2





#77

Benzidine

Concen: 32.333 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

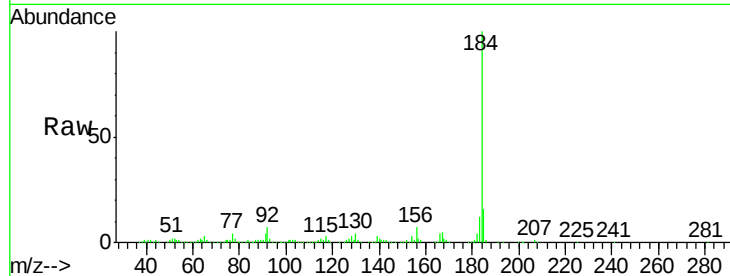
ClientSampleId :

PB118462BS

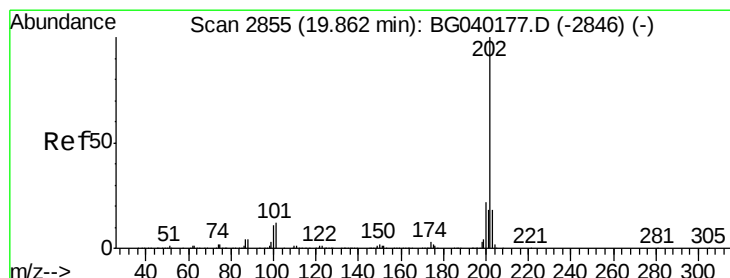
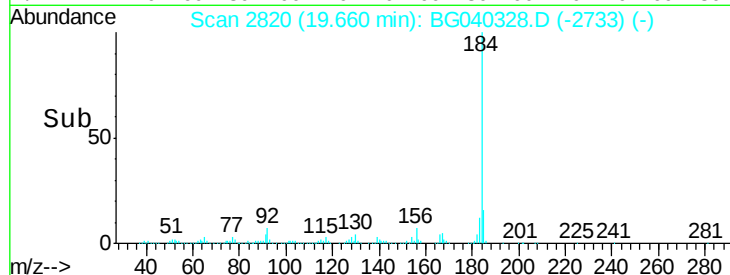
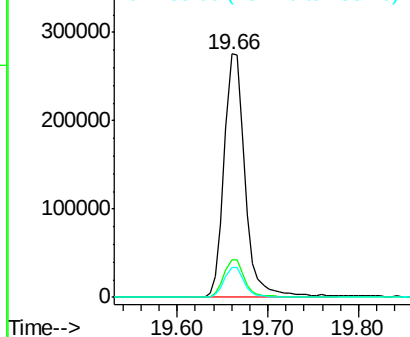
Tgt Ion:	184	Resp:	444577
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.3	19.9
183	12.5	10.3	15.5

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.776 ng

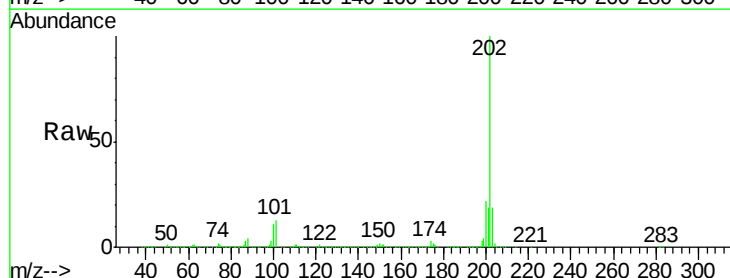
RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

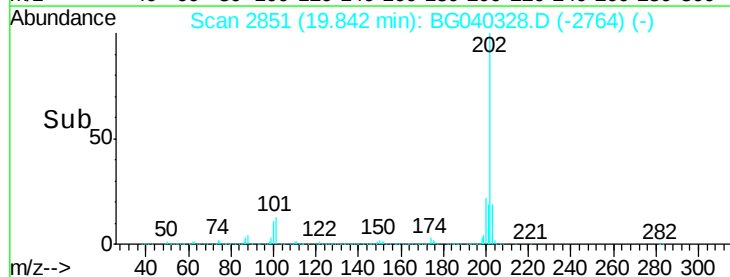
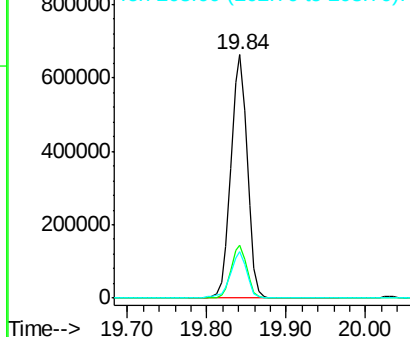
Lab File: BG040328.D

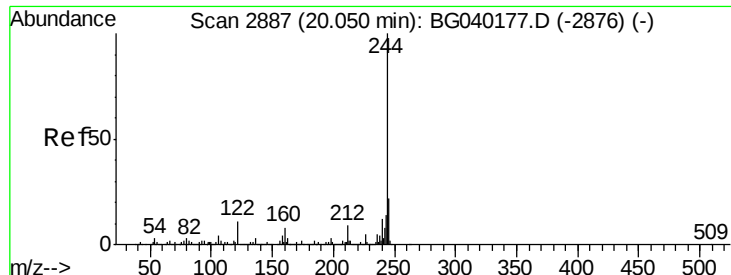
Acq: 3 Apr 2019 16:23

Tgt Ion:	202	Resp:	945909
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.3	25.9
203	19.1	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.257 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

PB118462BS

Tgt Ion:244 Resp: 1375327

Ion Ratio Lower Upper

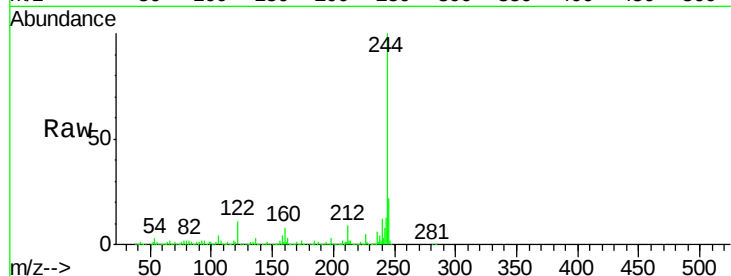
244 100

212 9.2 7.0 10.6

122 11.3 8.5 12.7

Manual Integrations
APPROVED

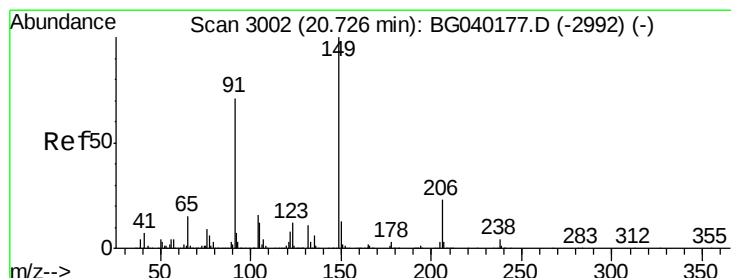
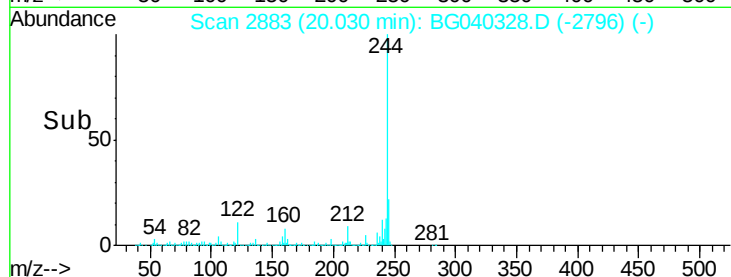
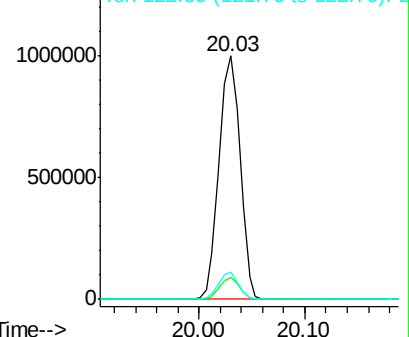
sohil
4/4/2019 4:46:29 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.381 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

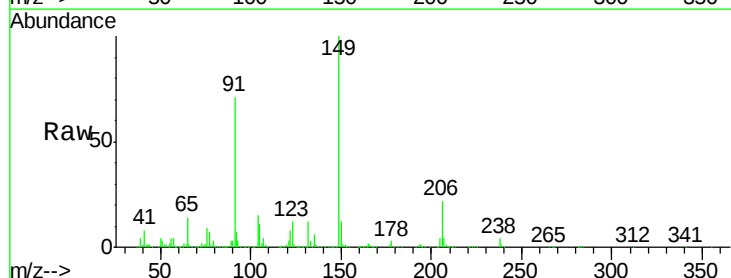
Tgt Ion:149 Resp: 443392

Ion Ratio Lower Upper

149 100

91 70.7 57.0 85.4

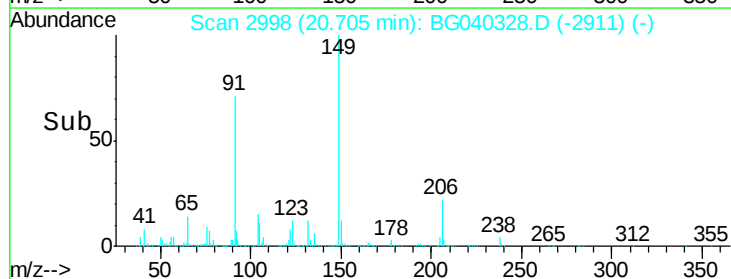
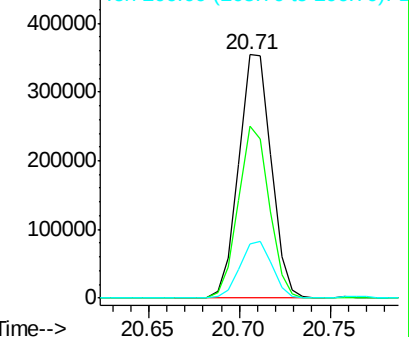
206 22.4 18.2 27.4

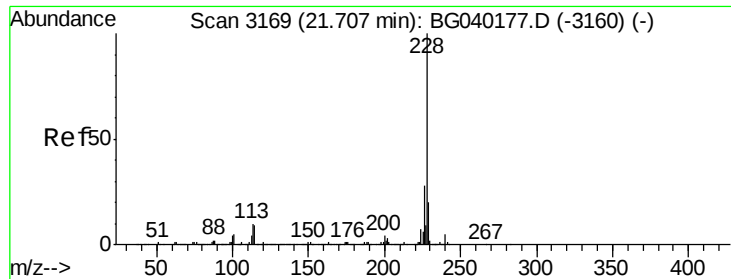


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.426 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

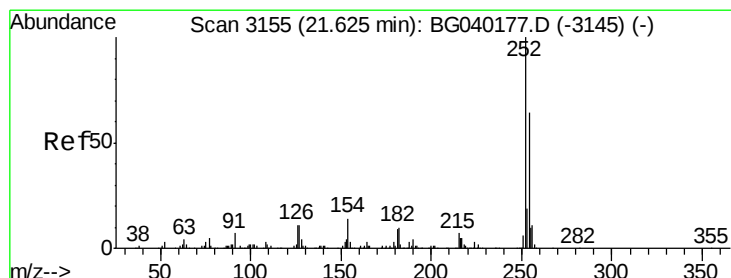
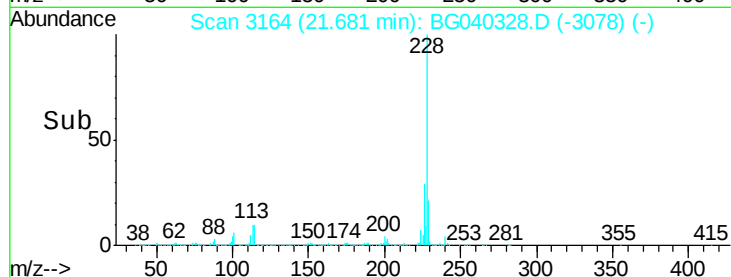
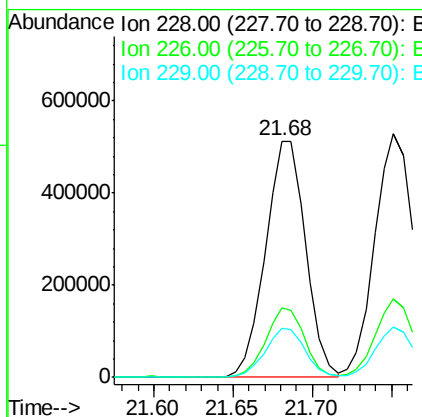
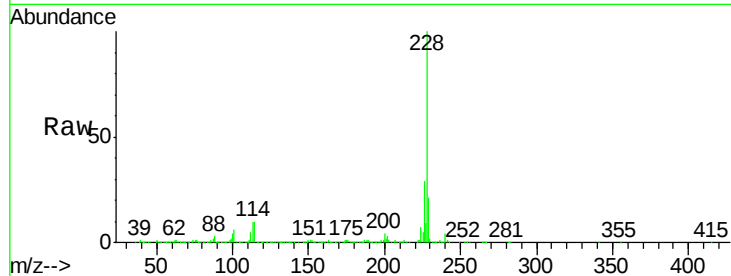
ClientSampleId :

PB118462BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	34.0
229	20.8	16.1	24.1

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#82

3,3'-Dichlorobenzidine

Concen: 22.773 ng

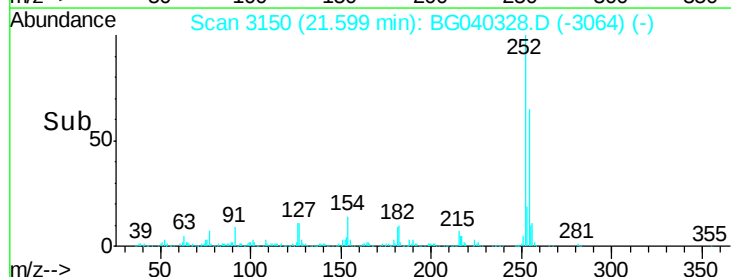
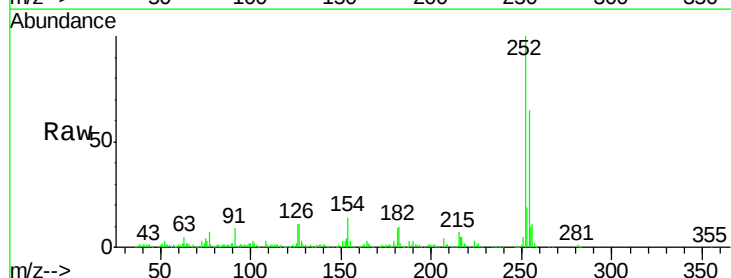
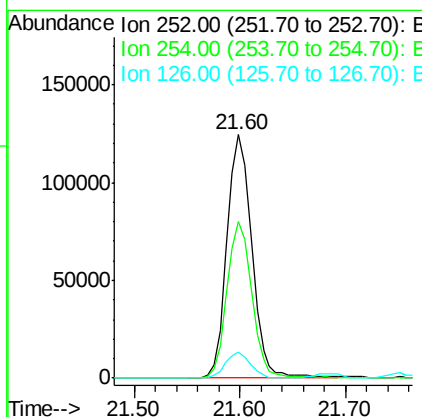
RT: 21.60 min Scan# 3150

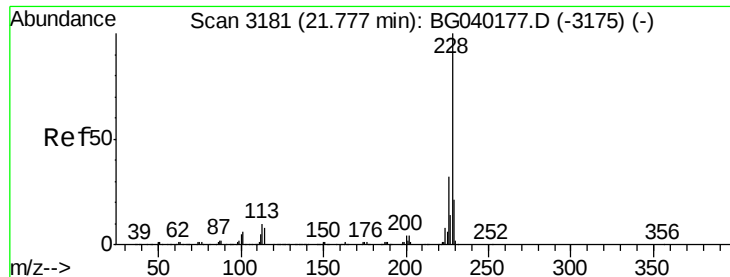
Delta R.T. -0.03 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	10.6	8.5	12.7





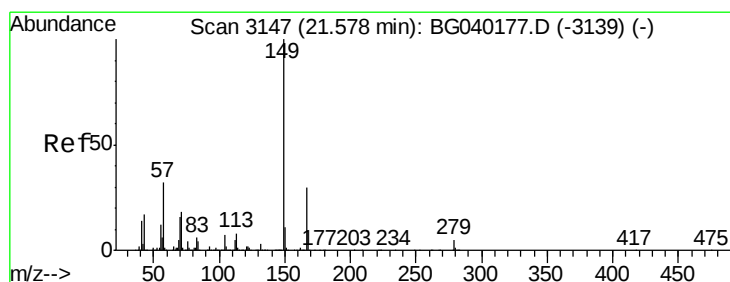
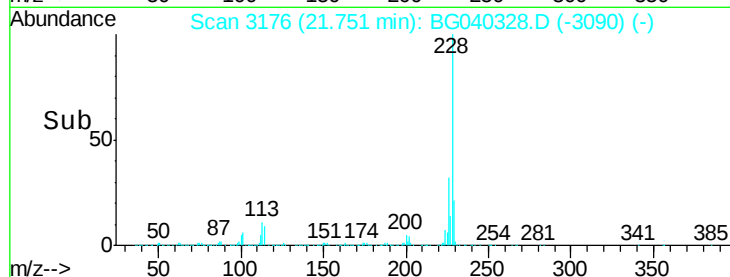
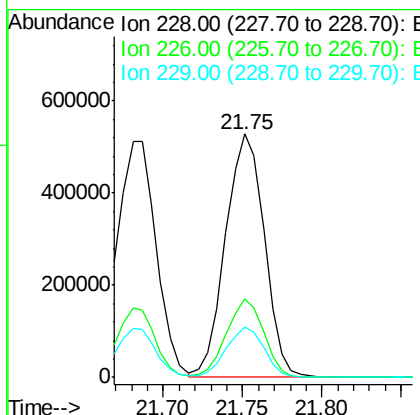
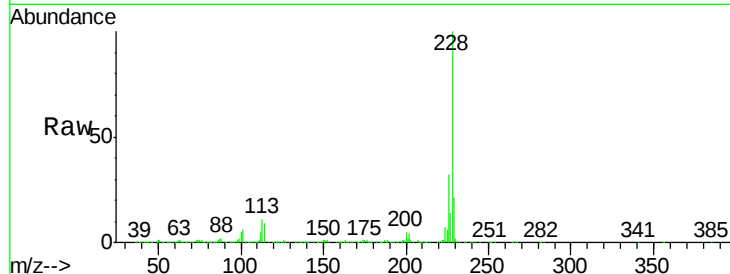
#83
Chrysene
 Concen: 39.559 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.03 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB118462BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	891658		
226	32.4	25.4	38.0	
229	20.7	17.0	25.4	

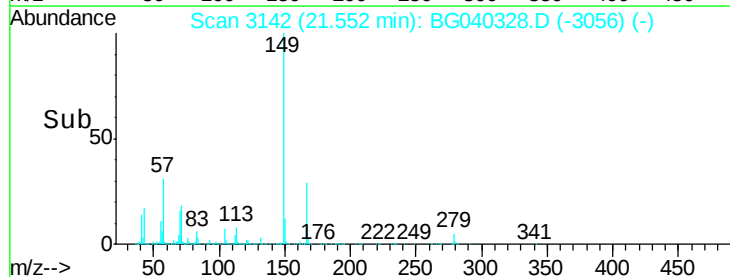
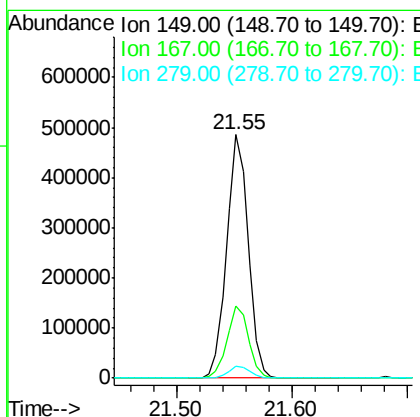
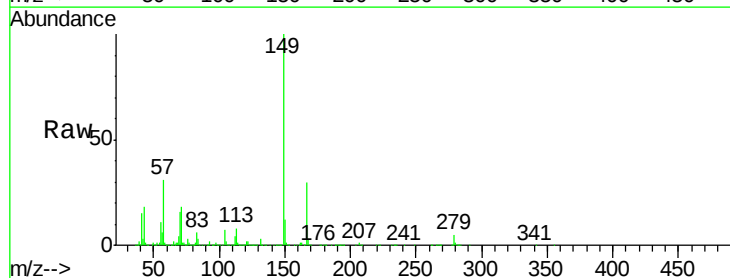
Manual Integrations
 APPROVED

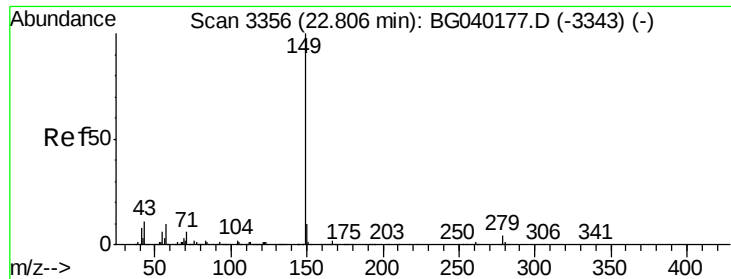
sohil
 4/4/2019 4:46:29 AM



#84
Bis(2-ethylhexyl)phthalate
 Concen: 40.990 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.03 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	627822		
167	29.5	24.1	36.1	
279	4.7	4.1	6.1	





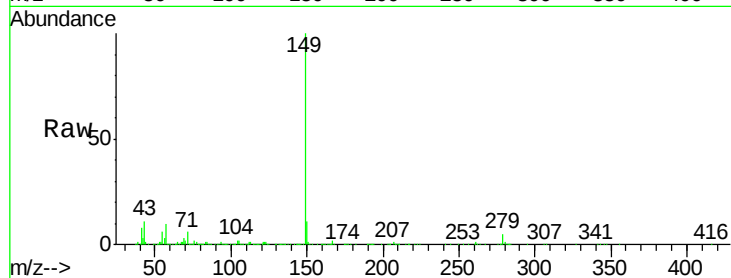
#85
Di-n-octyl phthalate
Concen: 40.988 ng
RT: 22.77 min Scan# 3350
Delta R.T. -0.03 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.4	8.7	13.1

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM

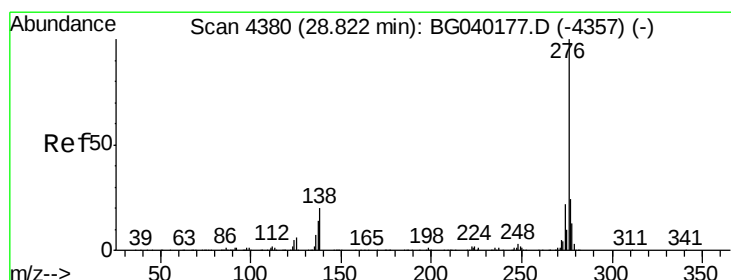
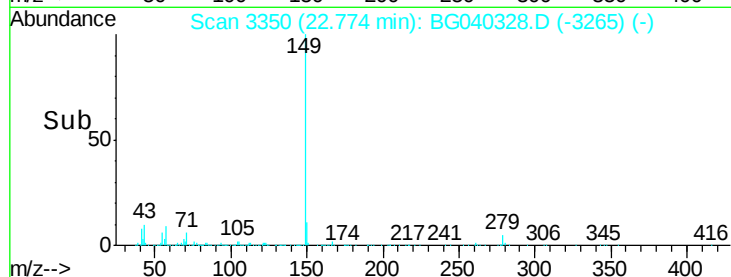
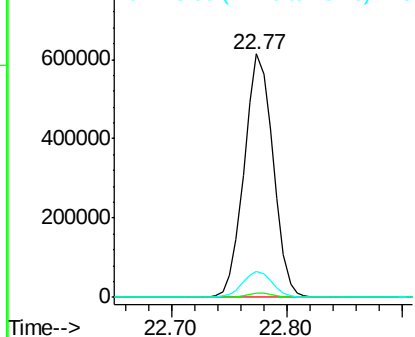


Abundance

Ion 149.00 (148.70 to 149.70): E

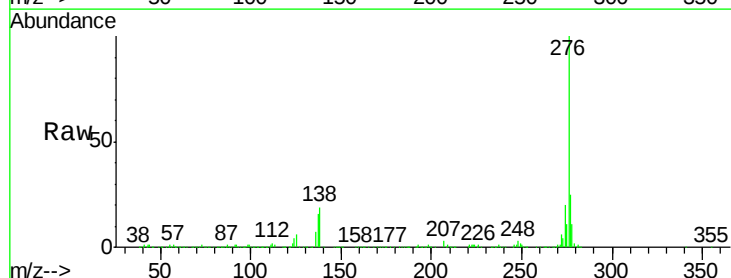
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.503 ng
RT: 28.75 min Scan# 4367
Delta R.T. -0.07 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	18.8	28.2#
277	25.9	21.0	31.4

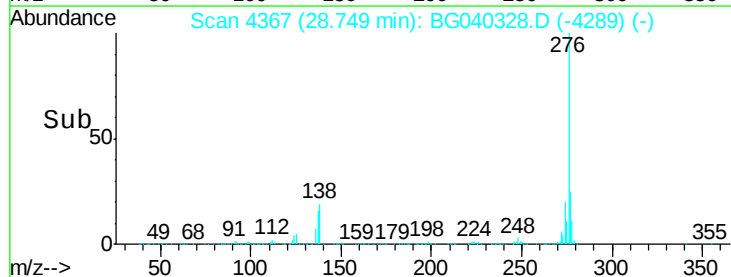
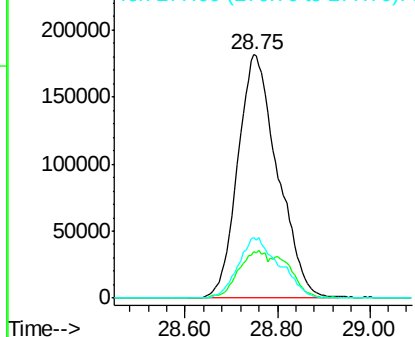


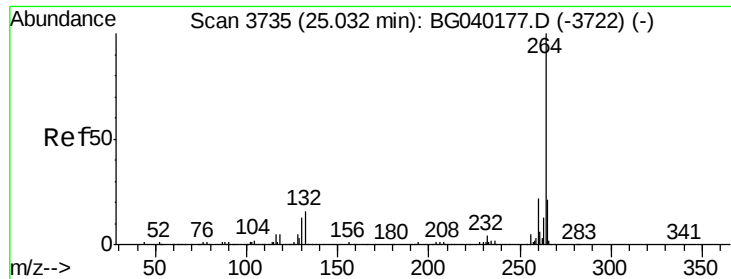
Abundance

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





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3727

Delta R.T. -0.04 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

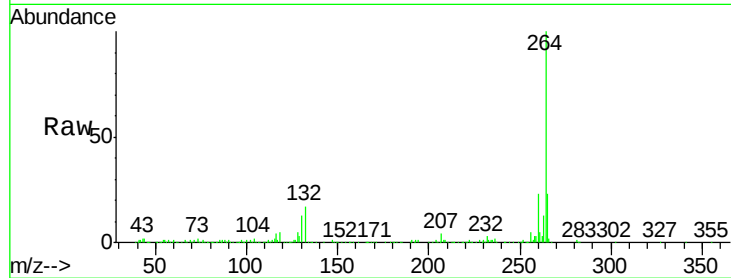
ClientSampleId :

PB118462BS

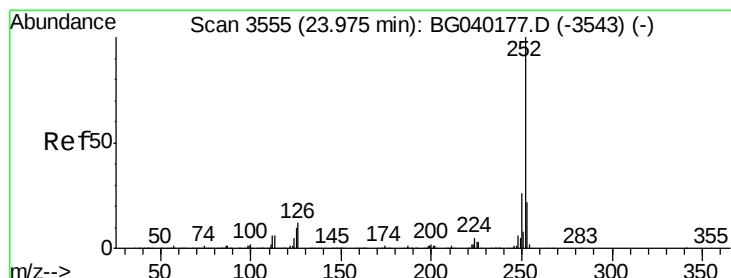
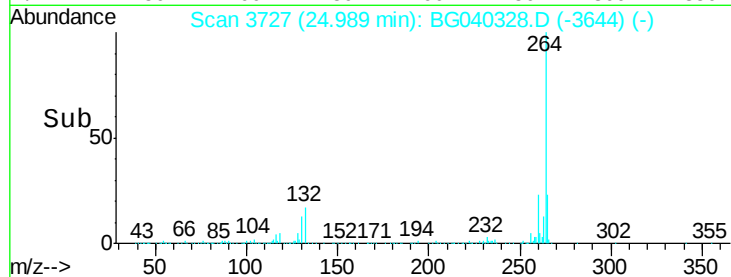
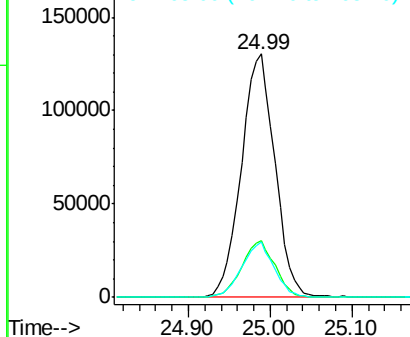
Tgt Ion:	264	Resp:	372397
Ion Ratio		Lower	Upper
264	100		
260	23.1	17.9	26.9
265	22.7	16.8	25.2

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



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



#88

Benzo(b)fluoranthene

Concen: 42.478 ng

RT: 23.94 min Scan# 3548

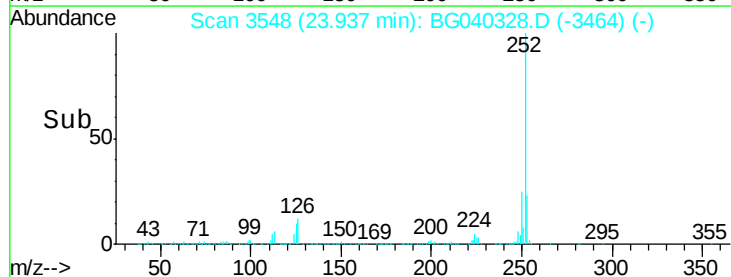
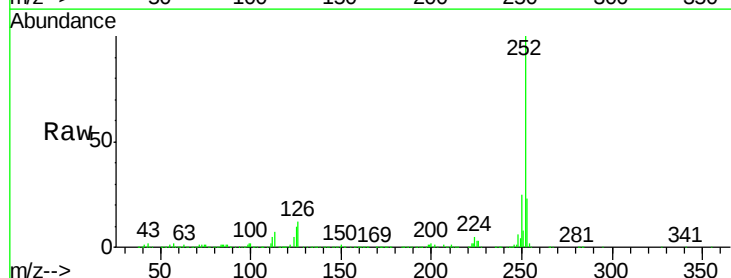
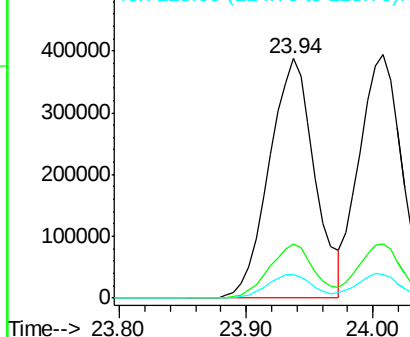
Delta R.T. -0.04 min

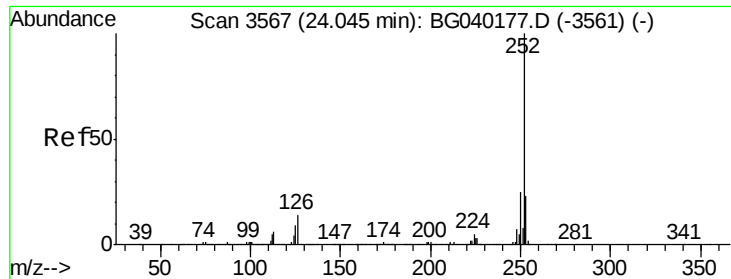
Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:	252	Resp:	968477
Ion Ratio		Lower	Upper
252	100		
253	22.6	17.6	26.4
125	9.9	8.2	12.4

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





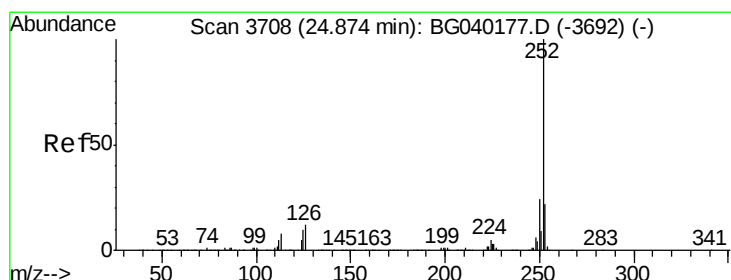
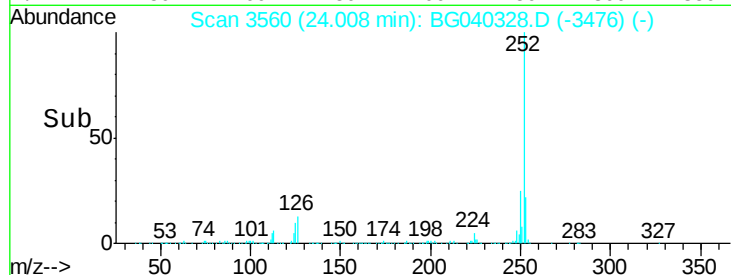
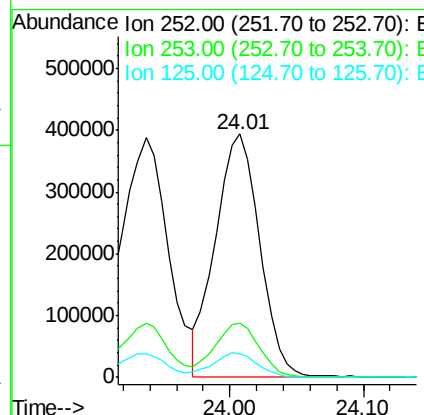
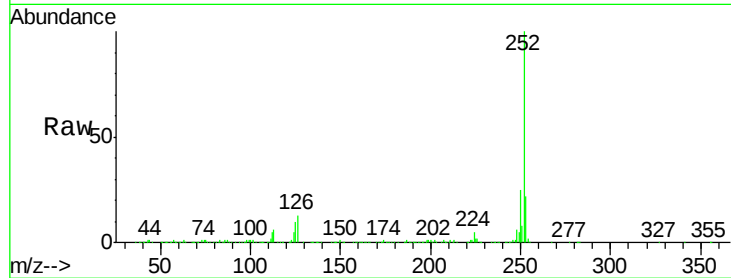
#89
Benzo(k)fluoranthene
Concen: 43.351 ng
RT: 24.01 min Scan# 3560
Delta R.T. -0.04 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	28.0
125	9.7	7.3	10.9

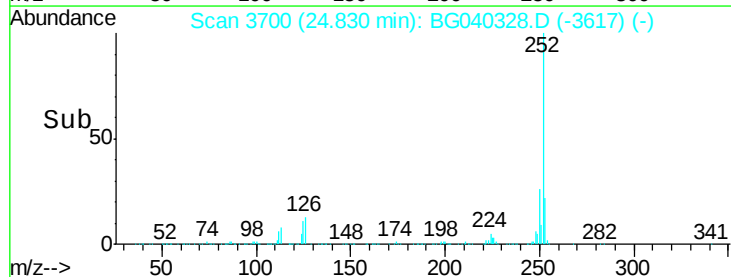
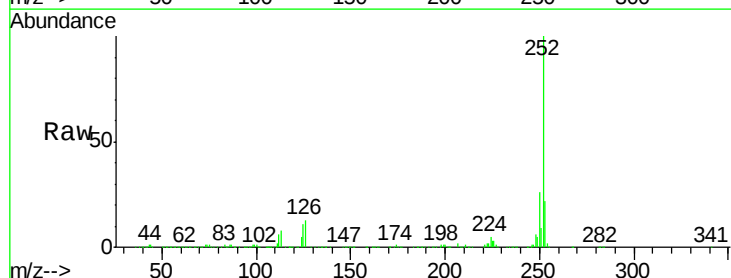
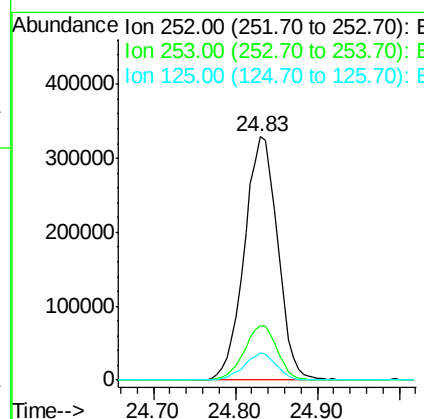
Manual Integrations
APPROVED

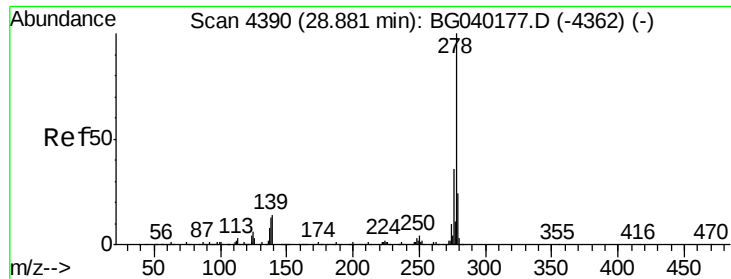
sohil
4/4/2019 4:46:29 AM



#90
Benzo(a)pyrene
Concen: 43.776 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.04 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.3	8.3	12.5





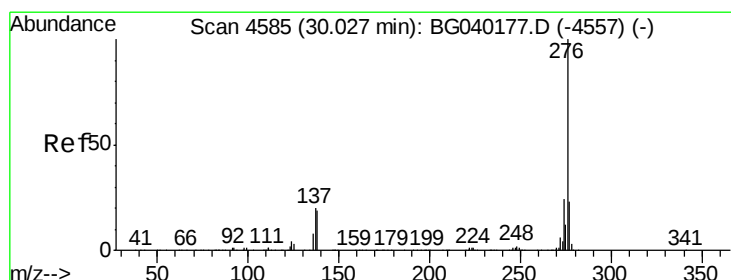
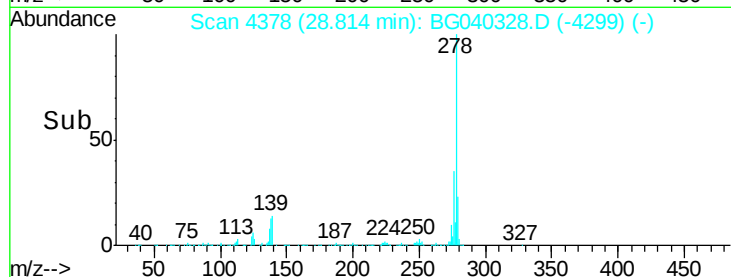
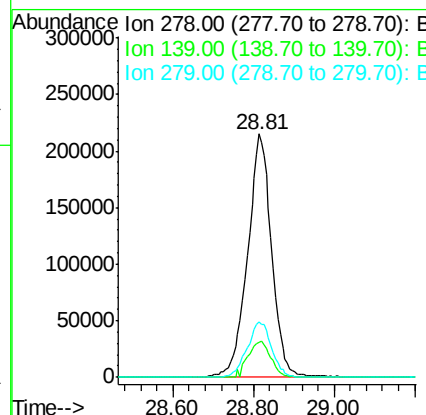
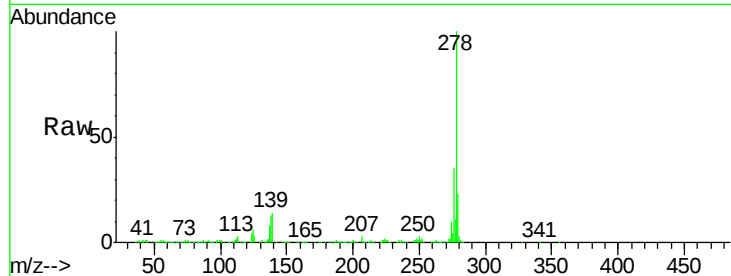
#91
Dibenzo(a,h)anthracene
Concen: 44.985 ng
RT: 28.81 min Scan# 4378
Delta R.T. -0.07 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB118462BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.2	16.8
279	22.9	18.9	28.3

Manual Integrations
APPROVED

sohil
4/4/2019 4:46:29 AM



#92
Benzo(g,h,i)perylene
Concen: 44.956 ng
RT: 29.94 min Scan# 4570
Delta R.T. -0.08 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	20.5	15.2	22.8

