

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040199.D
 Acq On : 28 Mar 2019 14:21
 Operator : JU/SJ
 Sample : PB118351BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

Manual Integrations
 APPROVED

Sohil
 3/29/2019 4:45:24 PM

Quant Time: Mar 29 07:10:03 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	8.07	152	47751	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	190564	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	117220	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	296998	20.00	ng	0.00
76) Chrysene-d12	21.73	240	323467	20.00	ng	0.00
87) Perylene-d12	25.03	264	334282	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	384295	133.79	ng	0.00
7) Phenol-d6	7.23	99	511373	128.82	ng	0.00
23) Nitrobenzene-d5	9.25	82	277721	77.46	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	176164	139.06	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	625255	79.04	ng	0.00
79) Terphenyl-d14	20.05	244	1137015	79.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	69662	51.577	ng	97
3) Pyridine	3.92	79	140199	38.553	ng	98
4) n-Nitrosodimethylamine	3.84	42	66201	39.355	ng	86
6) Aniline	7.40	93	146373	28.381	ng	97
8) 2-Chlorophenol	7.63	128	135993	40.445	ng	98
9) Benzaldehyde	7.21	77	48451	17.793	ng	92
10) Phenol	7.25	94	179097	41.565	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	131230	38.026	ng	95
12) 1,3-Dichlorobenzene	7.95	146	144060	39.413	ng	95
13) 1,4-Dichlorobenzene	8.11	146	147703	40.573	ng	97
14) 1,2-Dichlorobenzene	8.42	146	136946	39.337	ng	98
15) Benzyl Alcohol	8.31	79	118759	37.147	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	246844	37.269	ng	97
17) 2-Methylphenol	8.51	107	121938	40.897	ng	97
18) Hexachloroethane	9.15	117	54068	39.045	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	102364	35.965	ng	99
20) 3+4-Methylphenols	8.83	107	160952	39.848	ng	98
22) Acetophenone	8.90	105	200026	42.079	ng	# 96
24) Nitrobenzene	9.29	77	154088	41.505	ng	99
25) Isophorone	9.80	82	290184	39.338	ng	99
26) 2-Nitrophenol	10.00	139	68281	38.815	ng	94
27) 2,4-Dimethylphenol	10.04	122	132341	47.361	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	177352	40.637	ng	98
29) 2,4-Dichlorophenol	10.53	162	135120	44.550	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	139456	41.874	ng	98
31) Naphthalene	10.93	128	411527	42.131	ng	99
32) Benzoic acid	10.18	122	64030m	37.926	ng	
33) 4-Chloroaniline	11.05	127	96382	23.133	ng	95
34) Hexachlorobutadiene	11.20	225	86261	40.500	ng	89
35) Caprolactam	11.83	113	48790m	40.536	ng	
36) 4-Chloro-3-methylphenol	12.16	107	148108	42.476	ng	97
37) 2-Methylnaphthalene	12.54	142	302031	41.809	ng	99
38) 1-Methylnaphthalene	12.76	142	289812	41.371	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	150118	40.293	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040199.D
 Acq On : 28 Mar 2019 14:21
 Operator : JU/SJ
 Sample : PB118351BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

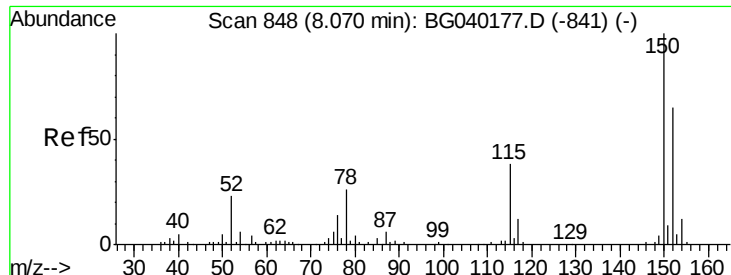
Manual Integrations
 APPROVED

Sohil
 3/29/2019 4:45:24 PM

Quant Time: Mar 29 07:10:03 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	12.86	237	202190	98.839	nq	97
43) 2,4,6-Trichlorophenol	13.14	196	105410	43.883	nq	98
44) 2,4,5-Trichlorophenol	13.21	196	111247	42.490	nq	98
46) 1,1'-Biphenyl	13.54	154	387291	41.815	nq	98
47) 2-Chloronaphthalene	13.58	162	295810	41.637	nq	99
48) 2-Nitroaniline	13.80	65	99319	41.445	nq	100
49) Acenaphthylene	14.43	152	498603	41.393	nq	98
50) Dimethylphthalate	14.15	163	393198	42.860	nq	99
51) 2,6-Dinitrotoluene	14.28	165	88256	42.844	nq	95
52) Acenaphthene	14.76	154	287657	41.676	nq	96
53) 3-Nitroaniline	14.62	138	61055	28.001	nq	95
54) 2,4-Dinitrophenol	14.82	184	100257	91.516	nq	96
55) Dibenzofuran	15.10	168	480158	43.293	nq	98
56) 4-Nitrophenol	14.92	139	156124	88.715	nq	97
57) 2,4-Dinitrotoluene	15.06	165	128115	44.760	nq	# 98
58) Fluorene	15.75	166	374187	42.912	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	106234	44.714	nq	98
60) Diethylphthalate	15.50	149	408401	43.503	nq	98
61) 4-Chlorophenyl-phenylether	15.73	204	198345	42.554	nq	97
62) 4-Nitroaniline	15.78	138	103712	44.321	nq	96
63) Azobenzene	16.03	77	373841	42.218	nq	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	67978	40.740	nq	97
66) n-Nitrosodiphenylamine	15.95	169	351563	40.451	nq	99
67) 4-Bromophenyl-phenylether	16.63	248	130413	39.019	nq	98
68) Hexachlorobenzene	16.74	284	136085	40.496	nq	96
69) Atrazine	16.89	200	135383	41.876	nq	99
70) Pentachlorophenol	17.09	266	161172	82.957	nq	98
71) Phenanthrene	17.49	178	656599	42.061	nq	98
72) Anthracene	17.58	178	672403	43.033	nq	100
73) Carbazole	17.86	167	657425	44.458	nq	99
74) Di-n-butylphthalate	18.38	149	788961	45.011	nq	100
75) Fluoranthene	19.49	202	858681	46.453	nq	100
77) Benzidine	19.68	184	367455	31.458	nq	97
78) Pyrene	19.86	202	867281	40.772	nq	99
80) Butylbenzylphthalate	20.73	149	377713	41.496	nq	95
81) Benzo(a)anthracene	21.70	228	814204	40.866	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	187715	24.767	nq	99
83) Chrysene	21.77	228	778952	40.681	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	522531	40.159	nq	99
85) Di-n-octyl phthalate	22.80	149	900826	40.635	nq	99
86) Indeno(1,2,3-cd)pyrene	28.81	276	973351	41.562	nq	# 85
88) Benzo(b)fluoranthene	23.97	252	861602	42.099	nq	98
89) Benzo(k)fluoranthene	24.04	252	817760	43.450	nq	98
90) Benzo(a)pyrene	24.87	252	836794	43.577	nq	99
91) Dibenzo(a,h)anthracene	28.88	278	786119	44.079	nq	97
92) Benzo(g,h,i)perylene	30.02	276	810300	44.210	nq	98

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



#1

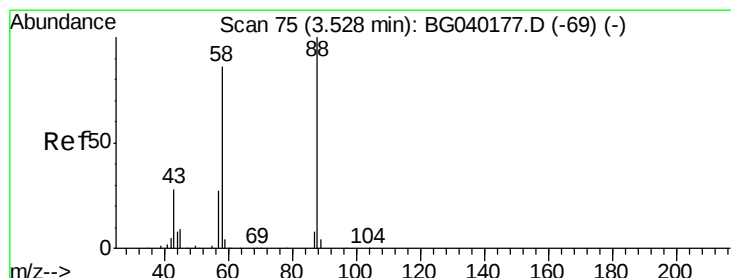
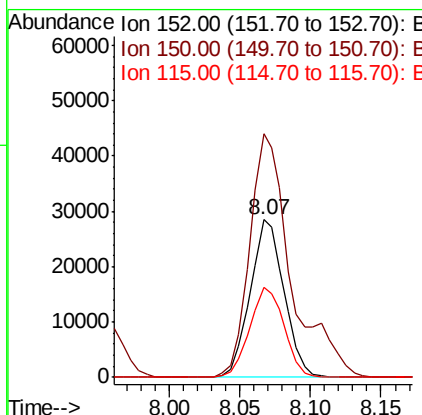
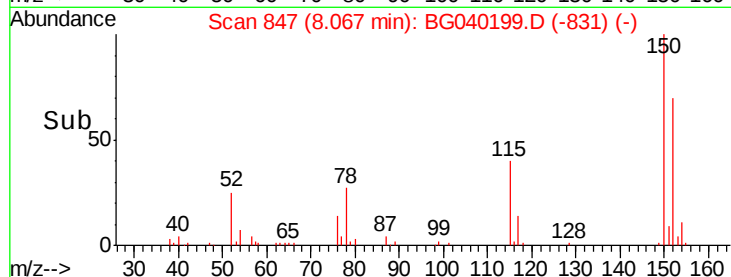
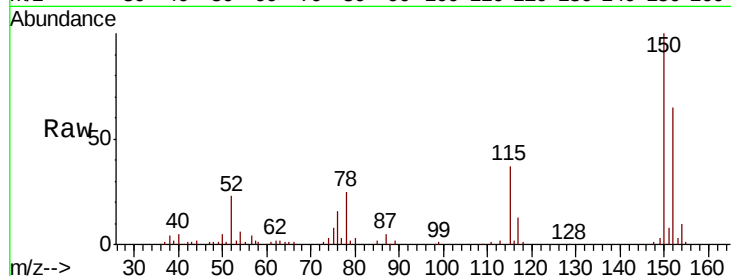
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.7	185.5
115	57.3	46.9	70.3

Manual Integrations
APPROVED

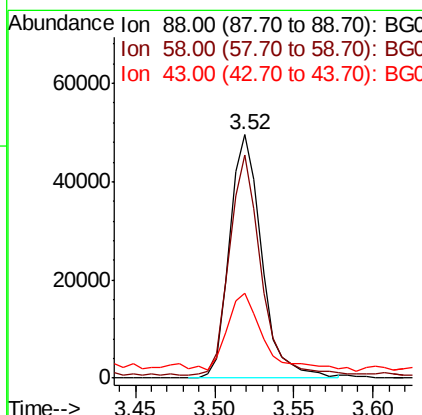
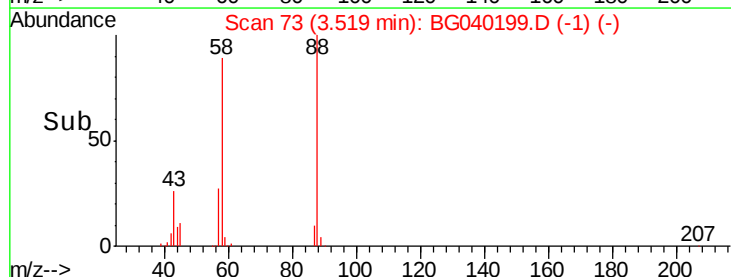
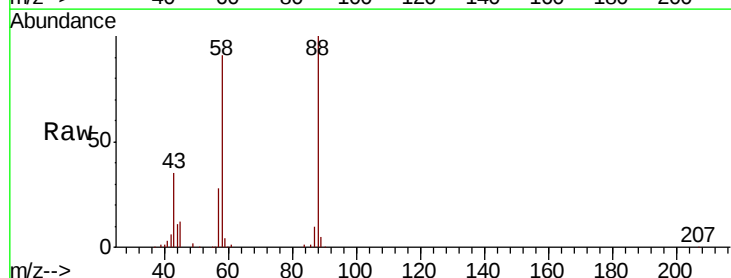
Sohil
3/29/2019 4:45:24 PM

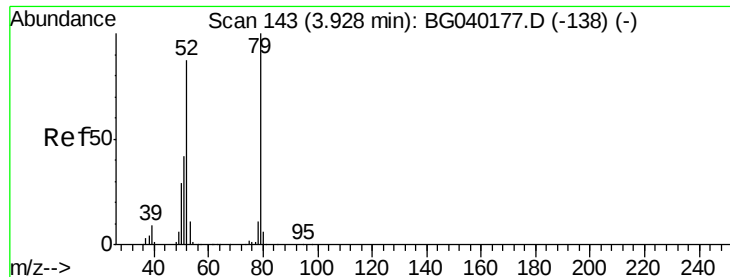


#2

1,4-Dioxane
Concen: 51.577 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	70.6	106.0
43	36.0	24.8	37.2





#3

Pvridine

Concen: 38.553 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

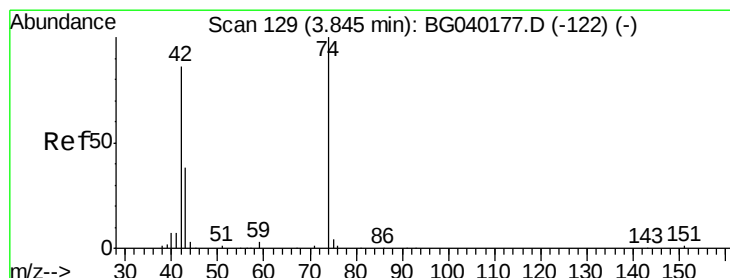
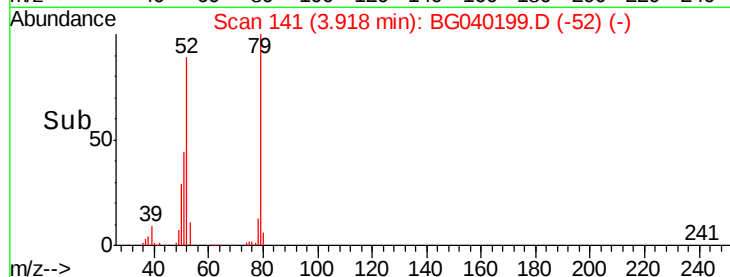
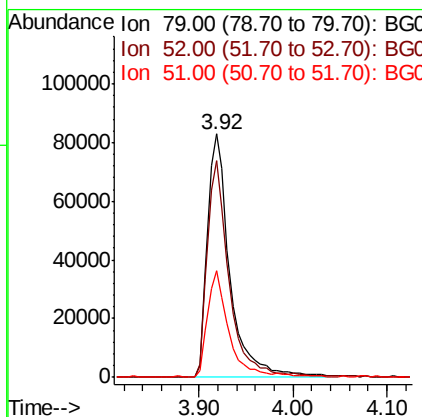
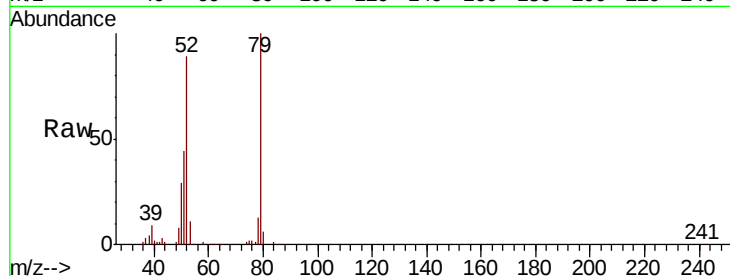
ClientSampled :

PB118351BS

Tot Ion:	79	Resp:	140199
Ion	Ratio	Lower	Upper
79	100		
52	89.1	69.8	104.8
51	44.0	33.9	50.9

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



#4

n-Nitrosodimethylamine

Concen: 39.355 ng

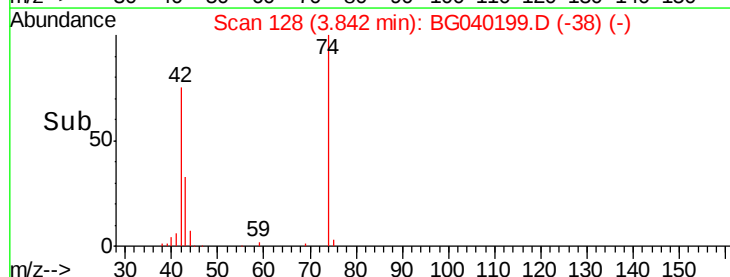
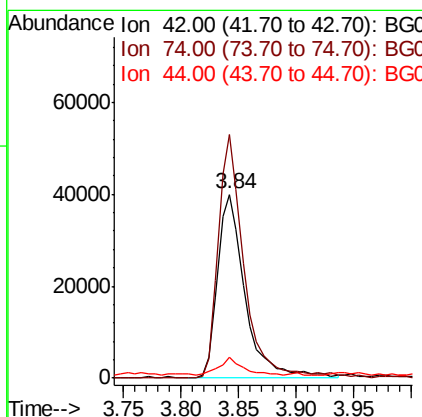
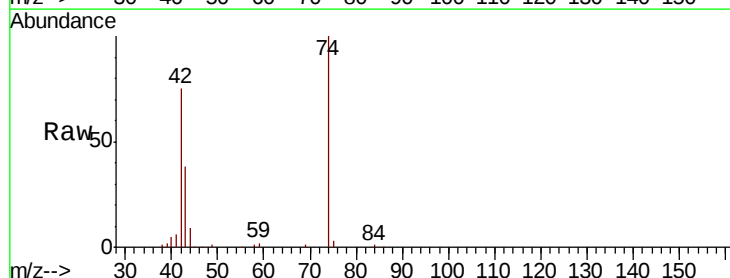
RT: 3.84 min Scan# 128

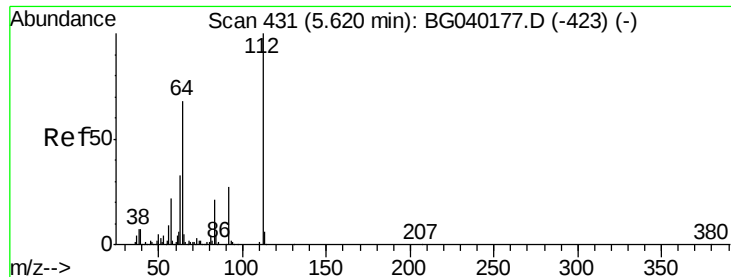
Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Tgt Ion:	42	Resp:	66201
Ion	Ratio	Lower	Upper
42	100		
74	132.6	92.9	139.3
44	11.6	9.7	14.5





#5

2-Fluorophenol

Concen: 133.789 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

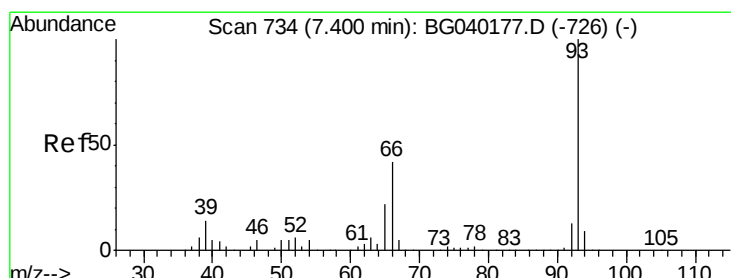
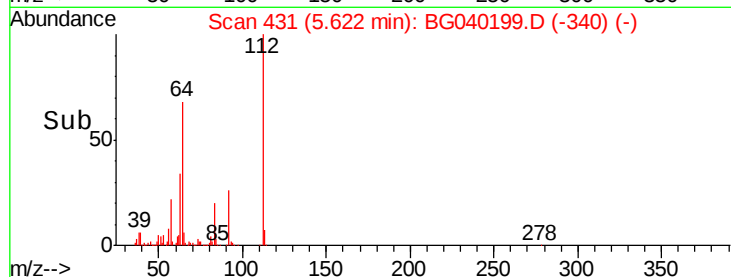
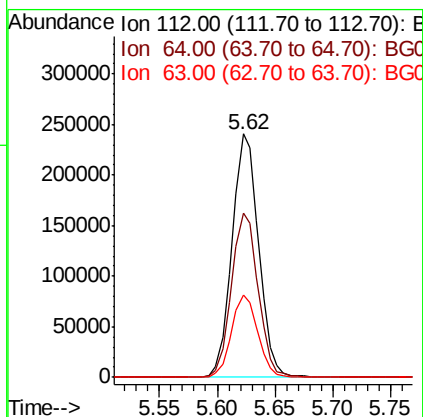
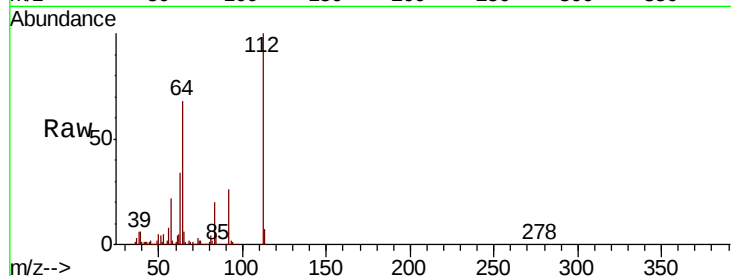
ClientSampleId :

PB118351BS

Tot Ion:	112	Resp:	384295
Ion Ratio	Lower	Upper	
112	100		
64	67.6	54.2	81.2
63	34.0	26.4	39.6

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



#6

Aniline

Concen: 28.381 ng

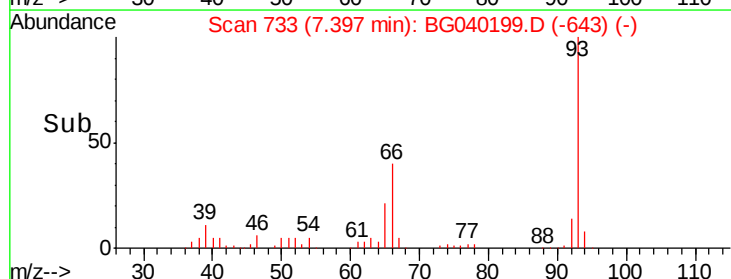
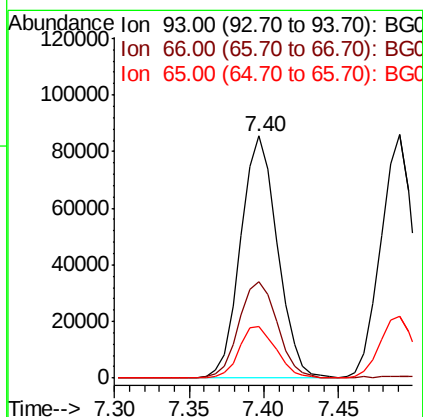
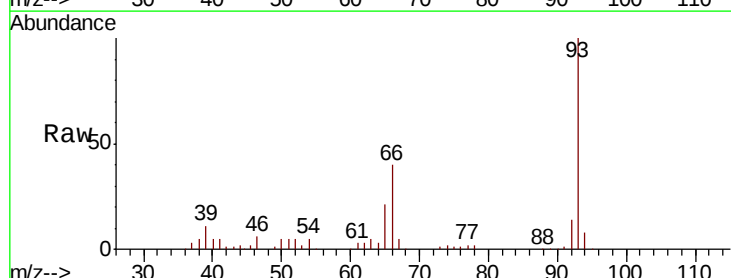
RT: 7.40 min Scan# 733

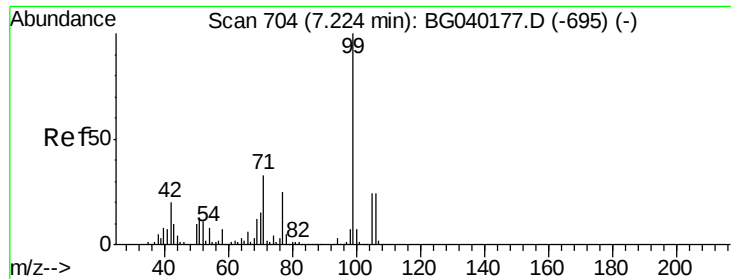
Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Tgt Ion:	93	Resp:	146373
Ion Ratio	Lower	Upper	
93	100		
66	39.7	33.6	50.4
65	21.2	17.4	26.2





#7

Phenol-d6

Concen: 128.819 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

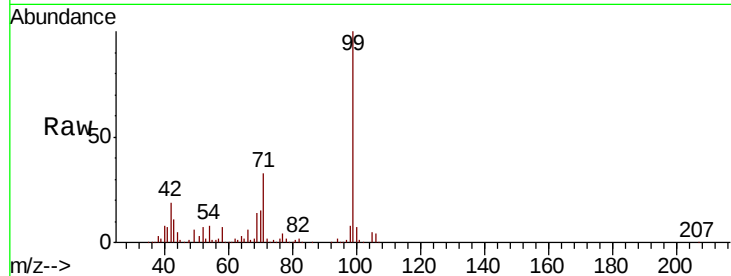
ClientSampleId :

PB118351BS

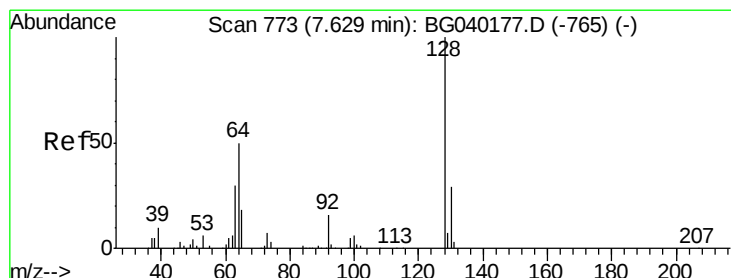
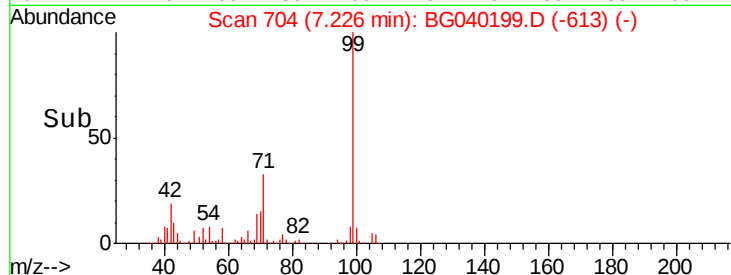
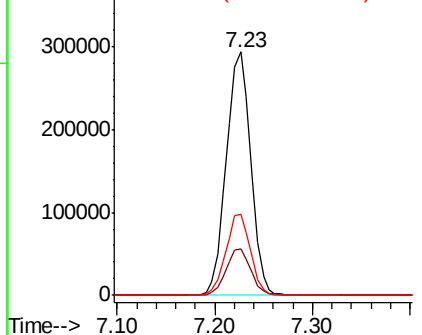
Tot Ion:	99	Resp:	511373
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.2	24.2
71	33.2	26.8	40.2

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



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



#8

2-Chlorophenol

Concen: 40.445 ng

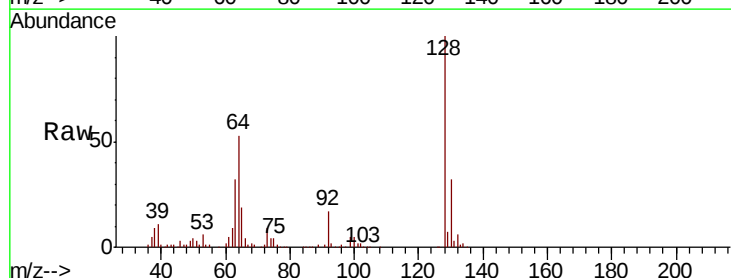
RT: 7.63 min Scan# 773

Delta R.T. 0.00 min

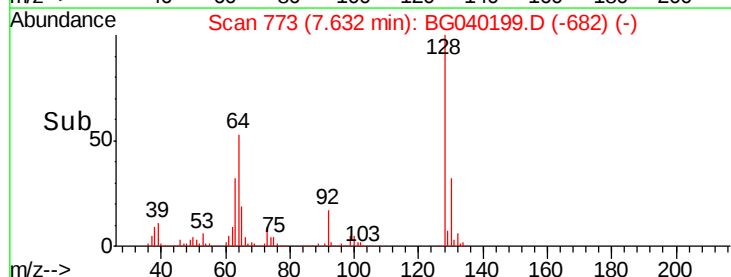
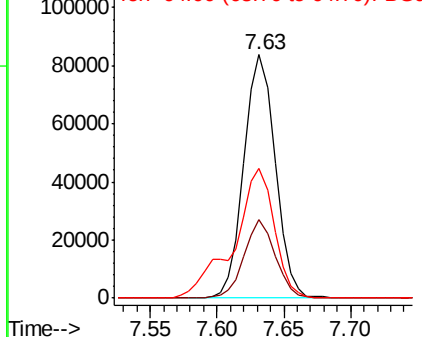
Lab File: BG040199.D

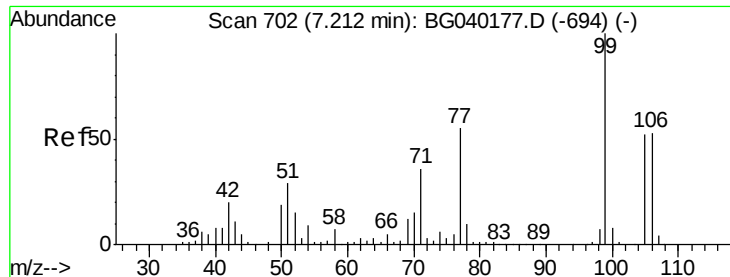
Acq: 28 Mar 2019 14:21

Tgt Ion:	128	Resp:	135993
Ion	Ratio	Lower	Upper
128	100		
130	32.3	9.1	49.1
64	53.1	33.1	73.1



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





#9

Benzaldehyde

Concen: 17.793 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

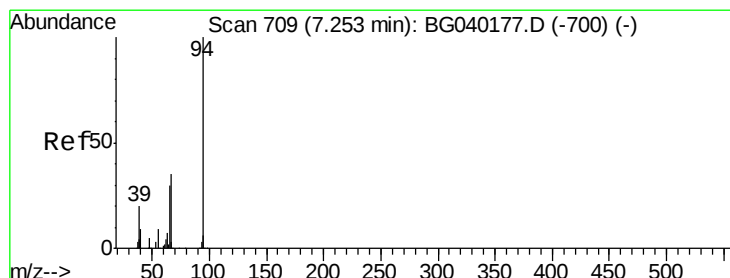
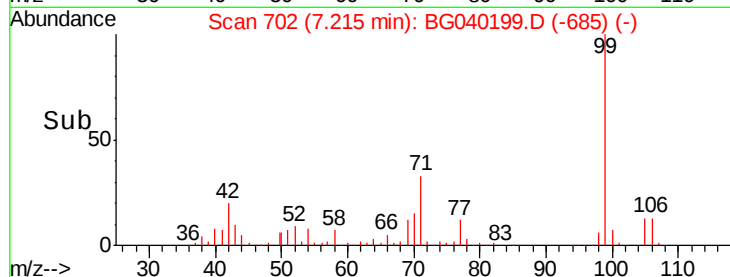
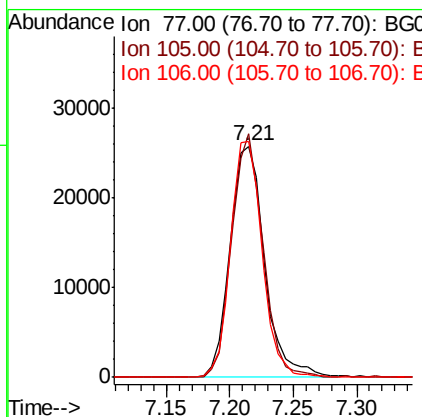
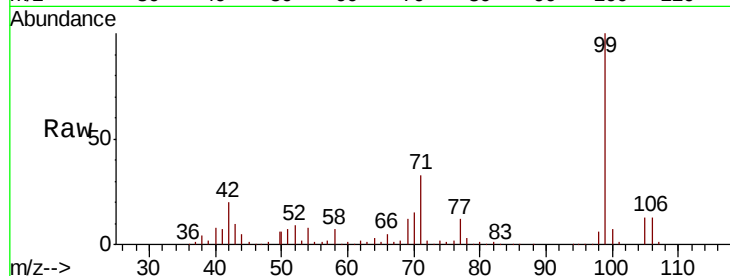
ClientSampleId :

PB118351BS

Tot Ion:	77	Resp:	48451
Ion	Ratio	Lower	Upper
77	100		
105	105.2	75.0	115.0
106	101.7	75.7	115.7

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



#10

Phenol

Concen: 41.565 ng

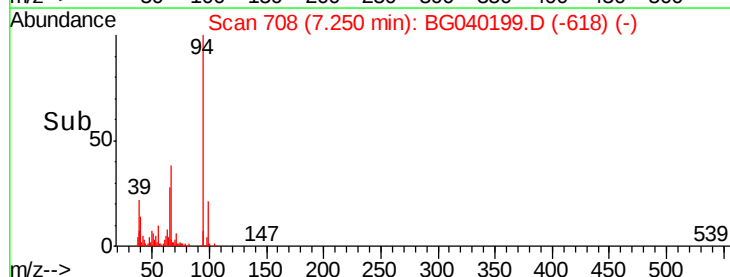
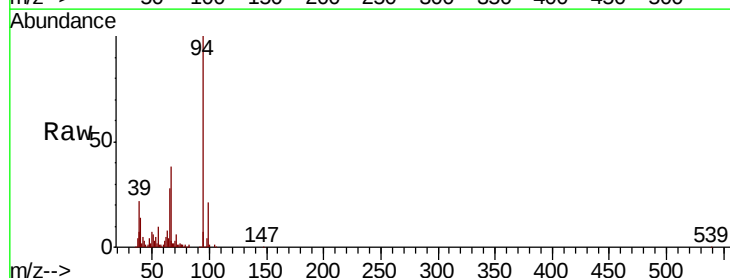
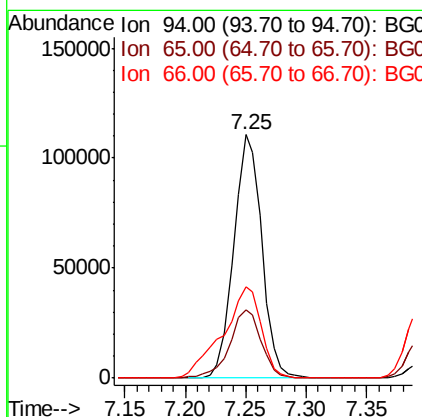
RT: 7.25 min Scan# 708

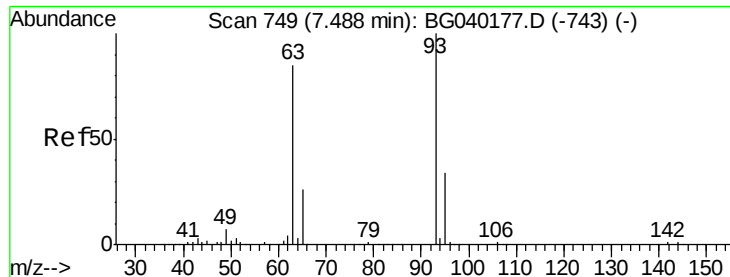
Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Tgt Ion:	94	Resp:	179097
Ion	Ratio	Lower	Upper
94	100		
65	28.3	10.5	50.5
66	37.7	16.9	56.9





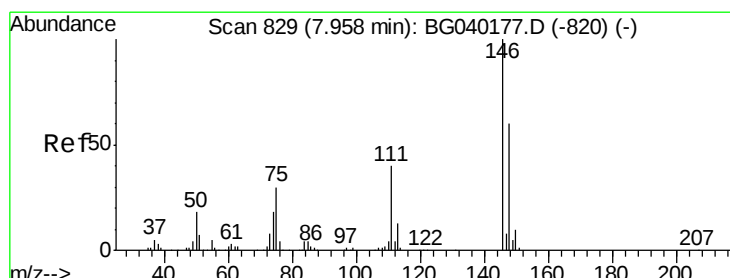
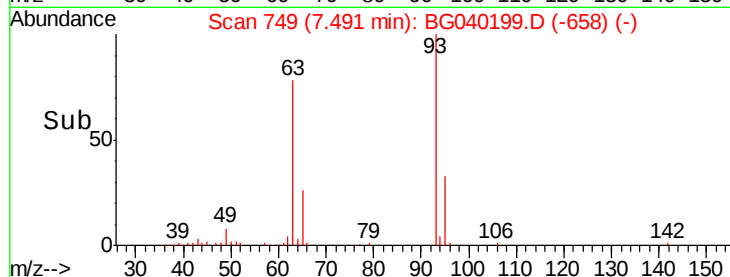
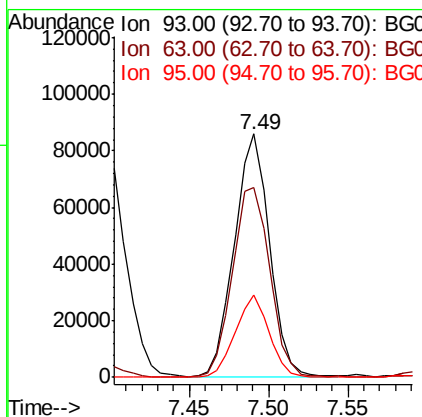
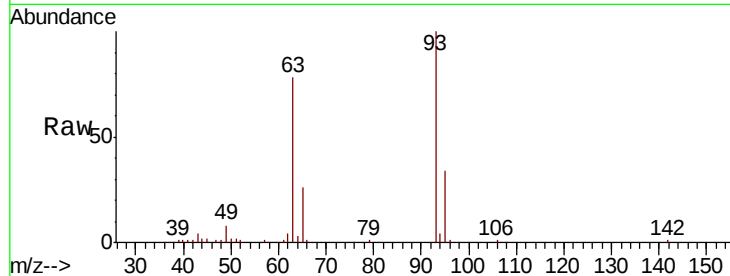
#11
bis(2-Chloroethyl)ether
Concen: 38.026 ng
RT: 7.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion:	93	Resp:	131230
Ion	Ratio	Lower	Upper
93	100		
63	78.0	64.2	104.2
95	33.6	14.0	54.0

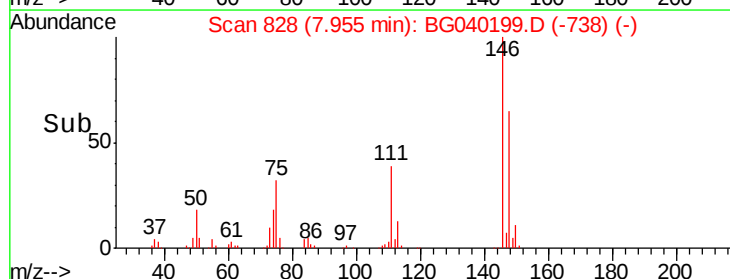
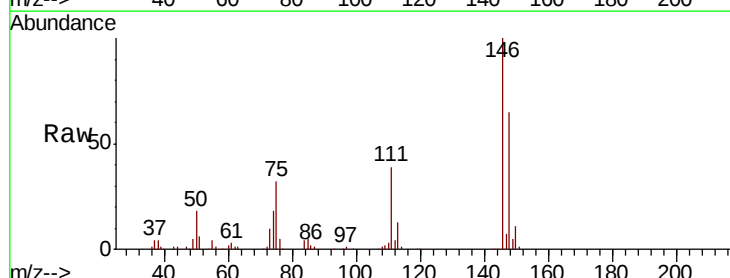
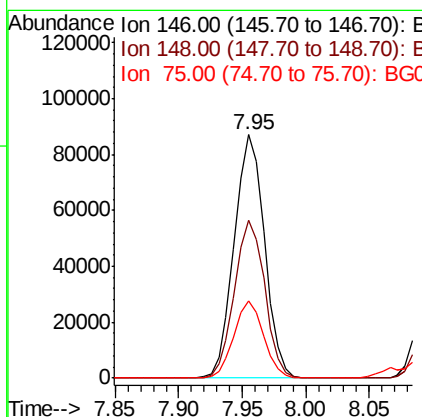
Manual Integrations
APPROVED

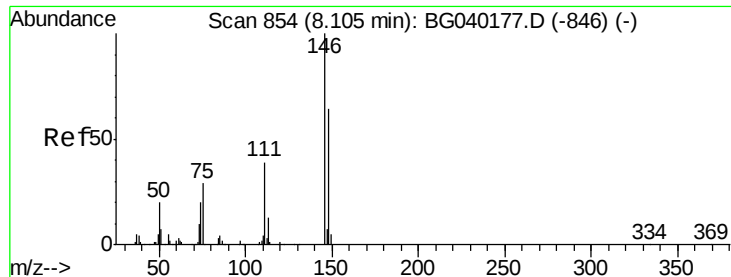
Sohil
3/29/2019 4:45:24 PM



#12
1,3-Dichlorobenzene
Concen: 39.413 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion:	146	Resp:	144060
Ion	Ratio	Lower	Upper
146	100		
148	64.6	48.2	72.2
75	31.5	24.1	36.1





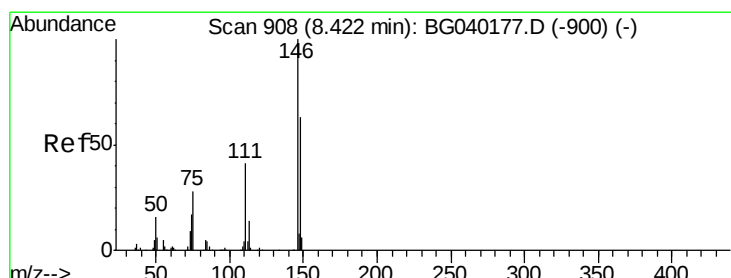
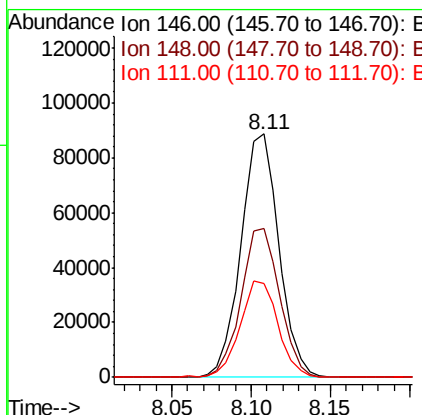
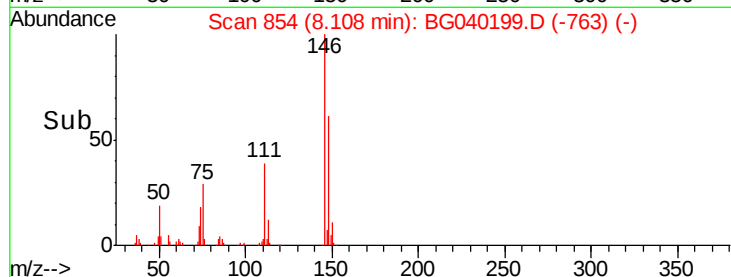
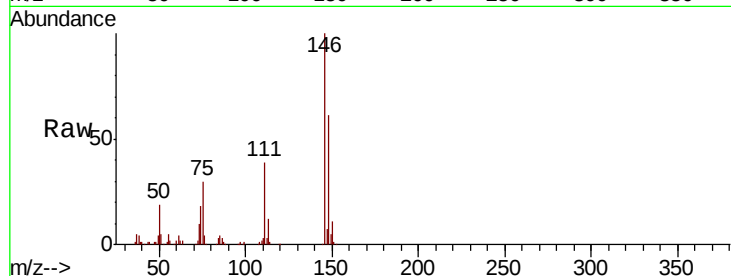
#13
 1,4-Dichlorobenzene
 Concen: 40.573 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.2	51.0	76.4
111	38.5	31.8	47.6

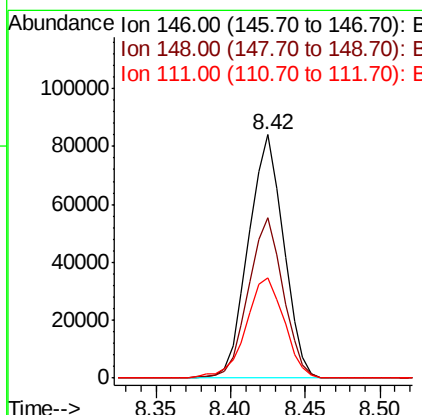
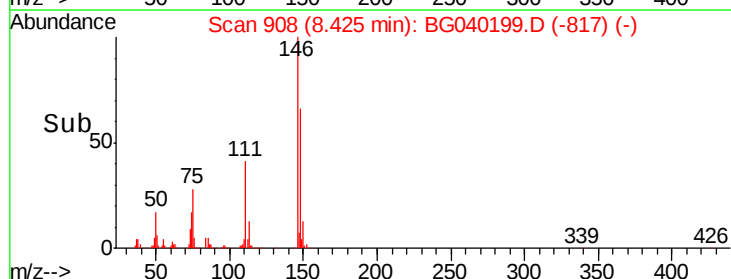
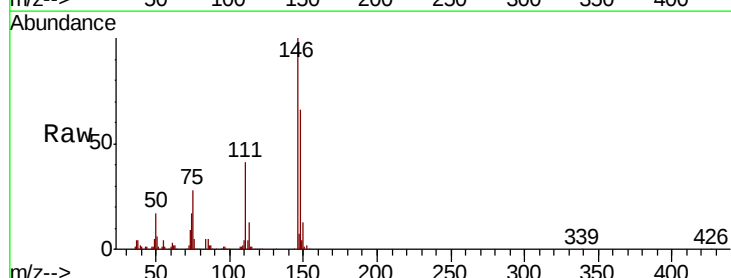
Manual Integrations
 APPROVED

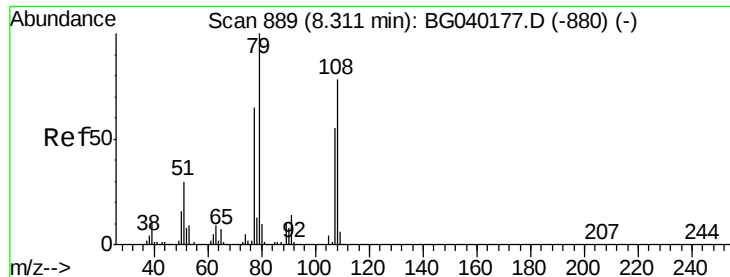
Sohil
 3/29/2019 4:45:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.337 ng
 RT: 8.42 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.8	76.2
111	41.2	33.4	50.0





#15

Benzyl Alcohol

Concen: 37.147 ng

RT: 8.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

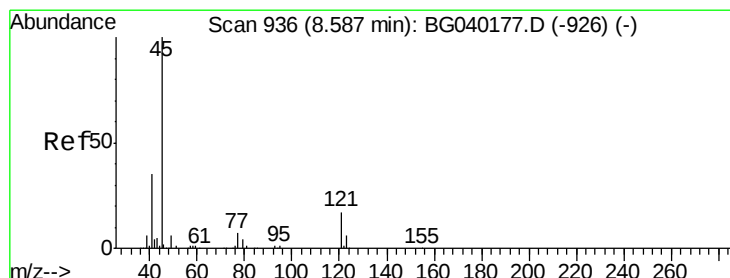
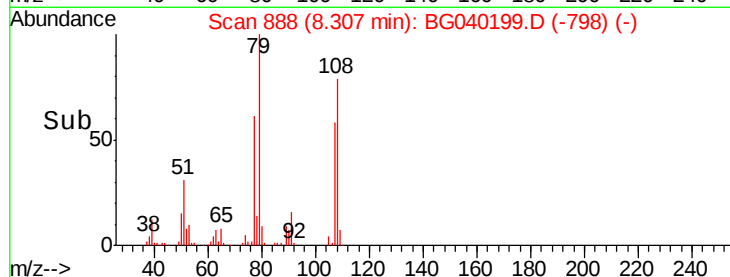
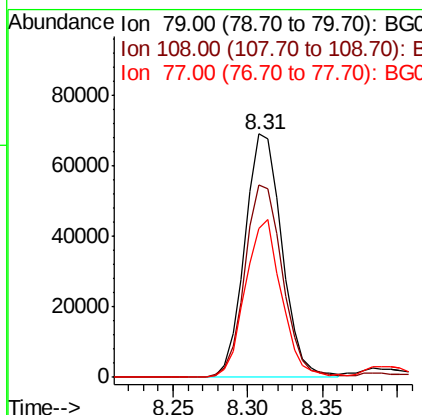
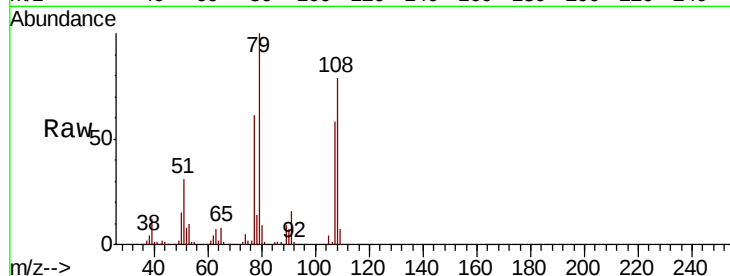
ClientSampleId :

PB118351BS

Tot Ion:	79	Resp:	118759
Ion Ratio	Lower	Upper	
79	100		
108	79.0	62.1	93.1
77	60.9	51.9	77.9

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.269 ng

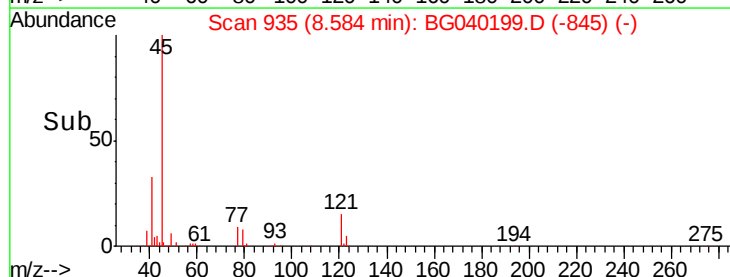
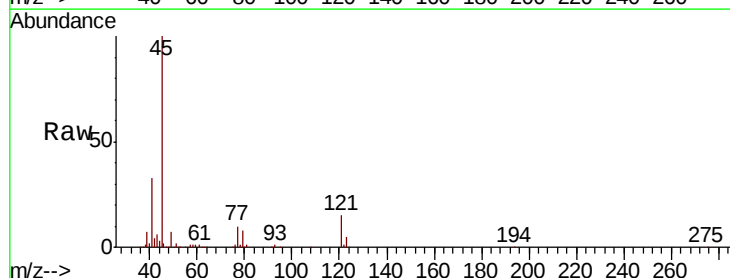
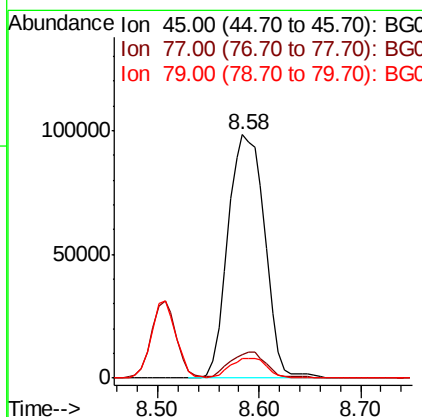
RT: 8.58 min Scan# 935

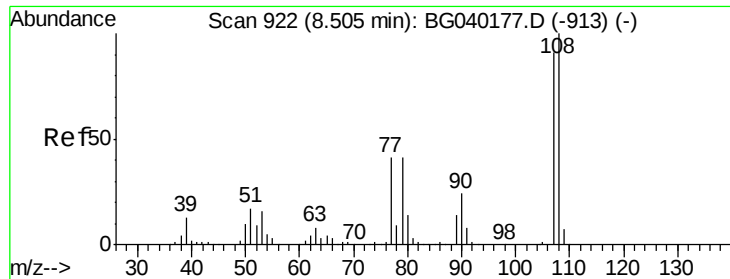
Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Tgt Ion:	45	Resp:	246844
Ion Ratio	Lower	Upper	
45	100		
77	9.6	0.0	31.4
79	8.1	0.0	28.3





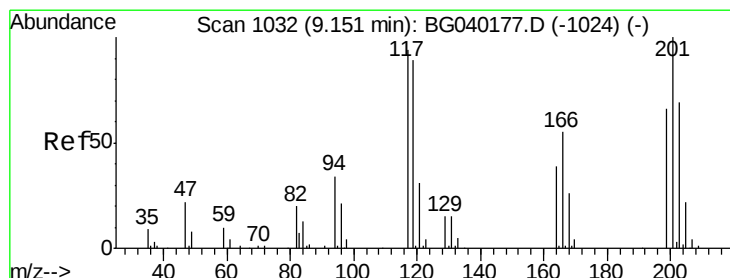
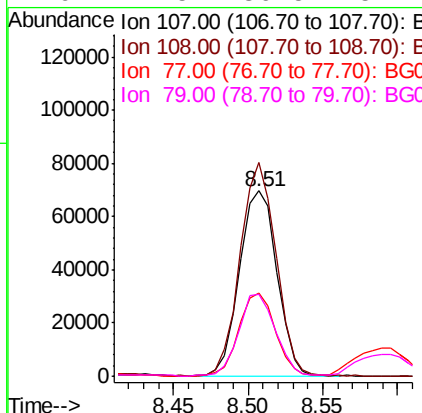
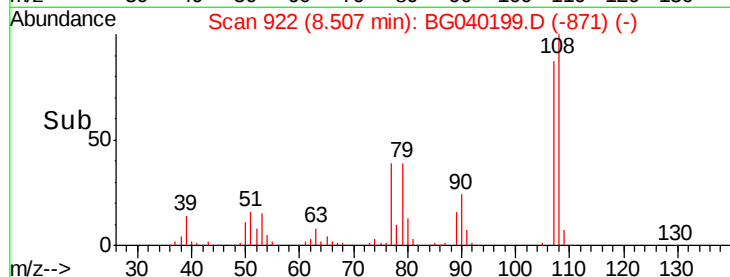
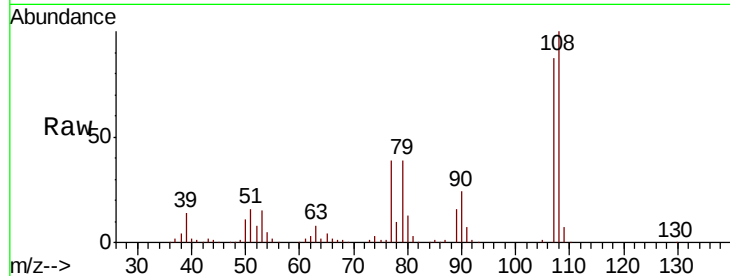
#17
2-Methylphenol
Concen: 40.897 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.1	88.2	132.4
77	45.1	36.6	55.0
79	44.5	36.5	54.7

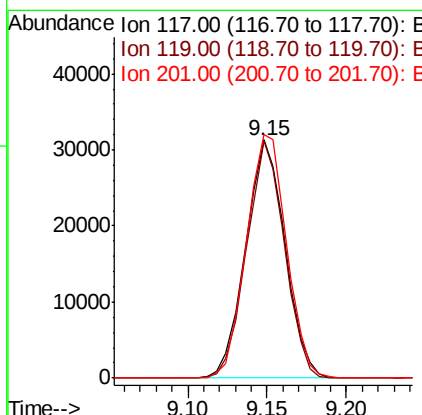
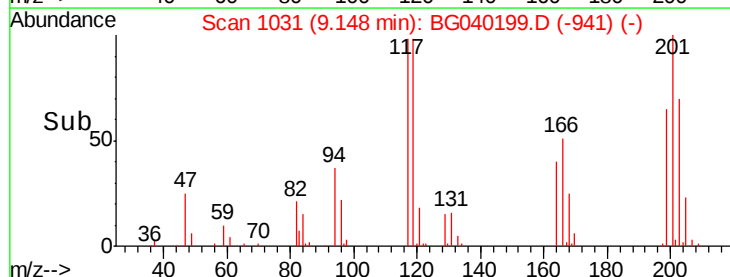
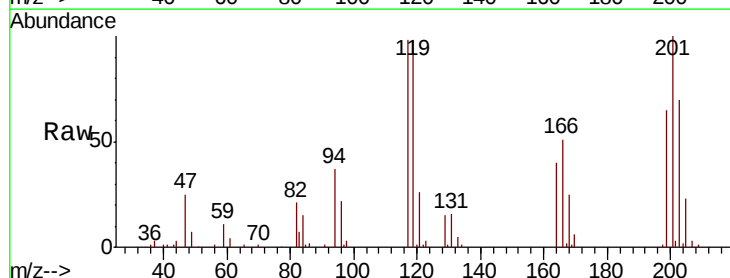
Manual Integrations
APPROVED

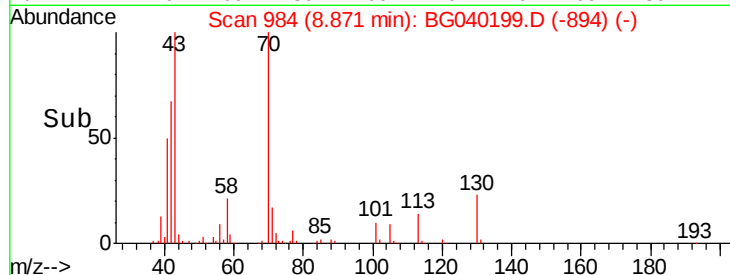
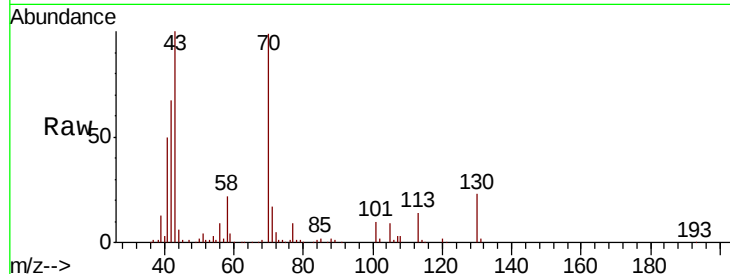
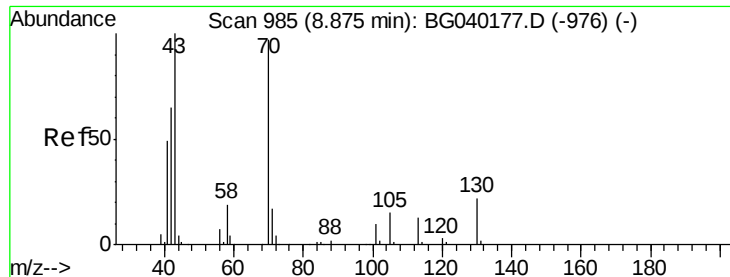
Sohil
3/29/2019 4:45:24 PM



#18
Hexachloroethane
Concen: 39.045 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	76.6	115.0
201	105.2	85.0	127.4





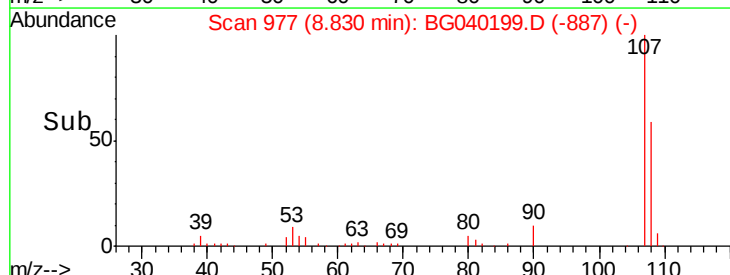
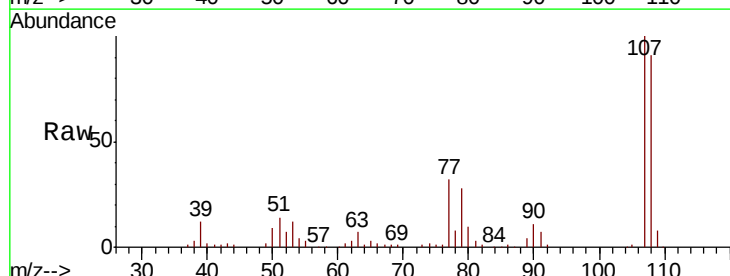
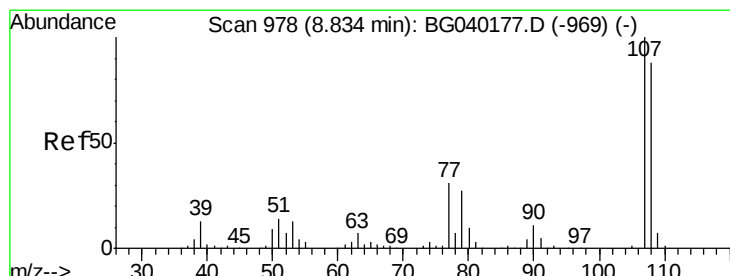
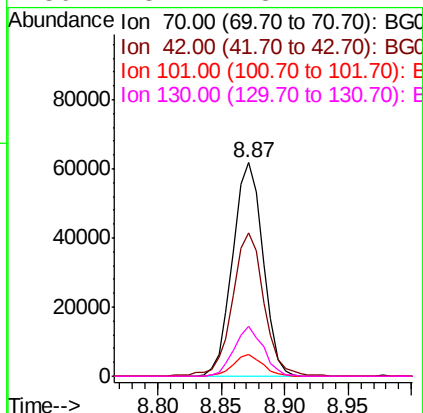
#19
n-Nitroso-di-n-propylamine
Concen: 35.965 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.0	54.0	81.0	
101	10.0	8.6	13.0	
130	23.4	18.2	27.2	

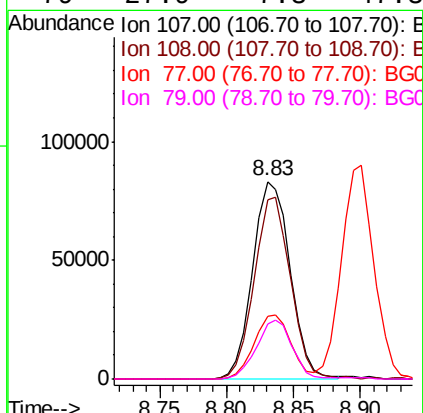
Manual Integrations
APPROVED

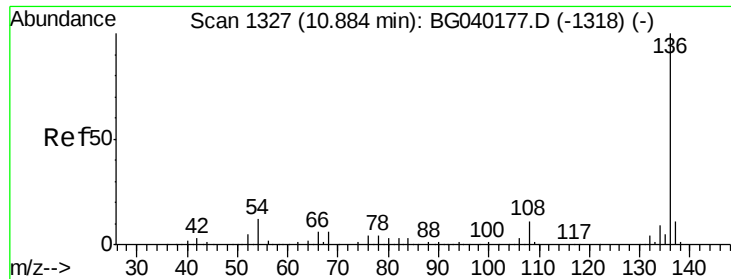
Sohil
3/29/2019 4:45:24 PM



#20
3+4-Methylphenols
Concen: 39.848 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	68.3	108.3	
77	31.6	11.3	51.3	
79	27.9	7.3	47.3	





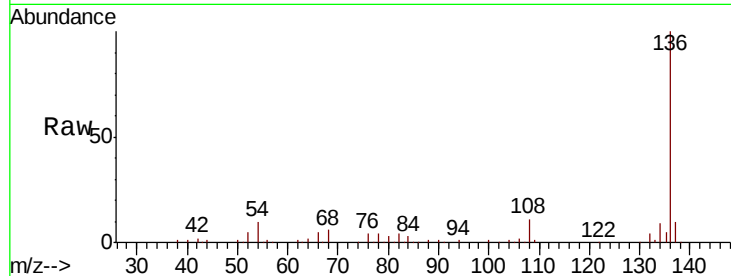
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	190564		
137	10.5	8.9	13.3	
54	10.3	9.6	14.4	
68	6.2	5.1	7.7	

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



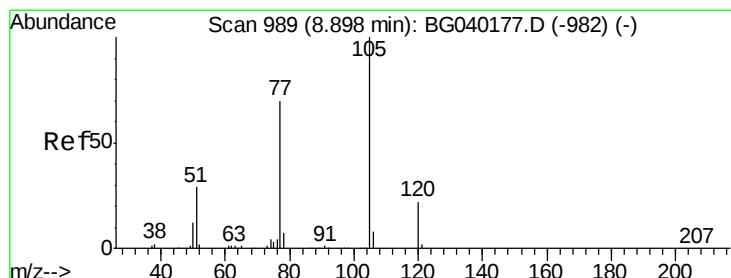
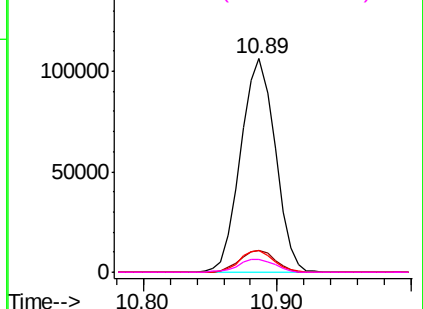
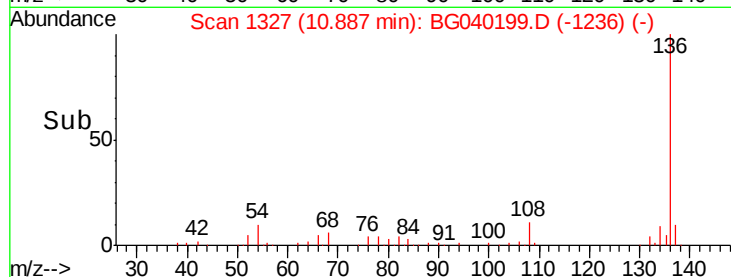
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

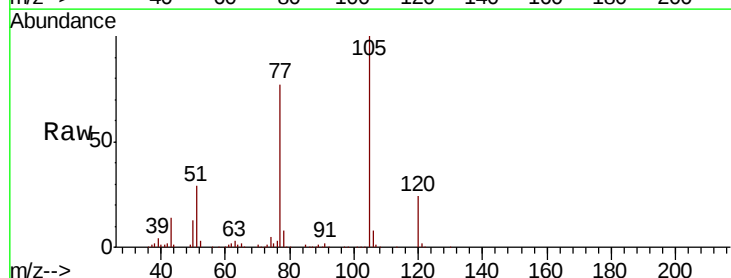
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.079 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200026		
71	0.2	0.6	1.0#	
51	29.1	25.1	37.7	
120	23.6	17.6	26.4	



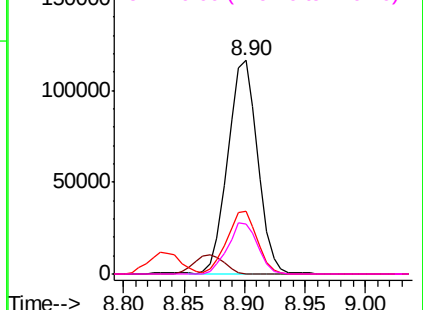
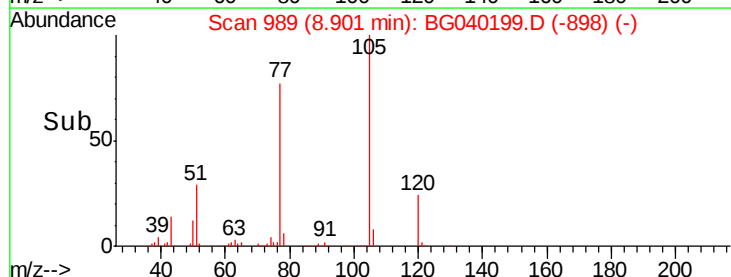
Abundance

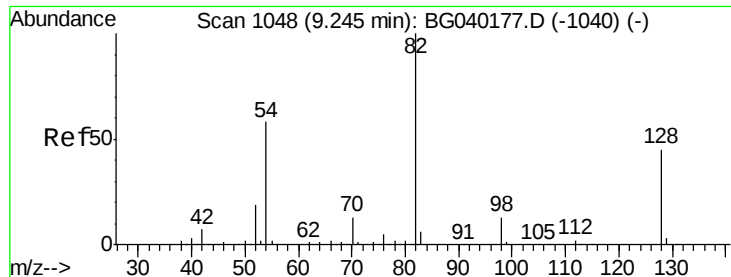
Ion 105.00 (104.70 to 105.70): E

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





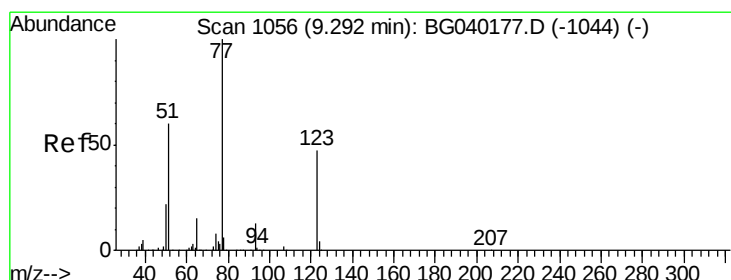
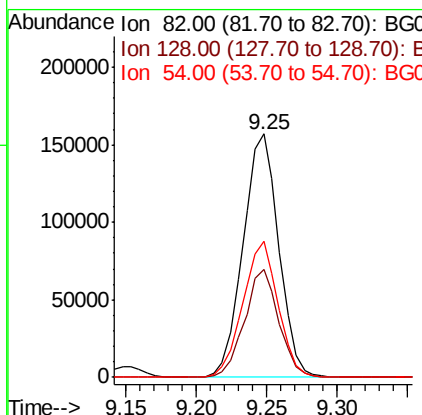
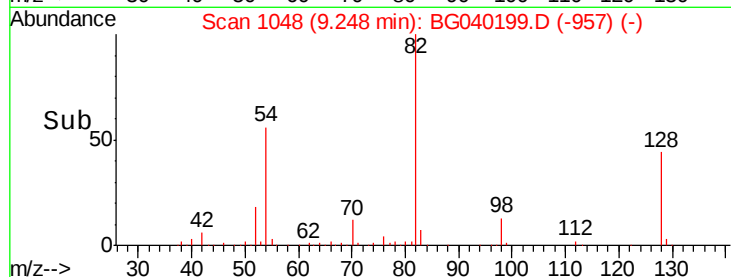
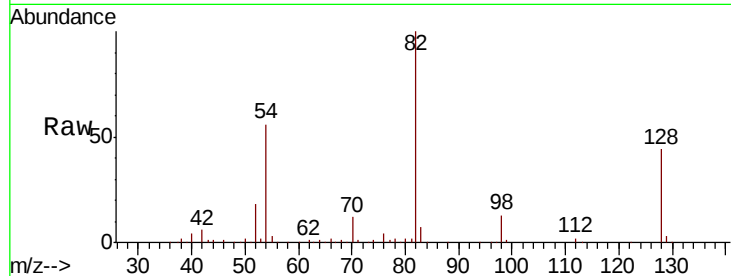
#23
Nitrobenzene-d5
Concen: 77.464 ng
RT: 9.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.8	53.8
54	55.8	46.2	69.2

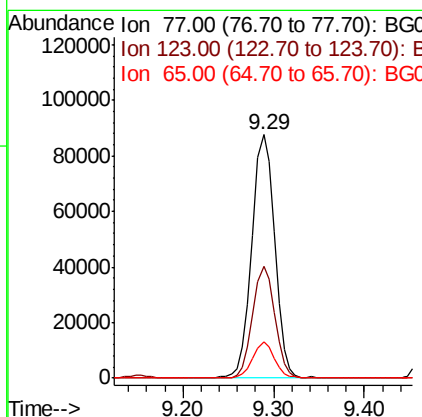
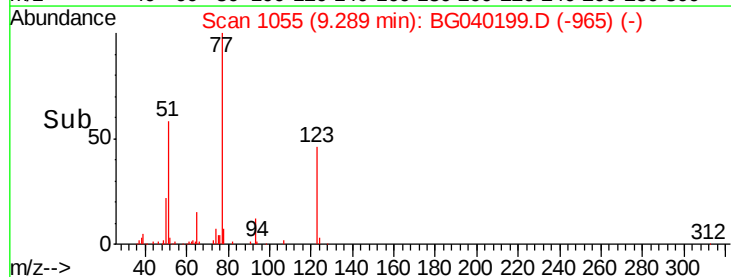
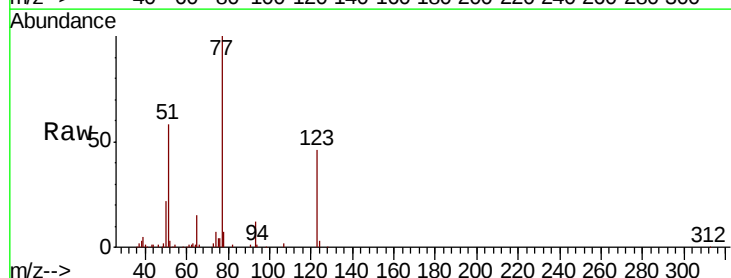
Manual Integrations
APPROVED

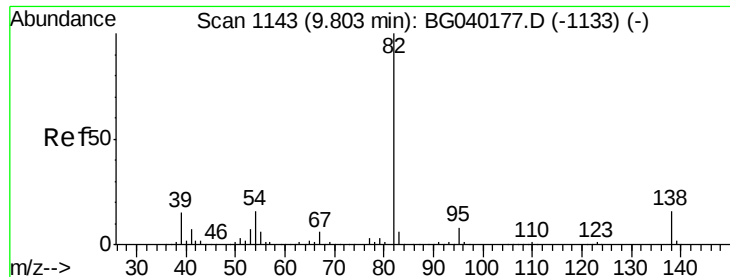
Sohil
3/29/2019 4:45:24 PM



#24
Nitrobenzene
Concen: 41.505 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	37.8	56.6
65	15.1	12.0	18.0





#25

Isophorone

Concen: 39.338 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

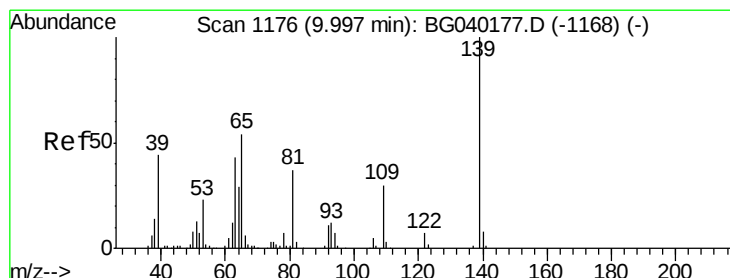
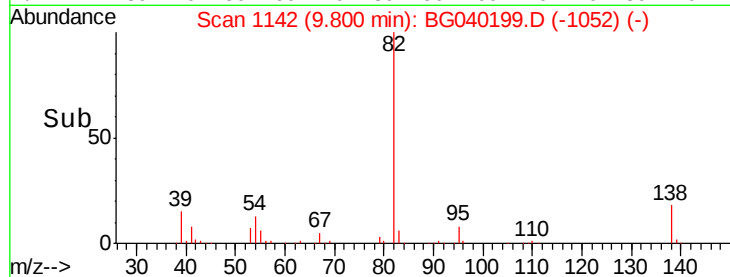
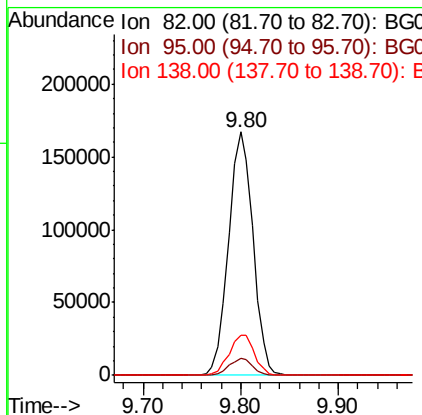
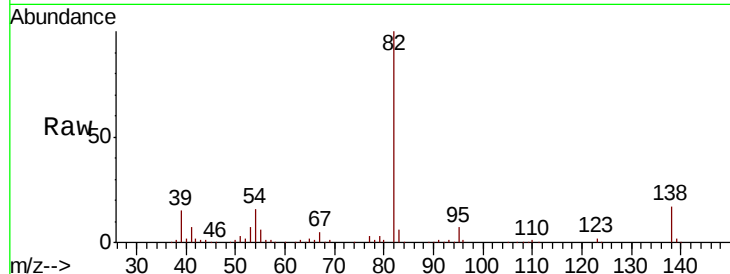
ClientSampleId :

PB118351BS

Tot Ion:	82	Resp:	290184
Ion Ratio	Lower	Upper	
82	100		
95	7.1	6.1	9.1
138	16.6	13.2	19.8

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



#26

2-Nitrophenol

Concen: 38.815 ng

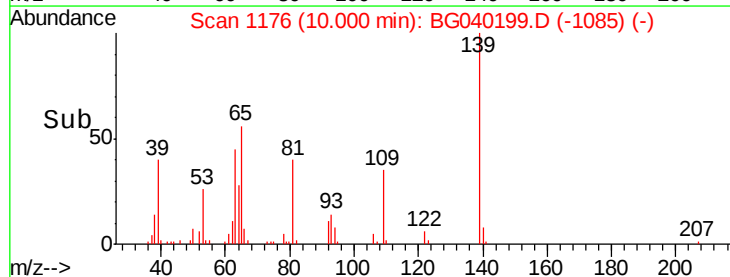
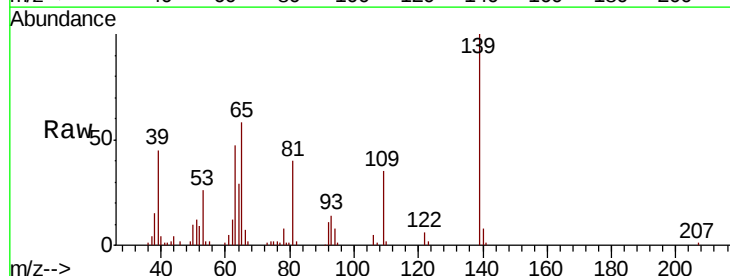
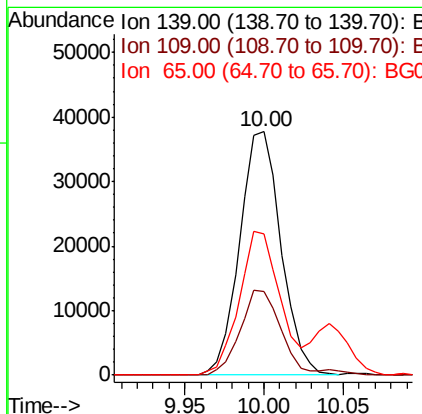
RT: 10.00 min Scan# 1176

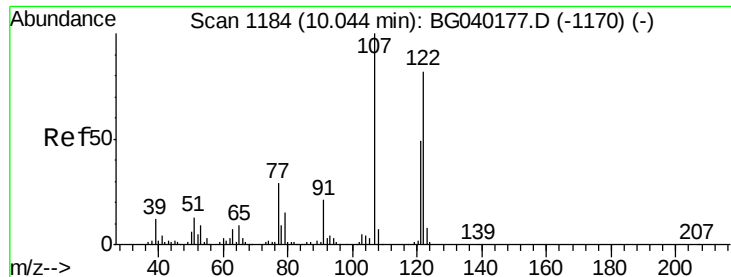
Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Tgt Ion:	139	Resp:	68281
Ion Ratio	Lower	Upper	
139	100		
109	34.5	24.1	36.1
65	57.8	43.0	64.6





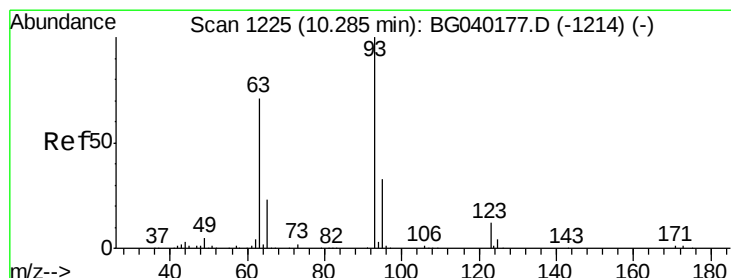
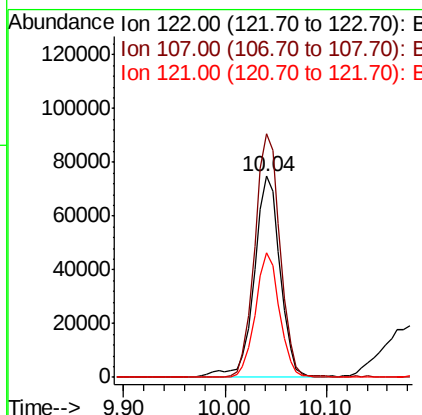
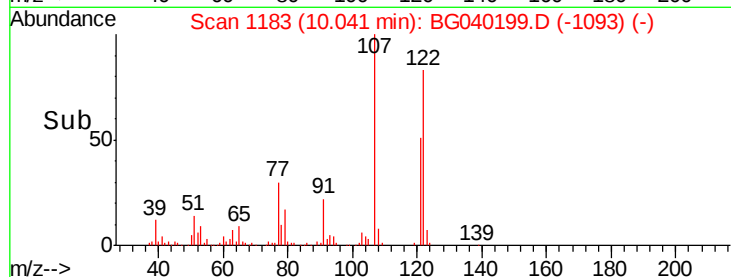
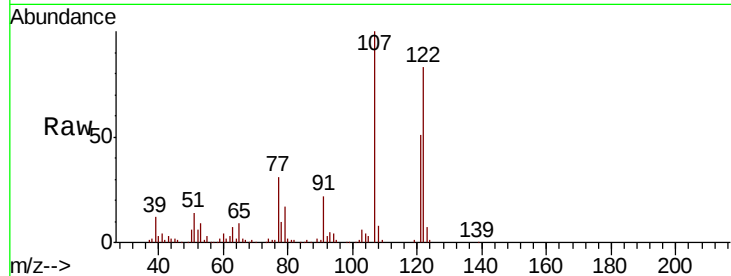
#27
 2,4-Dimethylphenol
 Concen: 47.361 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.0	97.4	146.2
121	61.9	47.7	71.5

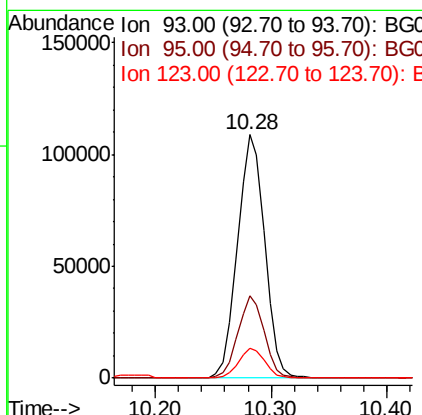
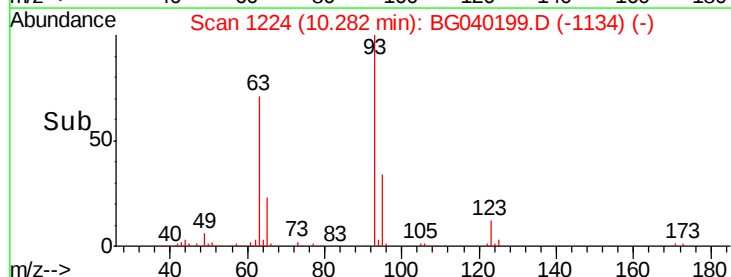
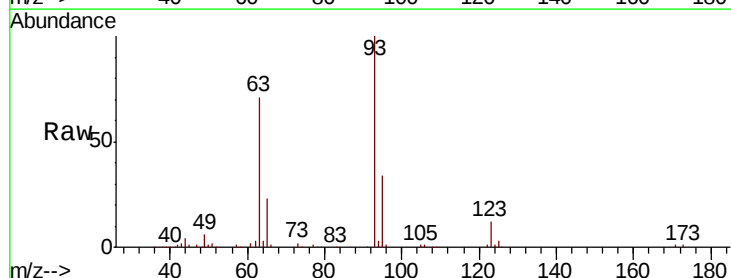
Manual Integrations
 APPROVED

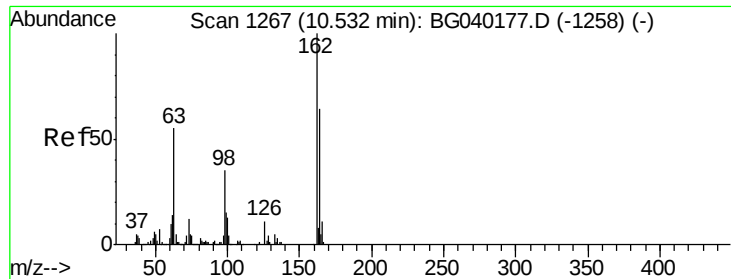
Sohil
 3/29/2019 4:45:24 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.637 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.2	39.4
123	12.0	9.4	14.0





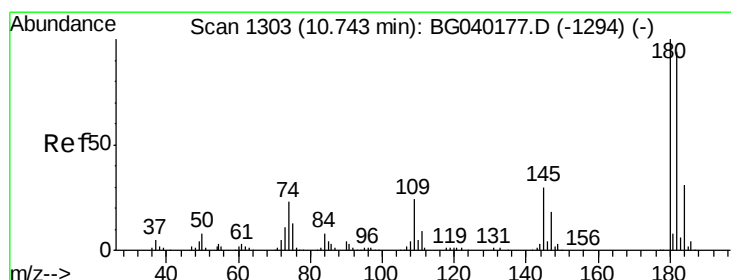
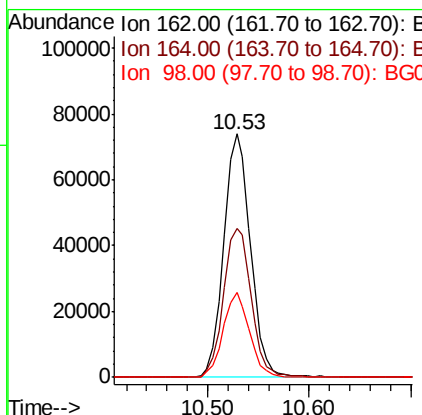
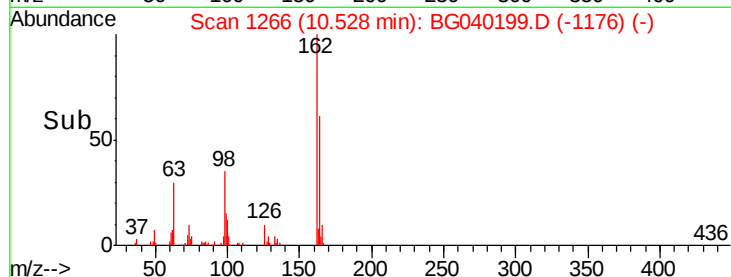
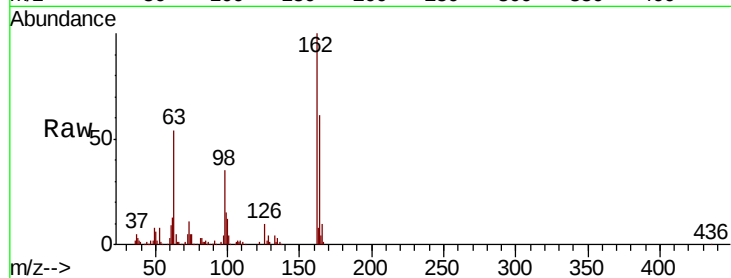
#29
2,4-Dichlorophenol
Concen: 44.550 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampled :
PB118351BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	61.2	43.9	83.9	
98	35.0	15.6	55.6	

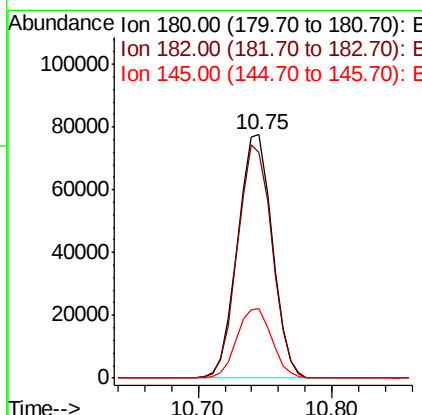
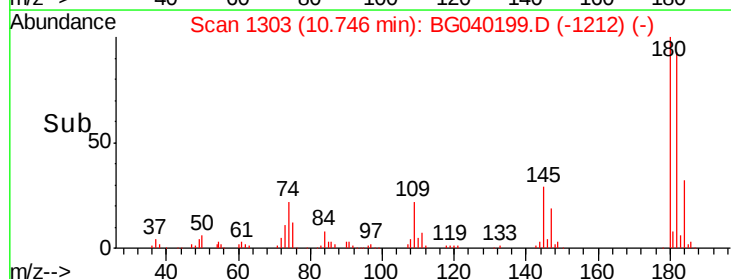
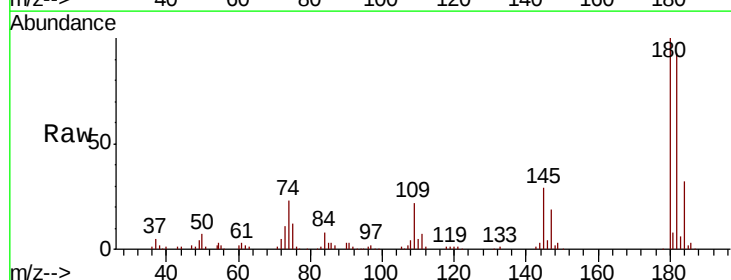
Manual Integrations
APPROVED

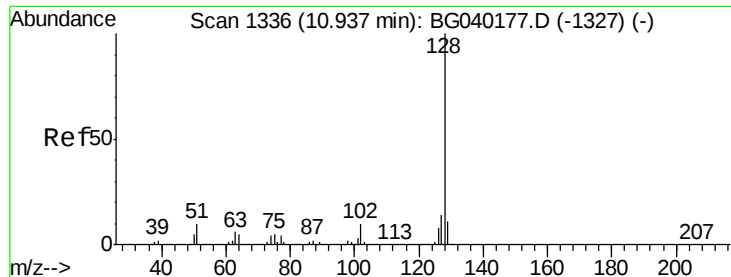
Sohil
3/29/2019 4:45:24 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.874 ng
RT: 10.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.8	75.1	112.7	
145	28.6	24.1	36.1	





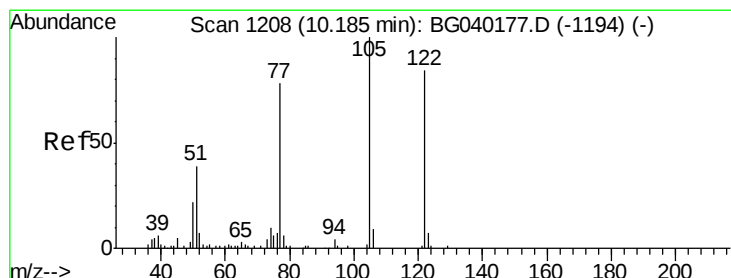
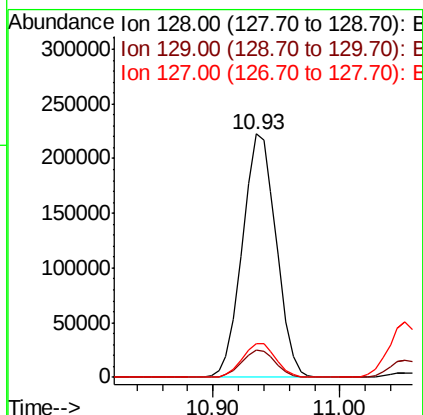
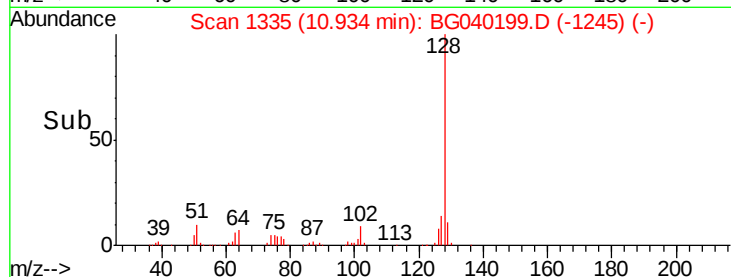
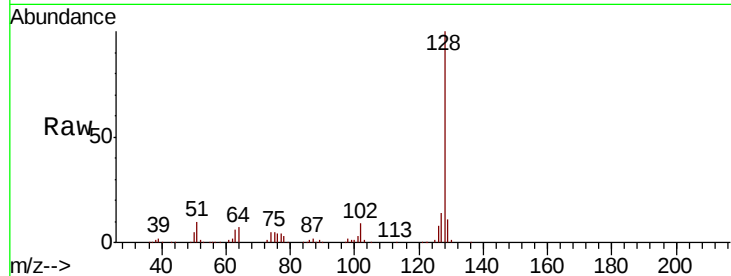
#31
Naphthalene
Concen: 42.131 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.7	11.4	17.0

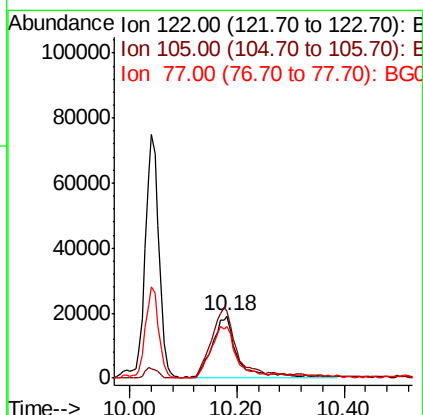
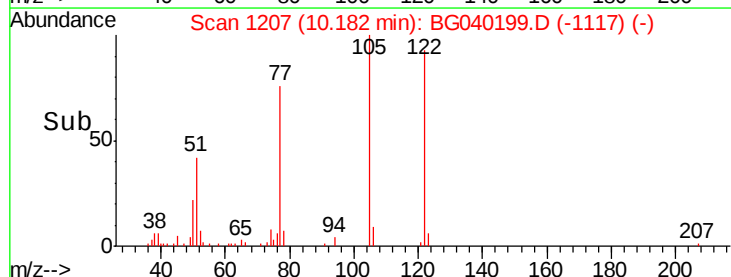
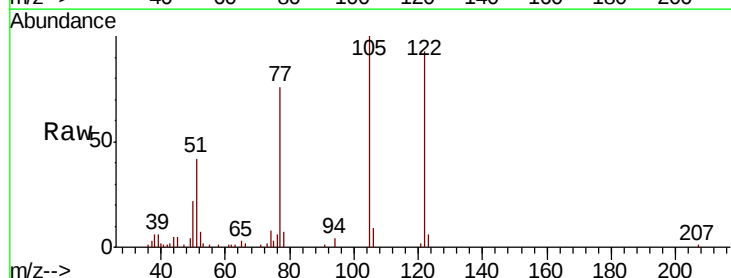
Manual Integrations
APPROVED

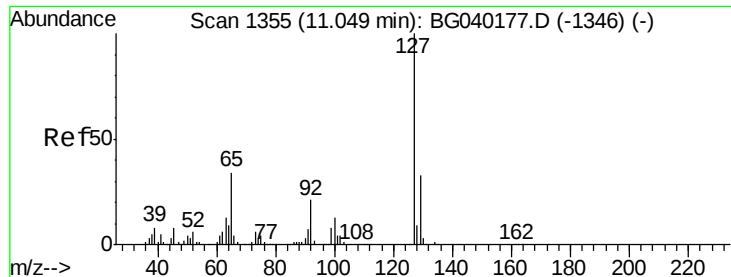
Sohil
3/29/2019 4:45:24 PM



#32
Benzoic acid
Concen: 37.926 ng m
RT: 10.18 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.0	98.2	138.2
77	82.2	73.6	113.6





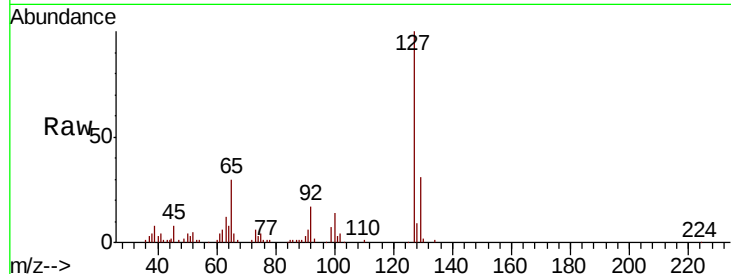
#33
4-Chloroaniline
Concen: 23.133 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.6	40.0
65	30.5	27.0	40.4
92	17.3	16.6	25.0

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



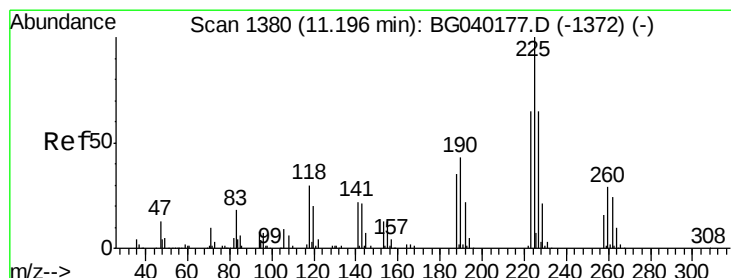
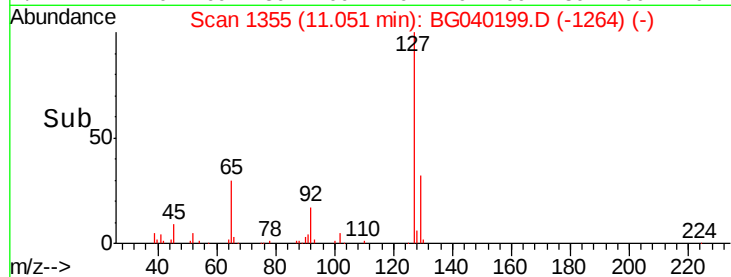
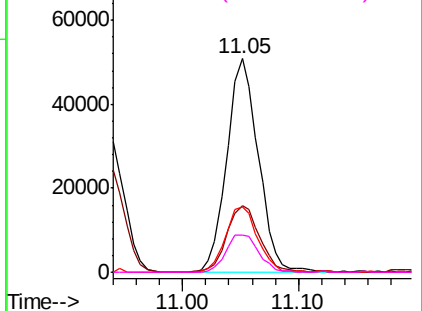
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.500 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

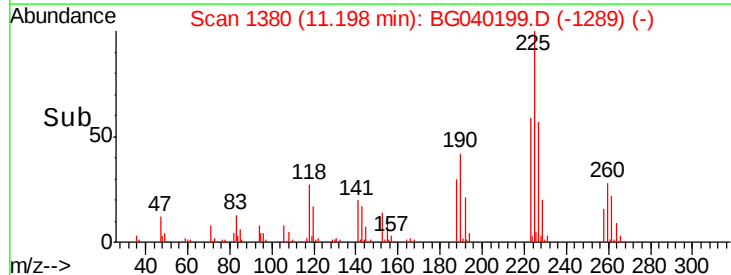
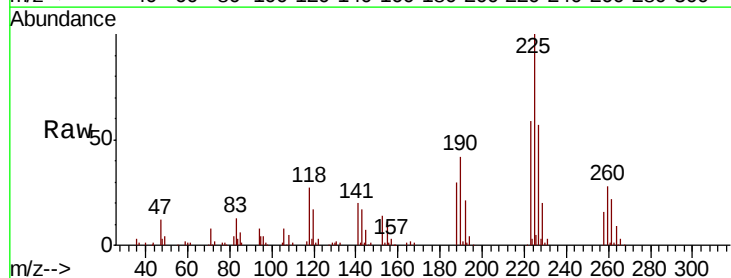
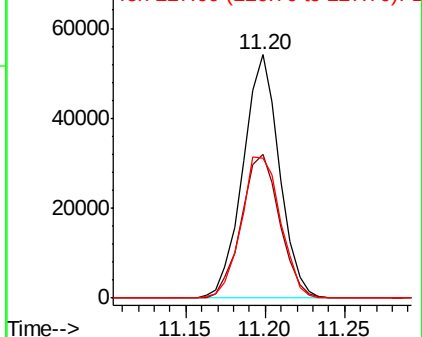
Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.1	51.8	77.8
227	57.3	54.9	82.3

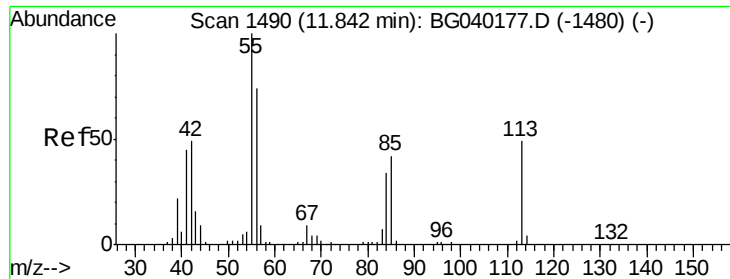
Abundance

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: 40.536 ng/ml

RT: 11.83 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleID :

PB118351BS

Tot Ion:113 Resp: 48790

Ion Ratio Lower Upper

113 100

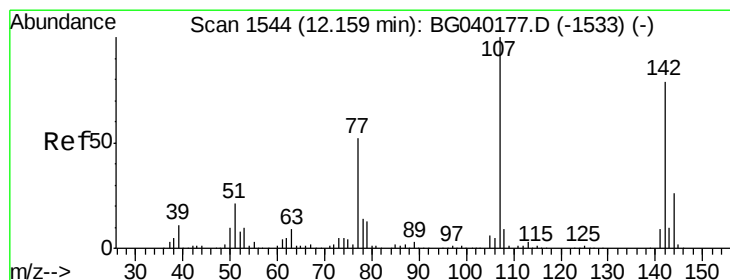
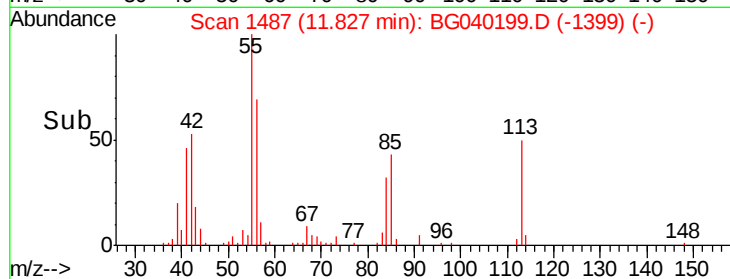
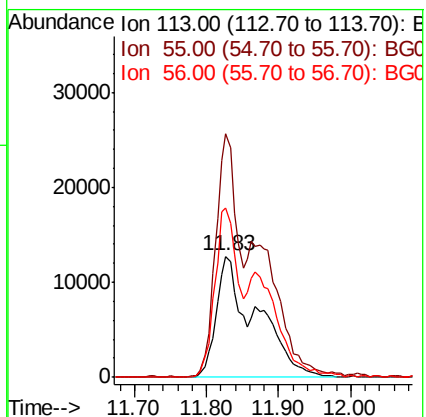
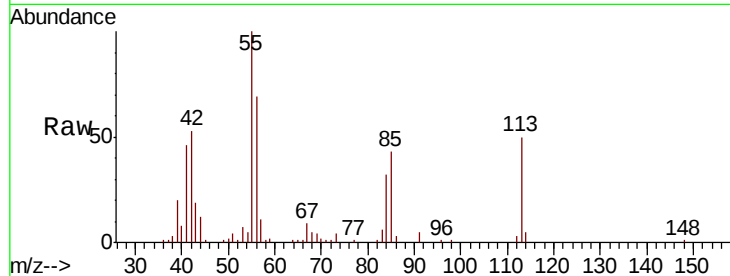
55 201.1 184.2 224.2

56 139.4 131.3 171.3

Manual Integrations
APPROVED

Sohil

3/29/2019 4:45:24 PM



#36

4-Chloro-3-methylphenol

Concen: 42.476 ng/ml

RT: 12.16 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

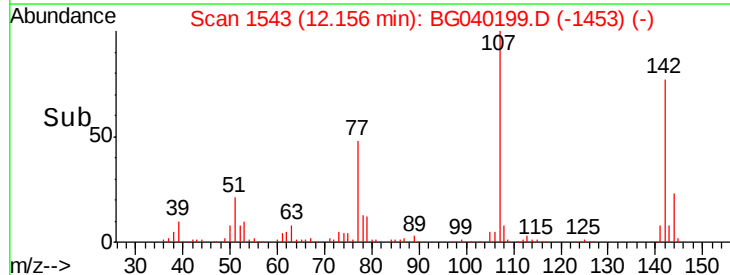
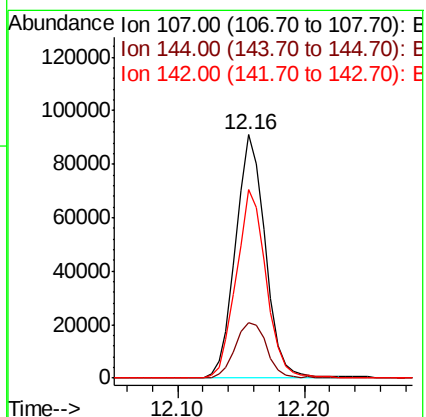
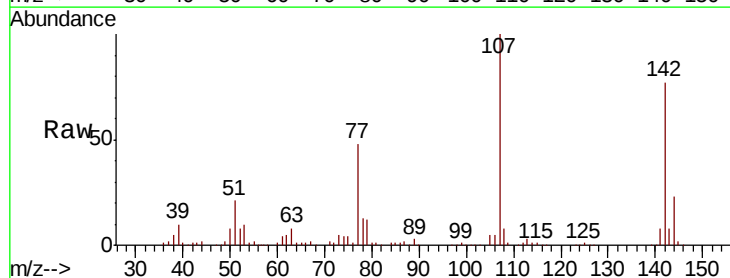
Tgt Ion:107 Resp: 148108

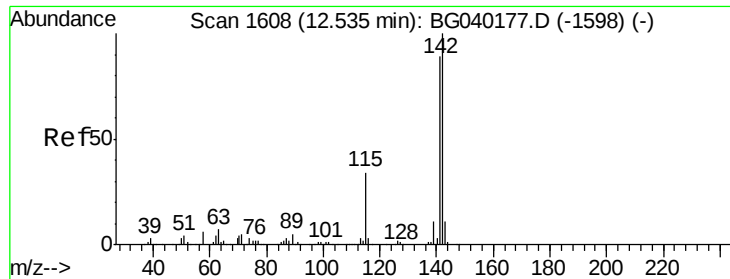
Ion Ratio Lower Upper

107 100

144 22.9 20.5 30.7

142 77.4 63.1 94.7





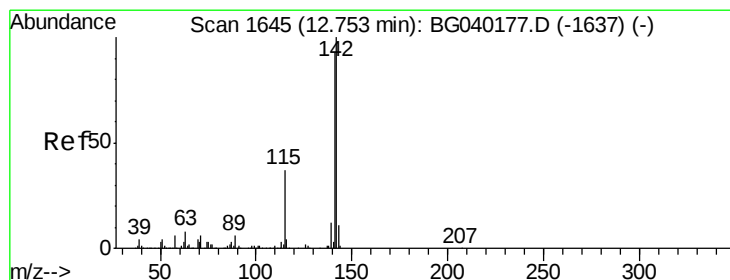
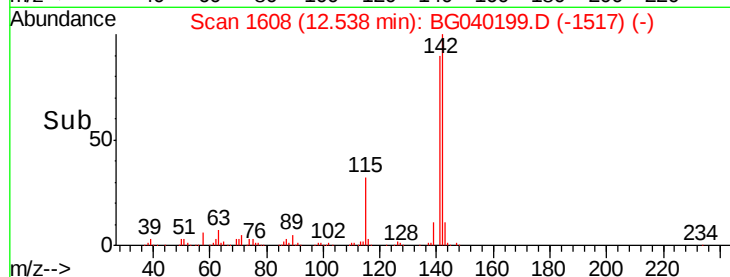
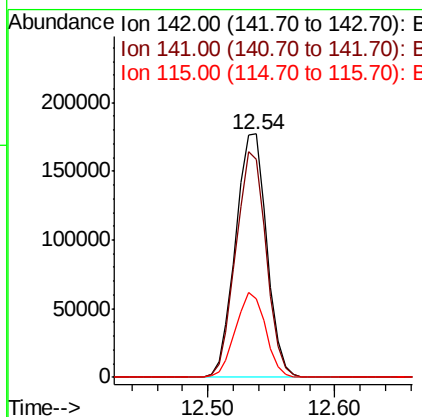
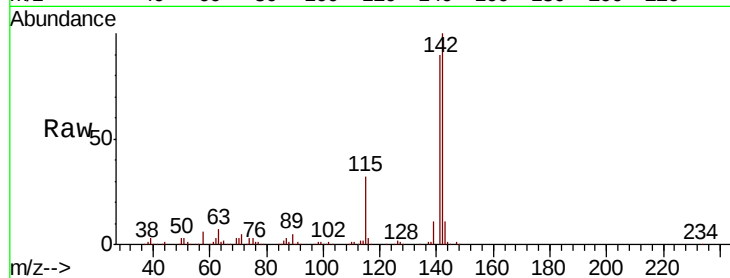
#37
2-Methylnaphthalene
Concen: 41.809 ng
RT: 12.54 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	32.3	27.3	40.9

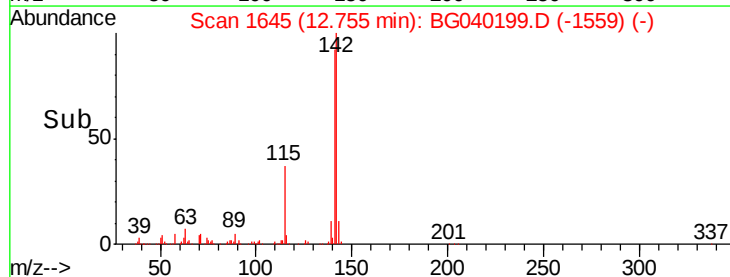
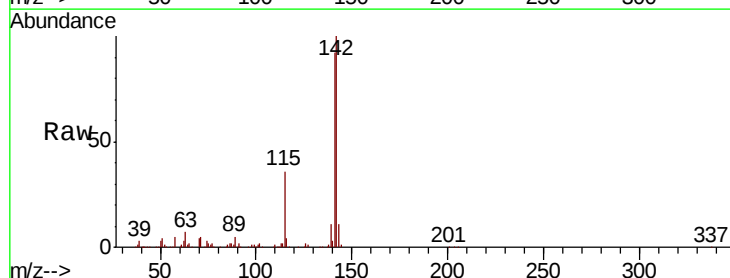
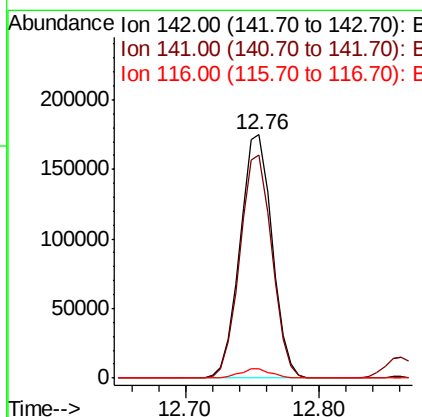
Manual Integrations
APPROVED

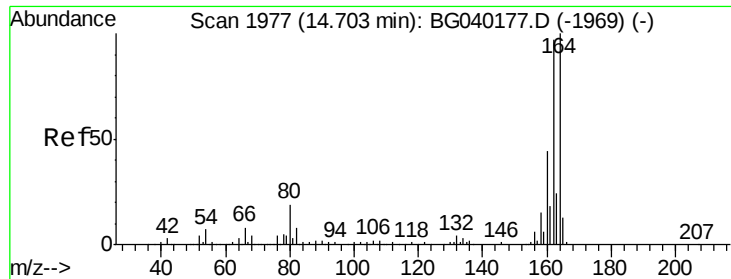
Sohil
3/29/2019 4:45:24 PM



#38
1-Methylnaphthalene
Concen: 41.371 ng
RT: 12.76 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	3.7	3.0	4.4





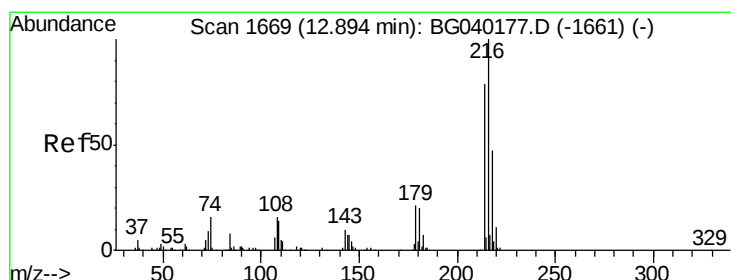
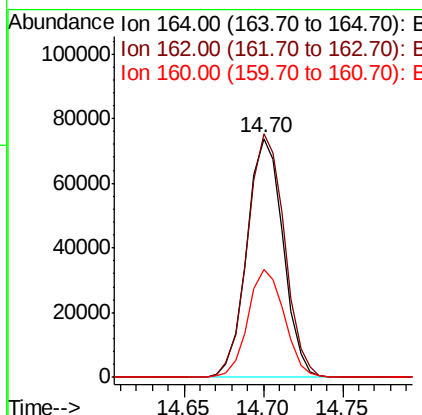
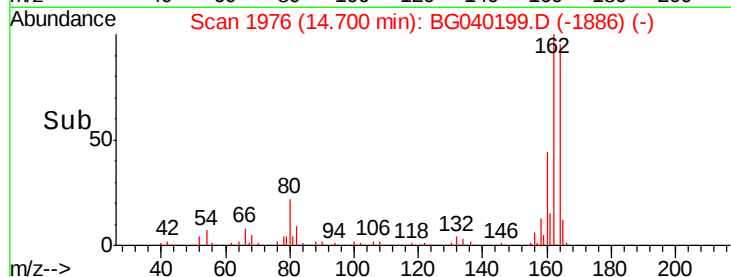
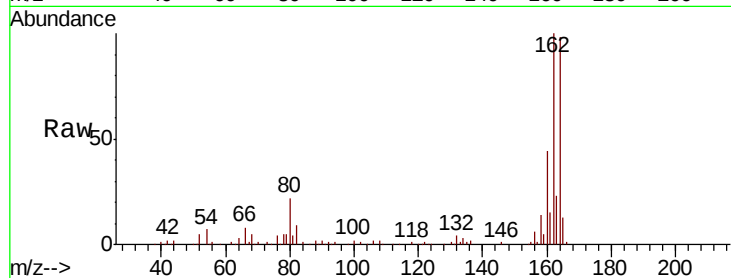
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampled :
PB118351BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	77.4	116.2
160	45.4	35.3	52.9

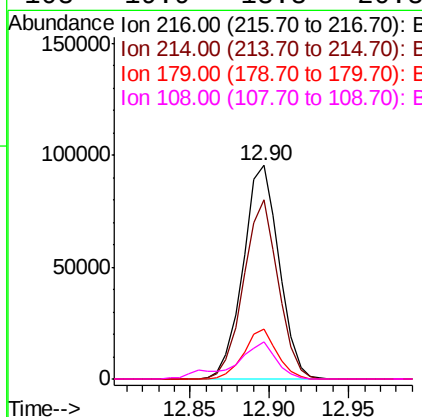
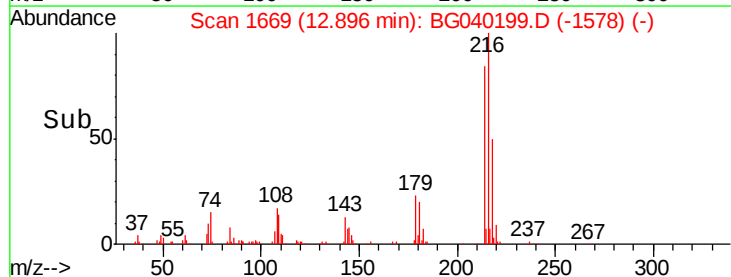
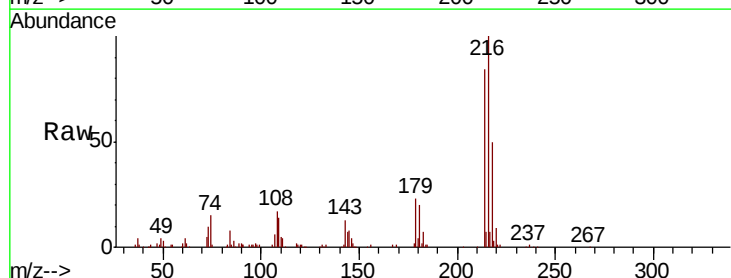
Manual Integrations
APPROVED

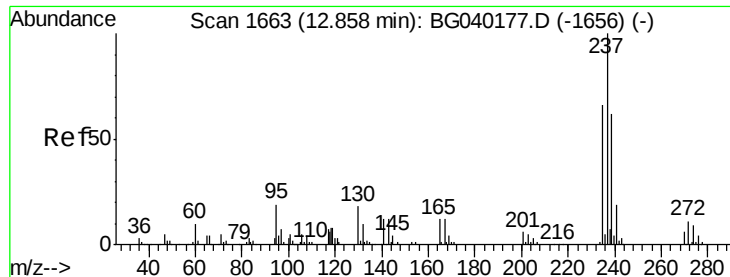
Sohil
3/29/2019 4:45:24 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.293 ng
RT: 12.90 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.5	95.3
179	21.5	16.6	25.0
108	19.9	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 98.839 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

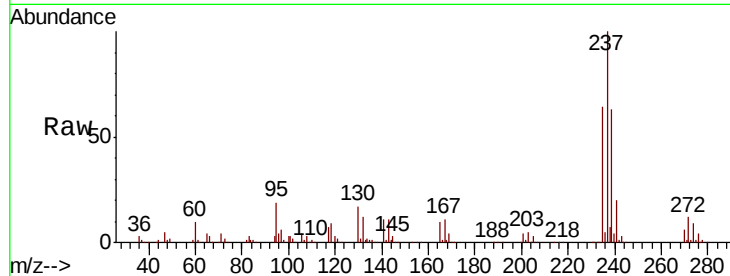
ClientSampleId :

PB118351BS

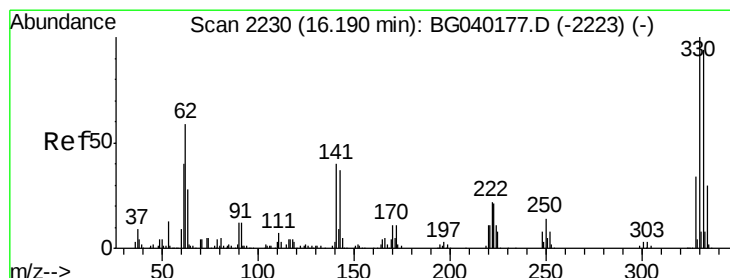
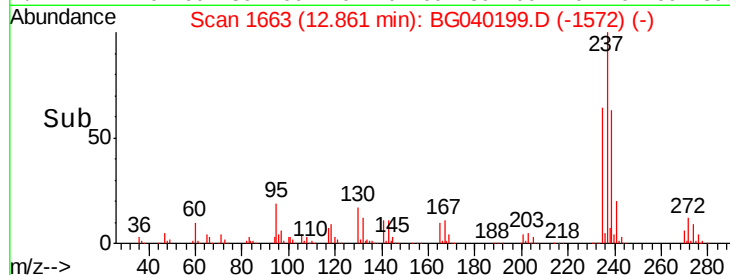
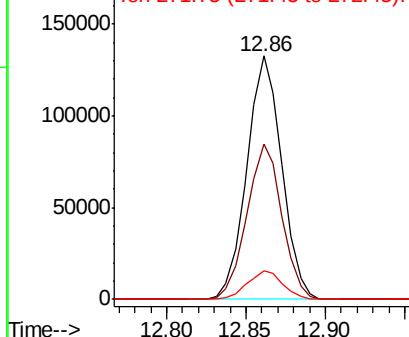
Tot Ion:	237	Resp:	202190
Ion Ratio	Lower	Upper	
237	100		
235	63.7	46.2	86.2
272	11.5	0.0	30.5

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



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: 139.058 ng

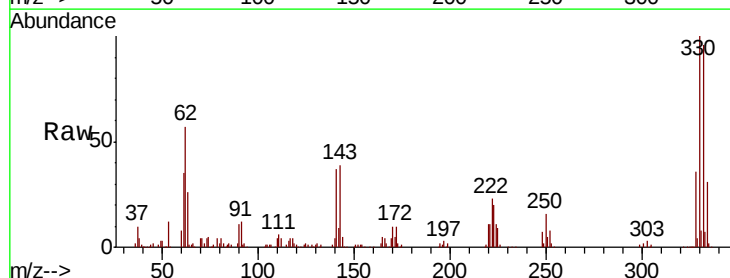
RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

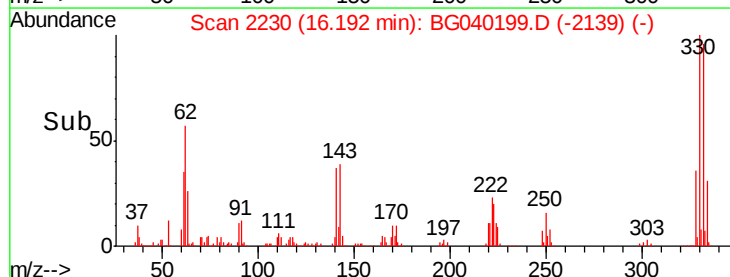
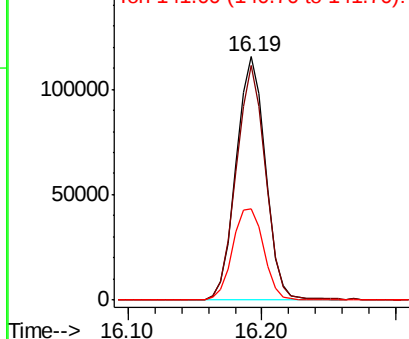
Lab File: BG040199.D

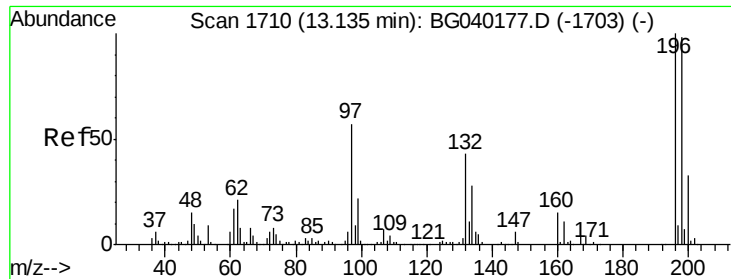
Acq: 28 Mar 2019 14:21

Tgt Ion:	330	Resp:	176164
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.6	115.0
141	39.8	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





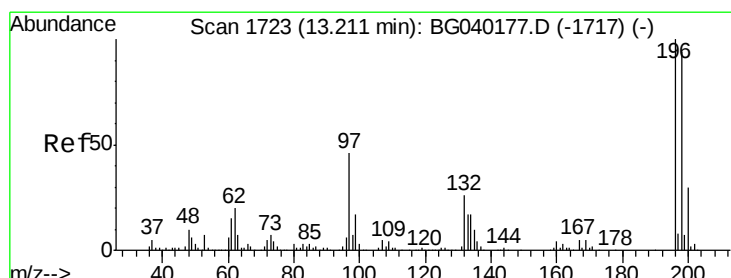
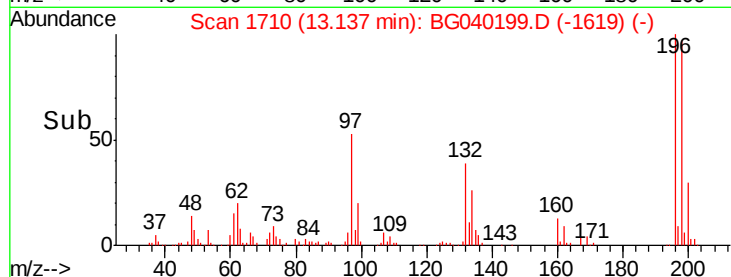
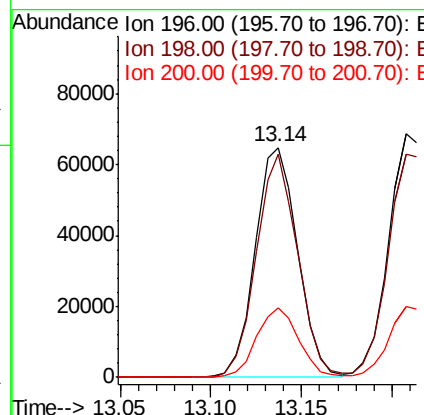
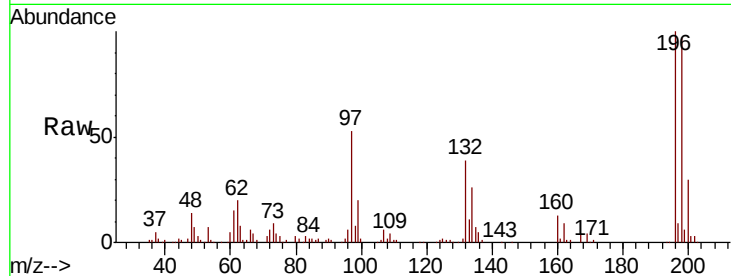
#43
 2,4,6-Trichlorophenol
 Concen: 43.883 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Instrument :
 BNA_G
 ClientSampled :
 PB118351BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	105410		
198	96.9	78.3	117.5	
200	30.2	26.0	39.0	

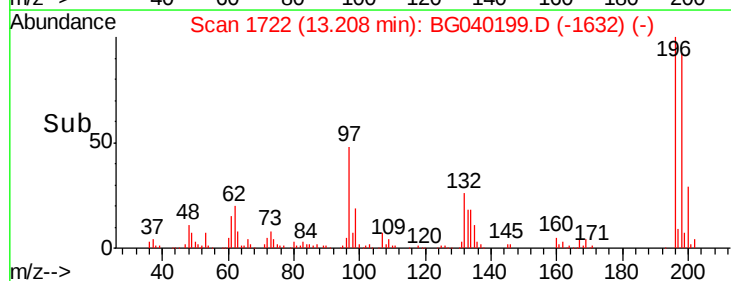
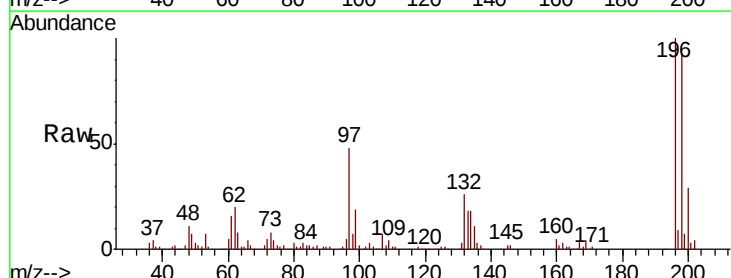
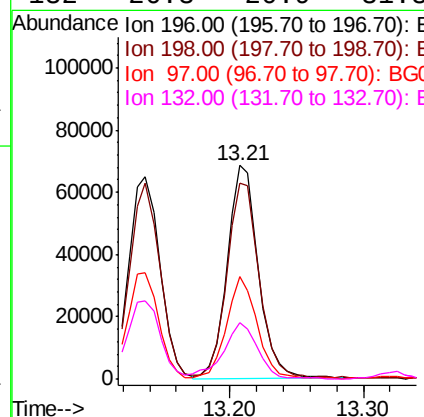
Manual Integrations
 APPROVED

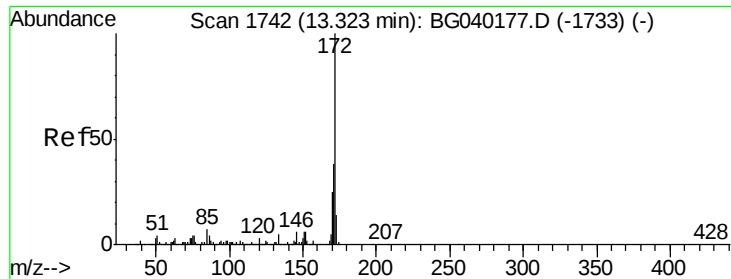
Sohil
 3/29/2019 4:45:24 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.490 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	111247		
198	91.9	75.0	112.6	
97	47.8	37.3	55.9	
132	26.3	20.9	31.3	





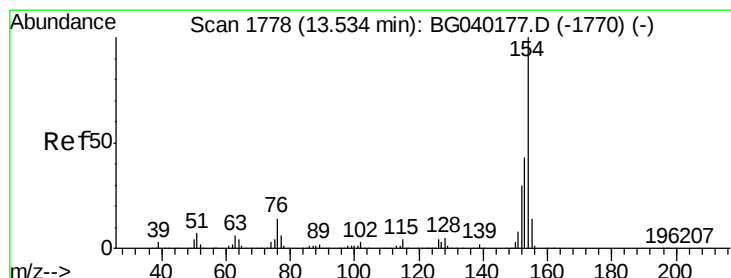
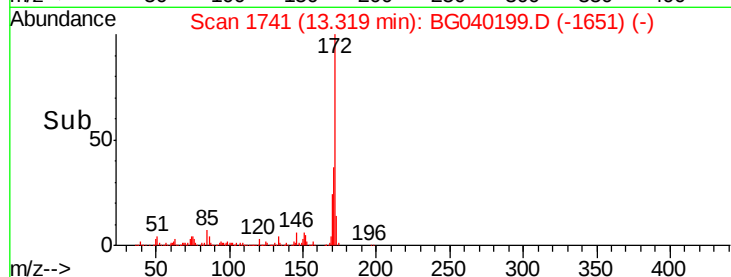
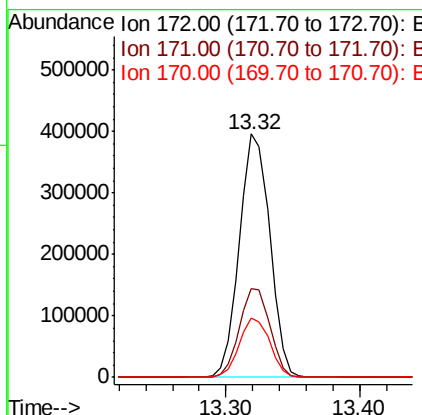
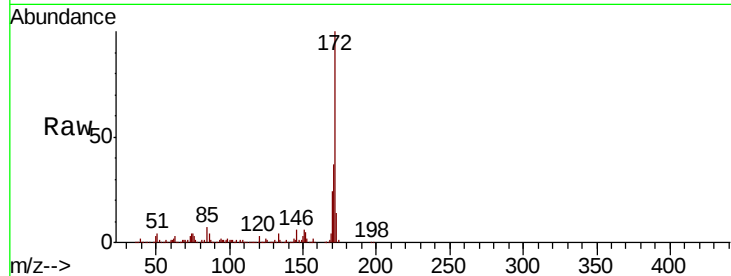
#45
2-Fluorobiphenyl
Concen: 79.038 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampled :
PB118351BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.1	20.1	30.1

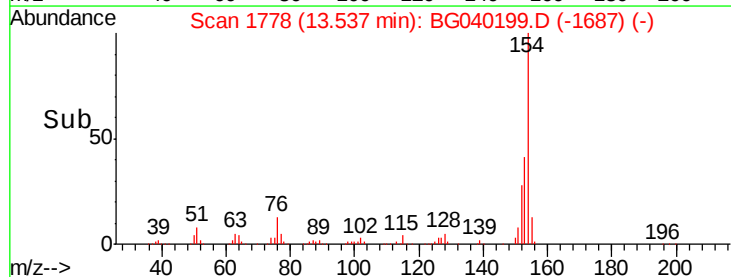
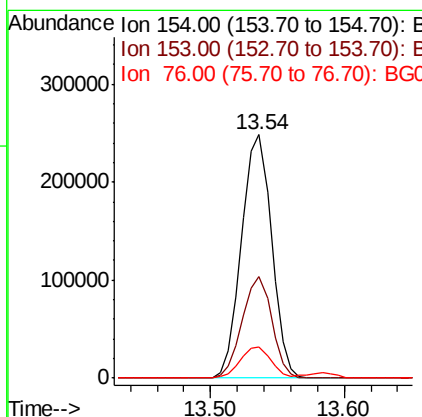
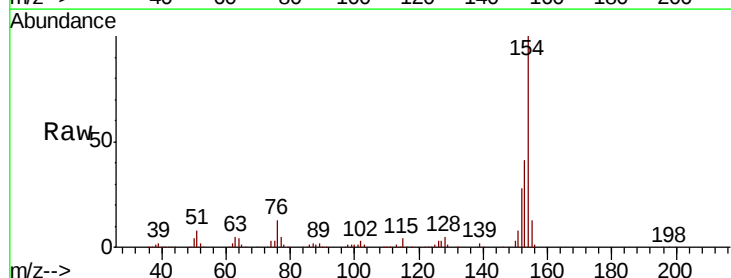
Manual Integrations
APPROVED

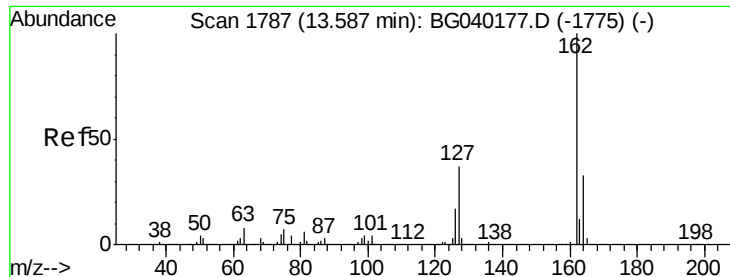
Sohil
3/29/2019 4:45:24 PM



#46
1,1'-Biphenyl
Concen: 41.815 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.5	62.5
76	12.5	0.0	33.7





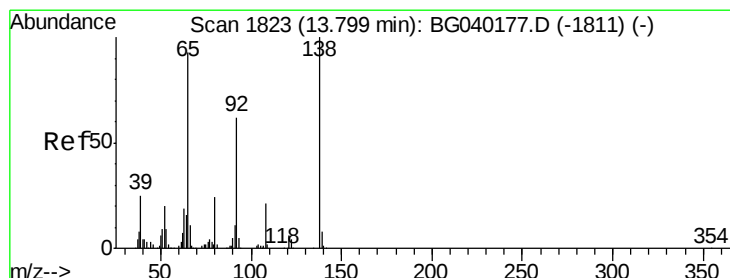
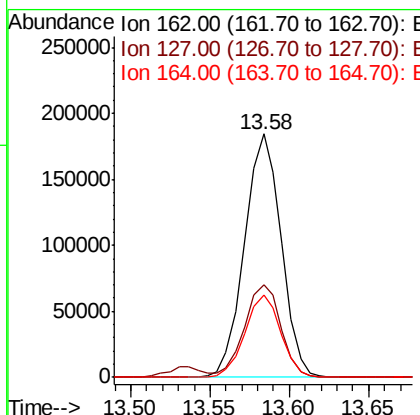
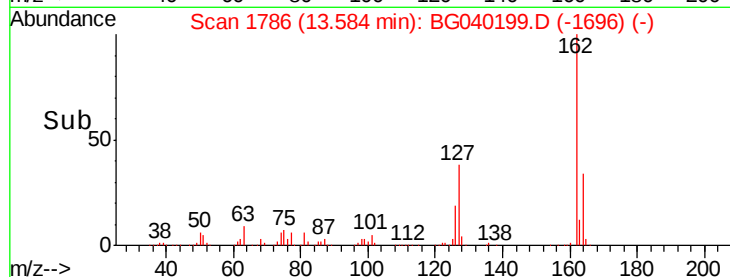
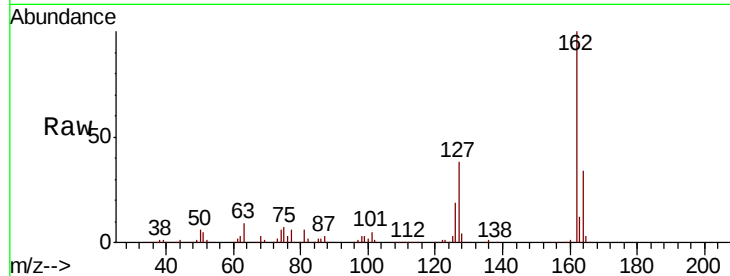
#47
 2-Chloronaphthalene
 Concen: 41.637 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

Tot Ion:	162	Resp:	295810
Ion Ratio		Lower	Upper
162	100		
127	38.2	30.6	45.8
164	33.9	26.2	39.4

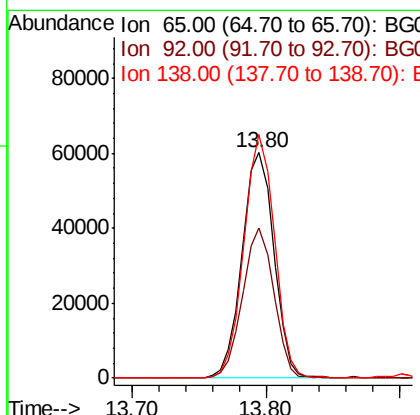
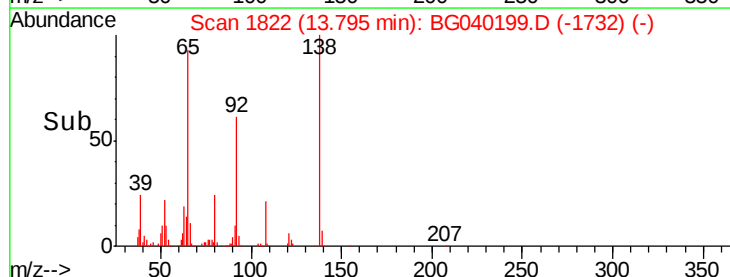
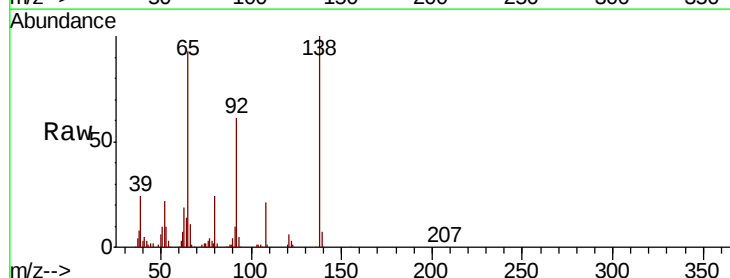
Manual Integrations
 APPROVED

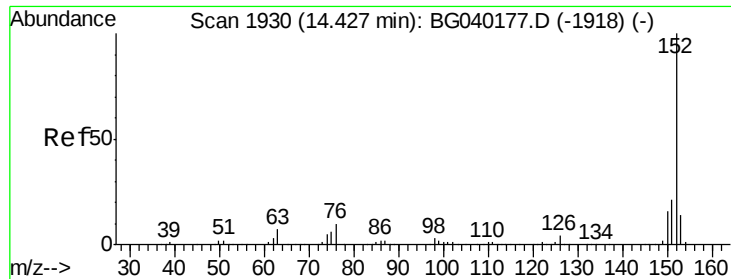
Sohil
 3/29/2019 4:45:24 PM



#48
 2-Nitroaniline
 Concen: 41.445 ng
 RT: 13.80 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion:	65	Resp:	99319
Ion Ratio		Lower	Upper
65	100		
92	66.3	53.8	80.6
138	107.9	86.3	129.5





#49

Acenaphthylene

Concen: 41.393 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

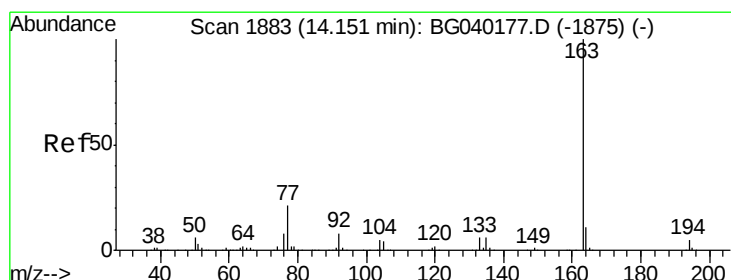
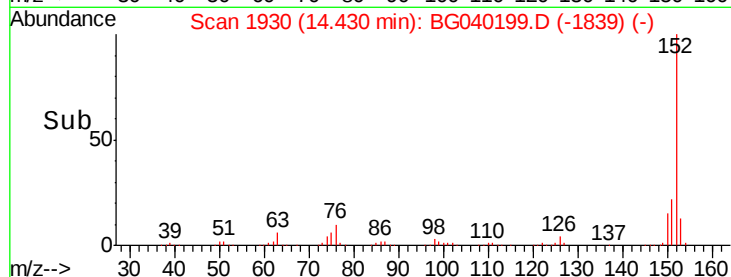
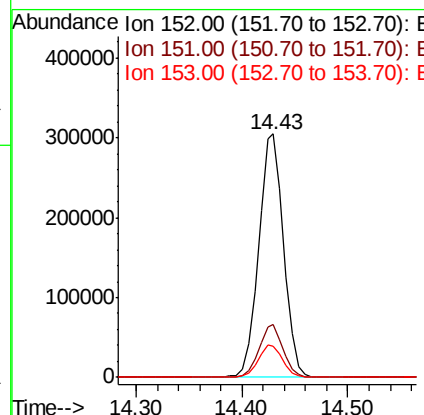
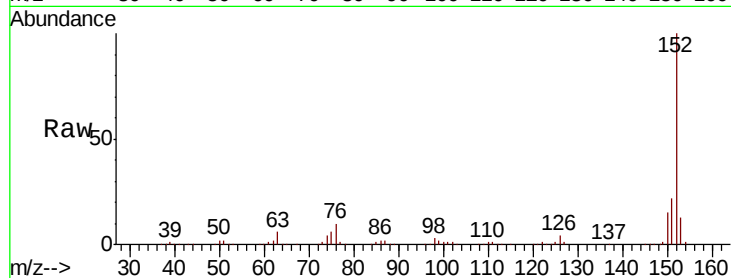
ClientSampleId :

PB118351BS

Tot Ion:	152	Resp:	498603
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.0	25.6
153	12.7	10.8	16.2

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



#50

Dimethylphthalate

Concen: 42.860 ng

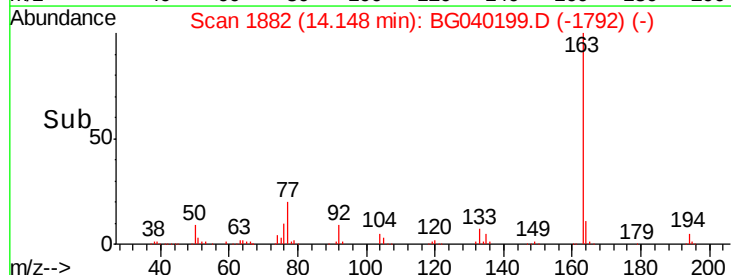
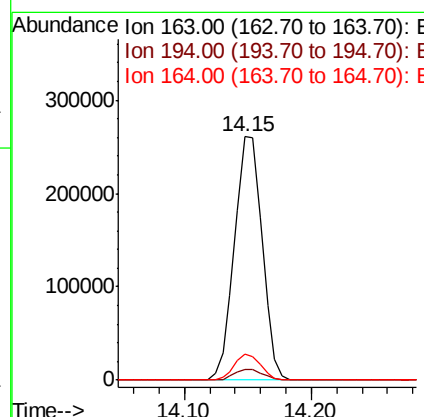
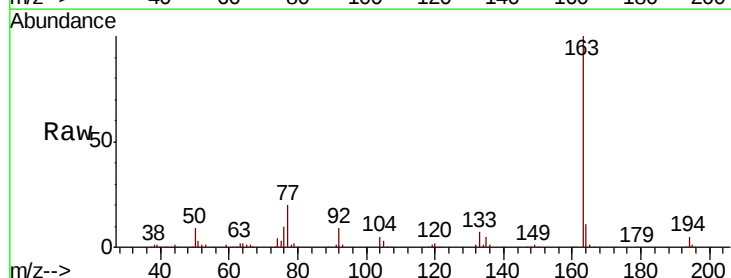
RT: 14.15 min Scan# 1882

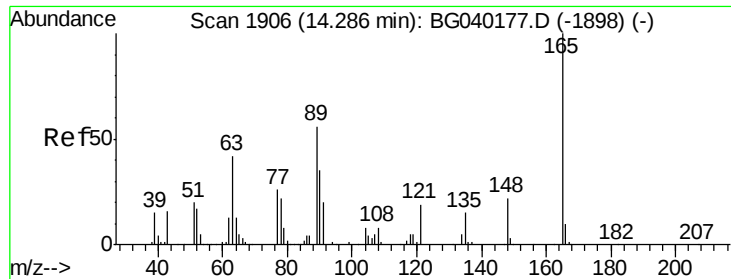
Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Tgt Ion:	163	Resp:	393198
Ion Ratio	Lower	Upper	
163	100		
194	4.6	4.1	6.1
164	10.6	8.6	13.0





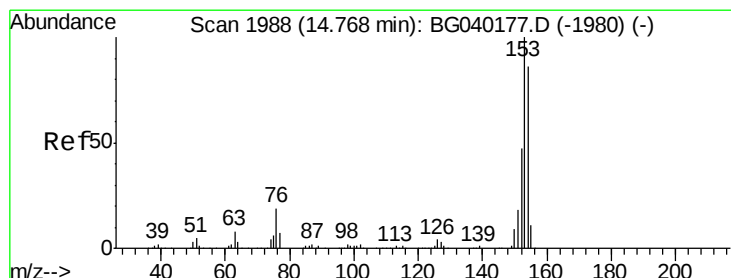
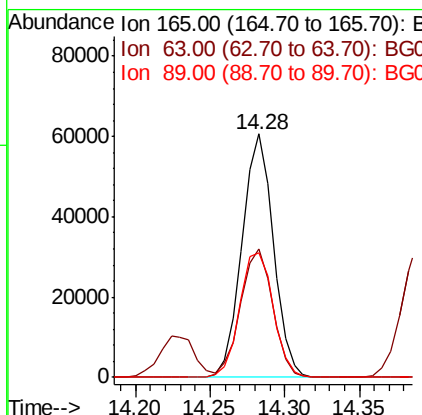
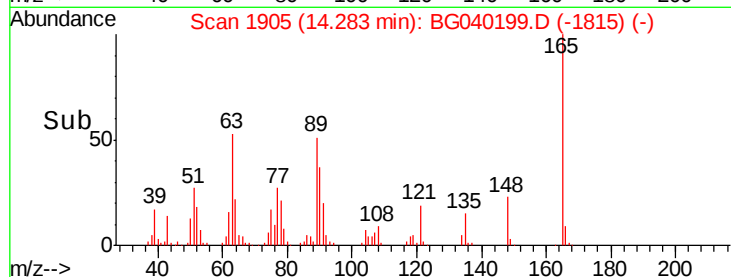
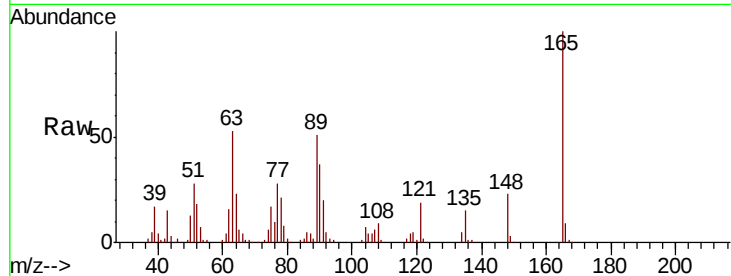
#51
2,6-Dinitrotoluene
Concen: 42.844 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	88256		
63	52.9		44.1	66.1
89	51.1		44.9	67.3

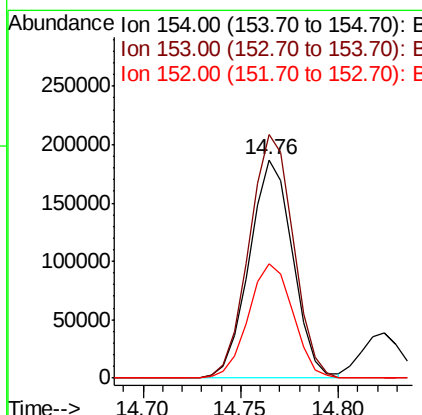
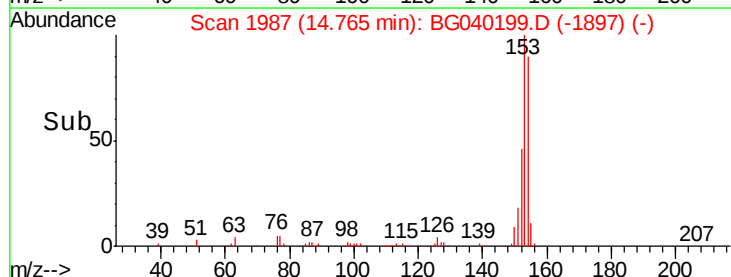
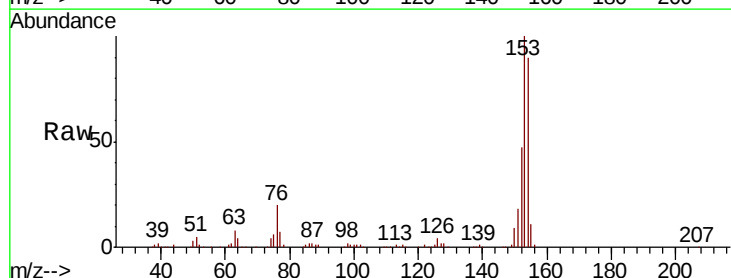
Manual Integrations
APPROVED

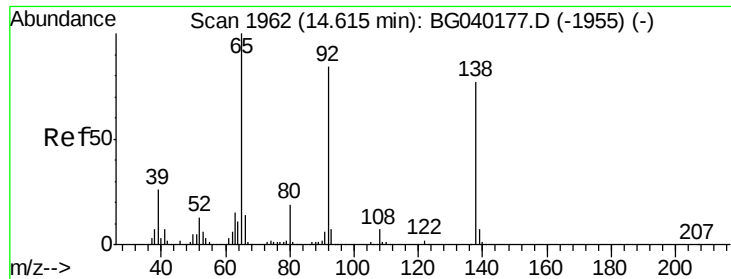
Sohil
3/29/2019 4:45:24 PM



#52
Acenaphthene
Concen: 41.676 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	287657		
153	111.6		92.8	139.2
152	52.5		43.4	65.2





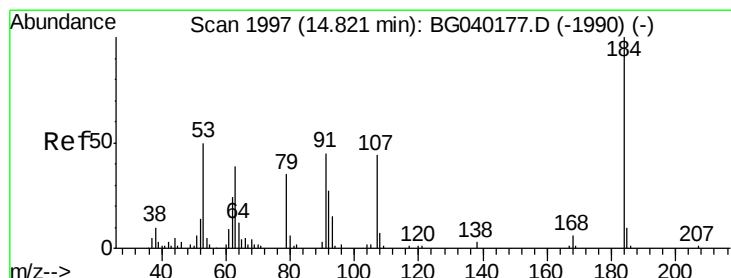
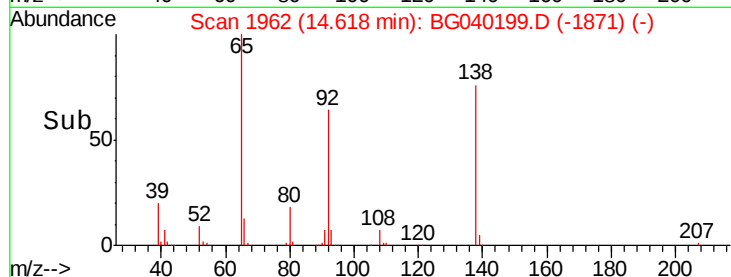
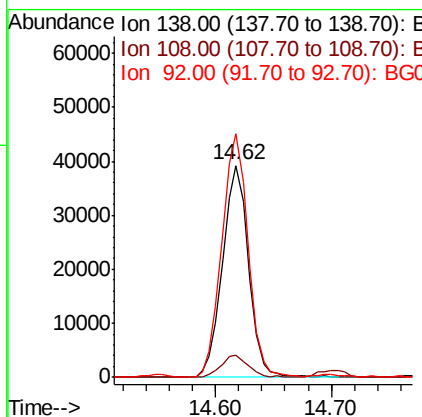
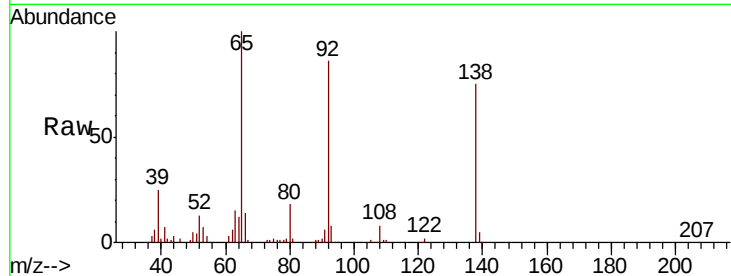
#53
3-Nitroaniline
Concen: 28.001 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.8	11.8
92	114.8	87.5	131.3

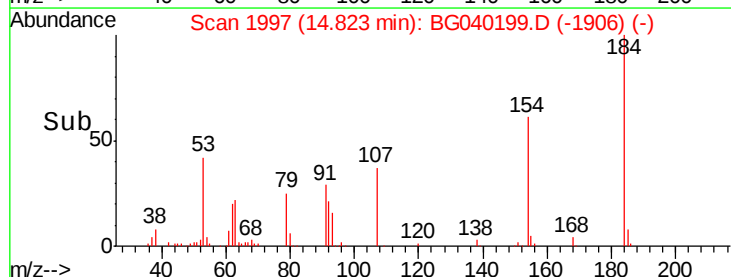
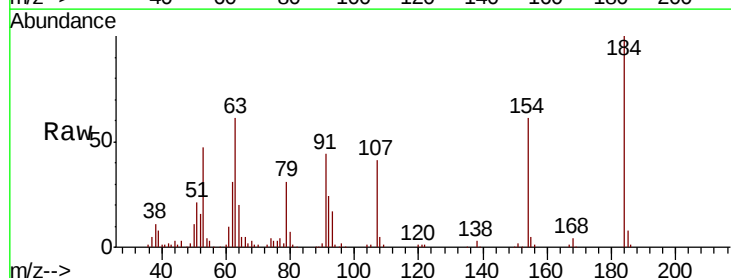
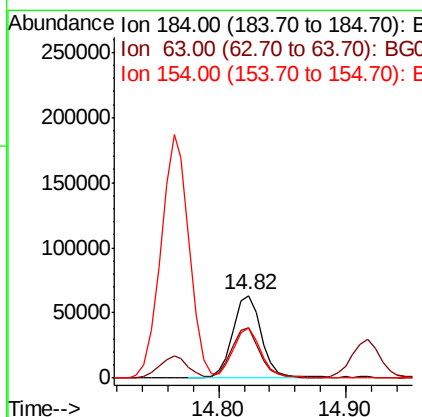
Manual Integrations
APPROVED

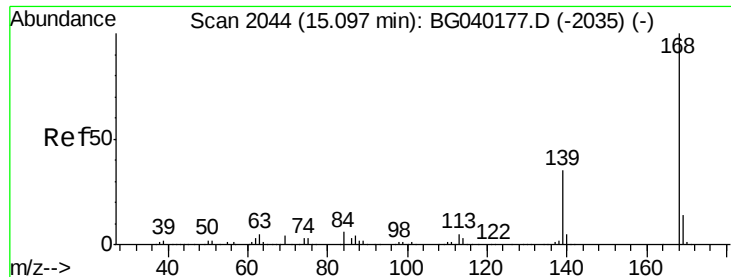
Sohil
3/29/2019 4:45:24 PM



#54
2,4-Dinitrophenol
Concen: 91.516 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.2	51.8	77.8
154	61.0	50.9	76.3





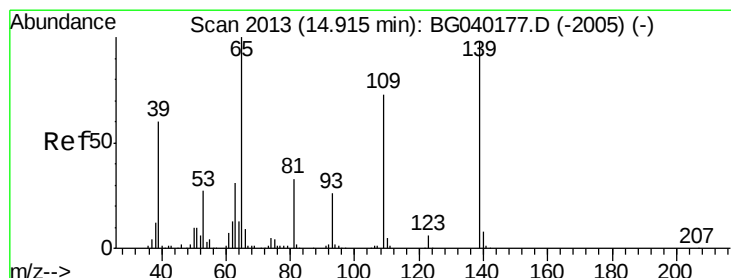
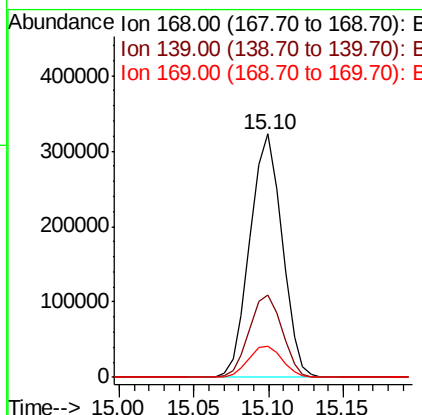
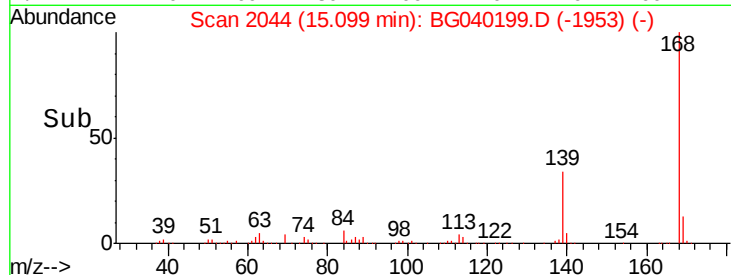
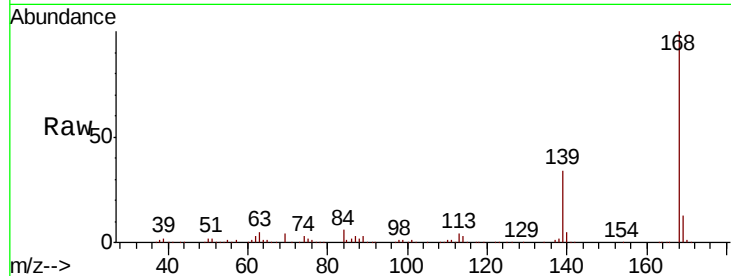
#55
Dibenzenofuran
Concen: 43.293 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion:	168	Resp:	480158
Ion Ratio	Lower	Upper	
168	100		
139	33.6	27.9	41.9
169	12.9	11.3	16.9

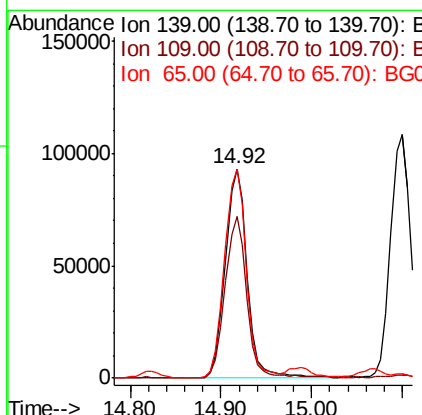
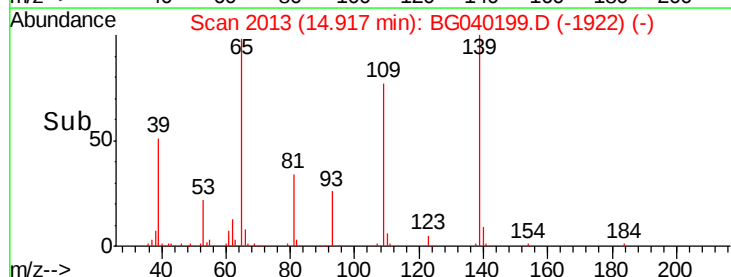
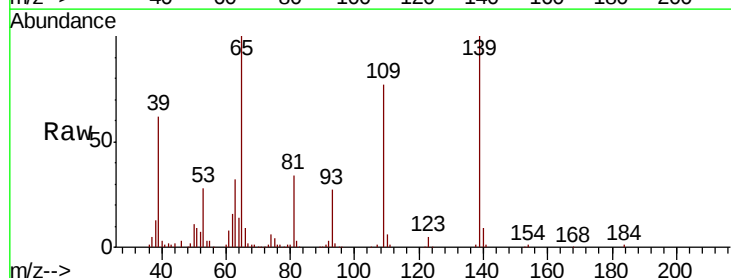
Manual Integrations
APPROVED

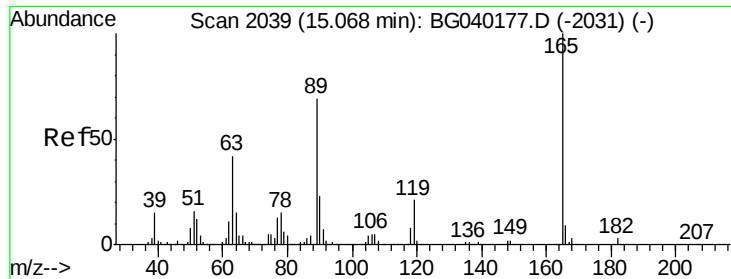
Sohil
3/29/2019 4:45:24 PM



#56
4-Nitrophenol
Concen: 88.715 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion:	139	Resp:	156124
Ion Ratio	Lower	Upper	
139	100		
109	77.2	54.3	94.3
65	99.7	82.5	122.5





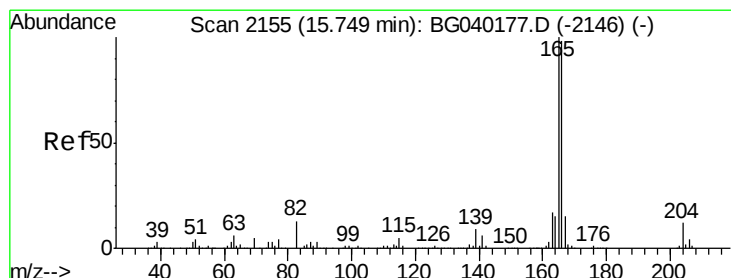
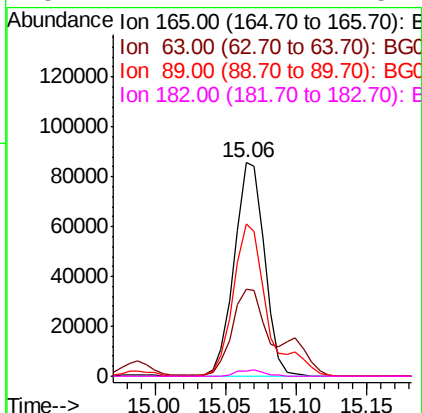
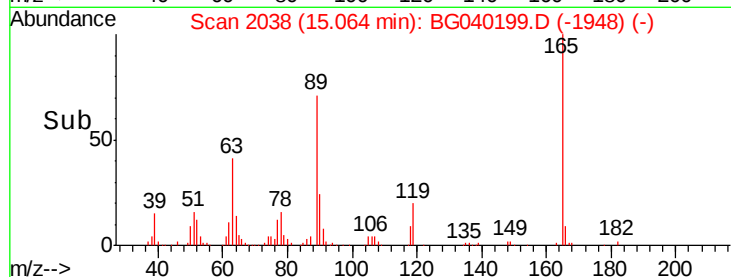
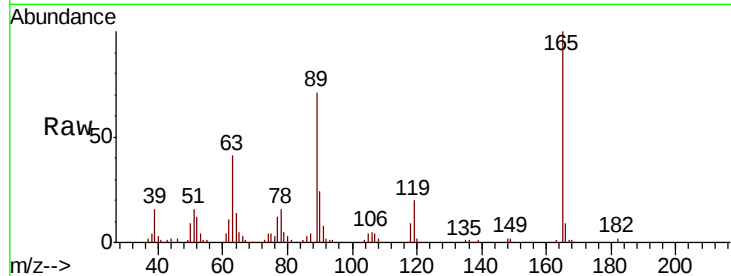
#57
2,4-Dinitrotoluene
Concen: 44.760 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	40.9	33.8	50.6
89	71.4	55.4	83.2
182	2.2	2.2	3.4

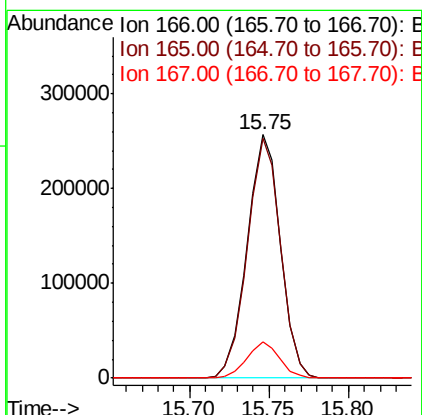
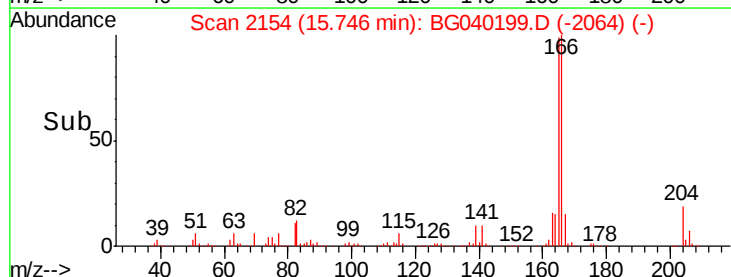
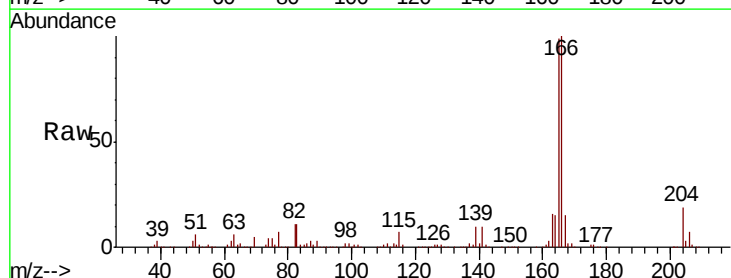
Manual Integrations
APPROVED

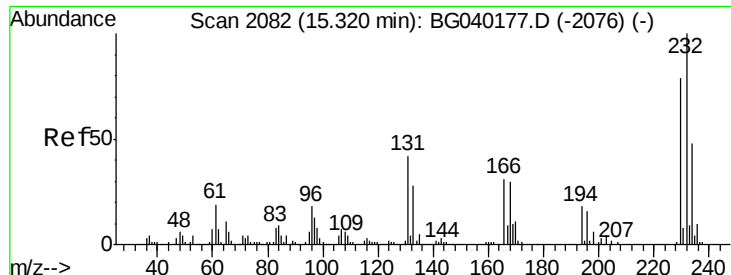
Sohil
3/29/2019 4:45:24 PM



#58
Fluorene
Concen: 42.912 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.6	81.7	122.5
167	15.1	11.9	17.9





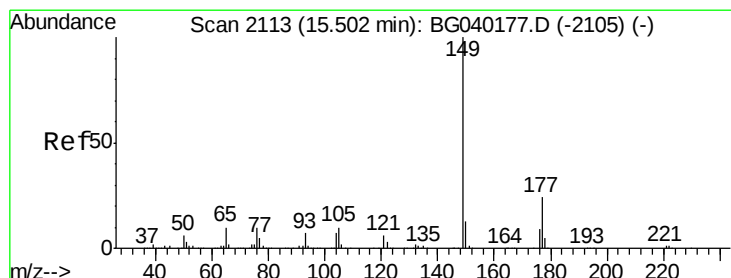
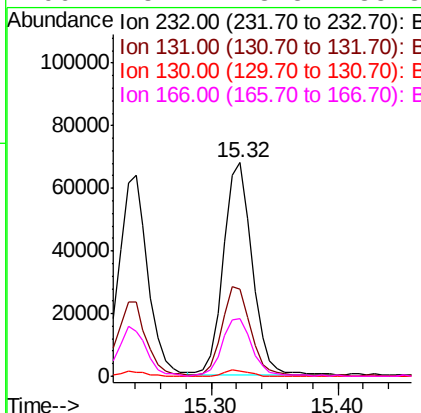
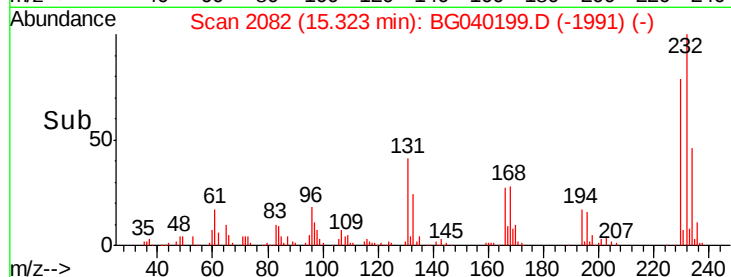
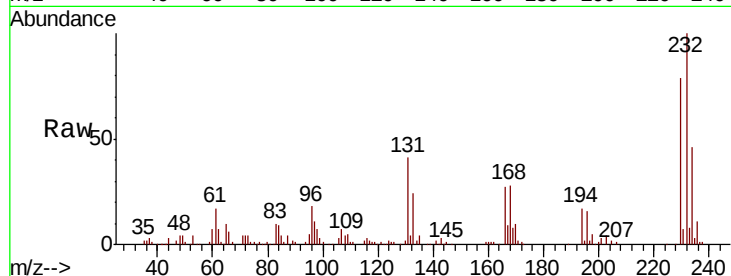
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.714 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		106234		
131	42.0	32.9	49.3		
130	2.5	1.8	2.8		
166	28.4	23.5	35.3		

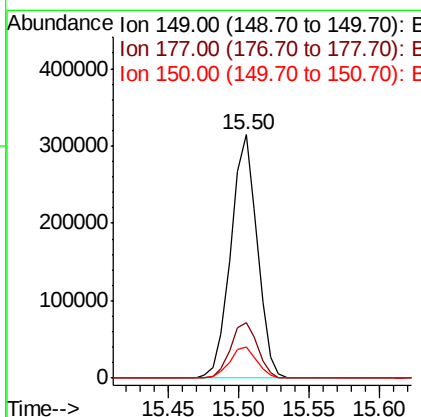
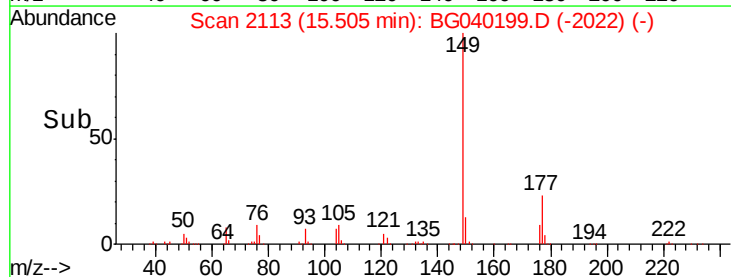
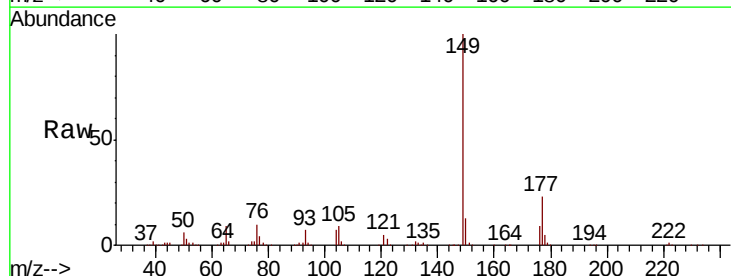
Manual Integrations
APPROVED

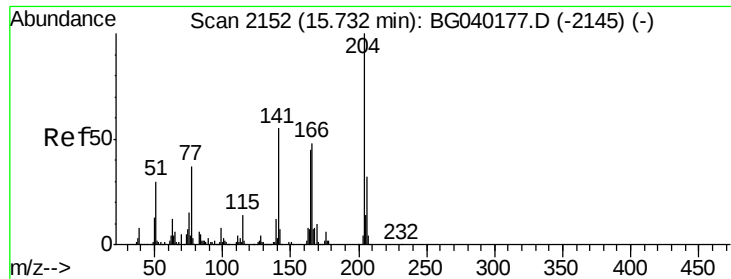
Sohil
3/29/2019 4:45:24 PM



#60
Diethylphthalate
Concen: 43.503 ng
RT: 15.50 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		408401		
177	22.9	19.1	28.7		
150	12.6	10.6	15.8		





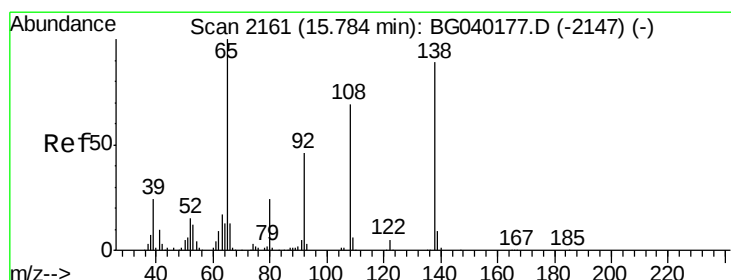
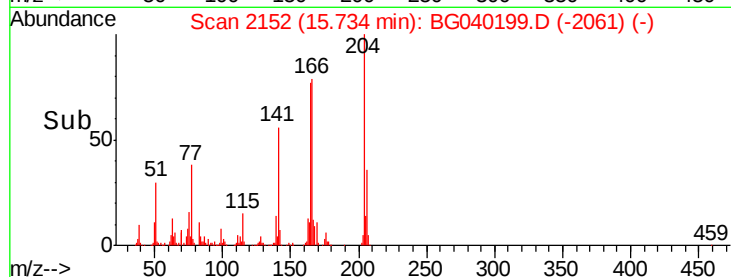
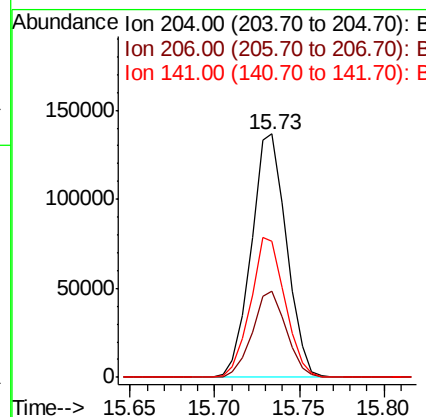
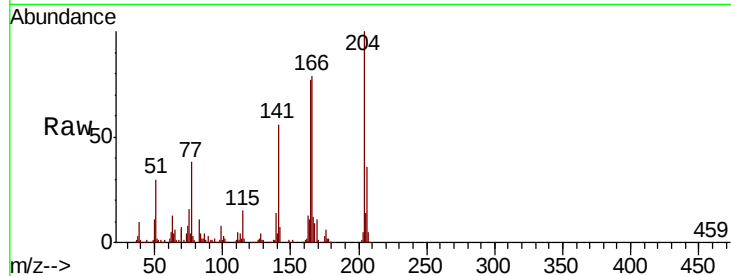
#61
4-Chlorophenyl-phenylether
Concen: 42.554 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.6	25.7	38.5
141	55.9	44.0	66.0

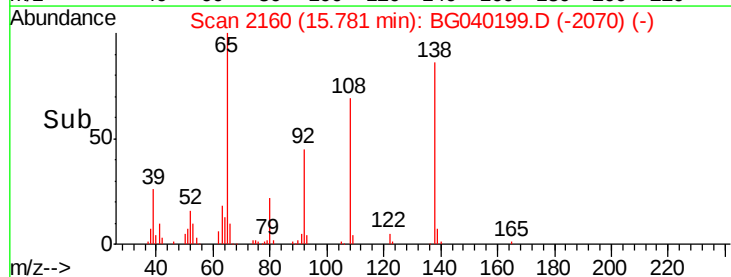
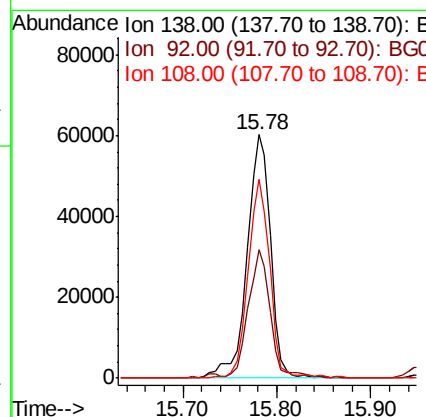
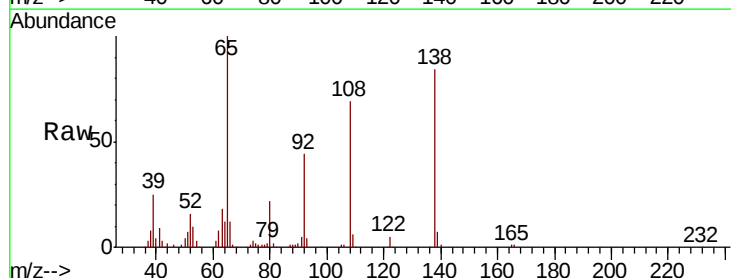
Manual Integrations
APPROVED

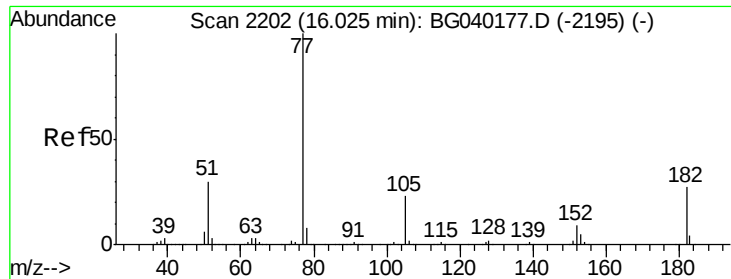
Sohil
3/29/2019 4:45:24 PM



#62
4-Nitroaniline
Concen: 44.321 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.6	31.8	71.8
108	81.8	57.2	97.2





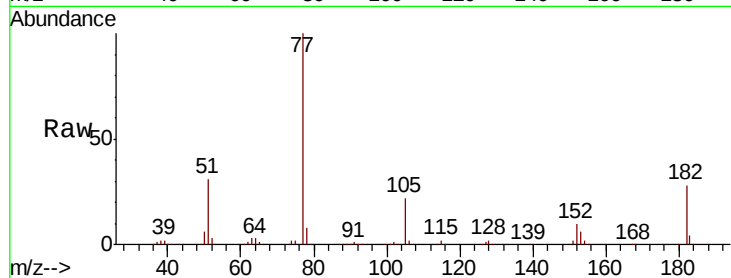
#63
Azobenzene
Concen: 42.218 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

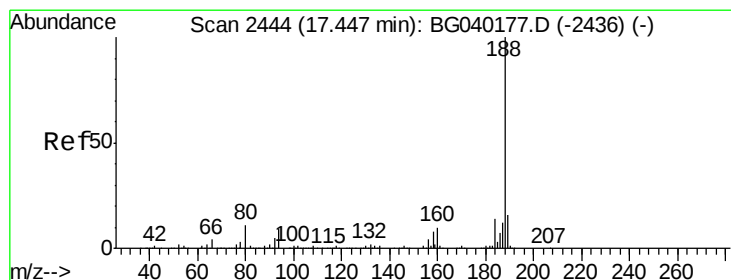
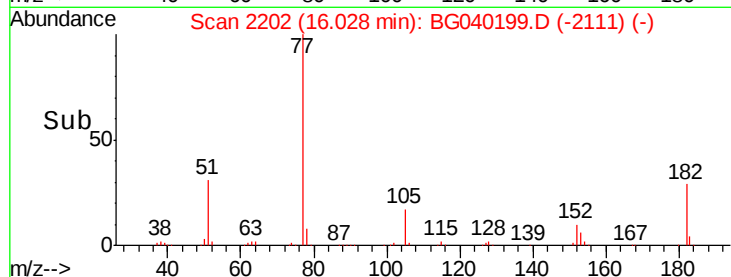
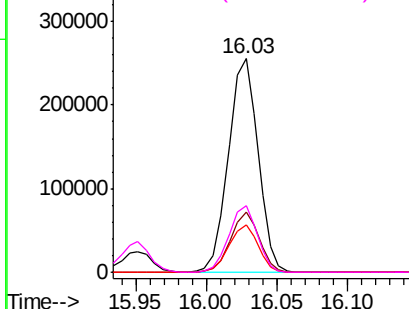
Tot Ion:	77	Resp:	373841
Ion Ratio	Lower	Upper	
77	100		
182	28.5	7.2	47.2
105	22.4	2.8	42.8
51	31.4	10.4	50.4

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



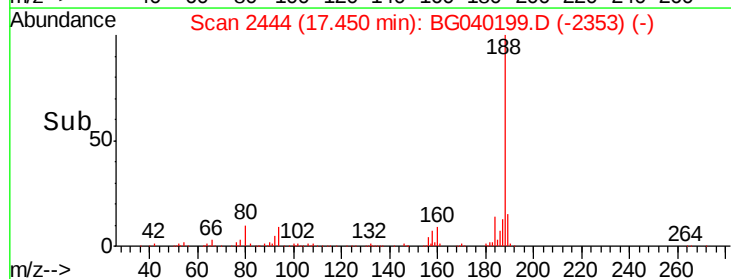
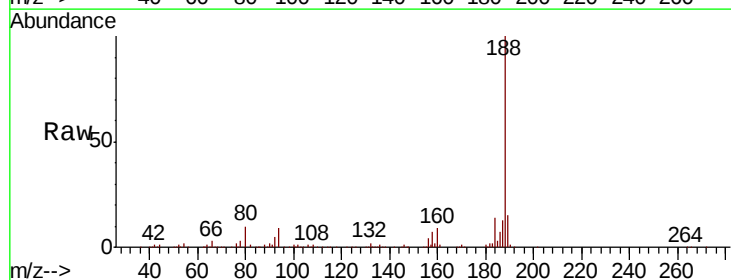
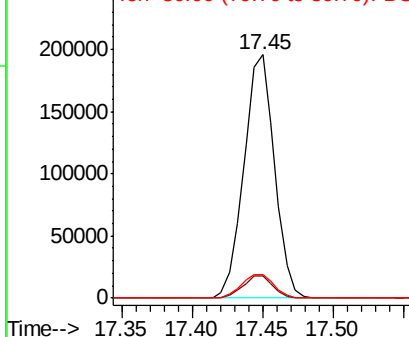
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

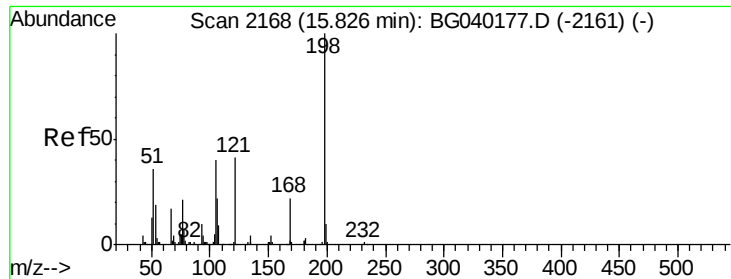


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion:	188	Resp:	296998
Ion Ratio	Lower	Upper	
188	100		
94	9.0	7.0	10.4
80	9.7	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: 40.740 ng

RT: 15.83 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

ClientSampleId :

PB118351BS

Tot Ion:198 Resp: 67978

Ion Ratio Lower Upper

198 100

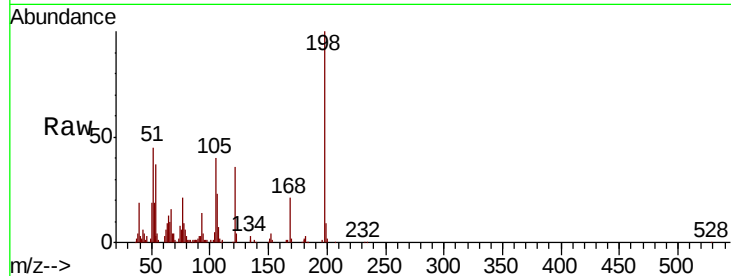
51 45.0 27.3 67.3

105 39.6 21.7 61.7

Manual Integrations
APPROVED

Sohil

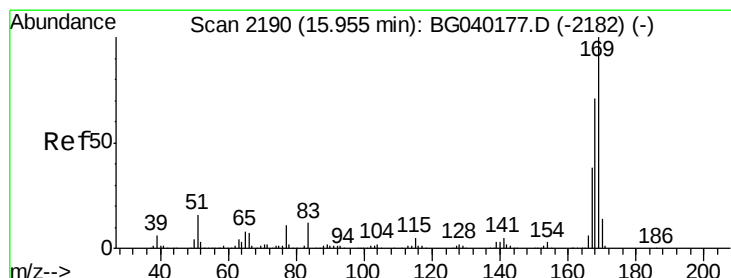
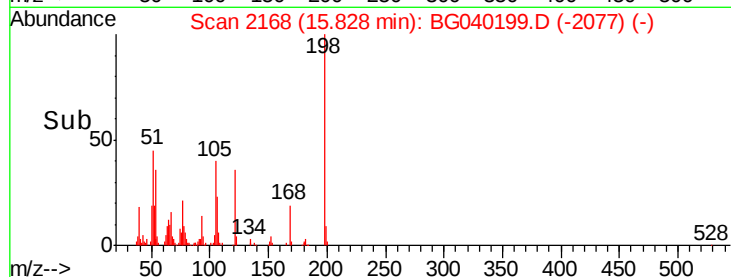
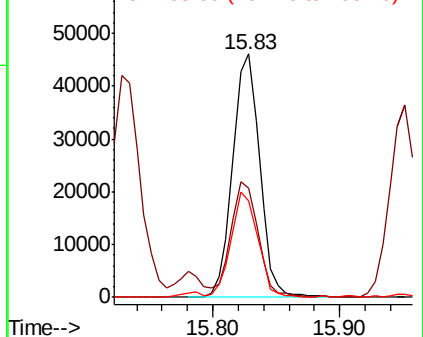
3/29/2019 4:45:24 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.451 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

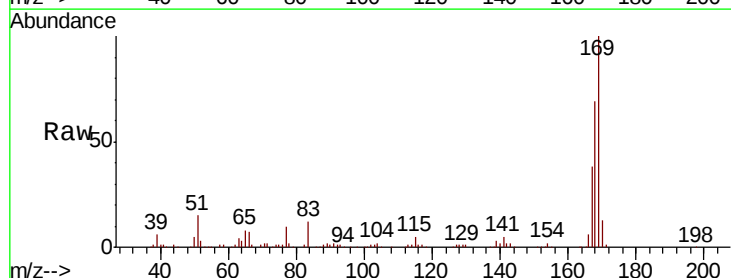
Tgt Ion:169 Resp: 351563

Ion Ratio Lower Upper

169 100

168 69.2 56.8 85.2

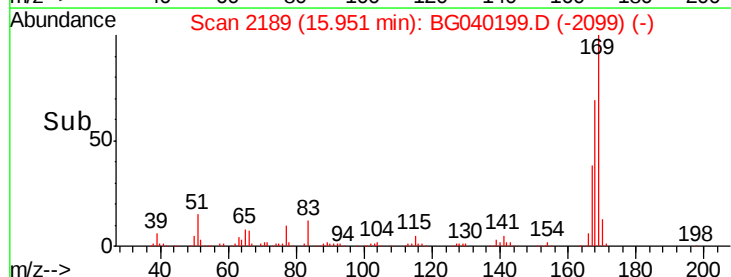
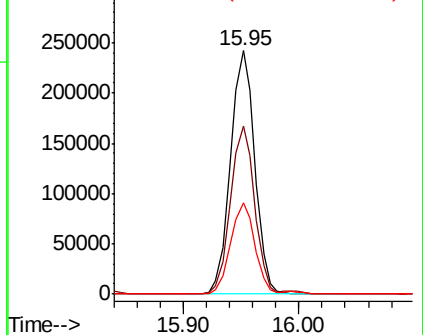
167 37.7 30.2 45.4

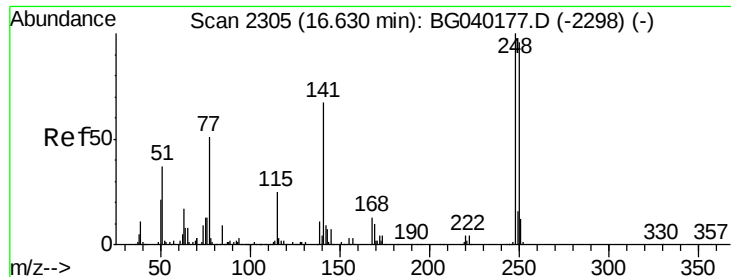


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





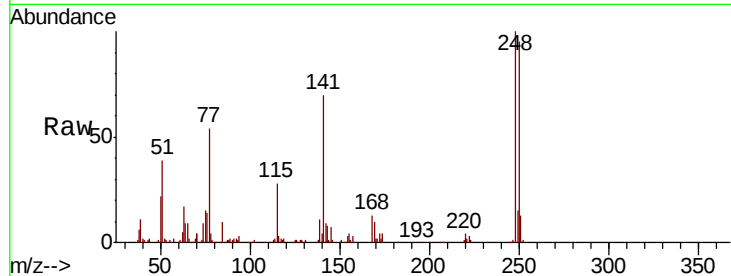
#67
4-Bromophenyl-phenylether
Concen: 39.019 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	76.4	114.6
141	69.6	53.8	80.8

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM

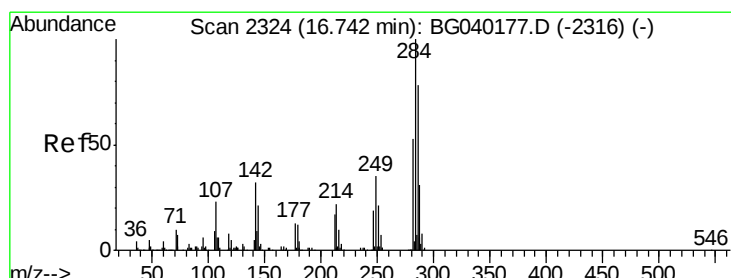
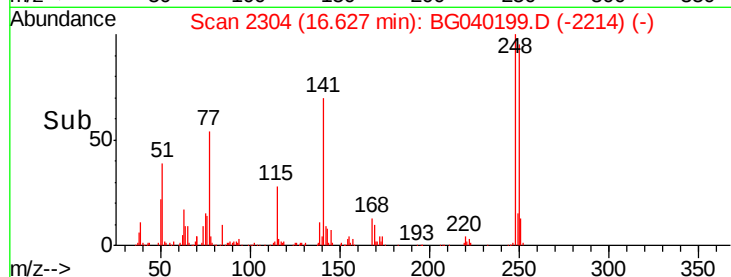
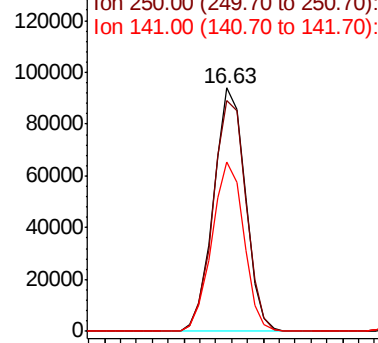


Abundance

Ion 248.00 (247.70 to 248.70): E

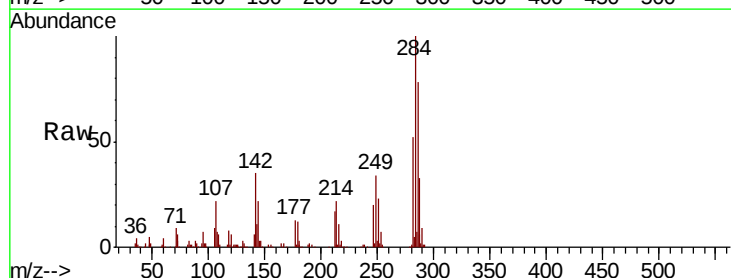
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.496 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	25.3	37.9
249	33.6	28.2	42.2

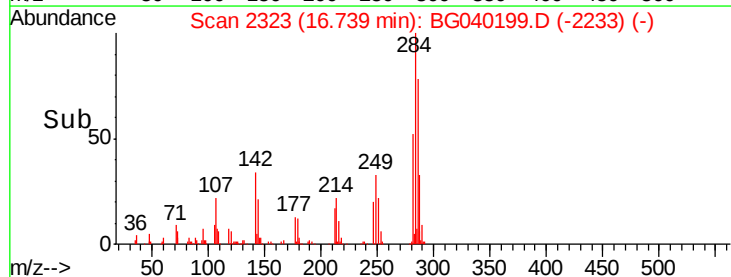
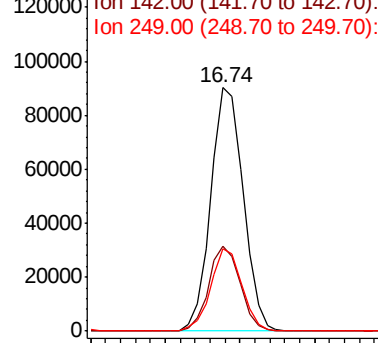


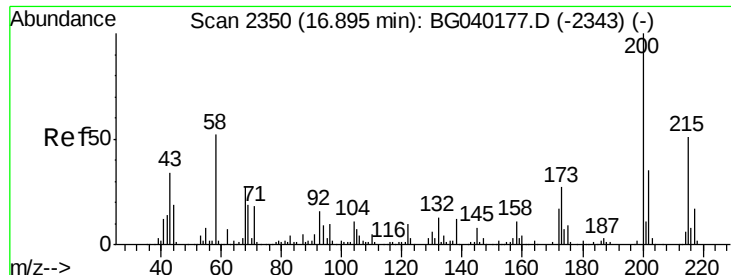
Abundance

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





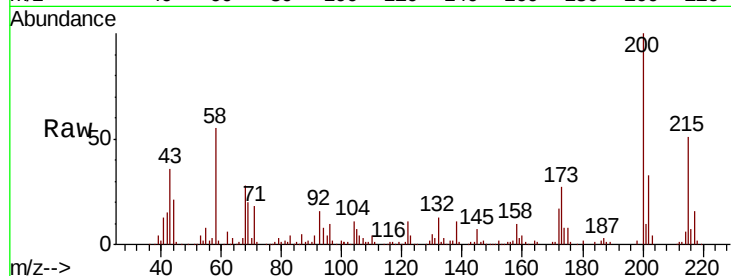
#69
 Atrazine
 Concen: 41.876 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Instrument :
 BNA_G
 ClientSampled :
 PB118351BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.5	7.1	47.1
215	50.5	30.9	70.9

Manual Integrations
 APPROVED

Sohil
 3/29/2019 4:45:24 PM

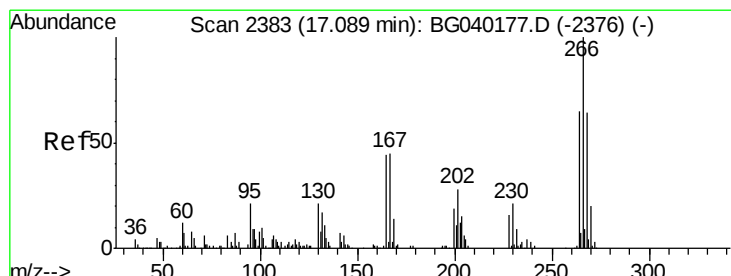
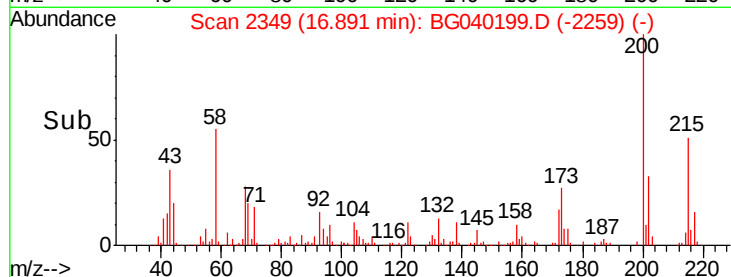
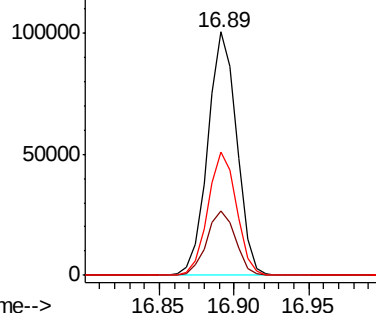


Abundance

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: 82.957 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. 0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

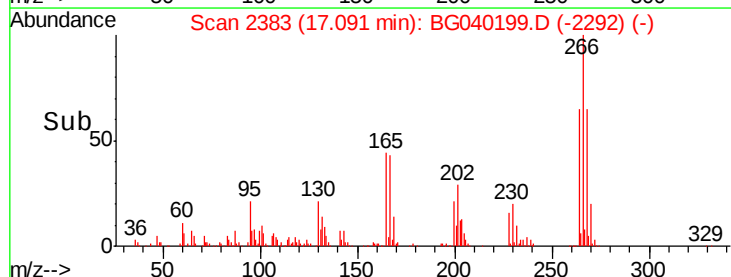
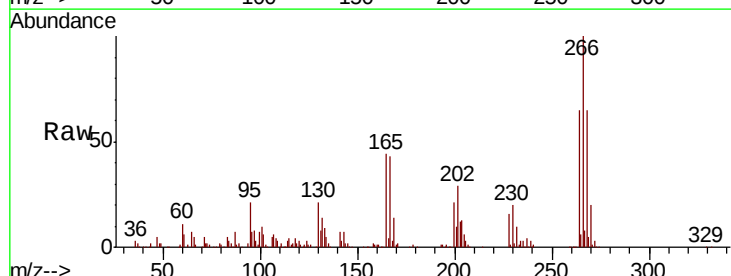
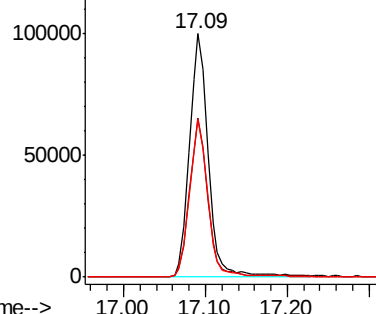
Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.5	55.0	82.4
264	64.6	51.8	77.8

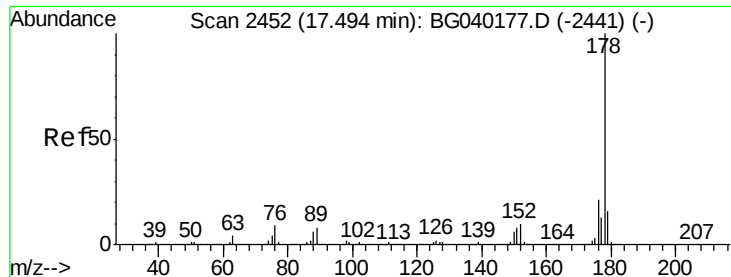
Abundance

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





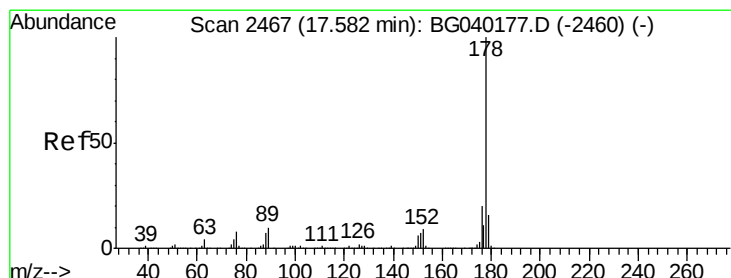
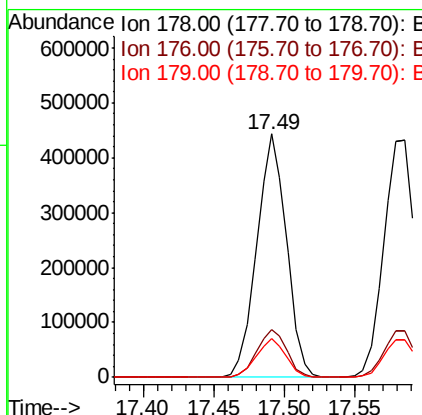
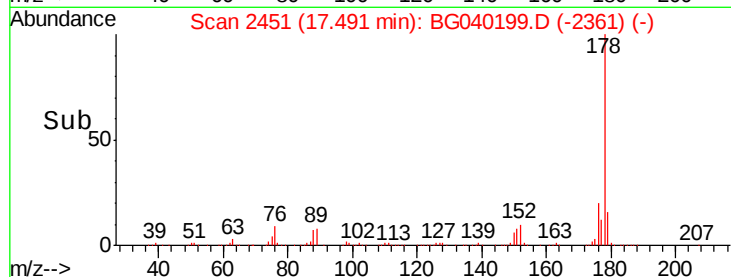
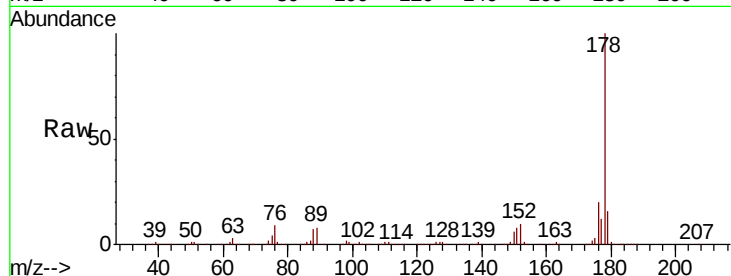
#71
Phenanthrene
Concen: 42.061 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.7	25.1
179	15.7	12.8	19.2

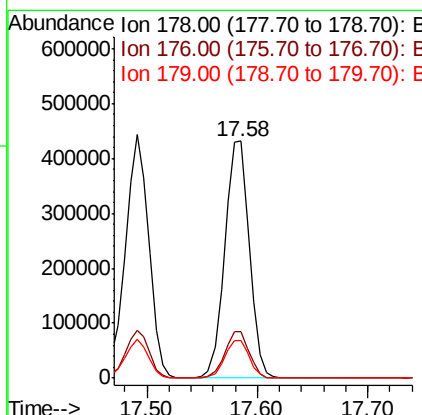
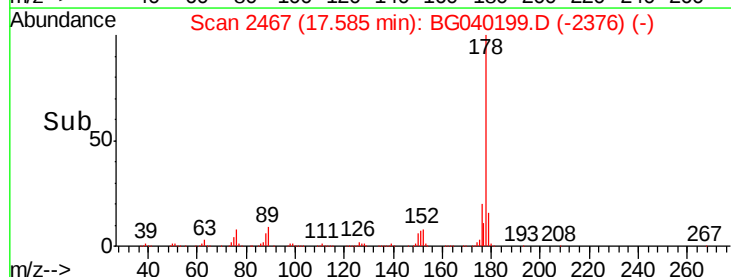
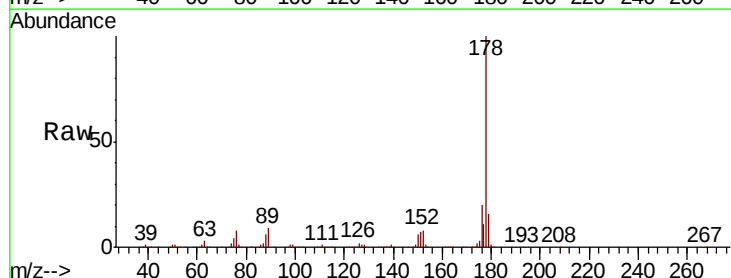
Manual Integrations
APPROVED

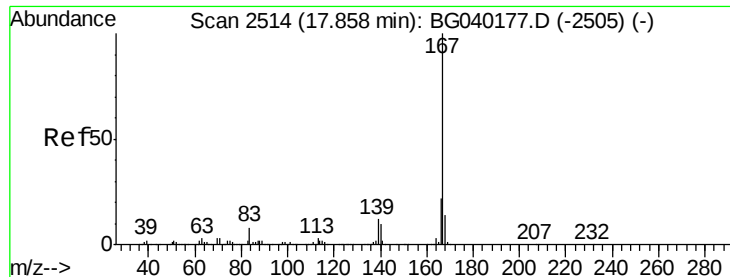
Sohil
3/29/2019 4:45:24 PM



#72
Anthracene
Concen: 43.033 ng
RT: 17.58 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.0	12.9	19.3





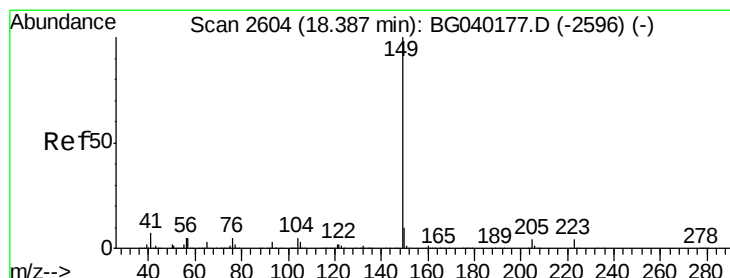
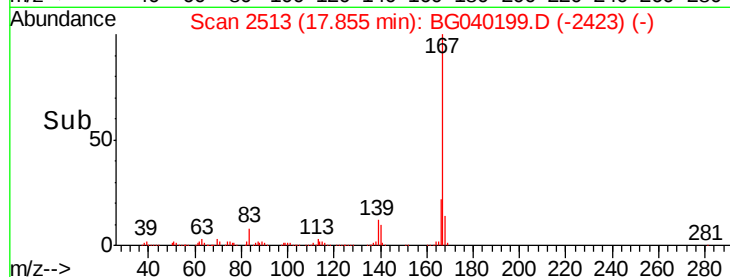
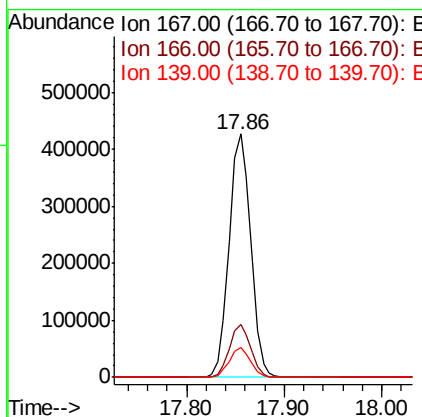
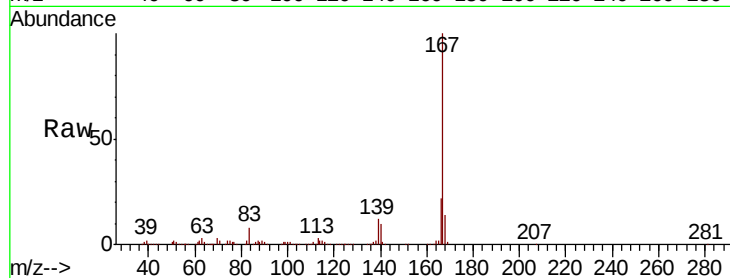
#73
 Carbazole
 Concen: 44.458 ng
 RT: 17.86 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Instrument :
 BNA_G
 ClientSampled :
 PB118351BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.5	26.3
139	12.1	10.0	15.0

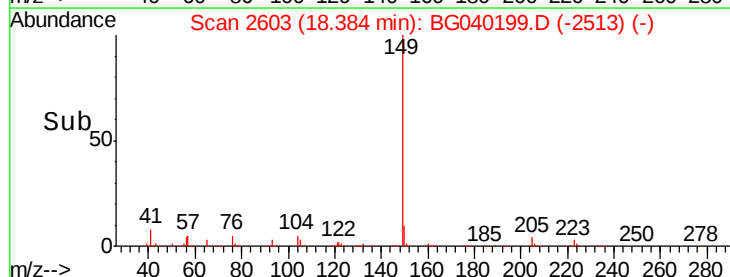
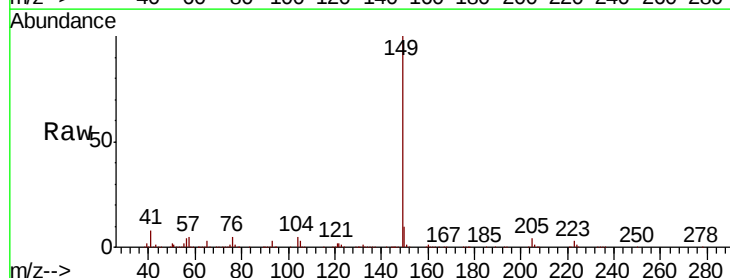
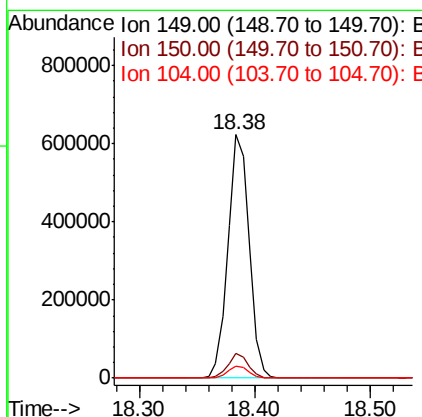
Manual Integrations
 APPROVED

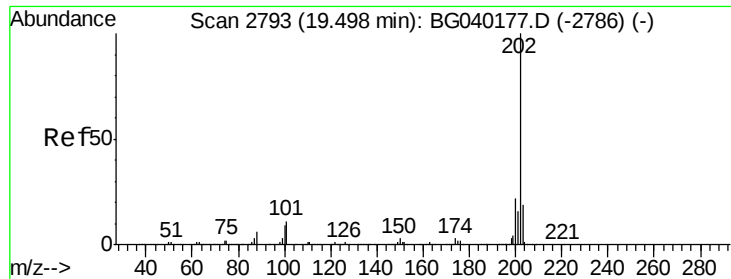
Sohil
 3/29/2019 4:45:24 PM



#74
 Di-n-butylphthalate
 Concen: 45.011 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.9	11.9
104	5.2	4.1	6.1





#75

Fluoranthene

Concen: 46.453 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

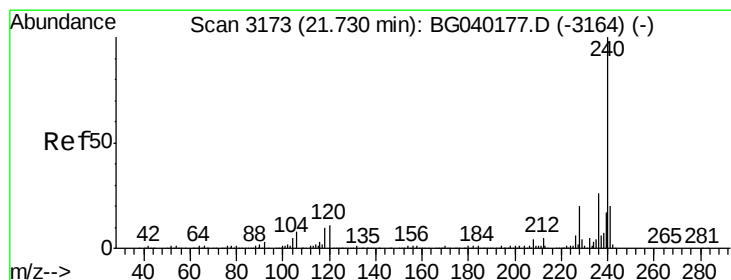
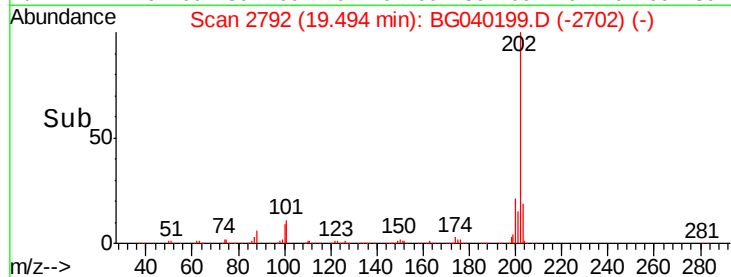
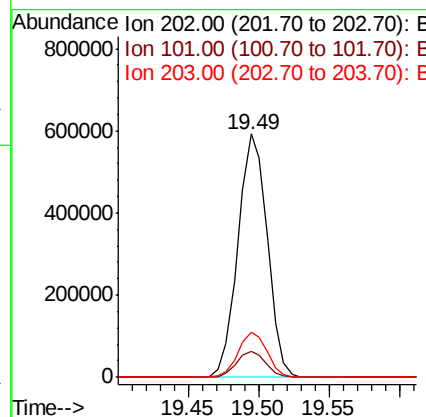
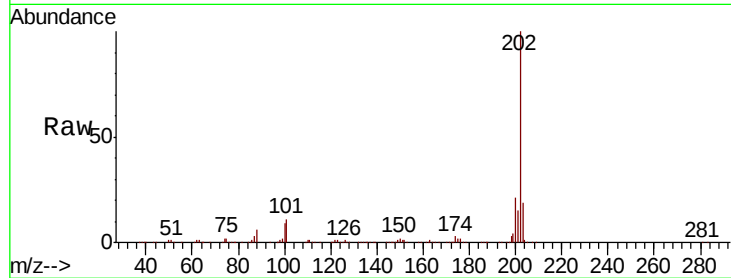
ClientSampleId :

PB118351BS

Tot Ion:	202	Resp:	858681
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.8
203	18.8	0.0	38.9

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



#76

Chrysene-d12

Concen: 20.000 ng

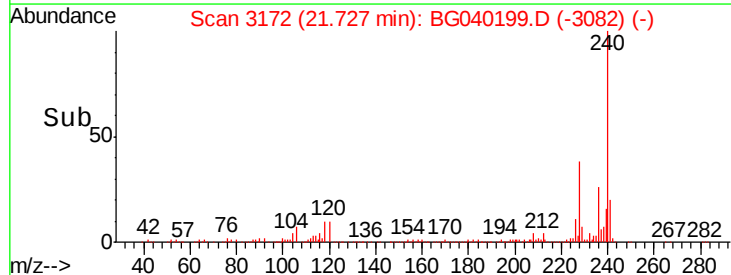
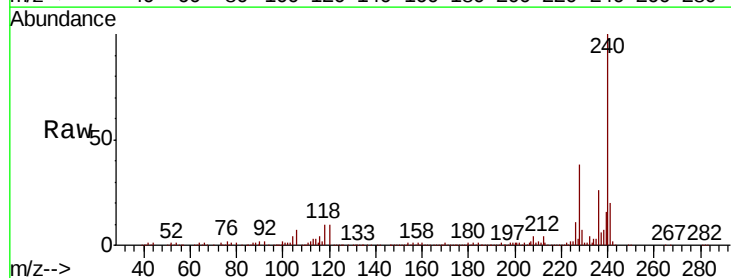
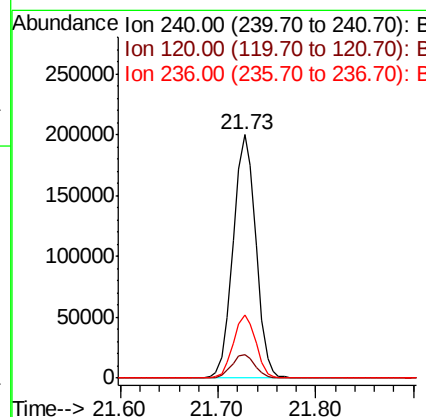
RT: 21.73 min Scan# 3172

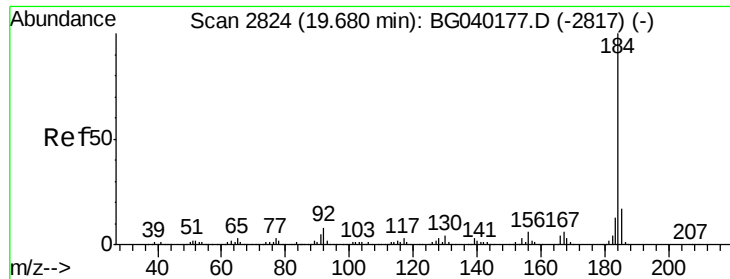
Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Tgt Ion:	240	Resp:	323467
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.4	12.6
236	26.0	20.8	31.2





#77

Benzidine

Concen: 31.458 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

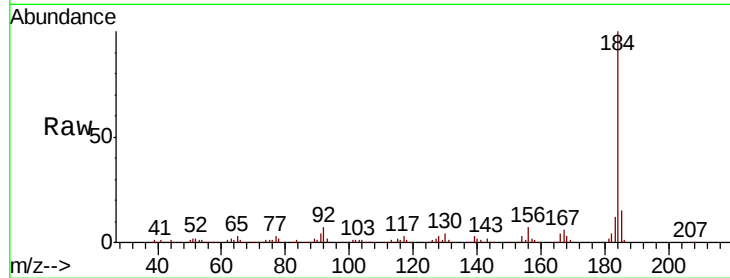
ClientSampleId :

PB118351BS

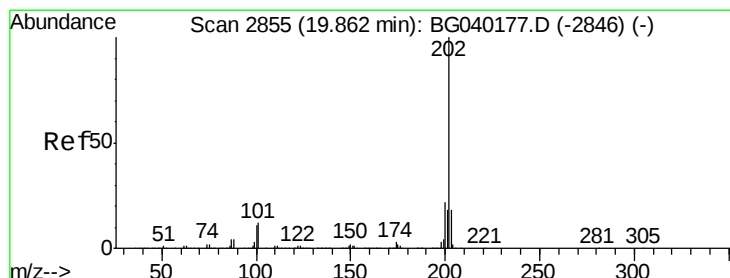
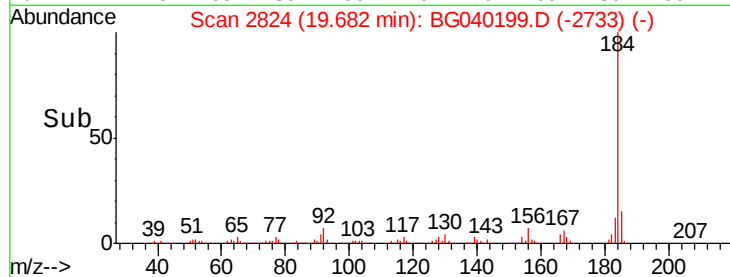
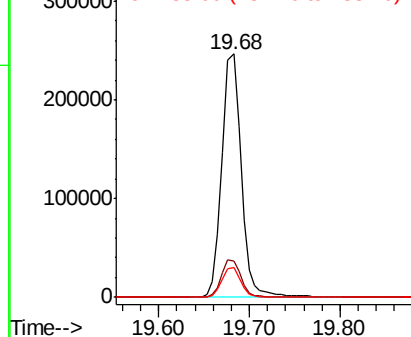
Tot Ion:	184	Resp:	367455
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.3	19.9
183	12.1	10.3	15.5

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



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: 40.772 ng

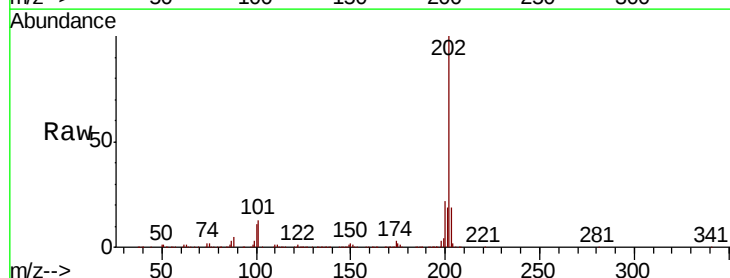
RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

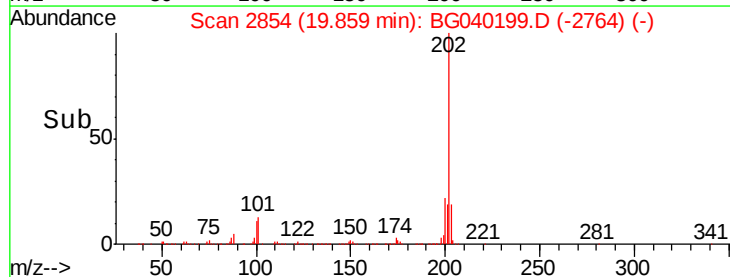
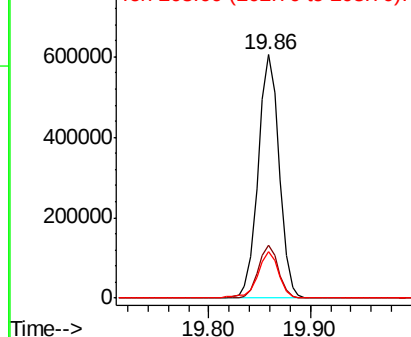
Lab File: BG040199.D

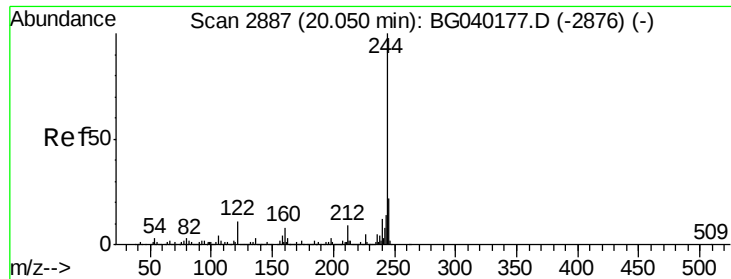
Acq: 28 Mar 2019 14:21

Tgt Ion:	202	Resp:	867281
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.3	25.9
203	18.8	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: 79.077 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

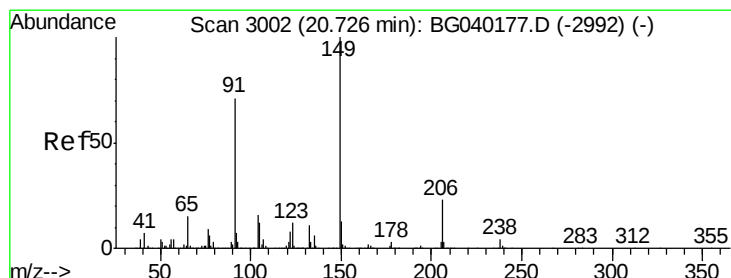
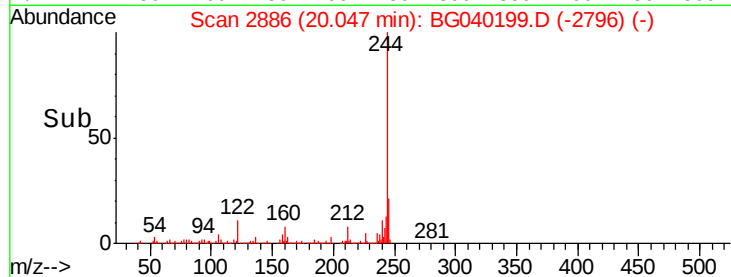
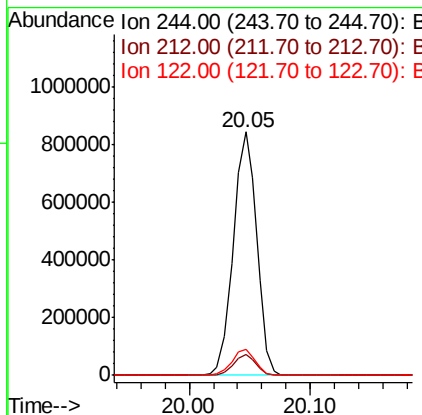
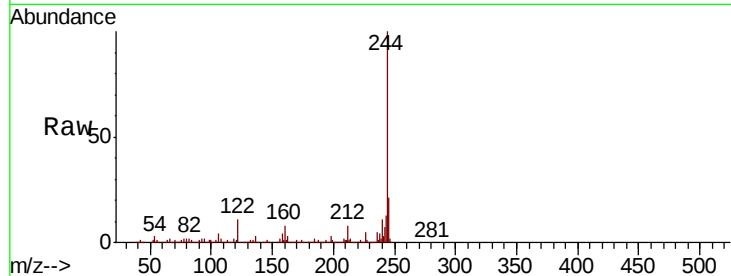
ClientSampled :

PB118351BS

Tot Ion:	244	Resp:	1137015
Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	10.6	8.5	12.7

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



#80

Butylbenzylphthalate

Concen: 41.496 ng

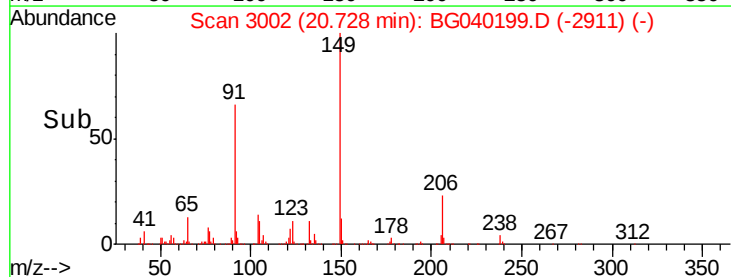
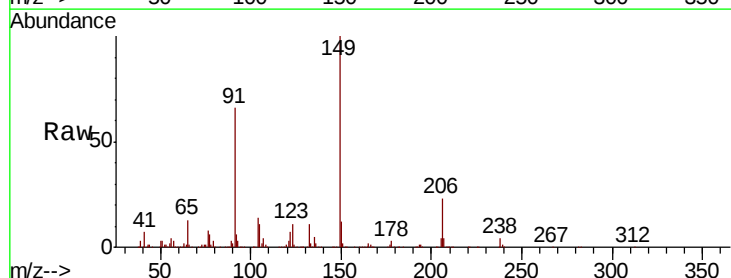
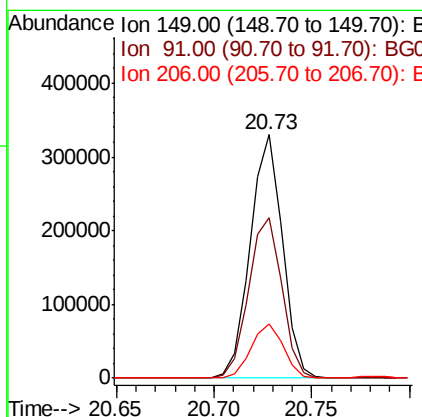
RT: 20.73 min Scan# 3002

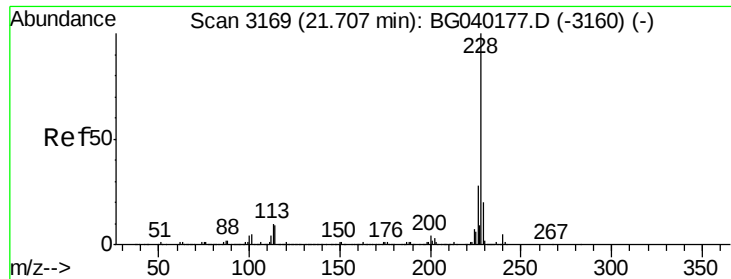
Delta R.T. 0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Tgt Ion:	149	Resp:	377713
Ion	Ratio	Lower	Upper
149	100		
91	66.1	57.0	85.4
206	22.5	18.2	27.4





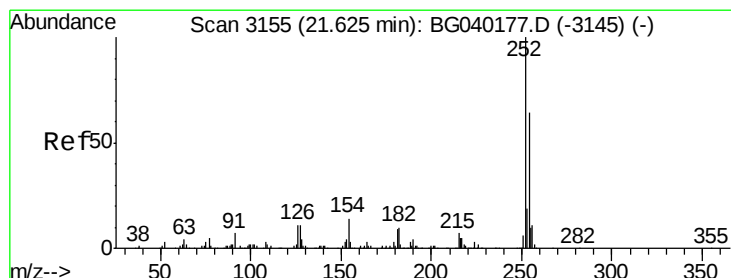
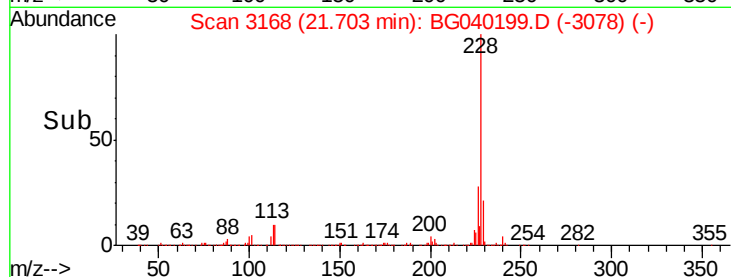
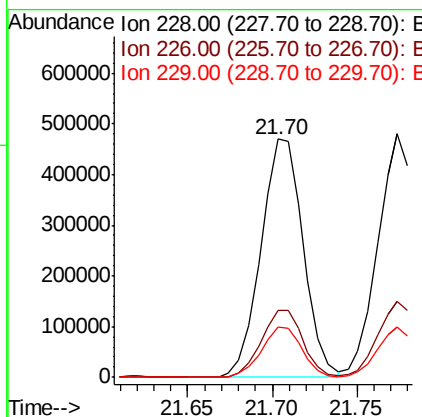
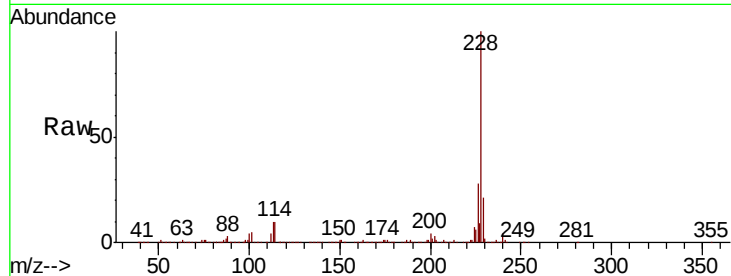
#81
Benzo(a)anthracene
Concen: 40.866 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	34.0
229	21.0	16.1	24.1

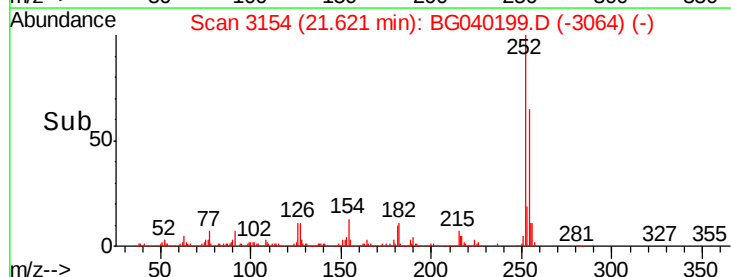
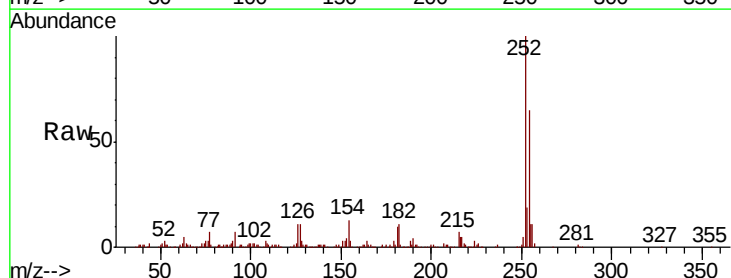
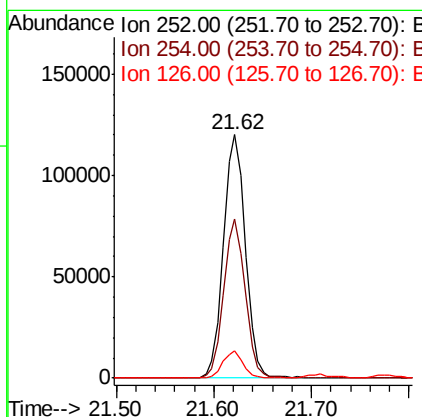
Manual Integrations
APPROVED

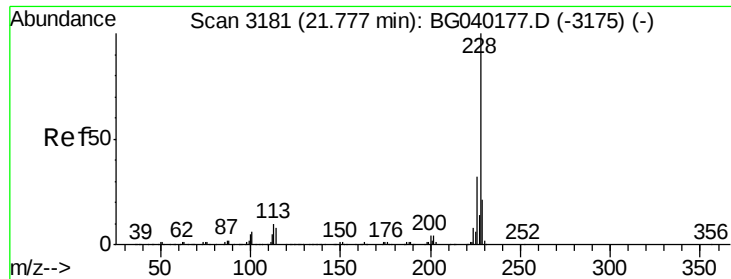
Sohil
3/29/2019 4:45:24 PM



#82
3,3'-Dichlorobenzidine
Concen: 24.767 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.4	77.2
126	11.1	8.5	12.7





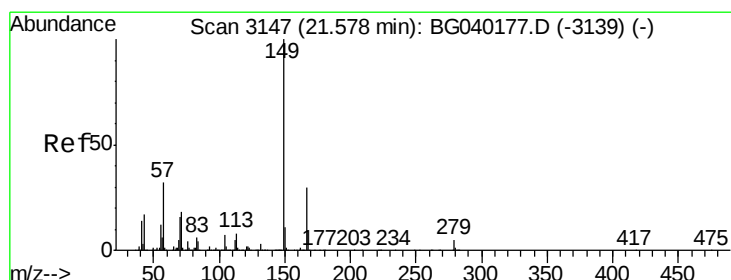
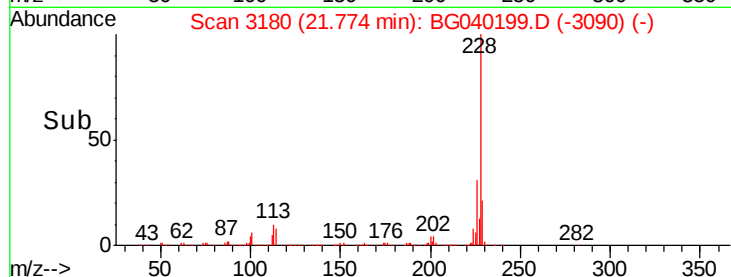
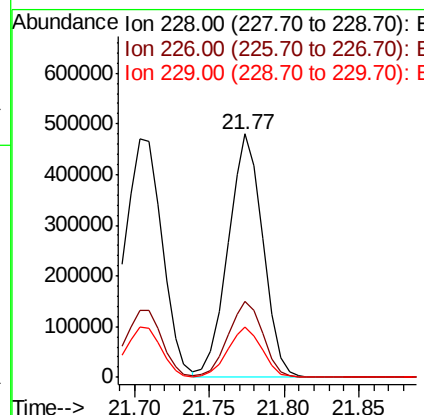
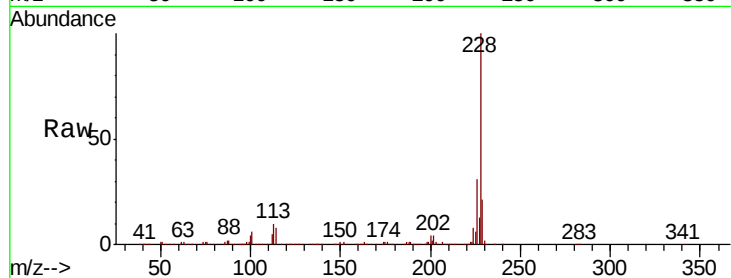
#83
 Chrysene
 Concen: 40.681 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	20.6	17.0	25.4

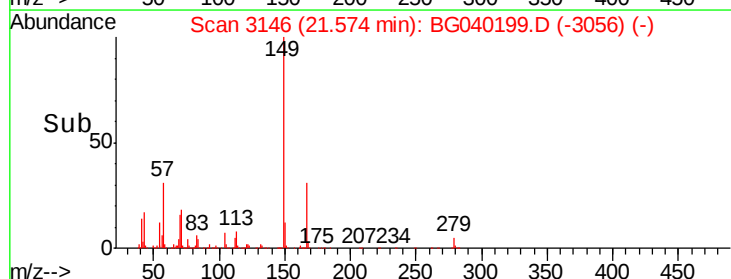
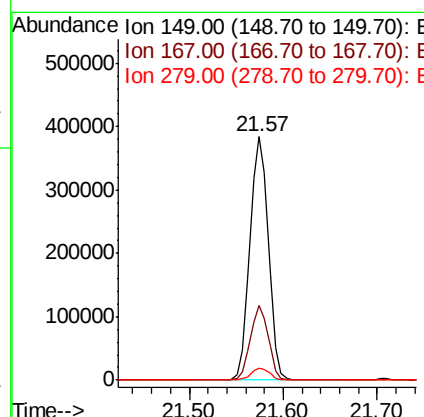
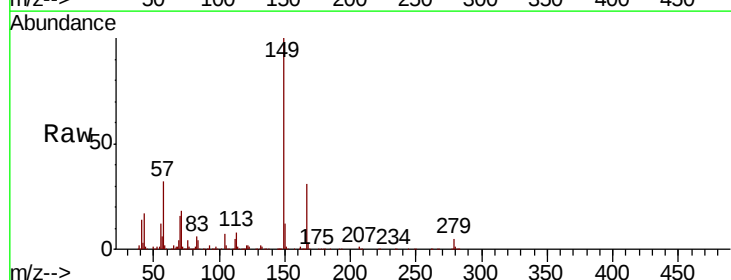
Manual Integrations
 APPROVED

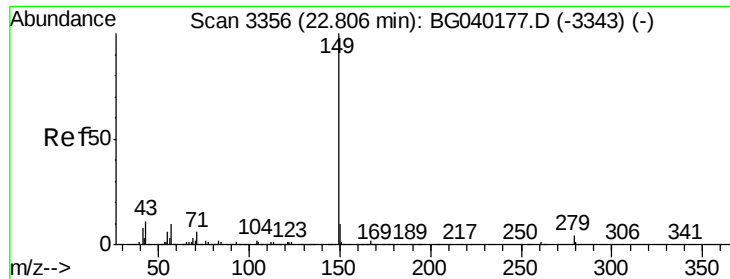
Sohil
 3/29/2019 4:45:24 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.159 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG040199.D
 Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.1	36.1
279	4.9	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 40.635 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Instrument :

BNA_G

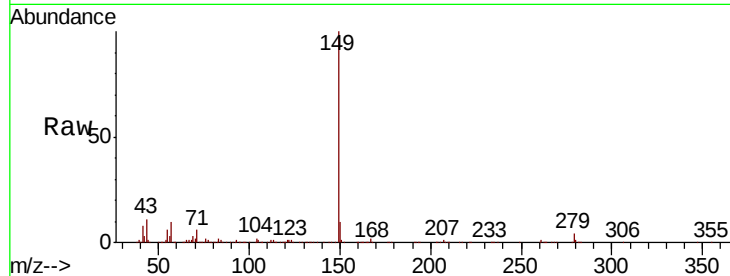
ClientSampleId :

PB118351BS

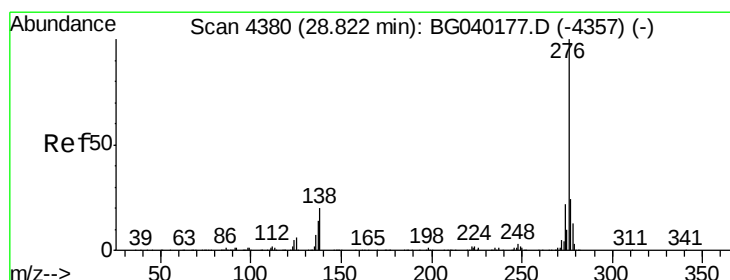
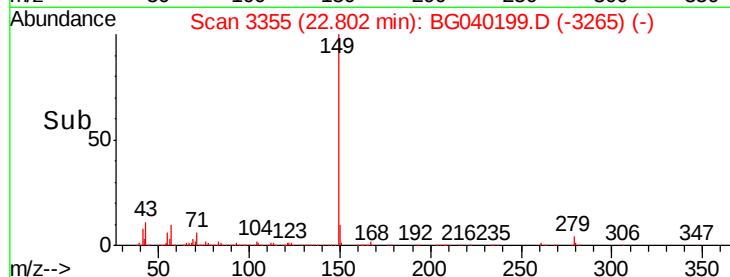
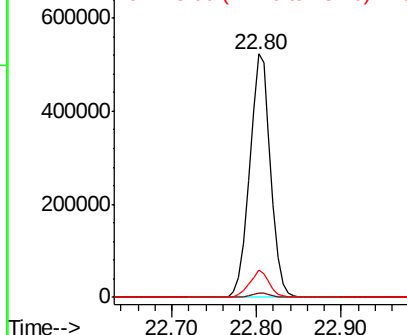
Tot Ion:	149	Resp:	900826
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	10.5	8.7	13.1

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



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: 41.562 ng

RT: 28.81 min Scan# 4378

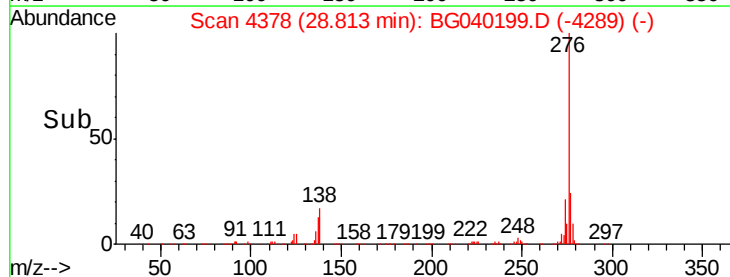
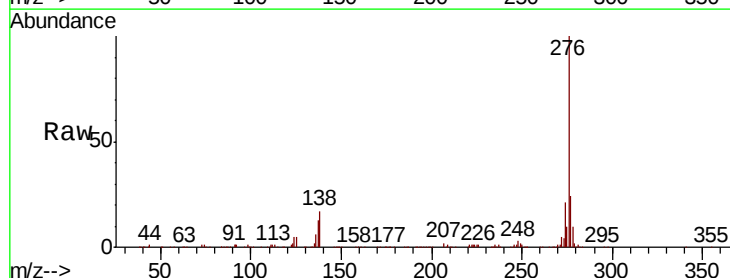
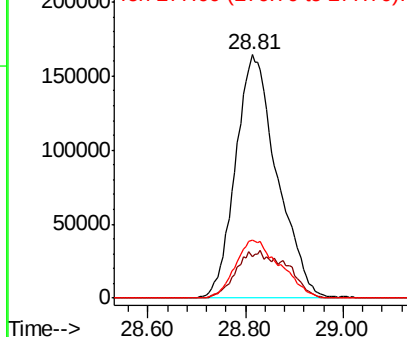
Delta R.T. -0.01 min

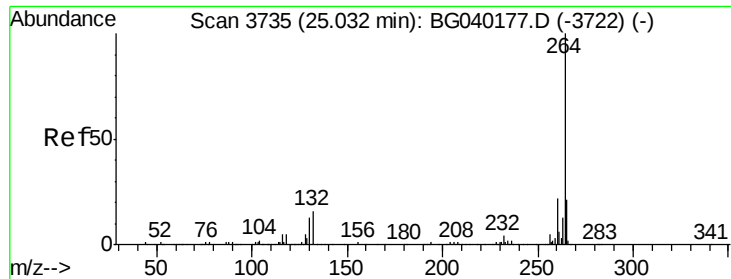
Lab File: BG040199.D

Acq: 28 Mar 2019 14:21

Tgt Ion:	276	Resp:	973351
Ion Ratio	Lower	Upper	
276	100		
138	8.2	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





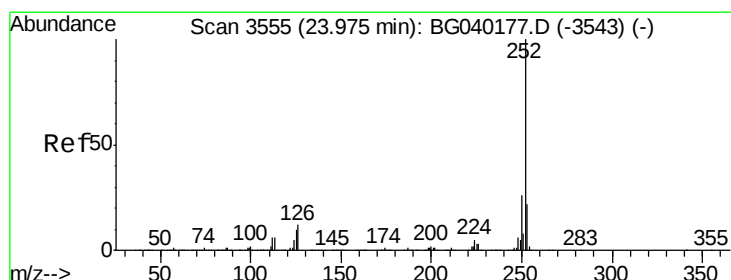
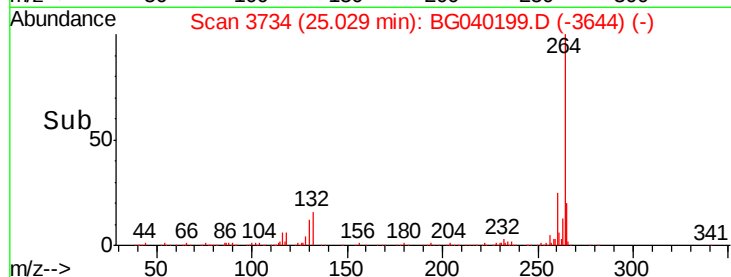
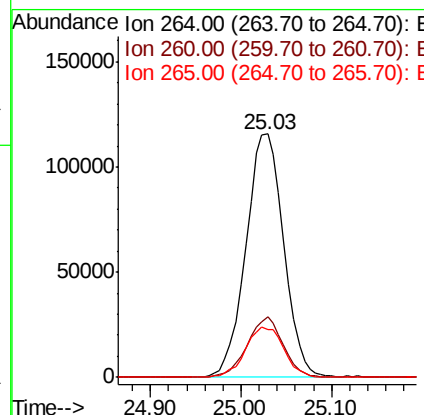
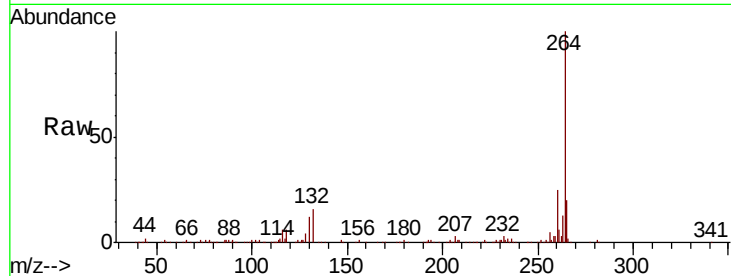
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.9	26.9
265	19.8	16.8	25.2

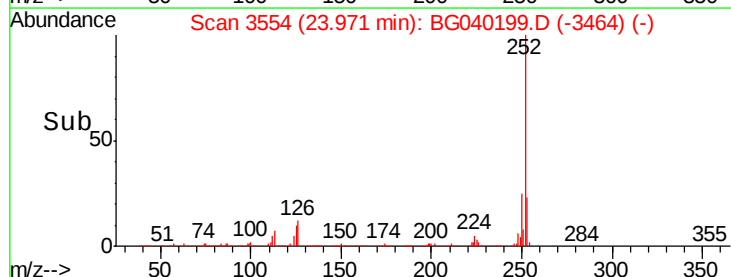
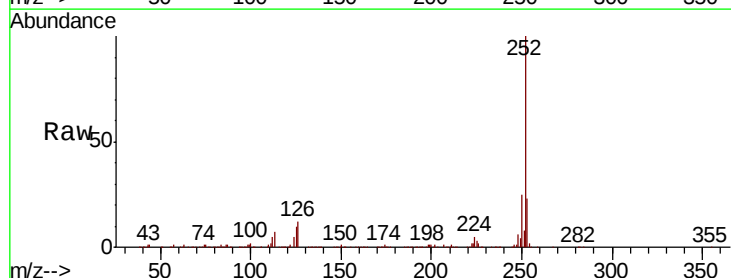
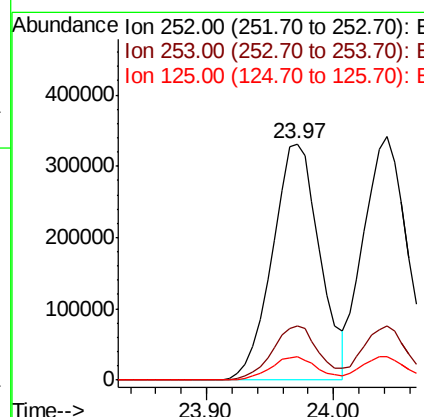
Manual Integrations
APPROVED

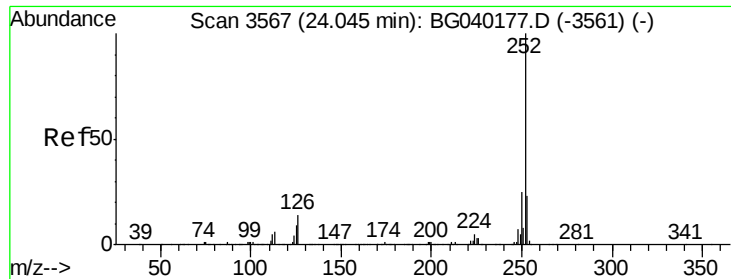
Sohil
3/29/2019 4:45:24 PM



#88
Benzo(b)fluoranthene
Concen: 42.099 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	9.7	8.2	12.4





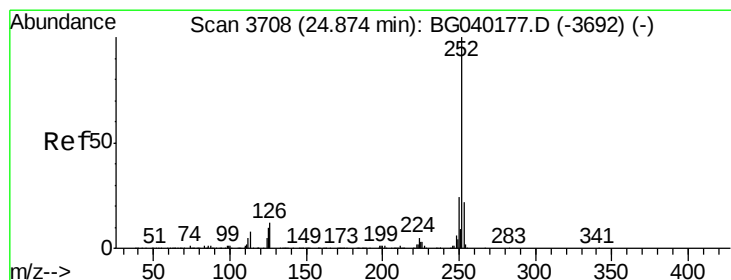
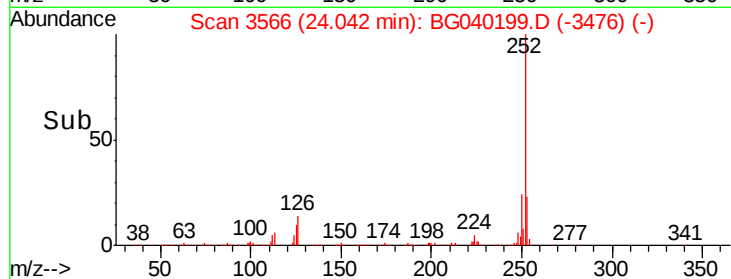
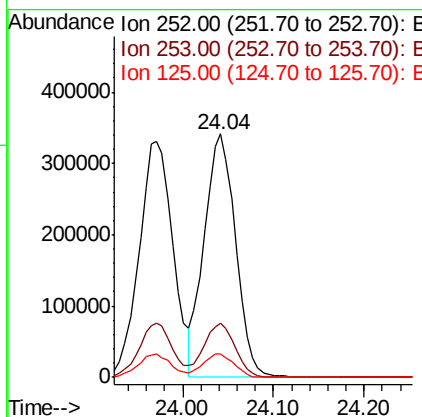
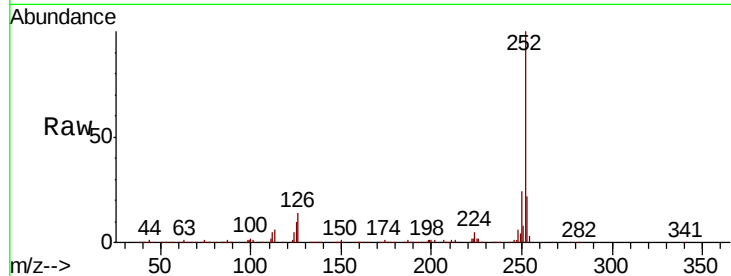
#89
Benzo(k)fluoranthene
Concen: 43.450 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	28.0
125	9.6	7.3	10.9

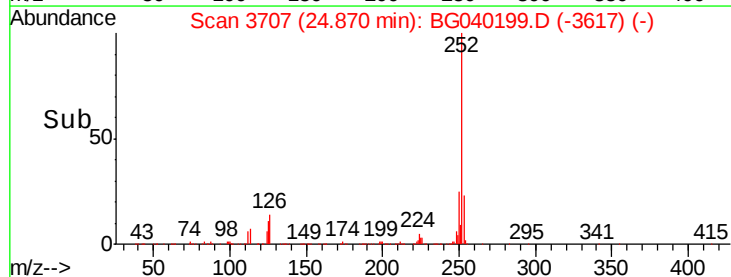
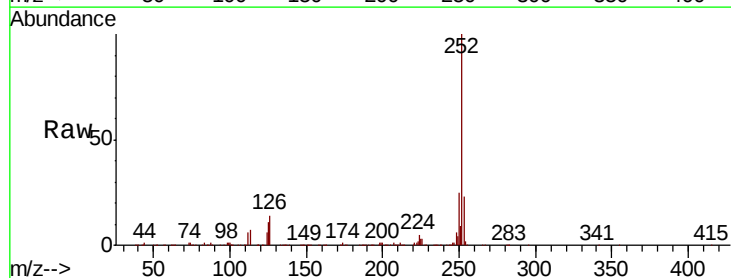
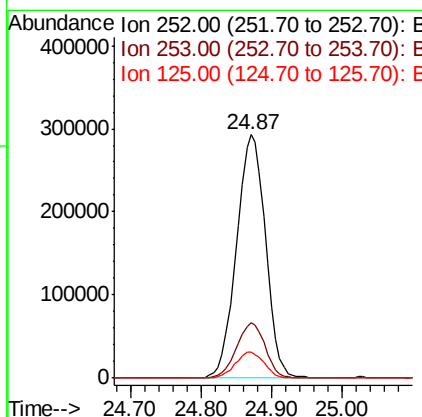
Manual Integrations
APPROVED

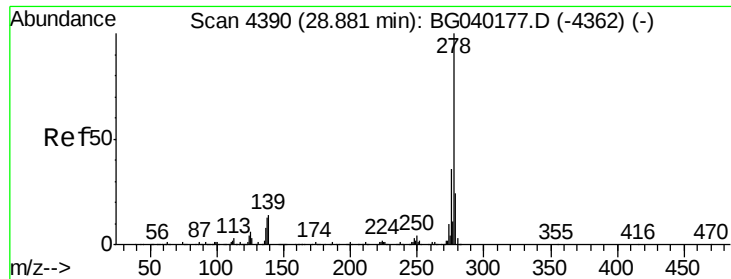
Sohil
3/29/2019 4:45:24 PM



#90
Benzo(a)pyrene
Concen: 43.577 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	10.8	8.3	12.5





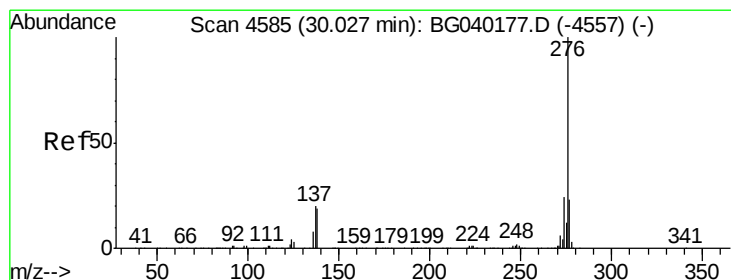
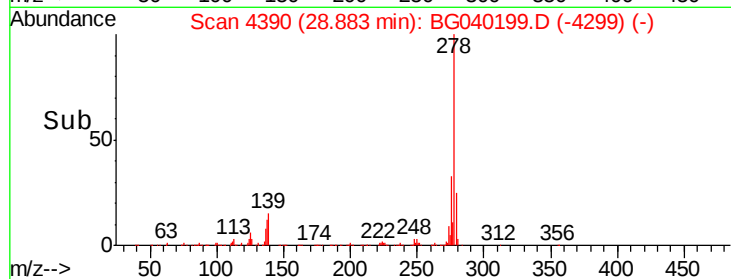
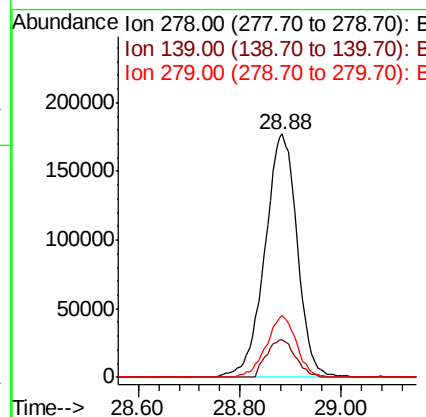
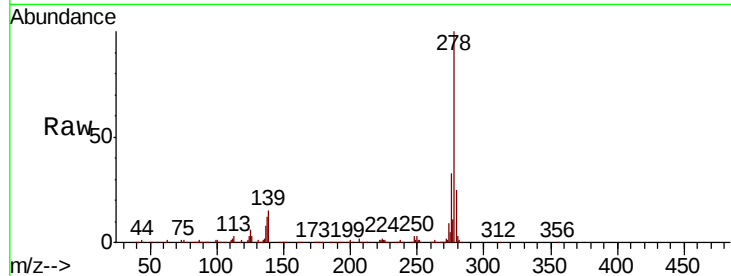
#91
Dibenzo(a,h)anthracene
Concen: 44.079 ng
RT: 28.88 min Scan# 4390
Delta R.T. 0.00 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Instrument :
BNA_G
ClientSampleId :
PB118351BS

Tot Ion:	278	Resp:	786119
Ion Ratio	Lower	Upper	
278	100		
139	15.4	11.2	16.8
279	25.2	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:24 PM



#92
Benzo(g,h,i)perylene
Concen: 44.210 ng
RT: 30.02 min Scan# 4583
Delta R.T. -0.01 min
Lab File: BG040199.D
Acq: 28 Mar 2019 14:21

Tgt Ion:	276	Resp:	810300
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	18.0	15.2	22.8

