

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
 Data File : BG040370.D
 Acq On : 4 Apr 2019 21:59
 Operator : JU/SJ
 Sample : PB118527BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BS

Manual Integrations
 APPROVED

Sohil
 4/5/2019 12:24:59 PM

Quant Time: Apr 05 02:32:40 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	8.04	152	75528	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	306895	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	190860	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	475596	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	514086	20.00	ng	-0.03
87) Perylene-d12	24.98	264	504818	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	351339	77.33	ng	-0.02
7) Phenol-d6	7.20	99	498931	79.46	ng	-0.02
23) Nitrobenzene-d5	9.22	82	459904	79.65	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	190934	92.57	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1027504	79.77	ng	-0.02
79) Terphenyl-d14	20.02	244	1779030	77.85	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	85651	40.093	ng	98
3) Pyridine	3.90	79	218136	37.924	ng	98
4) n-Nitrosodimethylamine	3.82	42	102656	38.583	ng	# 86
6) Aniline	7.37	93	312201	38.271	ng	98
8) 2-Chlorophenol	7.61	128	210507	39.581	ng	99
9) Benzaldehyde	7.19	77	131330	30.492	ng	97
10) Phenol	7.23	94	272575	39.995	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	213876	39.182	ng	99
12) 1,3-Dichlorobenzene	7.93	146	226143	39.116	ng	96
13) 1,4-Dichlorobenzene	8.08	146	227011	39.424	ng	99
14) 1,2-Dichlorobenzene	8.40	146	215413	39.120	ng	95
15) Benzyl Alcohol	8.29	79	190474	37.668	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	385467	36.795	ng	98
17) 2-Methylphenol	8.48	107	189142	40.107	ng	98
18) Hexachloroethane	9.12	117	83672	38.202	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	164478	36.536	ng	97
20) 3+4-Methylphenols	8.81	107	258705	40.494	ng	98
22) Acetophenone	8.88	105	325908	42.572	ng	# 97
24) Nitrobenzene	9.27	77	245002	40.978	ng	99
25) Isophorone	9.78	82	477136	40.163	ng	97
26) 2-Nitrophenol	9.98	139	120159	42.413	ng	99
27) 2,4-Dimethylphenol	10.02	122	196329	43.628	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	284227	40.439	ng	99
29) 2,4-Dichlorophenol	10.51	162	211690	43.339	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	226980	42.320	ng	98
31) Naphthalene	10.91	128	658712	41.875	ng	99
32) Benzoic acid	10.16	122	107562	39.561	ng	96
33) 4-Chloroaniline	11.03	127	281838	42.003	ng	99
34) Hexachlorobutadiene	11.17	225	137350	40.042	ng	96
35) Caprolactam	11.82	113	80328m	41.441	ng	
36) 4-Chloro-3-methylphenol	12.14	107	242086	43.111	ng	97
37) 2-Methylnaphthalene	12.51	142	498029	42.808	ng	98
38) 1-Methylnaphthalene	12.73	142	472461	41.879	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	254027	41.876	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
 Data File : BG040370.D
 Acq On : 4 Apr 2019 21:59
 Operator : JU/SJ
 Sample : PB118527BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB118527BS

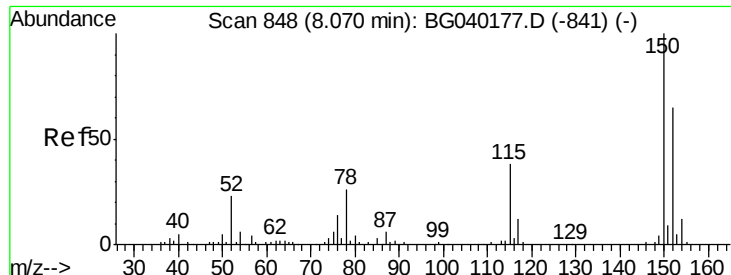
Manual Integrations
 APPROVED

Sohil
 4/5/2019 12:24:59 PM

Quant Time: Apr 05 02:32:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	281623	84.552	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	172259	44.044	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	187934	44.085	ng	96
46) 1,1'-Biphenyl	13.51	154	620994	41.179	ng	100
47) 2-Chloronaphthalene	13.56	162	489949	42.355	ng	99
48) 2-Nitroaniline	13.77	65	167140	42.836	ng	97
49) Acenaphthylene	14.41	152	792503	40.408	ng	99
50) Dimethylphthalate	14.13	163	623582	41.746	ng	99
51) 2,6-Dinitrotoluene	14.27	165	146658	43.726	ng	94
52) Acenaphthene	14.74	154	464936	41.371	ng	98
53) 3-Nitroaniline	14.60	138	147778	41.624	ng	94
54) 2,4-Dinitrophenol	14.81	184	167245	93.761	ng	86
55) Dibenzofuran	15.08	168	770687	42.677	ng	99
56) 4-Nitrophenol	14.90	139	247448	86.357	ng	98
57) 2,4-Dinitrotoluene	15.05	165	208556	44.751	ng	99
58) Fluorene	15.72	166	601502	42.366	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	172898	44.695	ng	99
60) Diethylphthalate	15.48	149	656701	42.963	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	325438	42.882	ng	97
62) 4-Nitroaniline	15.76	138	172803	45.354	ng	98
63) Azobenzene	16.00	77	599460	41.577	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	131725	49.299	ng	89
66) n-Nitrosodiphenylamine	15.93	169	566446	40.701	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	214988	40.169	ng	96
68) Hexachlorobenzene	16.72	284	222466	41.341	ng	99
69) Atrazine	16.87	200	197476	38.144	ng	97
70) Pentachlorophenol	17.07	266	233550	75.069	ng	97
71) Phenanthrene	17.47	178	1025811	41.035	ng	98
72) Anthracene	17.56	178	1044129	41.730	ng	97
73) Carbazole	17.83	167	998972	42.187	ng	99
74) Di-n-butylphthalate	18.36	149	1168935	41.645	ng	100
75) Fluoranthene	19.47	202	1289262	43.555	ng	98
77) Benzidine	19.66	184	946490	50.985	ng	99
78) Pyrene	19.84	202	1317307	38.966	ng	97
80) Butylbenzylphthalate	20.70	149	601016	41.546	ng	96
81) Benzo(a)anthracene	21.67	228	1313507	41.481	ng	97
82) 3,3'-Dichlorobenzidine	21.59	252	499693	41.484	ng	100
83) Chrysene	21.74	228	1243928	40.876	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	843135	40.772	ng	99
85) Di-n-octyl phthalate	22.77	149	1459471	41.424	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1587423	42.649	ng	# 92
88) Benzo(b)fluoranthene	23.92	252	1383098	44.750	ng	98
89) Benzo(k)fluoranthene	24.00	252	1329995	46.794	ng	99
90) Benzo(a)pyrene	24.82	252	1362327	46.979	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	1285966	47.747	ng	98
92) Benzo(g,h,i)perylene	29.93	276	1318196	47.625	ng	97

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



#1

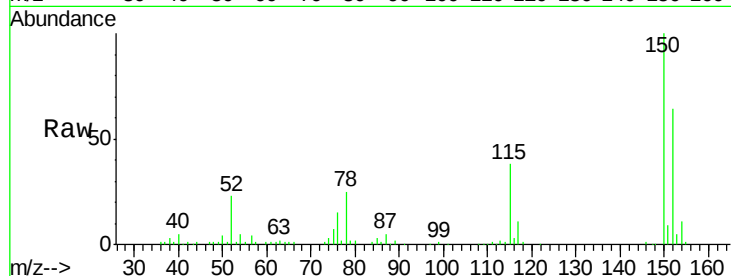
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

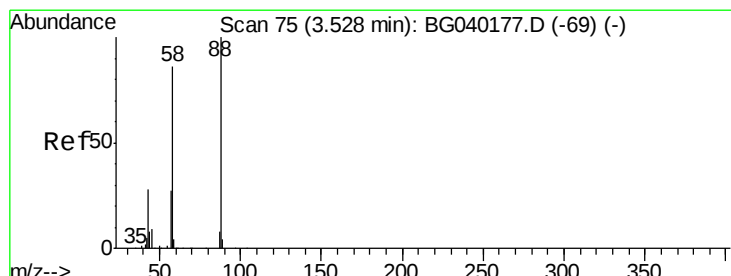
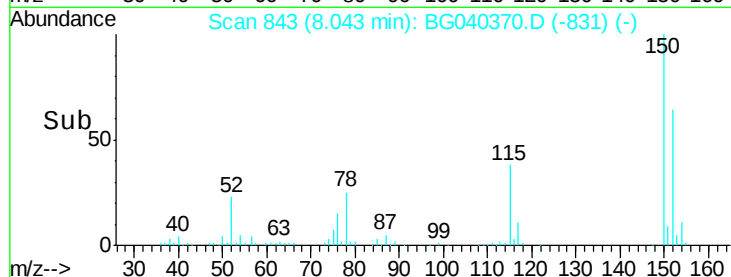
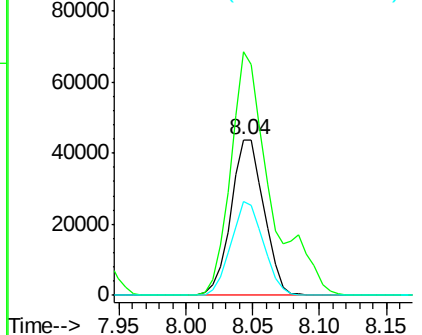
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.7	185.5
115	59.9	46.9	70.3

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



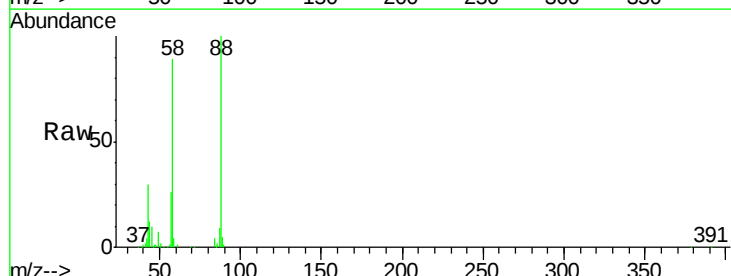
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



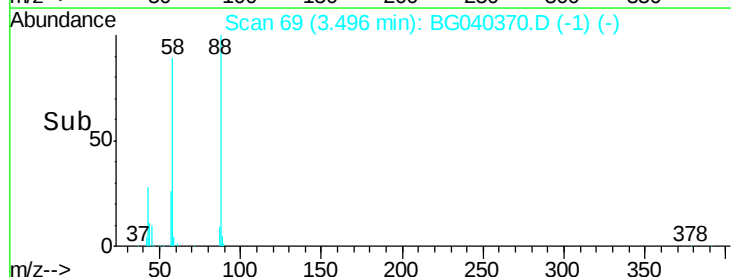
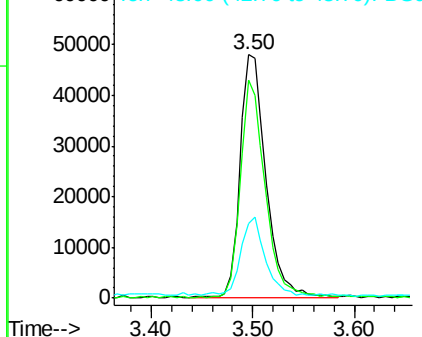
#2

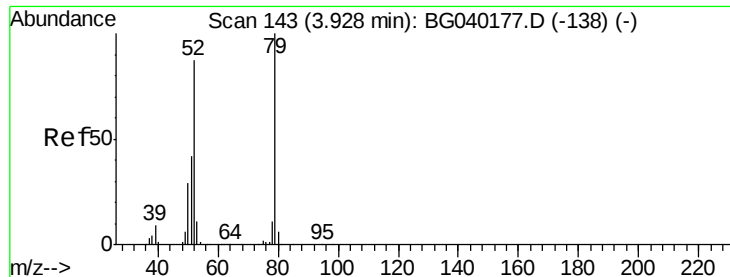
1,4-Dioxane
Concen: 40.093 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	70.6	106.0
43	29.9	24.8	37.2



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





#3

Pyridine

Concen: 37.924 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

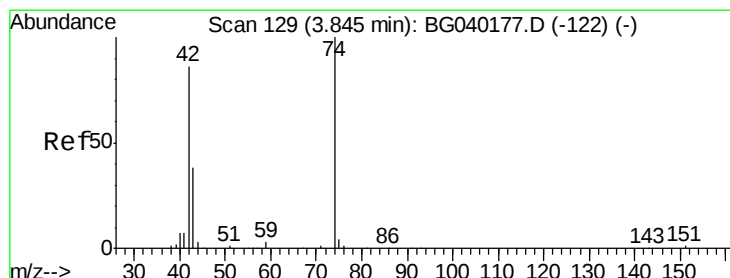
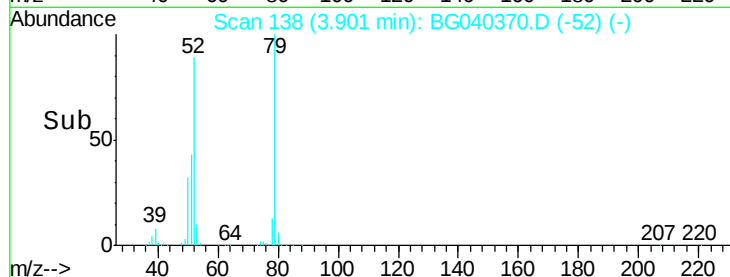
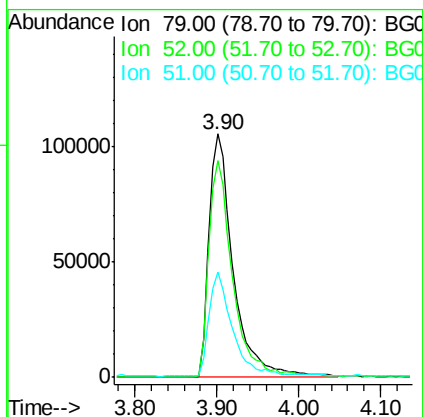
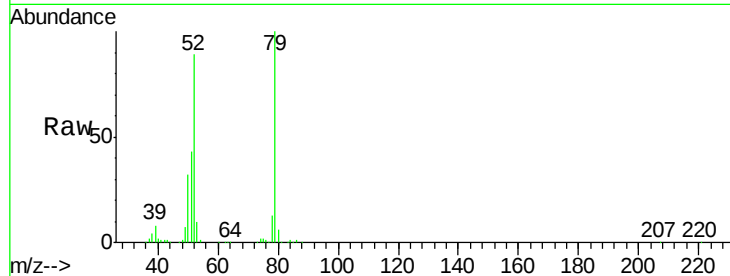
ClientSampleId :

PB118527BS

Tgt Ion:	79	Resp:	218136
Ion Ratio	Lower	Upper	
79	100		
52	89.0	69.8	104.8
51	43.4	33.9	50.9

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



#4

n-Nitrosodimethylamine

Concen: 38.583 ng

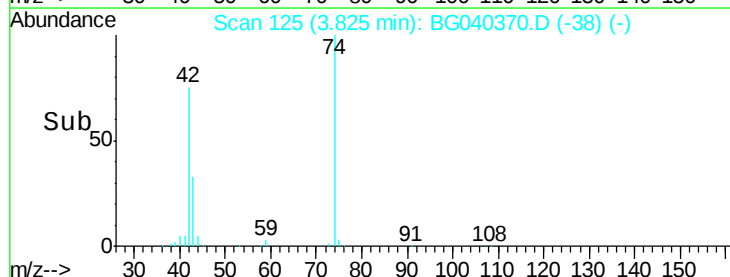
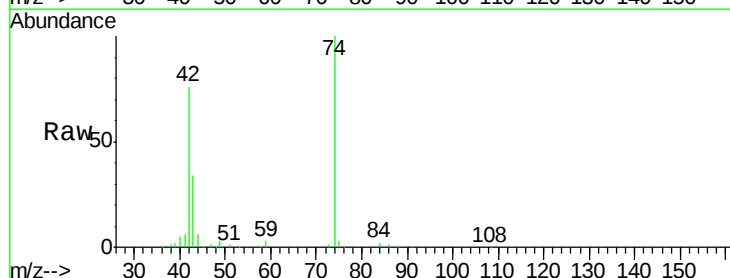
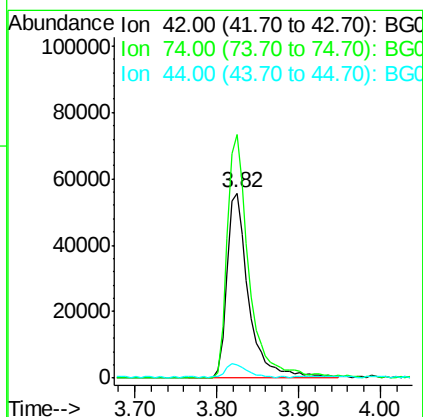
RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion:	42	Resp:	102656
Ion Ratio	Lower	Upper	
42	100		
74	131.7	92.9	139.3
44	7.3	9.7	14.5#





#5

2-Fluorophenol

Concen: 77.332 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

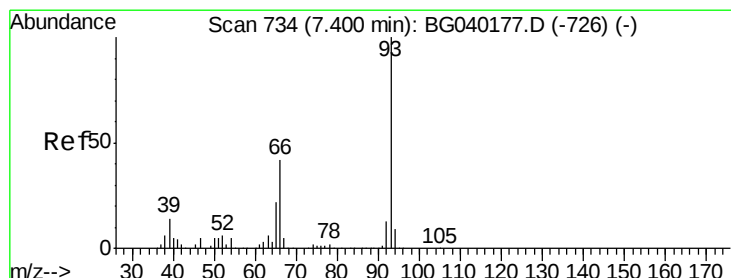
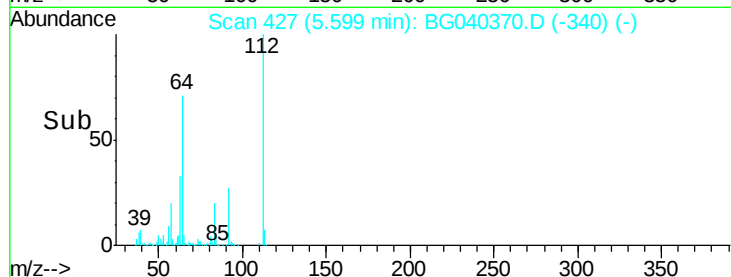
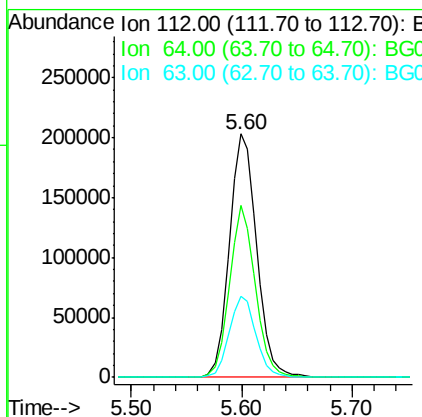
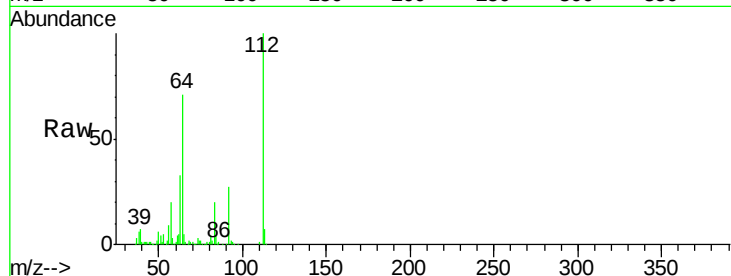
ClientSampled :

PB118527BS

Tgt Ion:	112	Resp:	351339
Ion Ratio	Lower	Upper	
112	100		
64	70.5	54.2	81.2
63	33.4	26.4	39.6

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



#6

Aniline

Concen: 38.271 ng

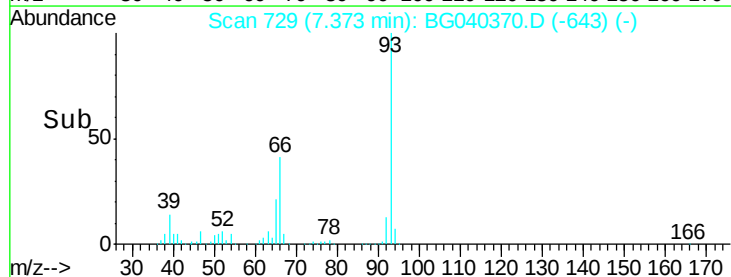
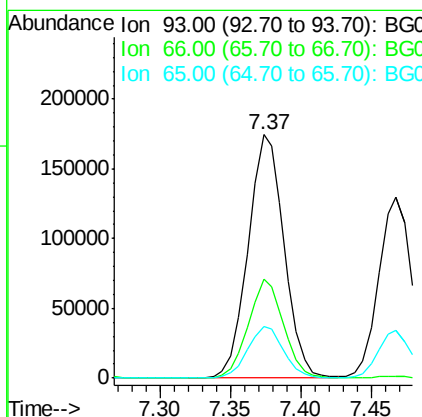
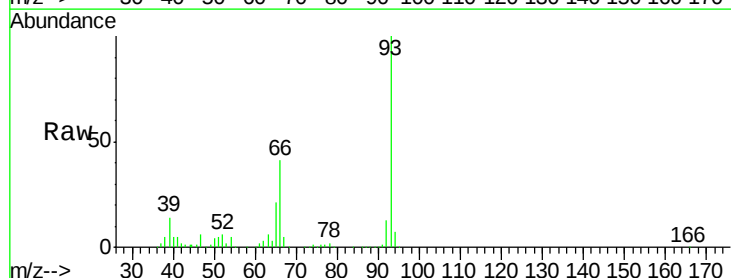
RT: 7.37 min Scan# 729

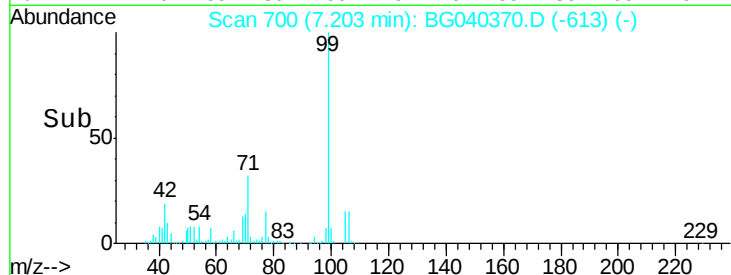
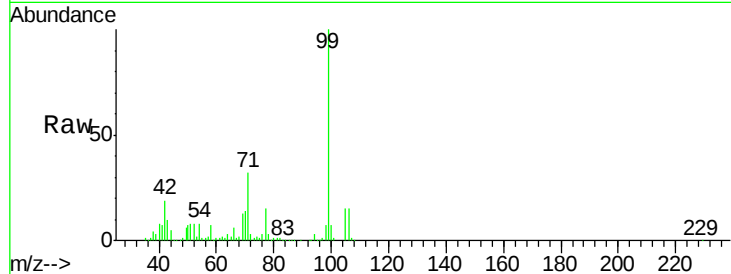
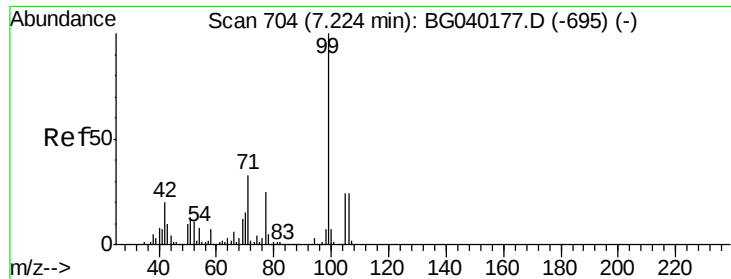
Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion:	93	Resp:	312201
Ion Ratio	Lower	Upper	
93	100		
66	40.9	33.6	50.4
65	21.2	17.4	26.2





#7

Phenol-d6

Concen: 79.462 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		498931		
42	18.5	16.2	24.2		
71	32.3	26.8	40.2		

Instrument :

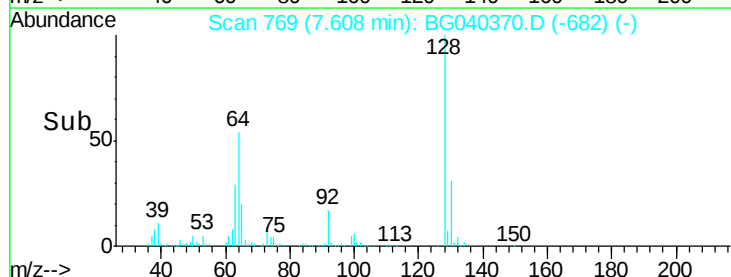
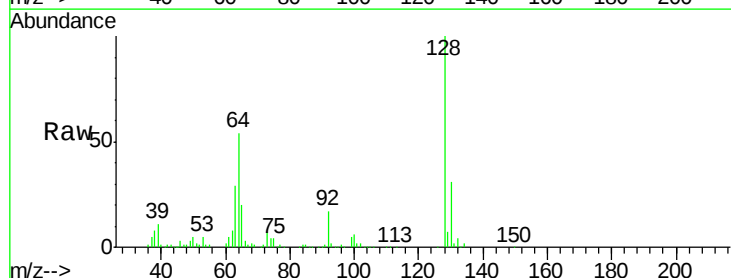
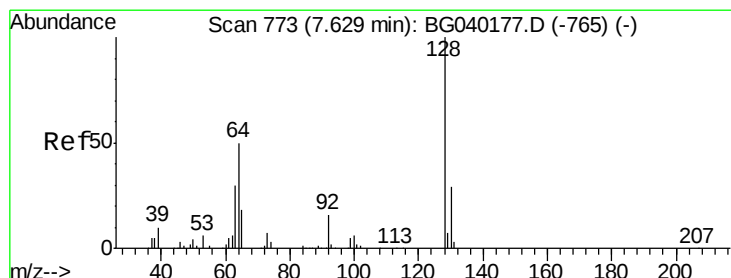
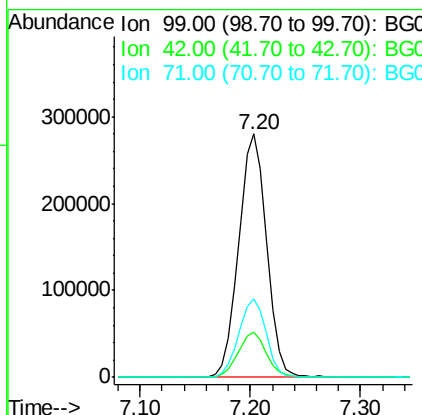
BNA_G

ClientSampleId :

PB118527BS

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



#8

2-Chlorophenol

Concen: 39.581 ng

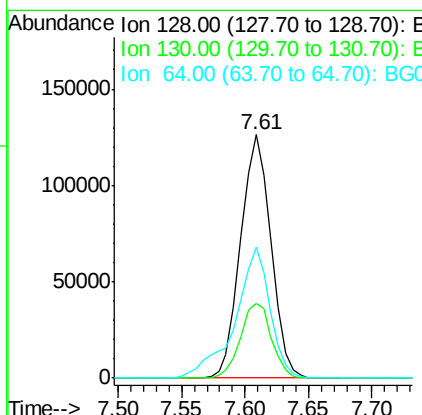
RT: 7.61 min Scan# 769

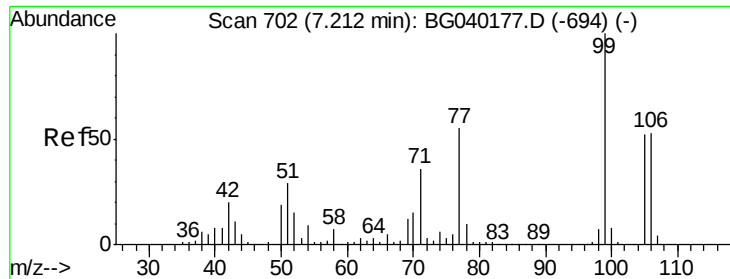
Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		210507		
130	30.5	9.1	49.1		
64	53.6	33.1	73.1		





#9

Benzaldehyde

Concen: 30.492 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

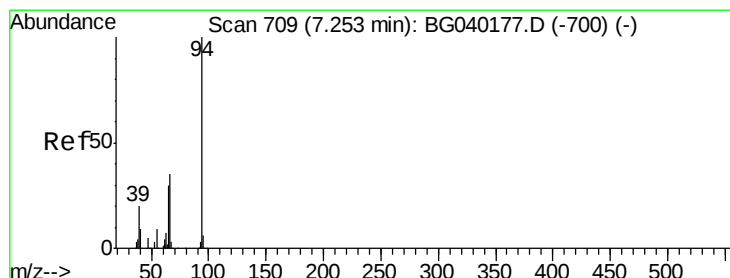
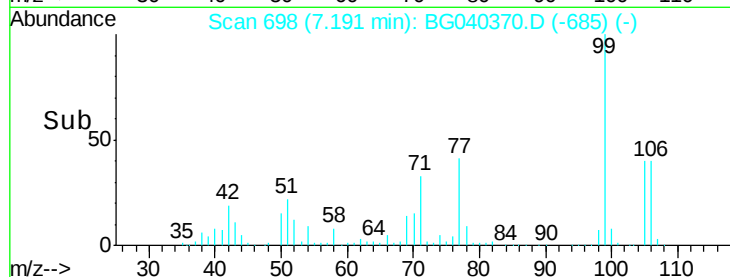
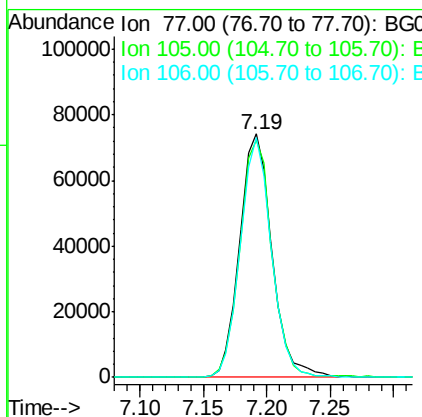
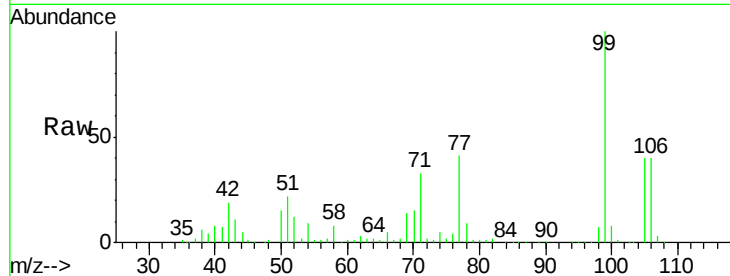
ClientSampled :

PB118527BS

Tgt Ion:	77	Resp:	131330
Ion Ratio	Lower	Upper	
77	100		
105	97.4	75.0	115.0
106	98.2	75.7	115.7

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



#10

Phenol

Concen: 39.995 ng

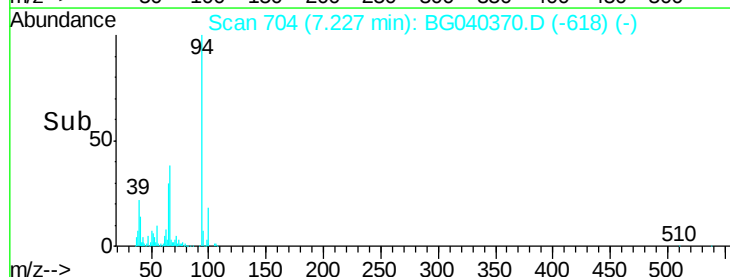
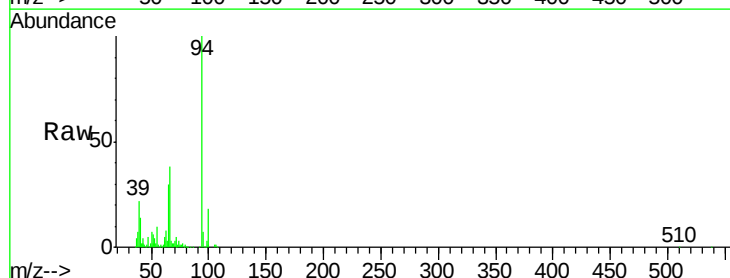
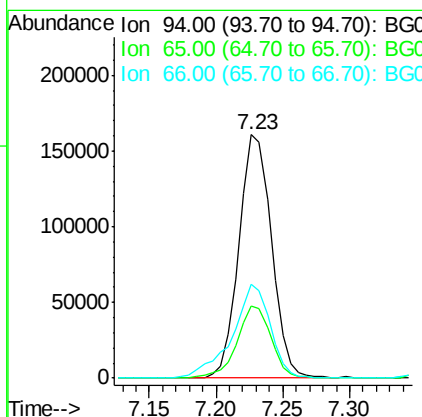
RT: 7.23 min Scan# 704

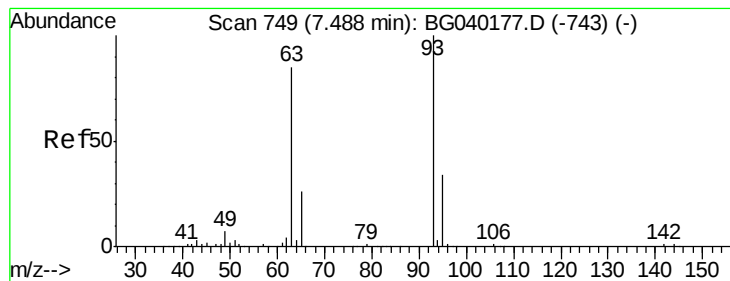
Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion:	94	Resp:	272575
Ion Ratio	Lower	Upper	
94	100		
65	29.9	10.5	50.5
66	38.4	16.9	56.9





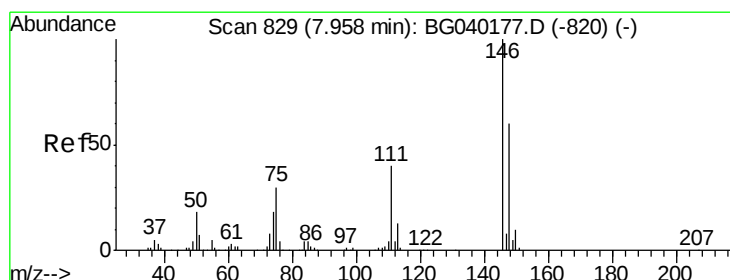
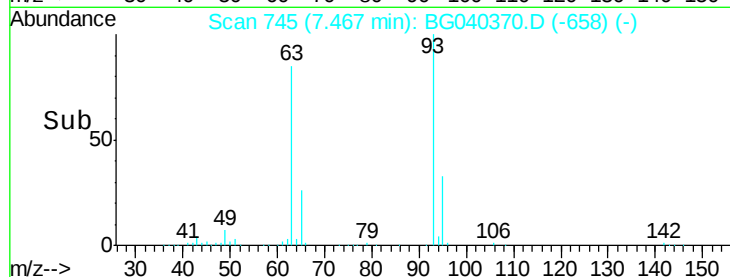
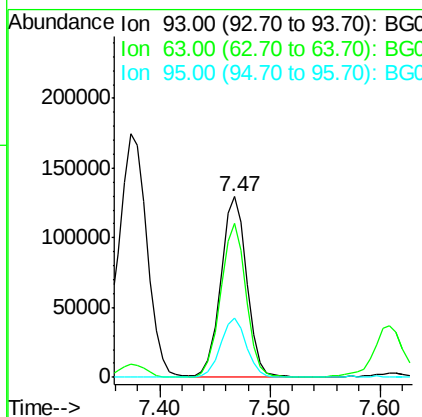
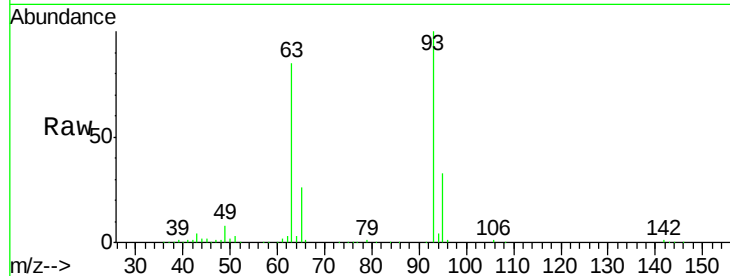
#11
bis(2-Chloroethyl)ether
Concen: 39.182 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	213876		
63	85.4	64.2	104.2	
95	33.0	14.0	54.0	

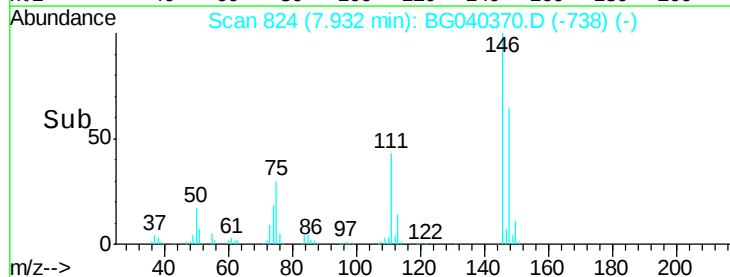
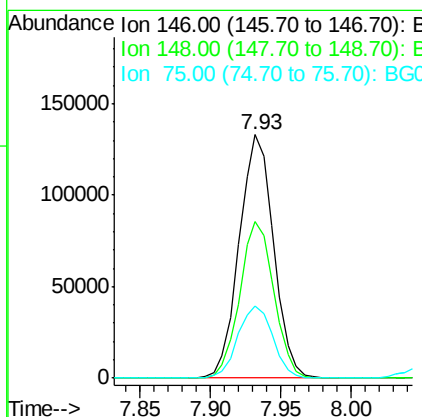
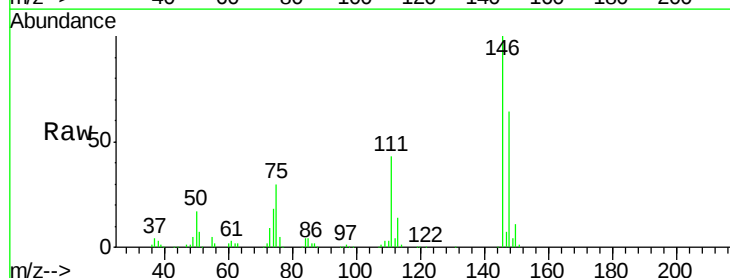
Manual Integrations
APPROVED

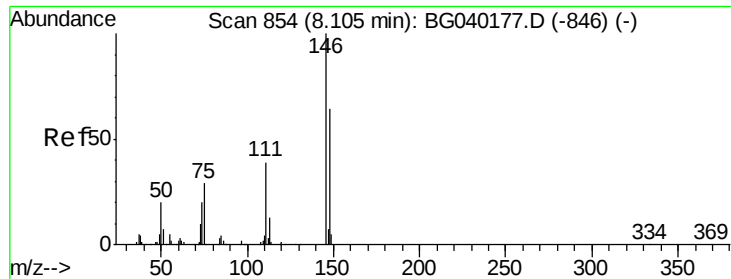
Sohil
4/5/2019 12:24:59 PM



#12
1,3-Dichlorobenzene
Concen: 39.116 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	226143		
148	64.1	48.2	72.2	
75	29.7	24.1	36.1	





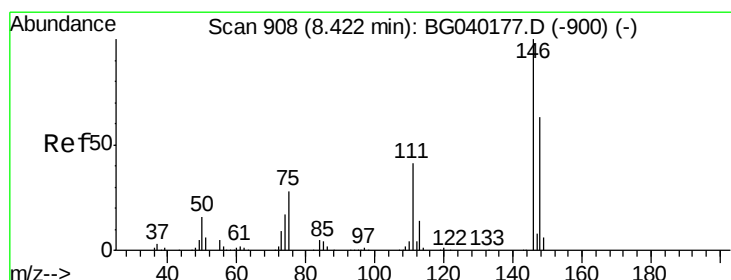
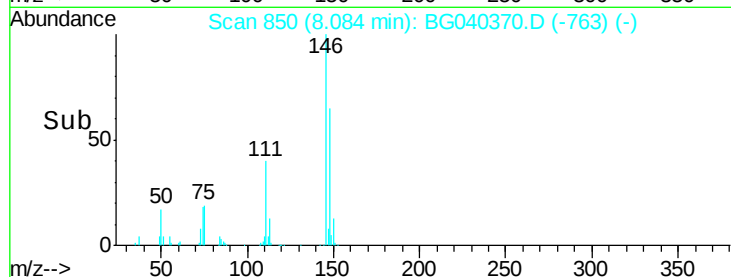
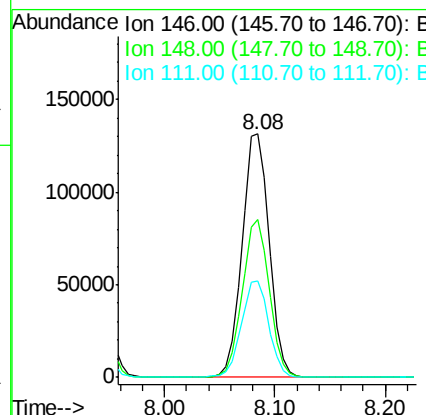
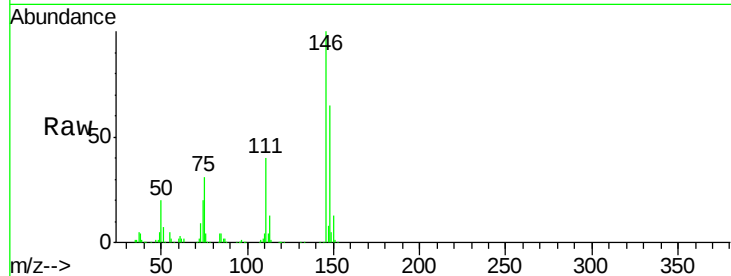
#13
1,4-Dichlorobenzene
Concen: 39.424 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.4
111	39.8	31.8	47.6

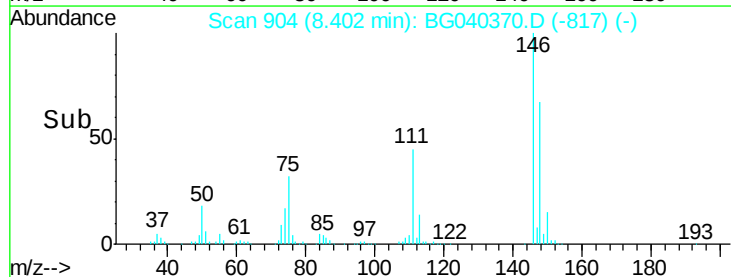
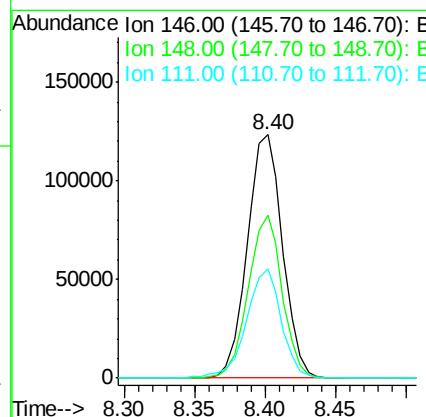
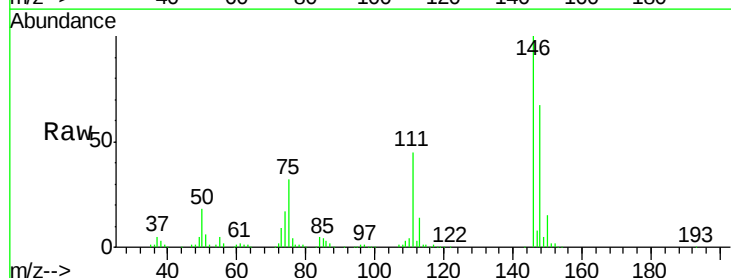
Manual Integrations
APPROVED

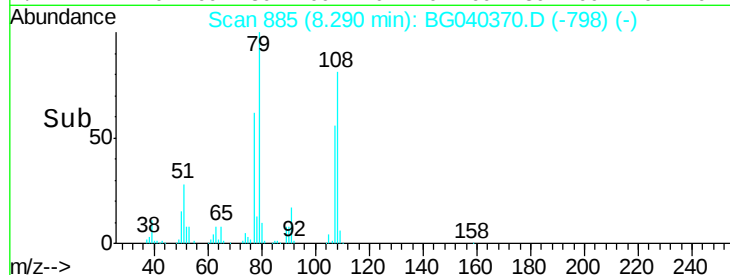
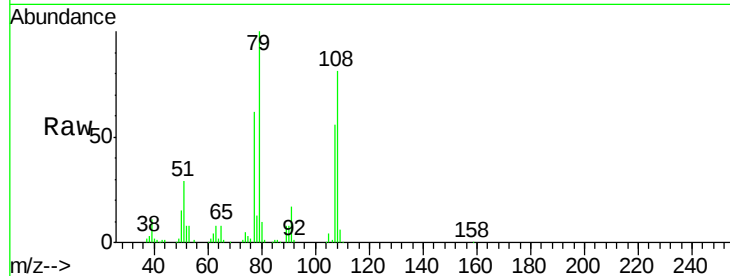
Sohil
4/5/2019 12:24:59 PM



#14
1,2-Dichlorobenzene
Concen: 39.120 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	50.8	76.2
111	45.0	33.4	50.0





#15

Benzyl Alcohol

Concen: 37.668 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	190474		
108	81.4	62.1	93.1	
77	61.6	51.9	77.9	

Instrument :

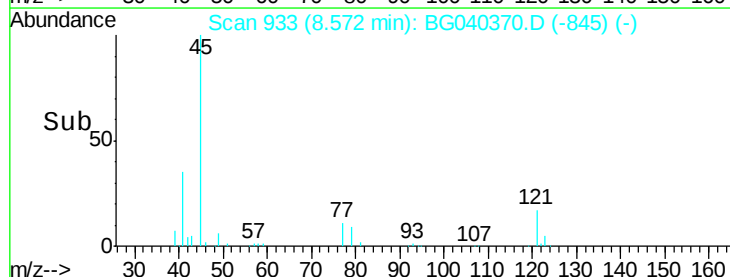
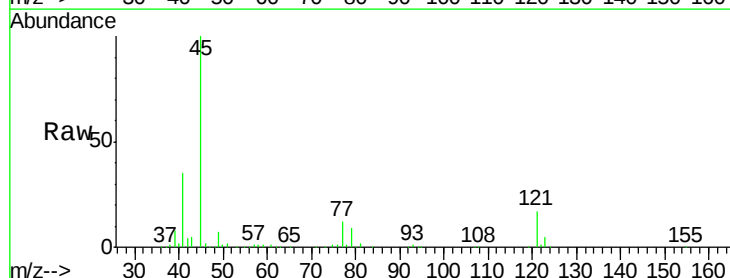
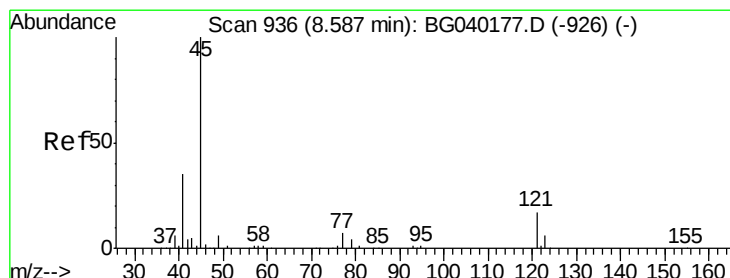
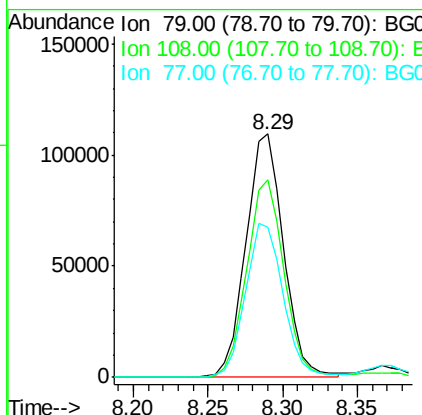
BNA_G

ClientSampled :

PB118527BS

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.795 ng

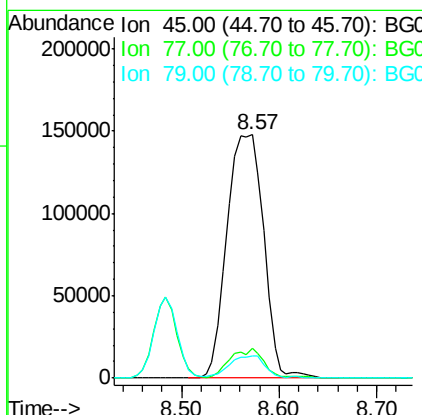
RT: 8.57 min Scan# 933

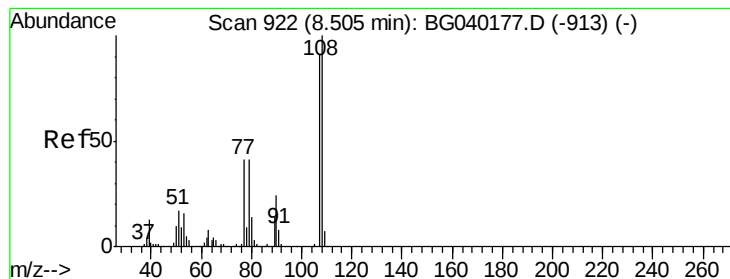
Delta R.T. -0.01 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	385467		
77	12.0	0.0	31.4	
79	9.1	0.0	28.3	





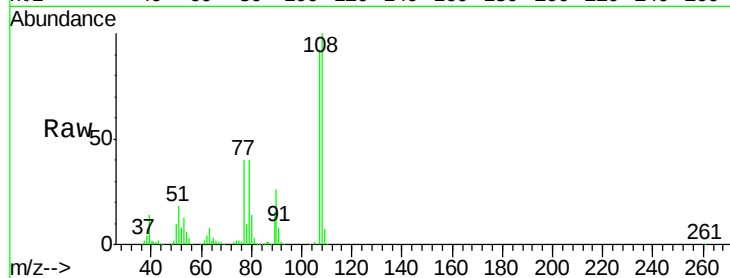
#17
2-Methylphenol
Concen: 40.107 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

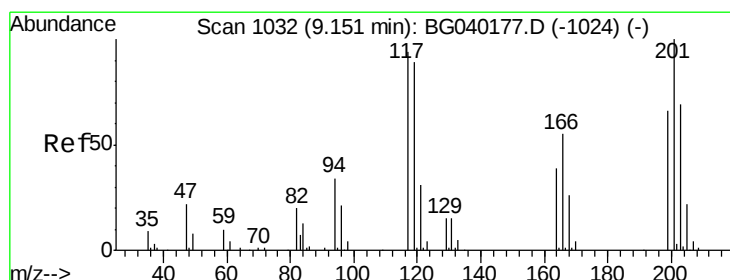
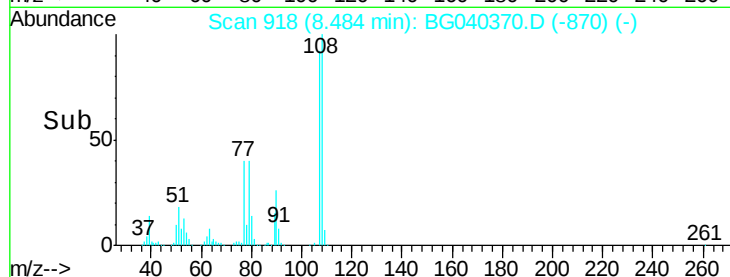
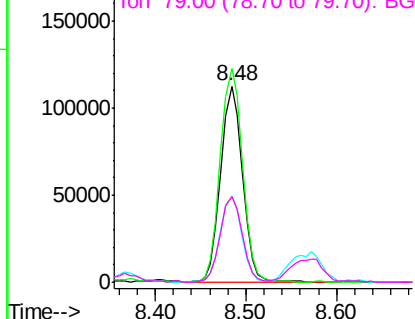
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.9	88.2	132.4	
77	44.0	36.6	55.0	
79	43.5	36.5	54.7	

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM

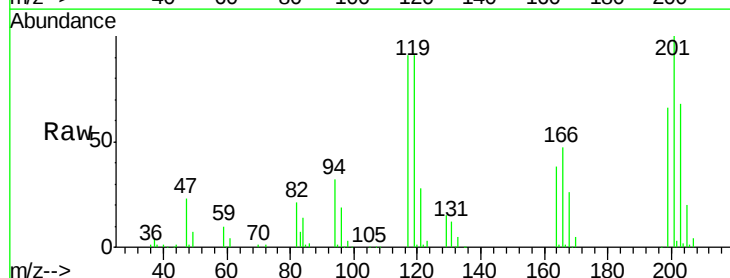


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

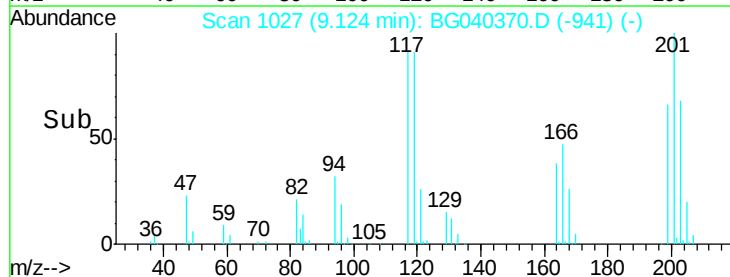
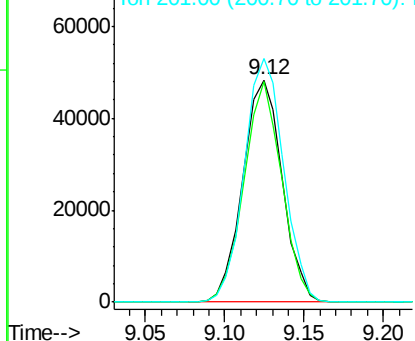


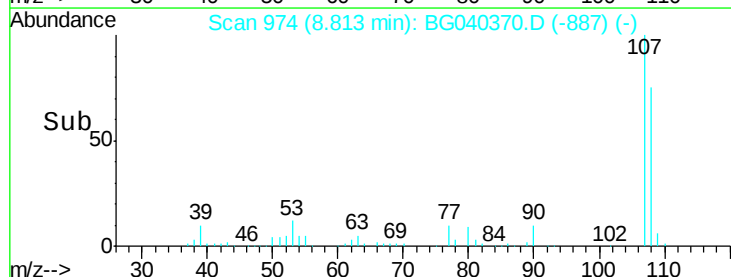
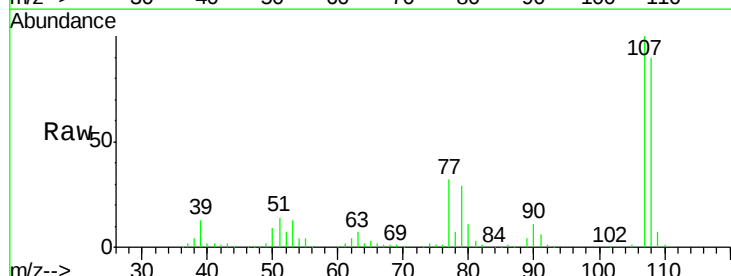
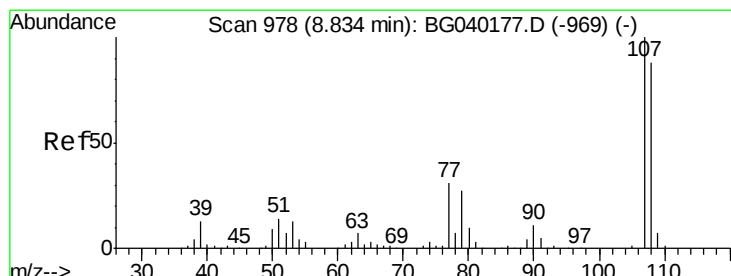
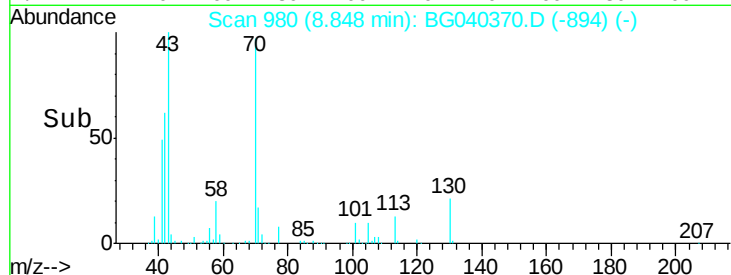
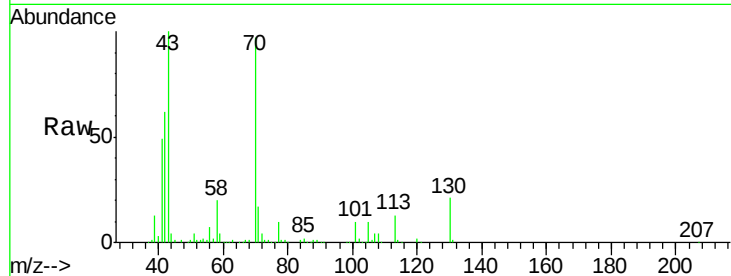
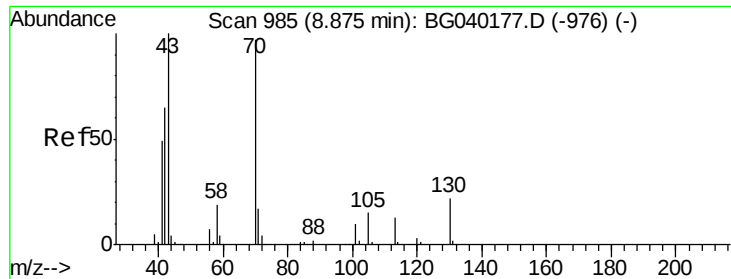
#18
Hexachloroethane
Concen: 38.202 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.3	76.6	115.0	
201	109.7	85.0	127.4	



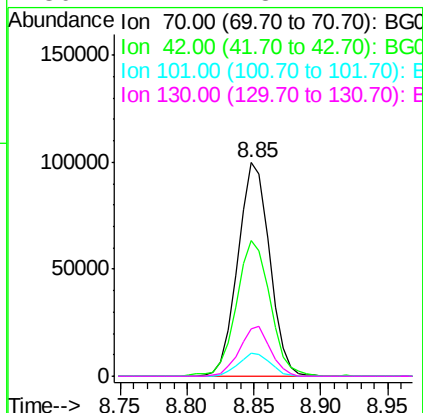
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 36.536 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.8	54.0	81.0	
101	10.5	8.6	13.0	
130	22.1	18.2	27.2	



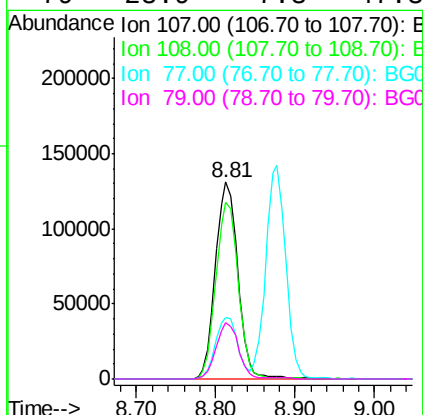
Instrument :
BNA_G
ClientSampleId :
PB118527BS

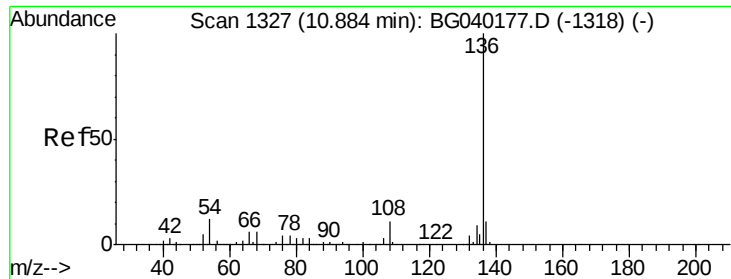
Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM

#20
3+4-Methylphenols
Concen: 40.494 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	68.3	108.3	
77	31.5	11.3	51.3	
79	28.9	7.3	47.3	





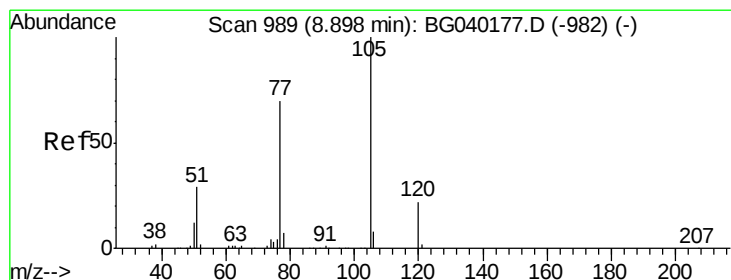
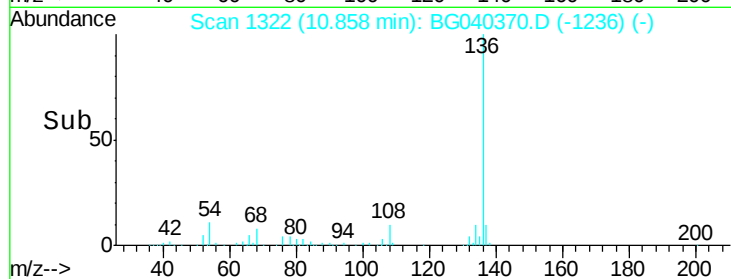
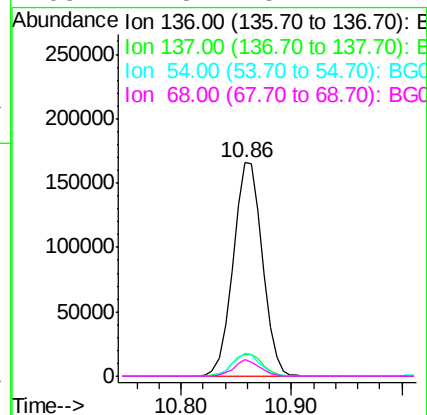
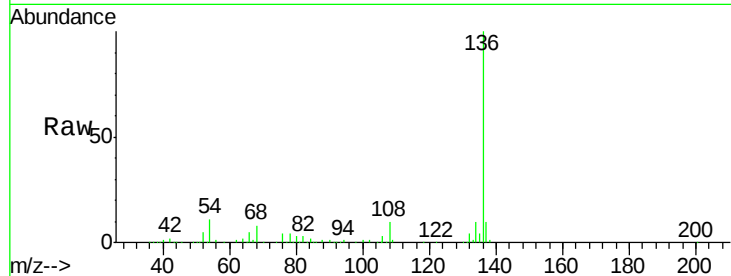
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	306895		
137	10.3	8.9	13.3	
54	10.7	9.6	14.4	
68	7.8	5.1	7.7#	

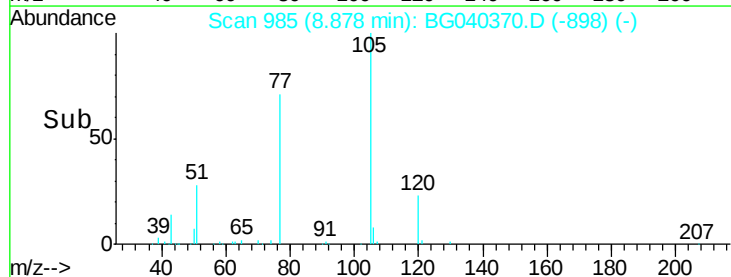
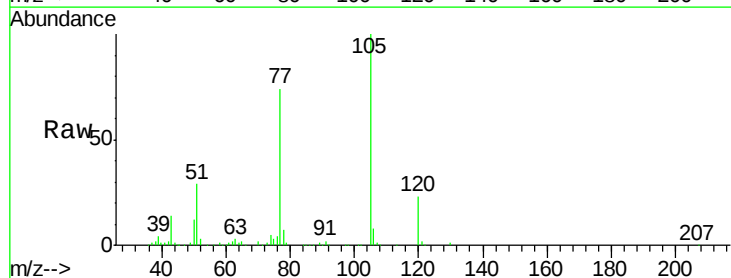
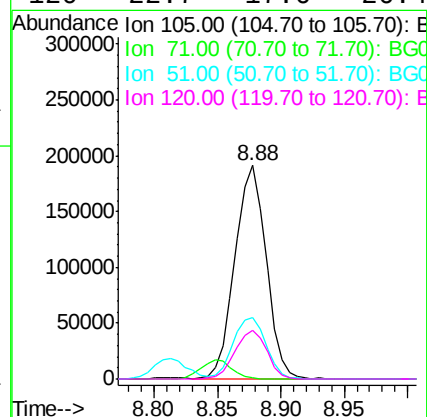
Manual Integrations
APPROVED

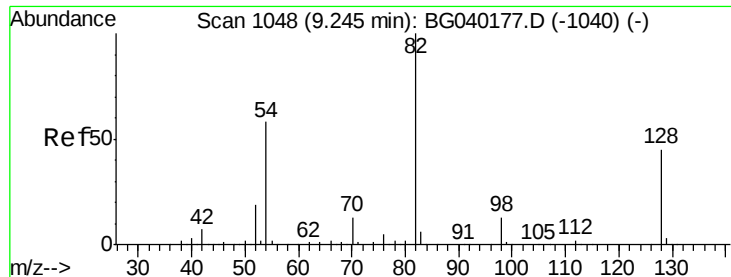
Sohil
4/5/2019 12:24:59 PM



#22
Acetophenone
Concen: 42.572 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	325908		
71	0.3	0.6	1.0#	
51	28.8	25.1	37.7	
120	22.7	17.6	26.4	





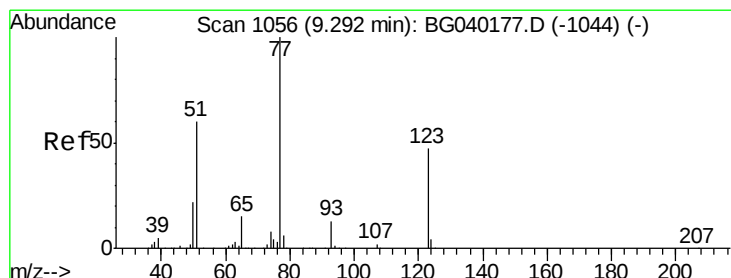
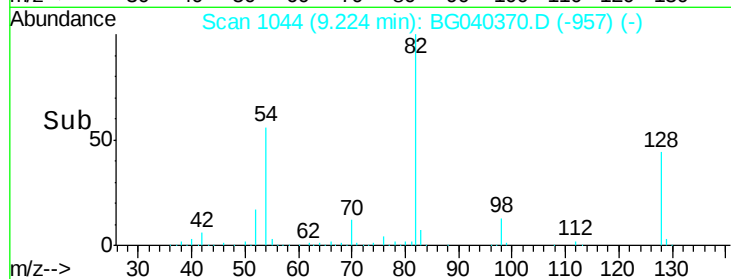
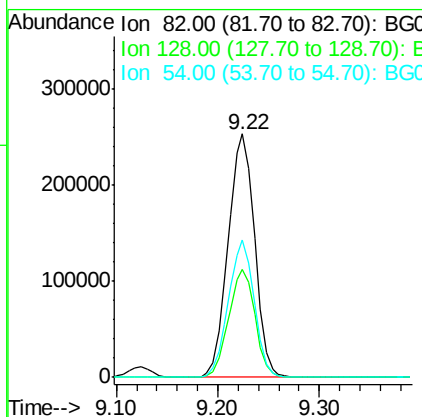
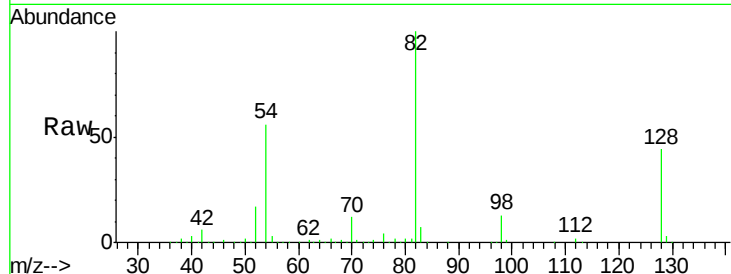
#23
 Nitrobenzene-d5
 Concen: 79.654 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	459904		
128	44.4	35.8	53.8	
54	56.2	46.2	69.2	

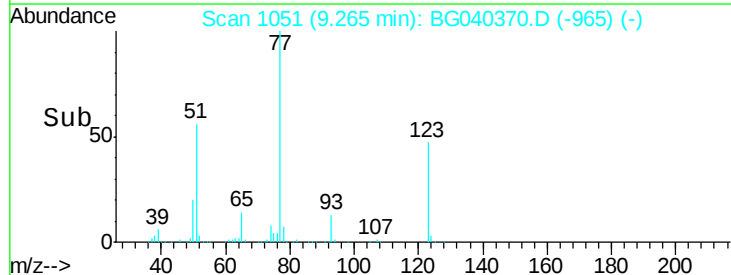
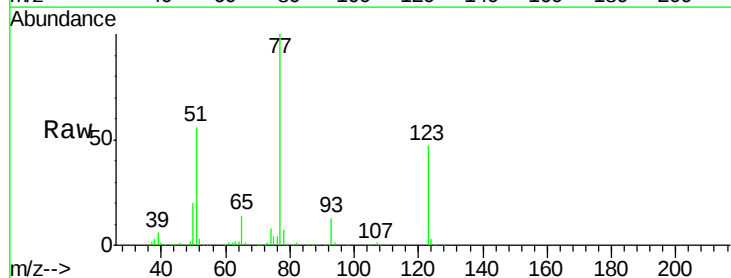
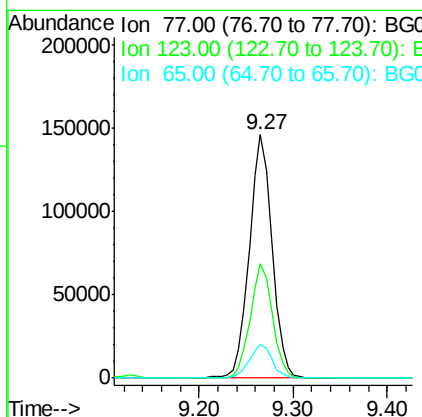
Manual Integrations
 APPROVED

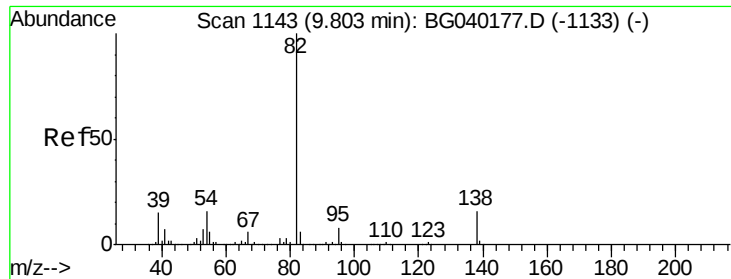
Sohil
 4/5/2019 12:24:59 PM



#24
 Nitrobenzene
 Concen: 40.978 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	245002		
123	46.8	37.8	56.6	
65	13.6	12.0	18.0	





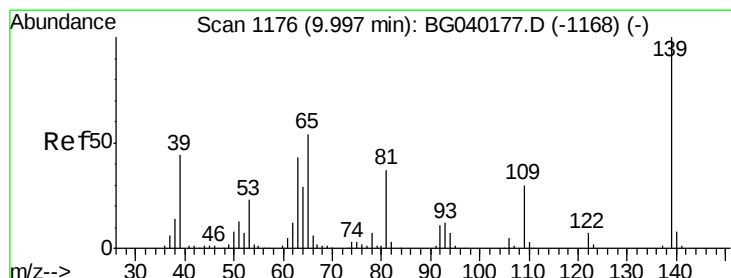
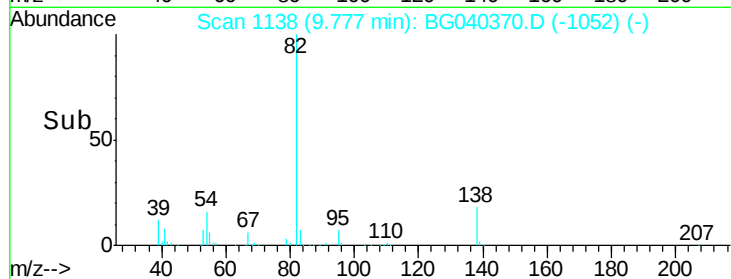
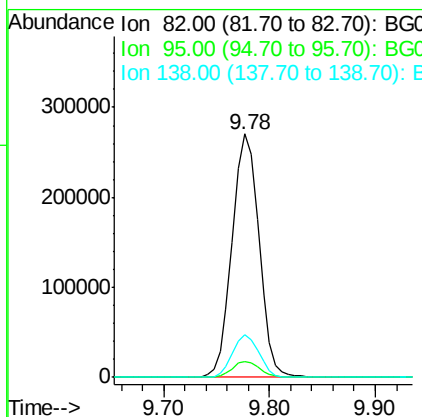
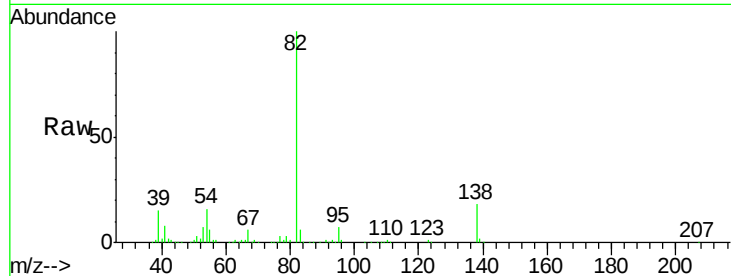
#25
Isophorone
Concen: 40.163 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	477136		
95	6.7		6.1	9.1
138	17.6		13.2	19.8

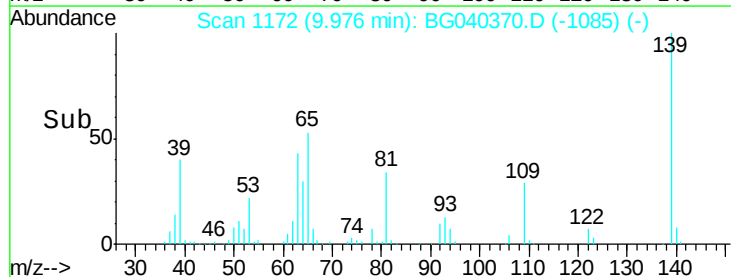
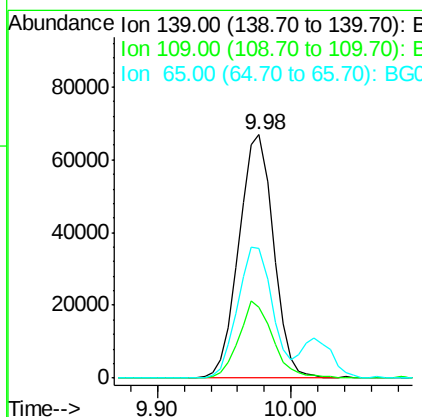
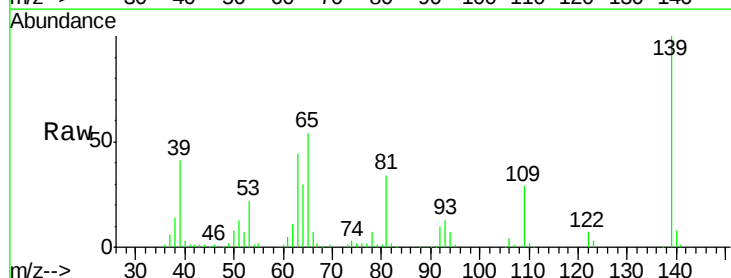
Manual Integrations
APPROVED

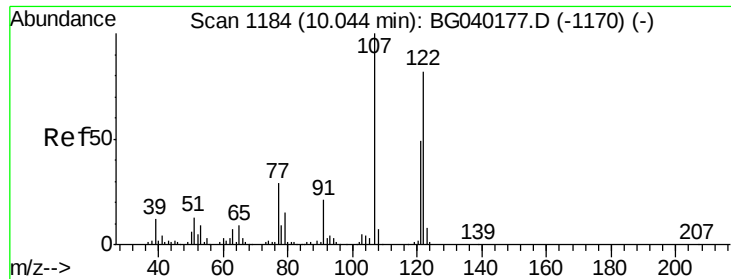
Sohil
4/5/2019 12:24:59 PM



#26
2-Nitrophenol
Concen: 42.413 ng
RT: 9.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	120159		
109	29.2		24.1	36.1
65	53.5		43.0	64.6





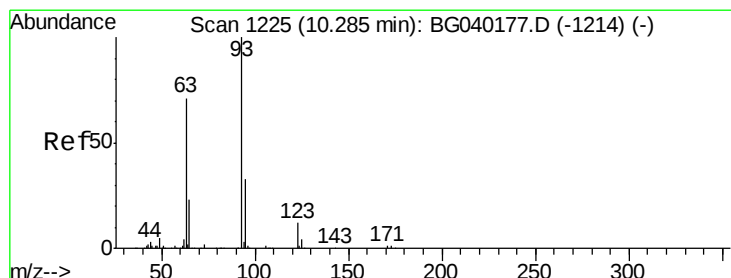
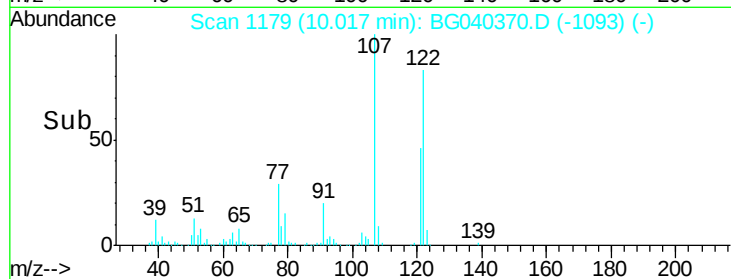
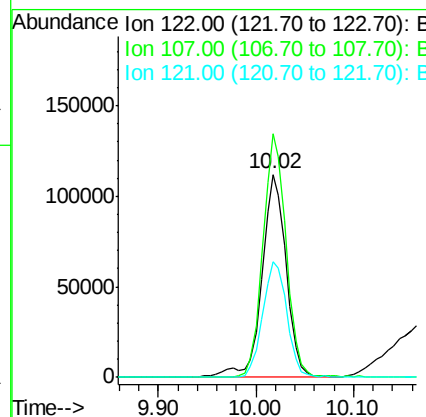
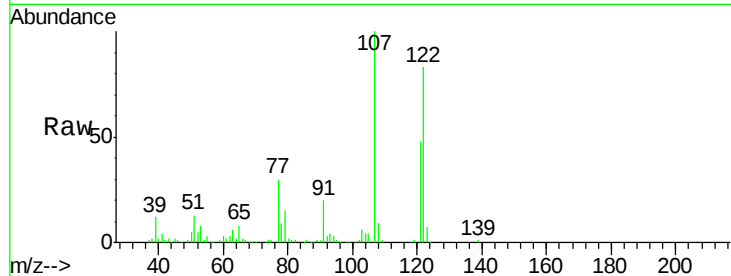
#27
2,4-Dimethylphenol
Concen: 43.628 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	196329		
107	120.1	97.4	146.2	
121	57.2	47.7	71.5	

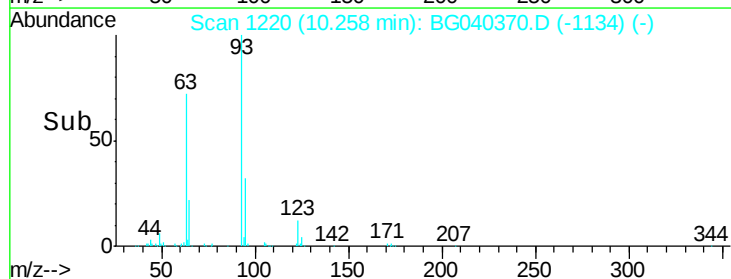
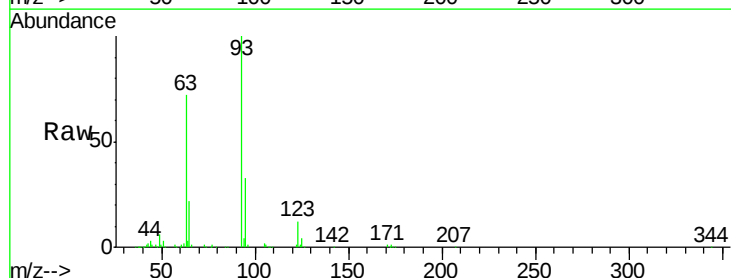
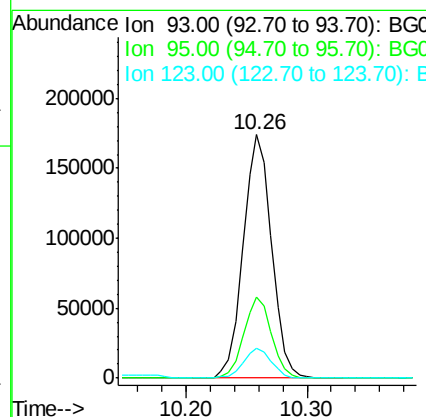
Manual Integrations
APPROVED

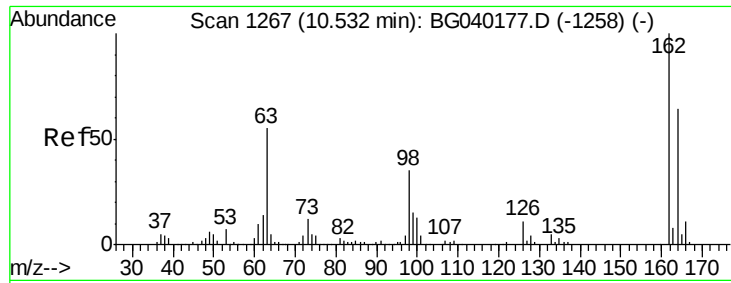
Sohil
4/5/2019 12:24:59 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.439 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	284227		
95	33.1	26.2	39.4	
123	12.3	9.4	14.0	





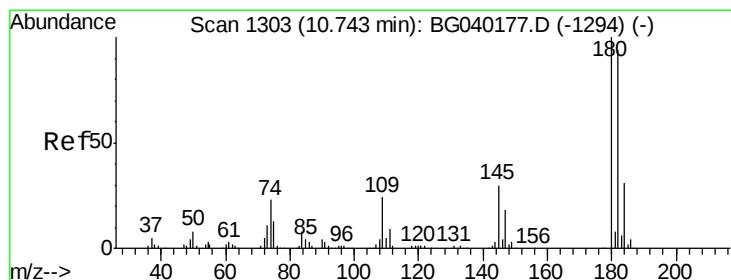
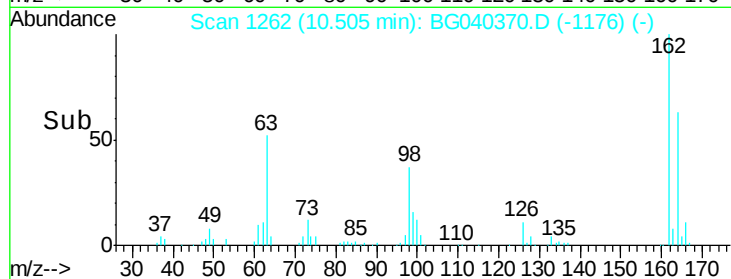
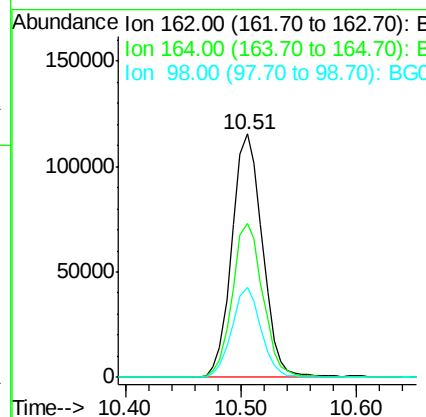
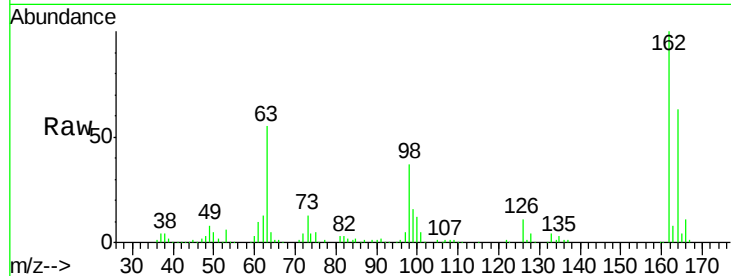
#29
 2,4-Dichlorophenol
 Concen: 43.339 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	211690		
164	63.1	43.9	83.9	
98	36.9	15.6	55.6	

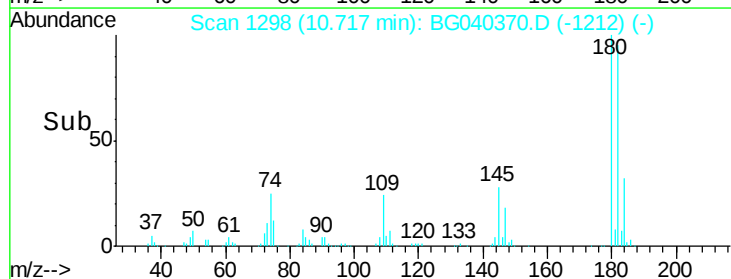
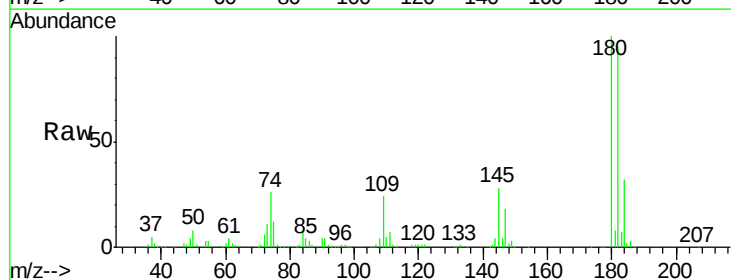
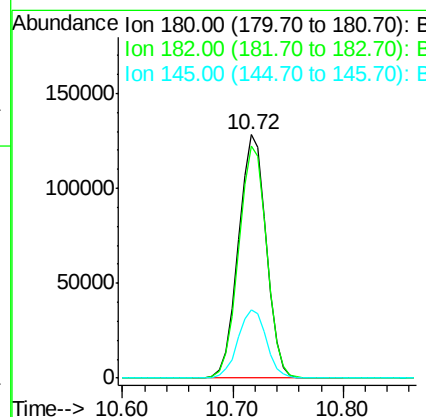
Manual Integrations
 APPROVED

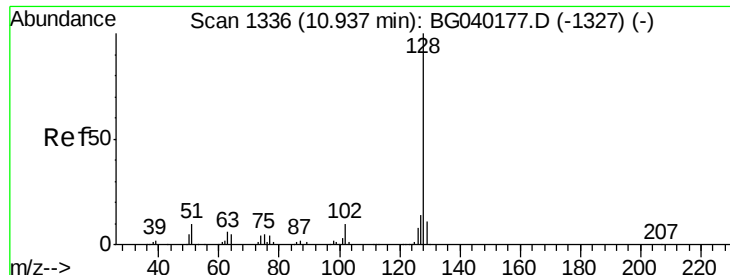
Sohil
 4/5/2019 12:24:59 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.320 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	226980		
182	95.2	75.1	112.7	
145	28.2	24.1	36.1	





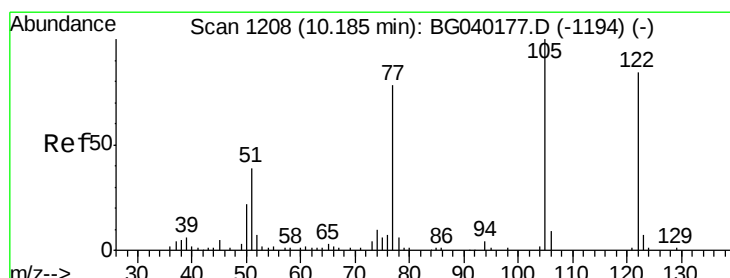
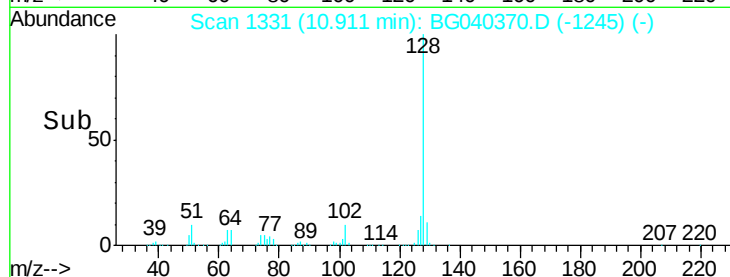
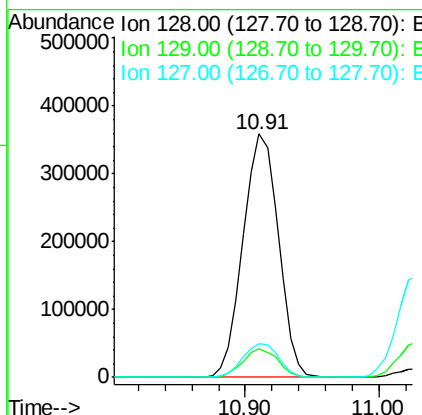
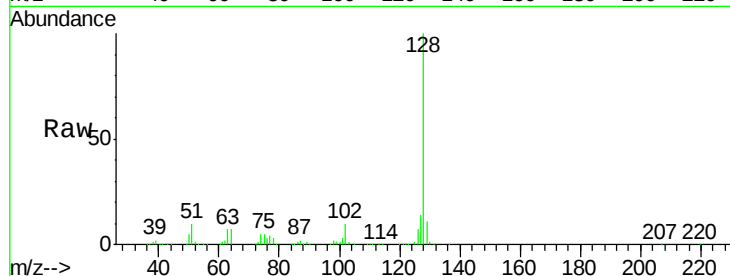
#31
Naphthalene
Concen: 41.875 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	658712		
129	11.5	8.9	13.3	
127	13.9	11.4	17.0	

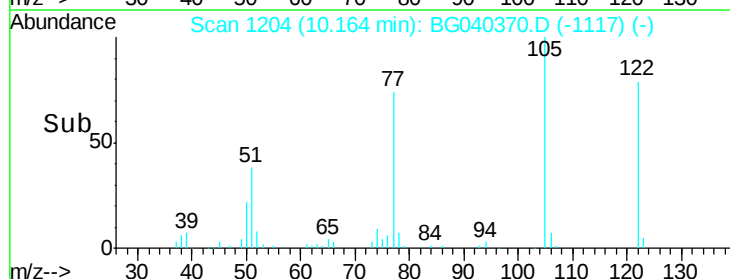
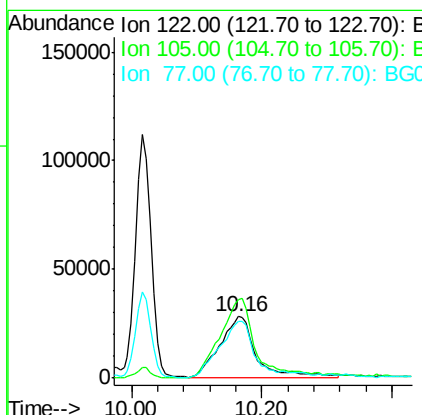
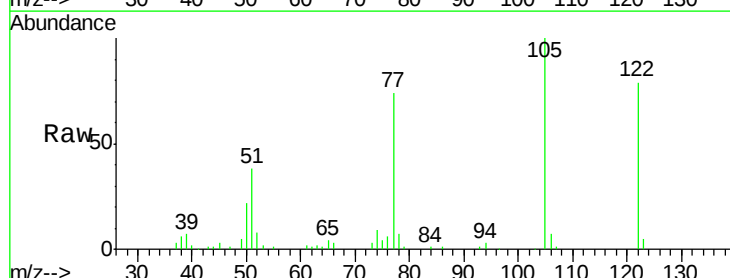
Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



#32
Benzoic acid
Concen: 39.561 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	107562		
105	126.3	98.2	138.2	
77	92.9	73.6	113.6	





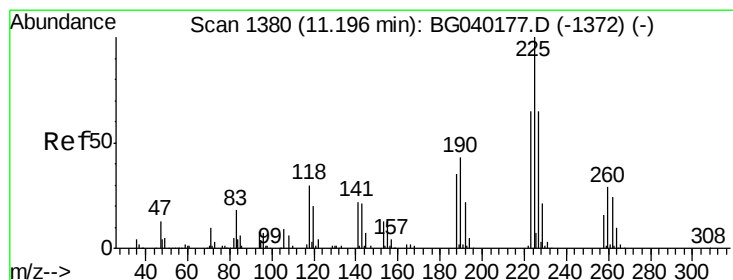
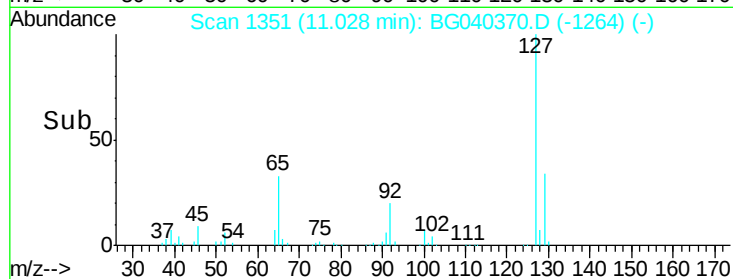
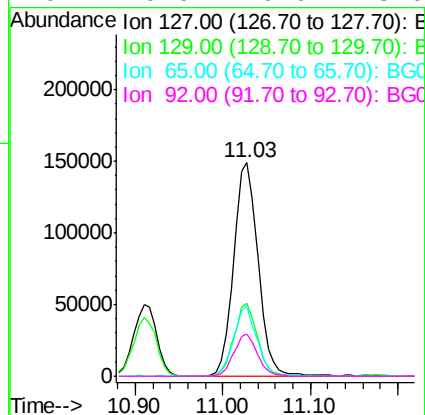
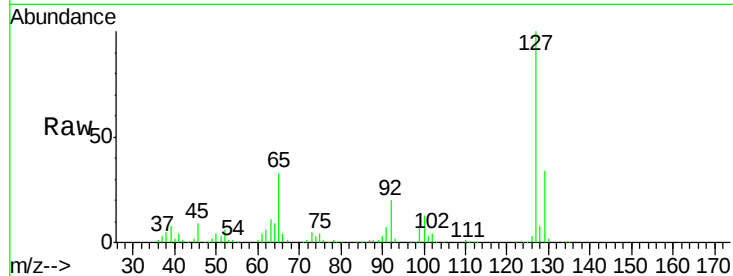
#33
4-Chloroaniline
Concen: 42.003 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	281838		
129	34.0	26.6	40.0	
65	32.9	27.0	40.4	
92	19.9	16.6	25.0	

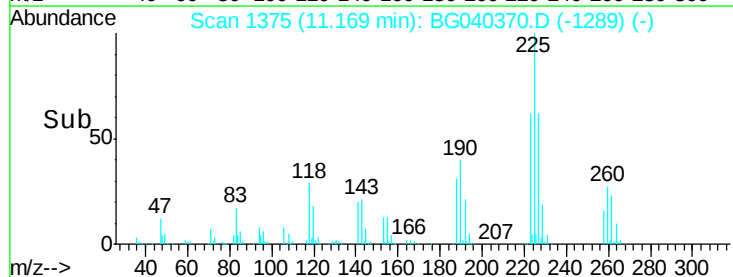
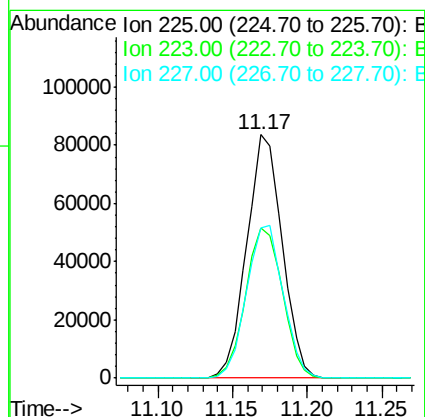
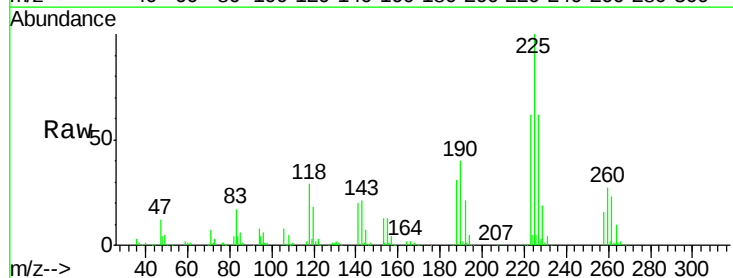
Manual Integrations
APPROVED

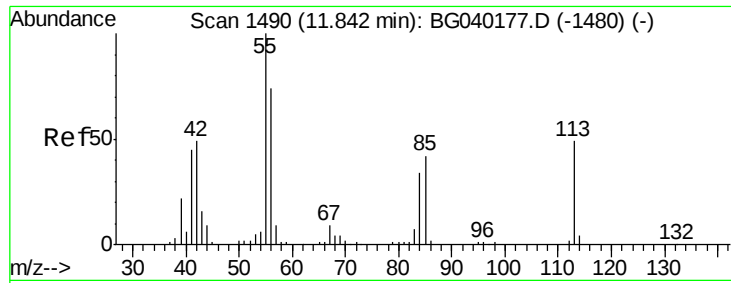
Sohil
4/5/2019 12:24:59 PM



#34
Hexachlorobutadiene
Concen: 40.042 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	137350		
223	61.8	51.8	77.8	
227	65.3	54.9	82.3	





#35

Caprolactam

Concen: 41.441 ng m

RT: 11.82 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

PB118527BS

Tgt Ion:113 Resp: 80328

Ion Ratio Lower Upper

113 100

55 195.2 184.2 224.2

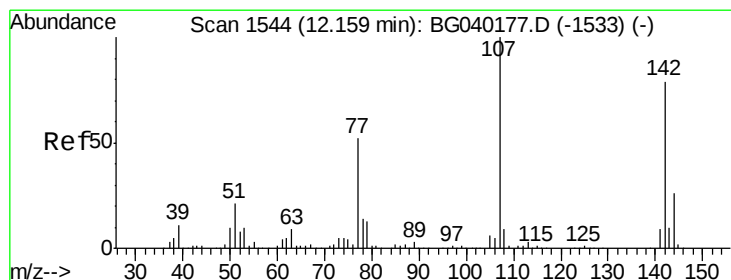
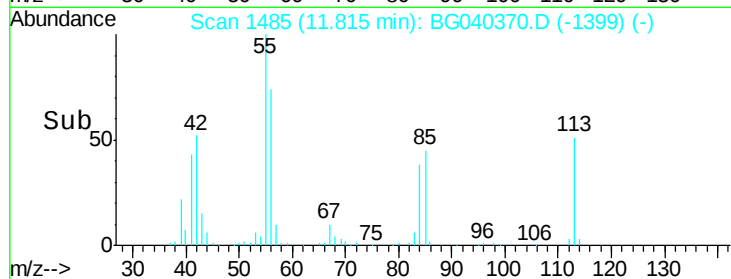
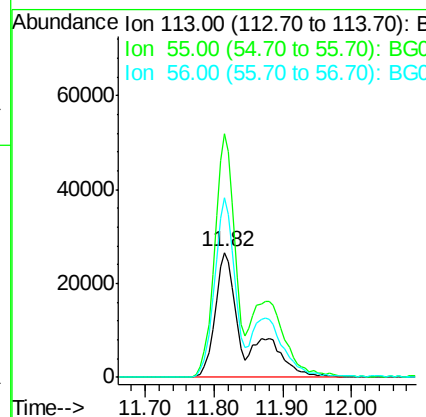
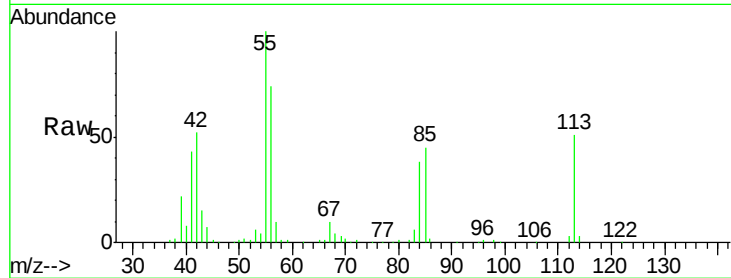
56 144.5 131.3 171.3

Manual Integrations

APPROVED

Sohil

4/5/2019 12:24:59 PM



#36

4-Chloro-3-methylphenol

Concen: 43.111 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

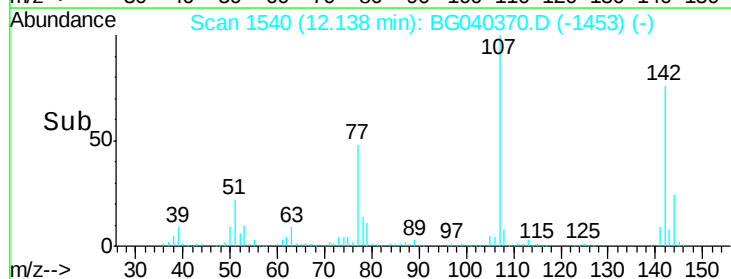
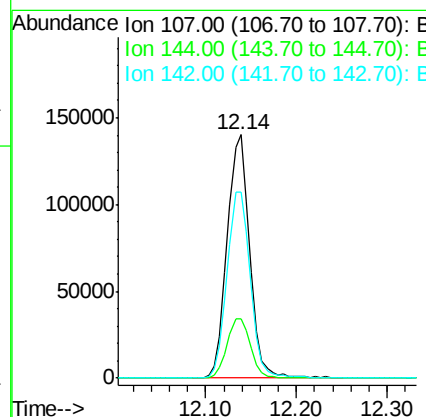
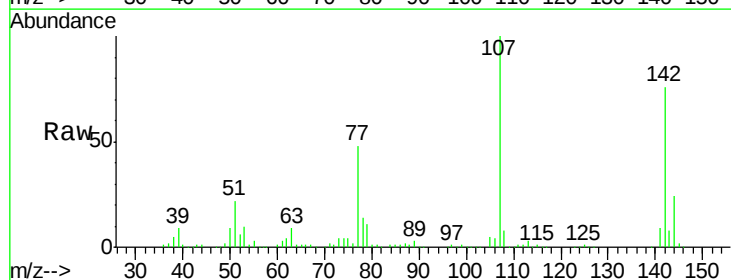
Tgt Ion:107 Resp: 242086

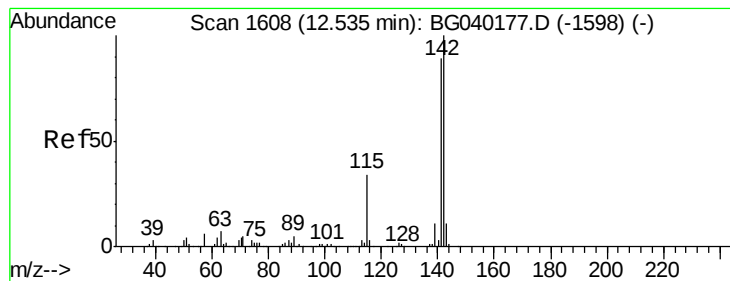
Ion Ratio Lower Upper

107 100

144 24.3 20.5 30.7

142 76.4 63.1 94.7





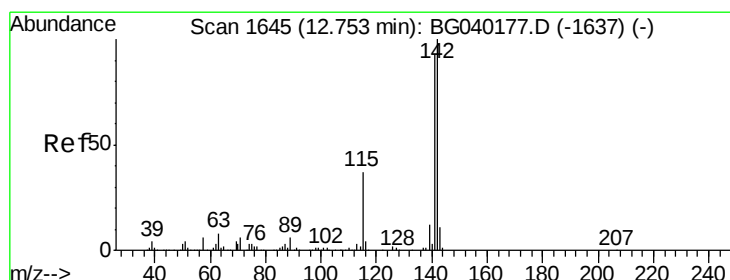
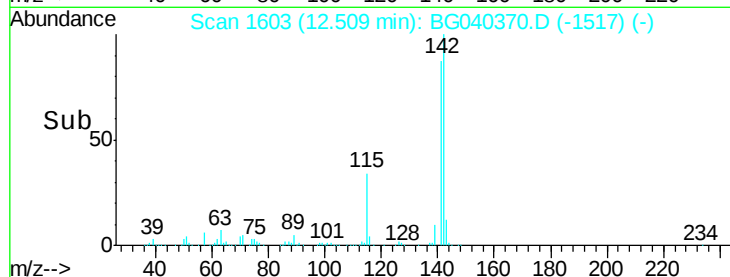
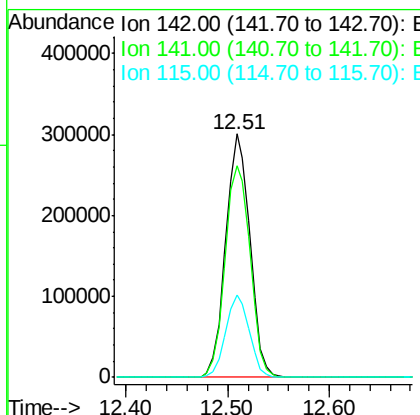
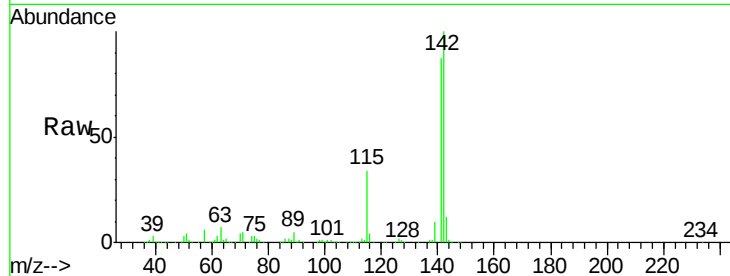
#37
 2-Methylnaphthalene
 Concen: 42.808 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	498029		
141	87.0	71.0	106.6	
115	33.6	27.3	40.9	

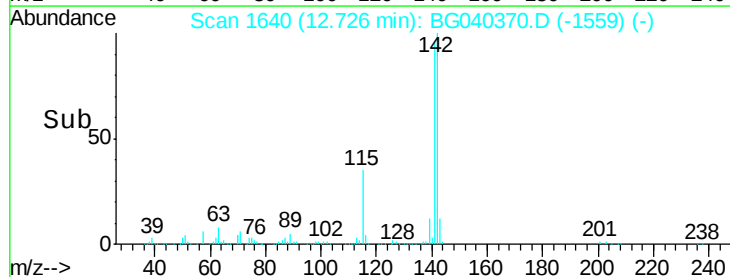
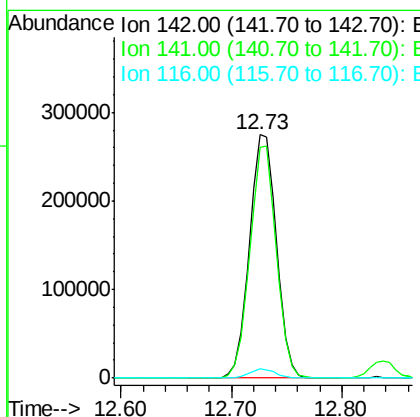
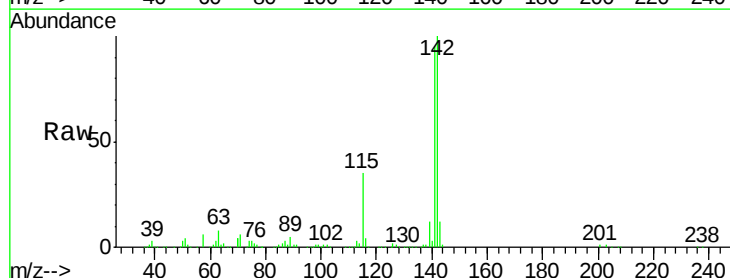
Manual Integrations
 APPROVED

Sohil
 4/5/2019 12:24:59 PM



#38
 1-Methylnaphthalene
 Concen: 41.879 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	472461		
141	94.9	74.2	111.4	
116	3.7	3.0	4.4	





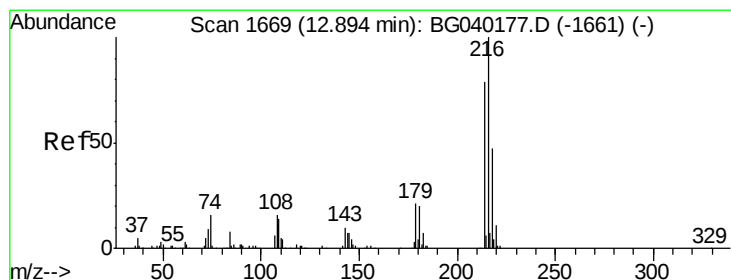
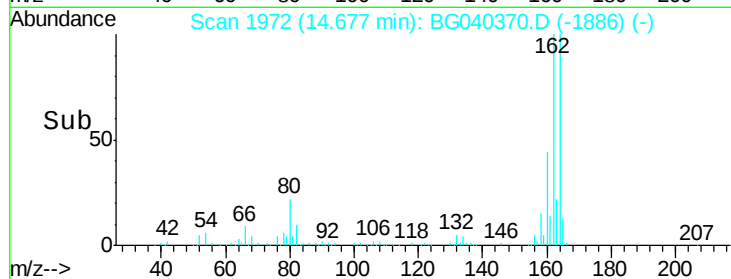
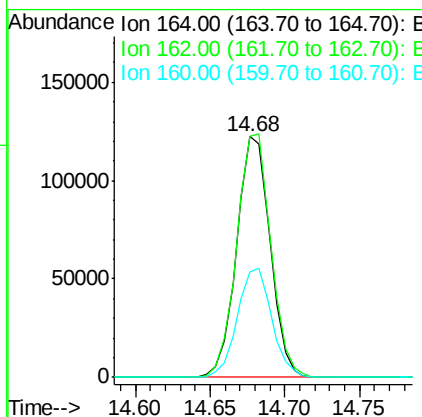
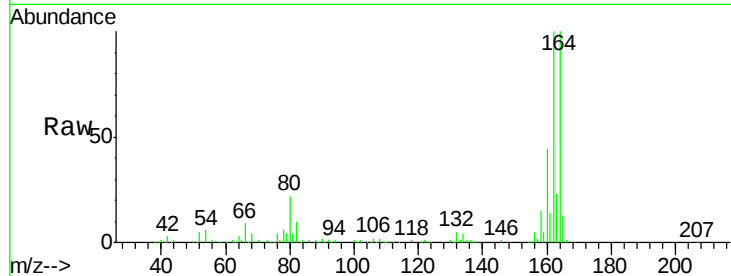
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	190860		
162	100.1	77.4	116.2	
160	43.8	35.3	52.9	

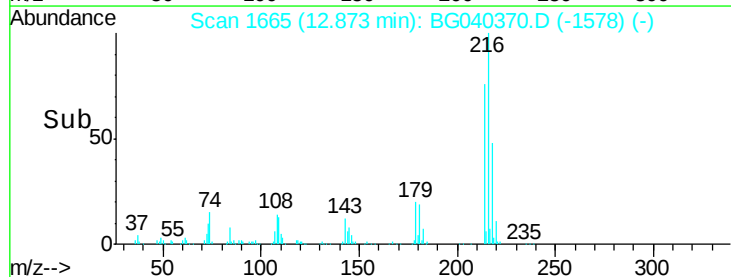
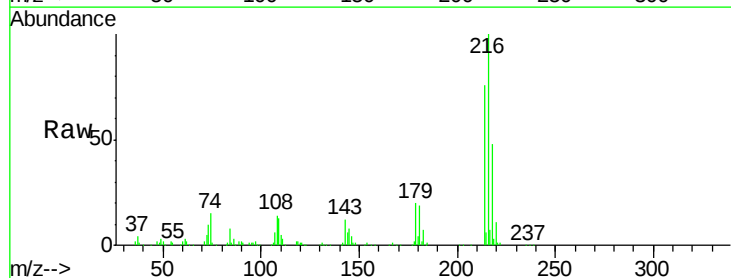
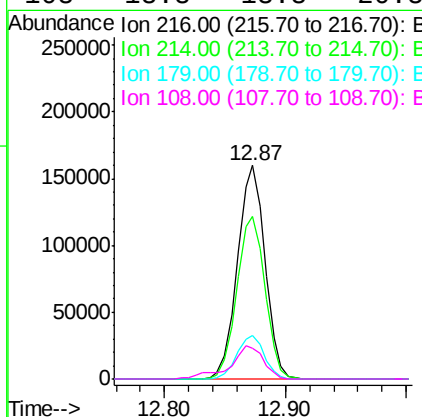
Manual Integrations
 APPROVED

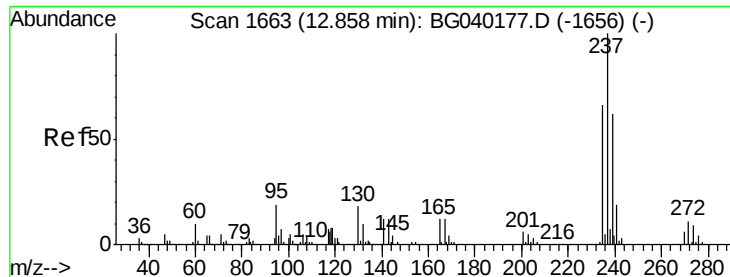
Sohil
 4/5/2019 12:24:59 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.876 ng
 RT: 12.87 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	254027		
214	77.9	63.5	95.3	
179	20.4	16.6	25.0	
108	18.8	13.8	20.8	





#41

Hexachlorocyclopentadiene

Concen: 84.552 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

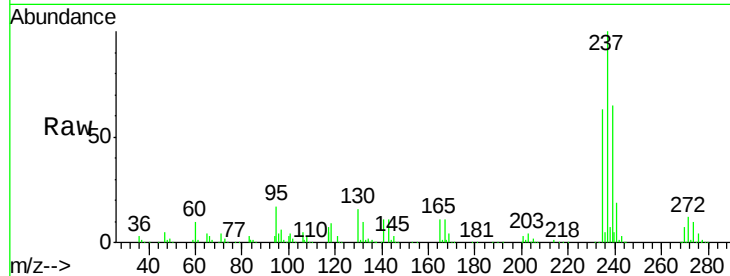
ClientSampleId :

PB118527BS

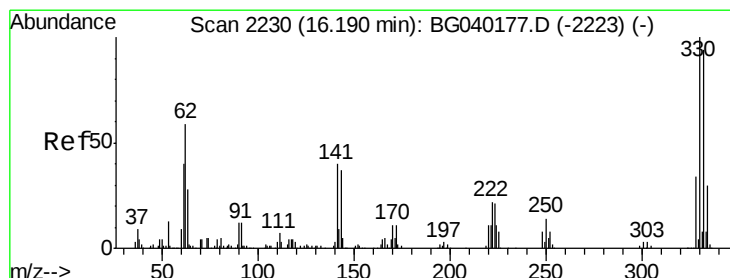
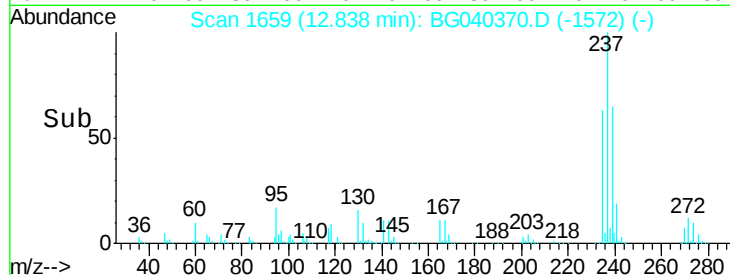
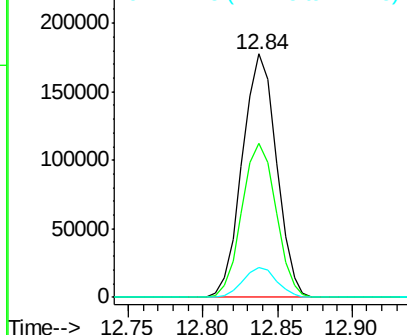
Tgt Ion:	237	Resp:	281623
Ion Ratio	Lower	Upper	
237	100		
235	63.5	46.2	86.2
272	12.1	0.0	30.5

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 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: 92.565 ng

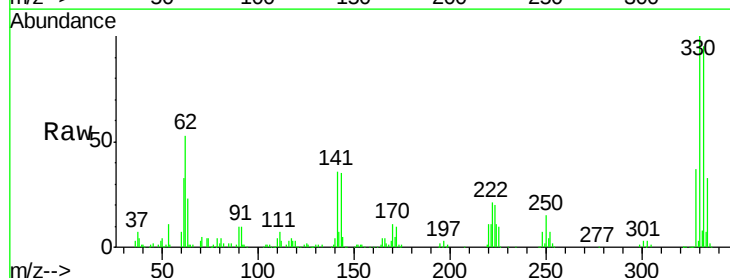
RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

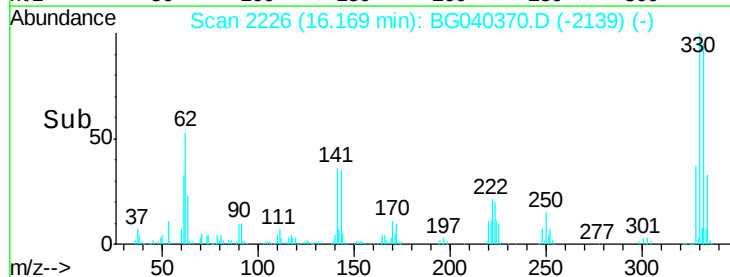
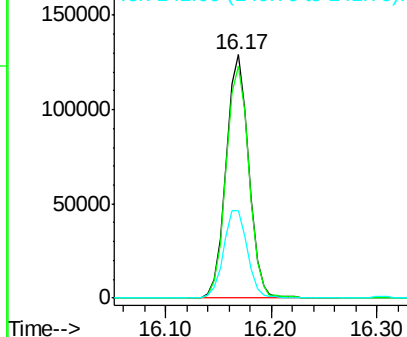
Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion:	330	Resp:	190934
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.6	115.0
141	38.0	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





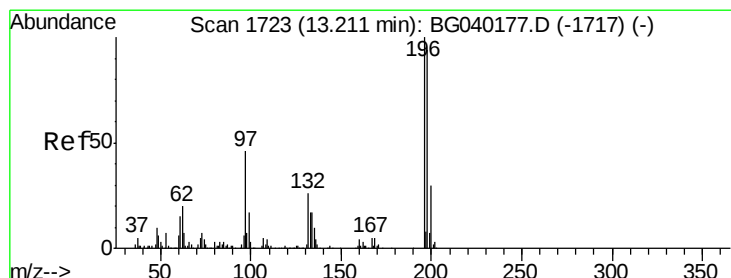
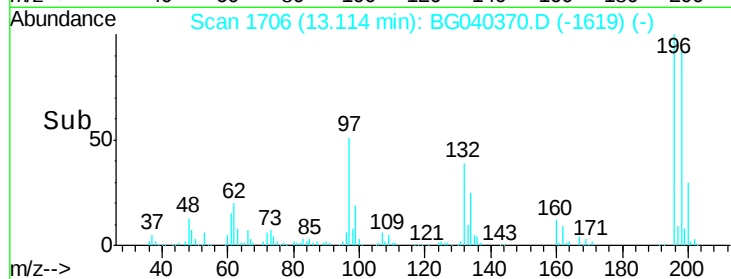
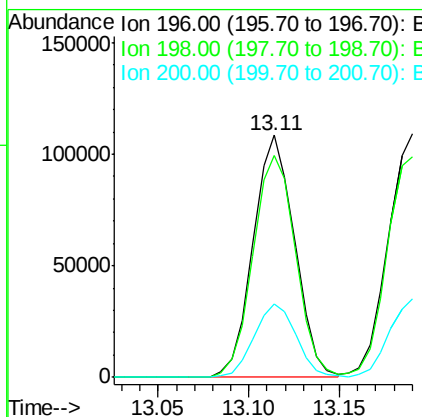
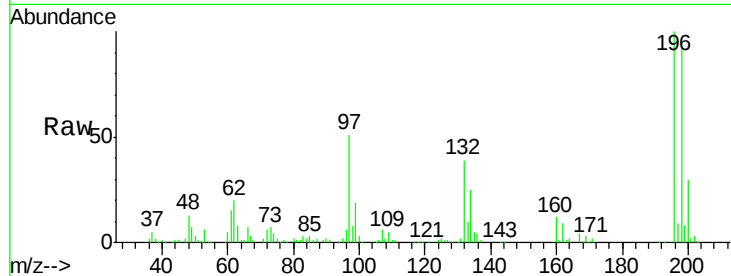
#43
 2,4,6-Trichlorophenol
 Concen: 44.044 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Instrument :
 BNA_G
 ClientSampled :
 PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172259		
198	91.8	78.3	117.5	
200	30.4	26.0	39.0	

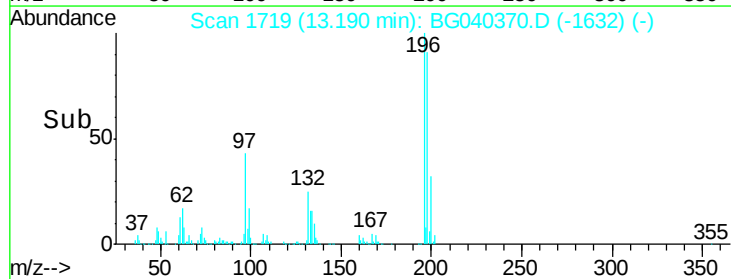
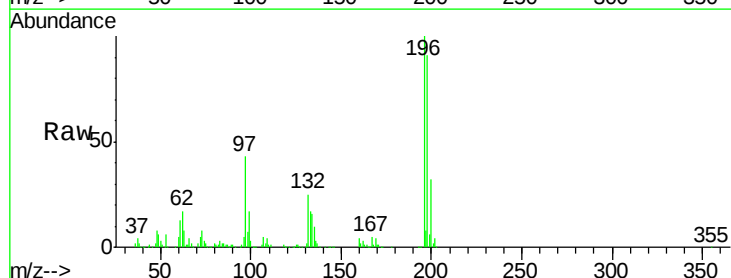
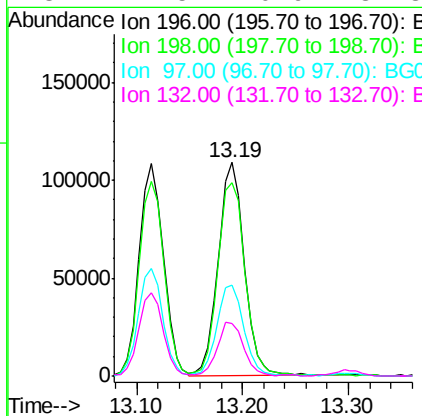
Manual Integrations
 APPROVED

Sohil
 4/5/2019 12:24:59 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.085 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	187934		
198	90.7	75.0	112.6	
97	42.8	37.3	55.9	
132	24.5	20.9	31.3	





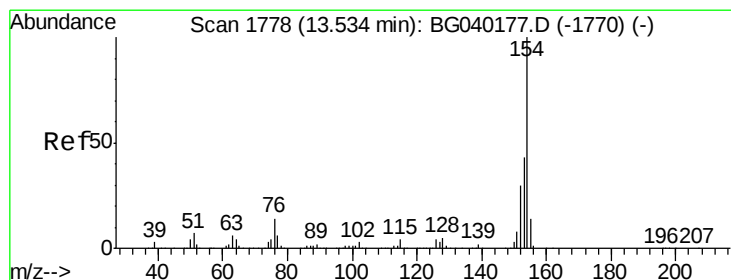
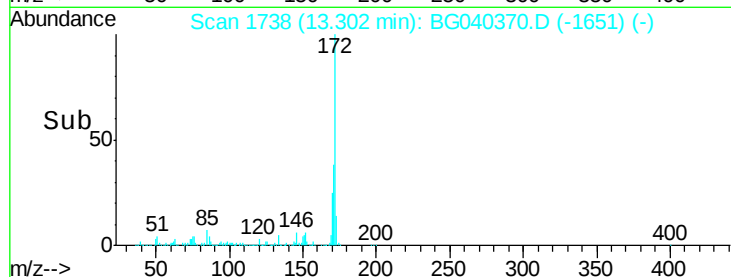
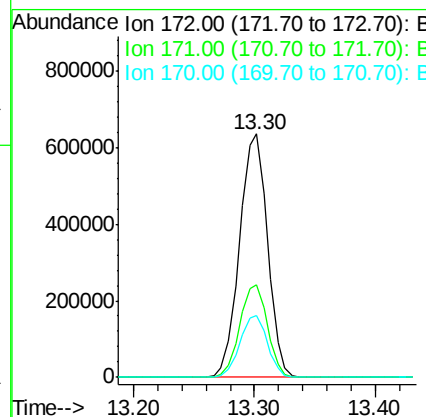
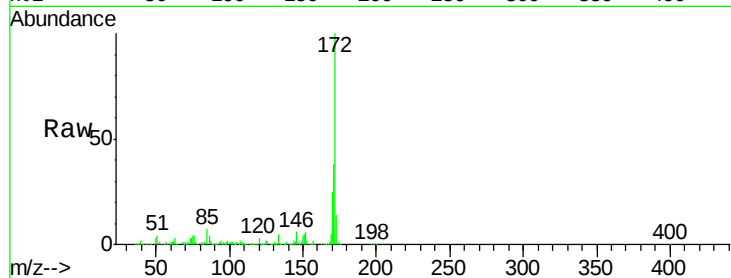
#45
2-Fluorobiphenyl
Concen: 79.771 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.5	45.7
170	25.2	20.1	30.1

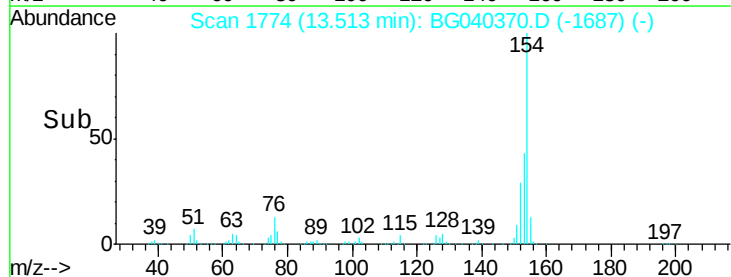
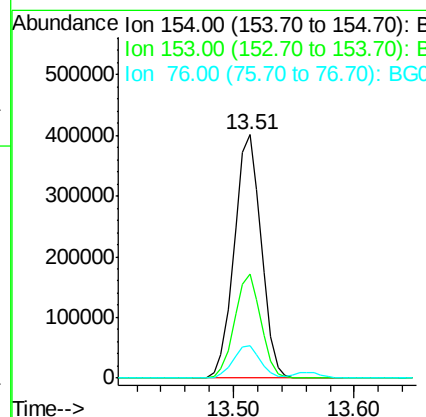
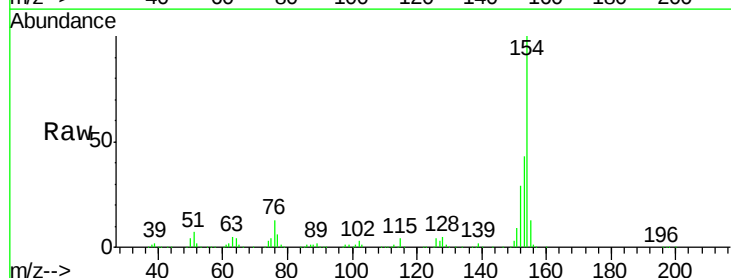
Manual Integrations
APPROVED

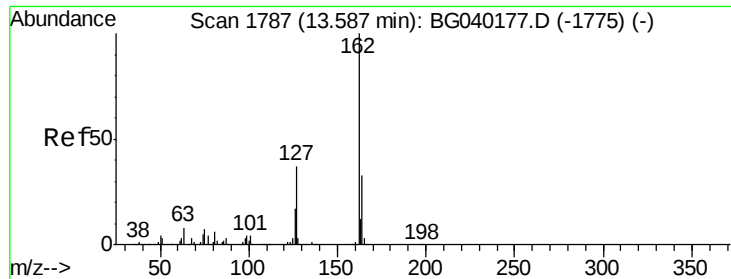
Sohil
4/5/2019 12:24:59 PM



#46
1,1'-Biphenyl
Concen: 41.179 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.5	62.5
76	13.2	0.0	33.7





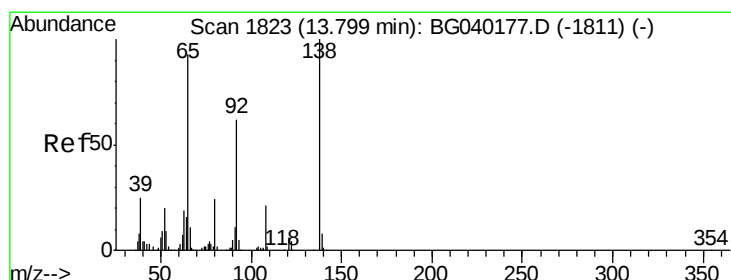
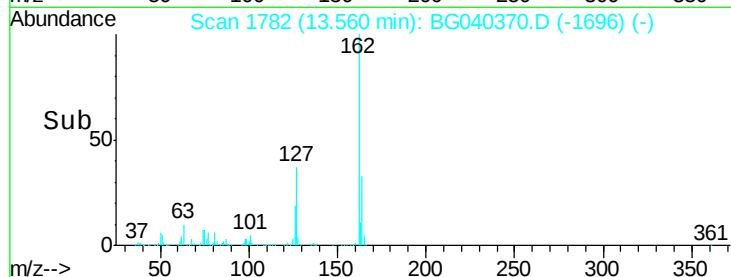
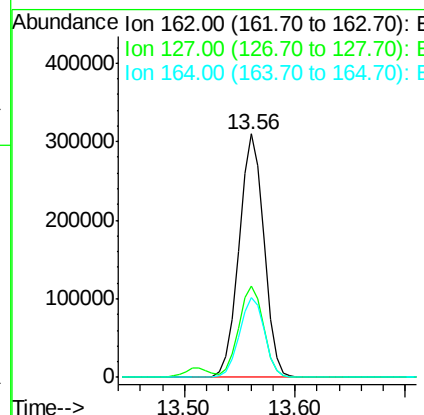
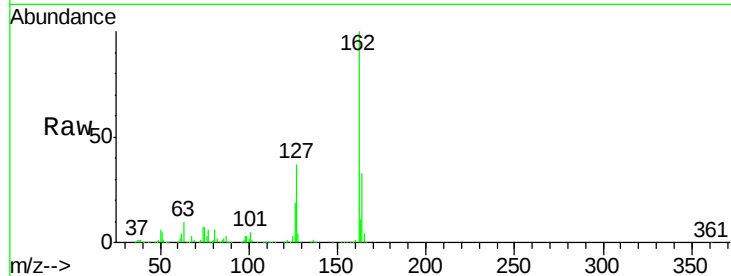
#47
2-Chloronaphthalene
Concen: 42.355 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	489949		
127	37.3	30.6	45.8	
164	32.7	26.2	39.4	

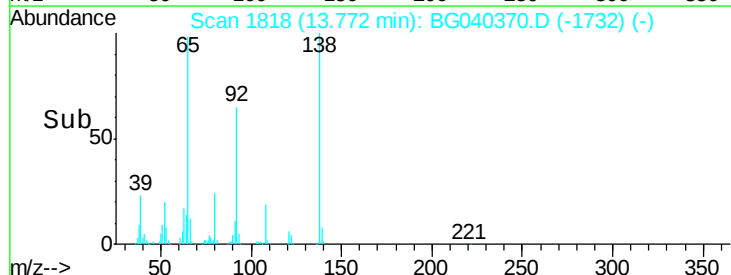
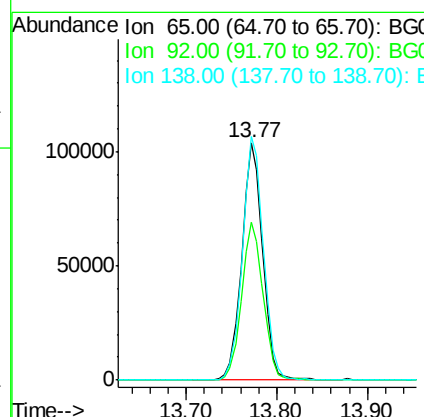
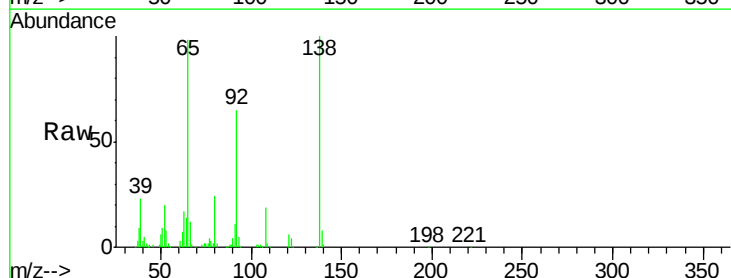
Manual Integrations
APPROVED

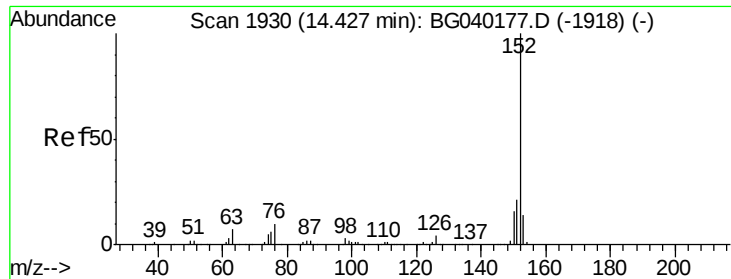
Sohil
4/5/2019 12:24:59 PM



#48
2-Nitroaniline
Concen: 42.836 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	167140		
92	66.7	53.8	80.6	
138	102.5	86.3	129.5	





#49

Acenaphthylene

Concen: 40.408 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

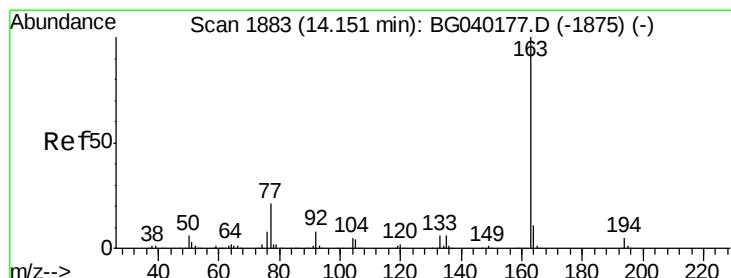
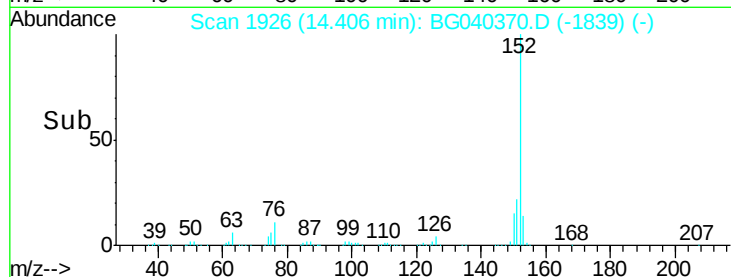
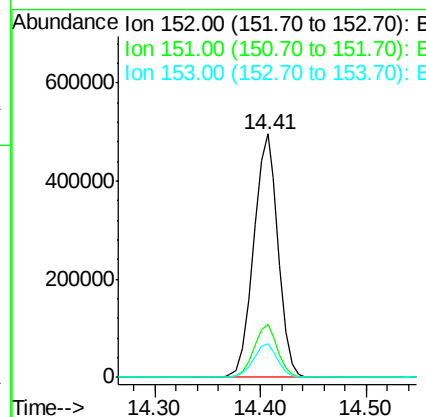
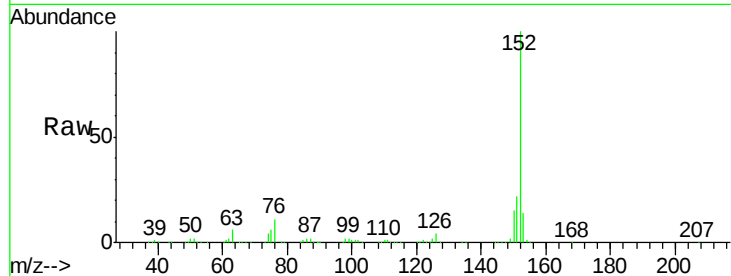
ClientSampleId :

PB118527BS

Tgt Ion:	152	Resp:	792503
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.0	25.6
153	13.8	10.8	16.2

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



#50

Dimethylphthalate

Concen: 41.746 ng

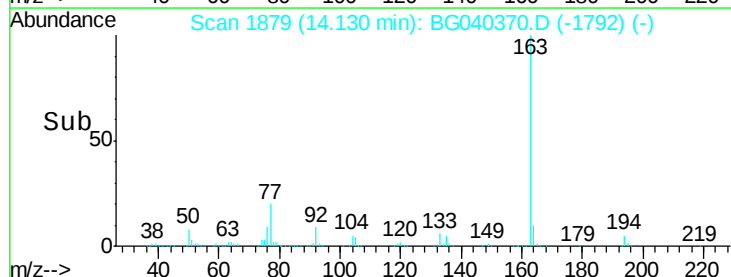
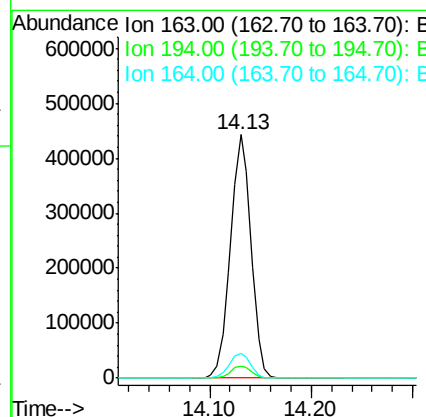
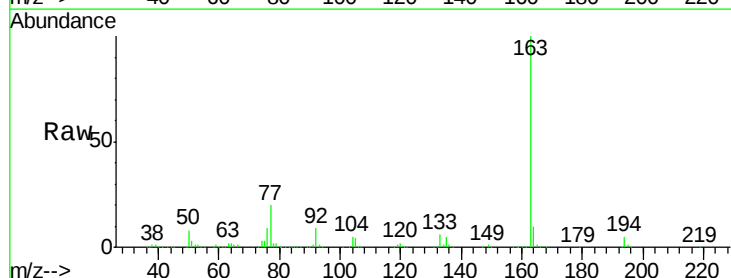
RT: 14.13 min Scan# 1879

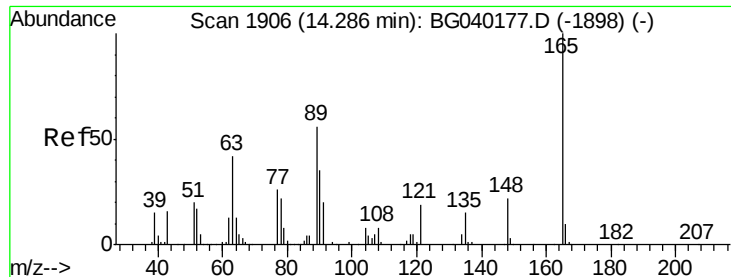
Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion:	163	Resp:	623582
Ion Ratio	Lower	Upper	
163	100		
194	4.9	4.1	6.1
164	10.2	8.6	13.0





#51

2,6-Dinitrotoluene

Concen: 43.726 ng

RT: 14.27 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

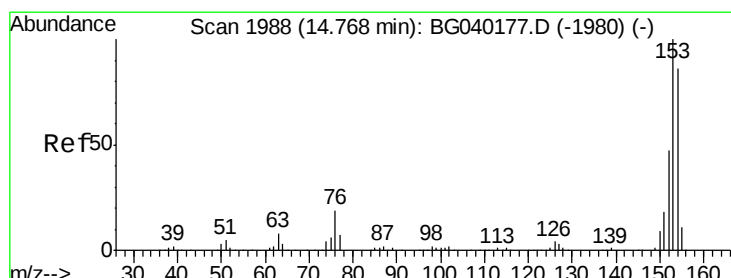
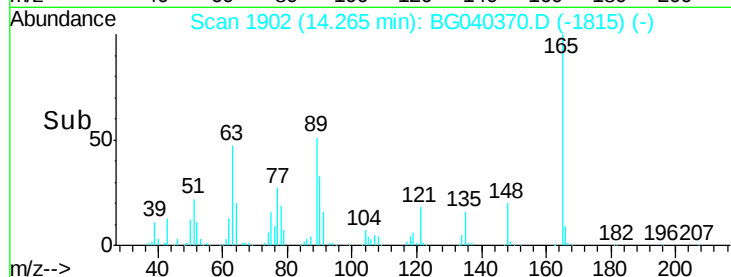
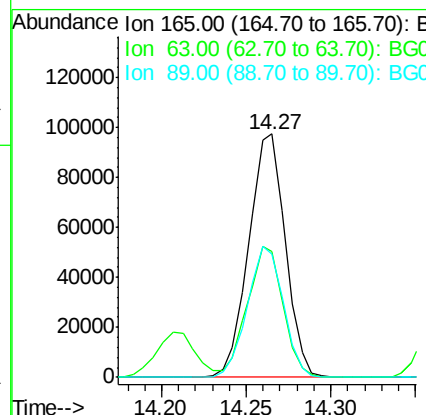
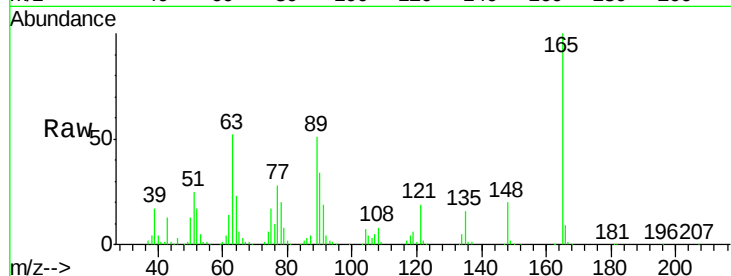
ClientSampleId :

PB118527BS

Tgt Ion:	165	Resp:	146658
Ion Ratio	Lower	Upper	
165	100		
63	51.6	44.1	66.1
89	50.8	44.9	67.3

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



#52

Acenaphthene

Concen: 41.371 ng

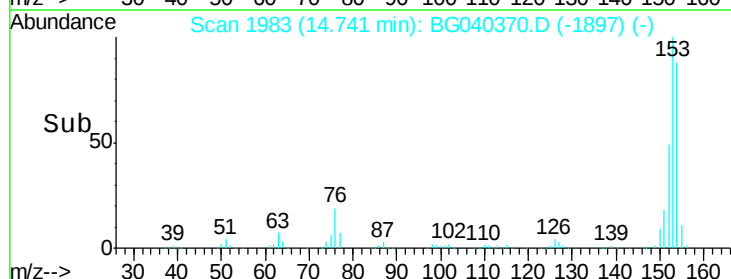
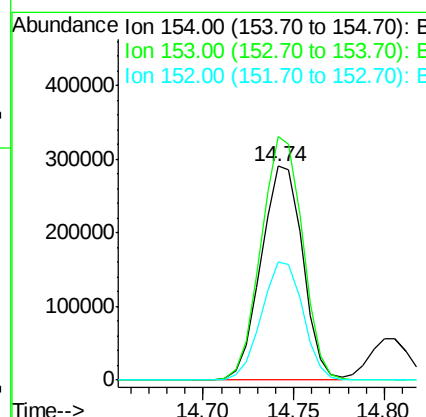
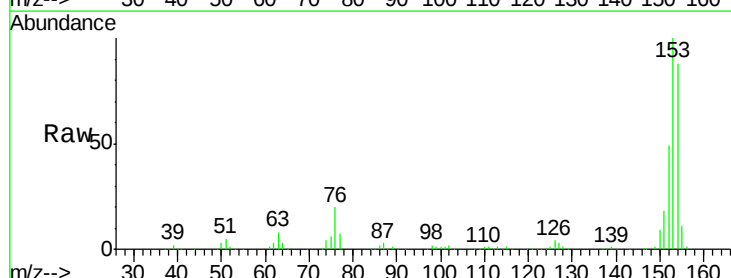
RT: 14.74 min Scan# 1983

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion:	154	Resp:	464936
Ion Ratio	Lower	Upper	
154	100		
153	113.7	92.8	139.2
152	55.4	43.4	65.2





#53

3-Nitroaniline

Concen: 41.624 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

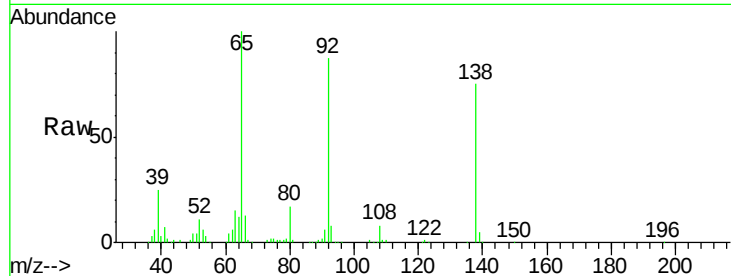
ClientSampleId :

PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	147778		
108	10.5	7.8	11.8	
92	115.6	87.5	131.3	

Manual Integrations
APPROVED

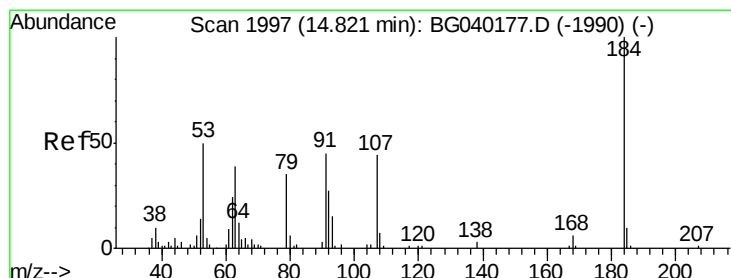
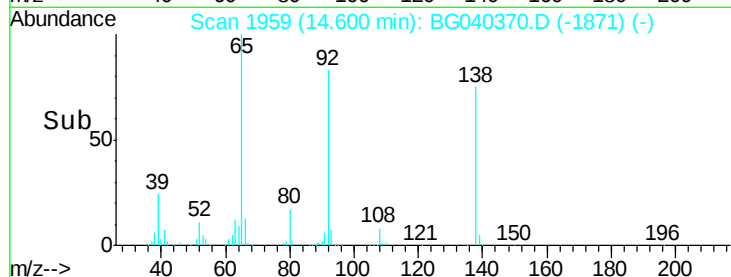
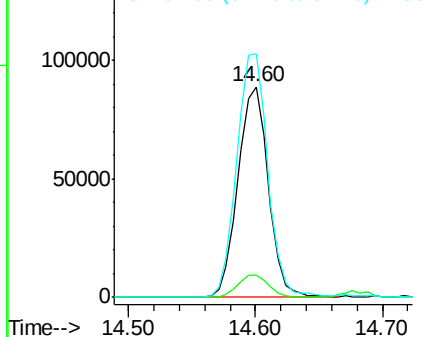
Sohil
4/5/2019 12:24:59 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 93.761 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG040370.D

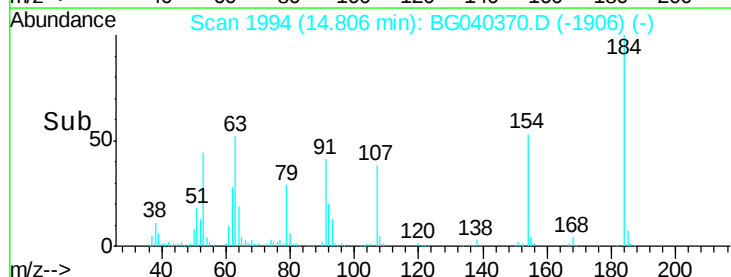
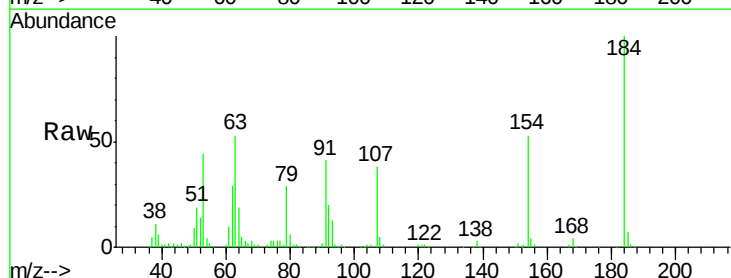
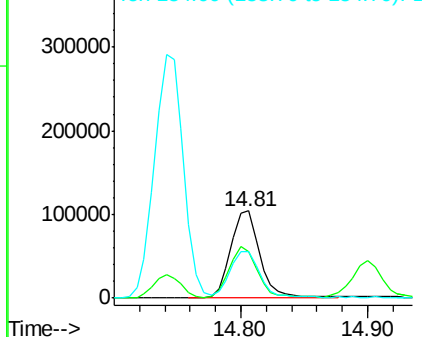
Acq: 4 Apr 2019 21:59

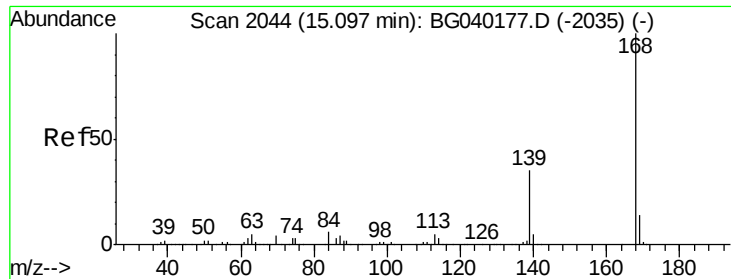
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	167245		
63	53.4	51.8	77.8	
154	53.3	50.9	76.3	

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





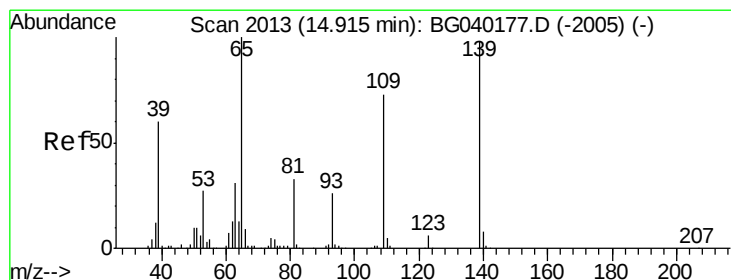
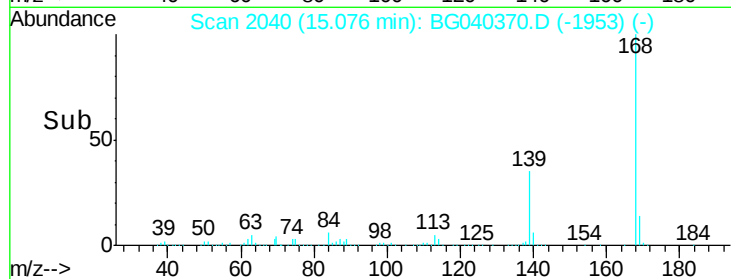
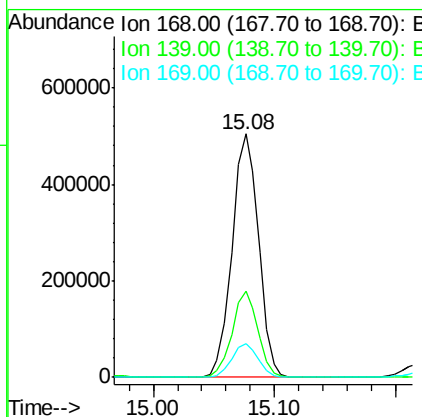
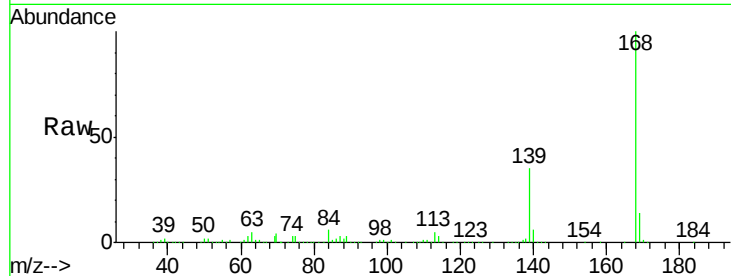
#55
Dibenzenofuran
Concen: 42.677 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	770687		
139	35.2	27.9	41.9	
169	13.9	11.3	16.9	

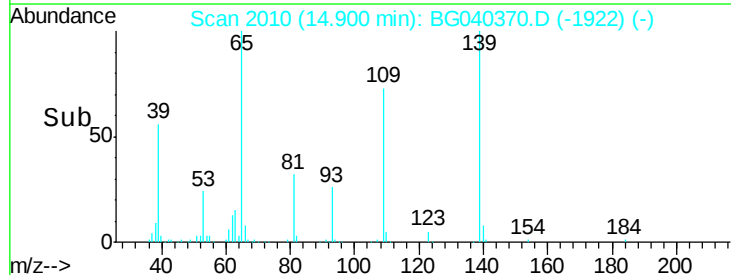
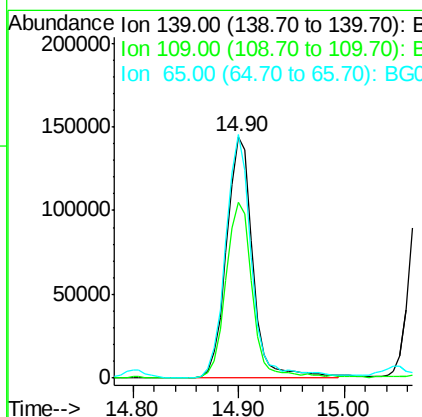
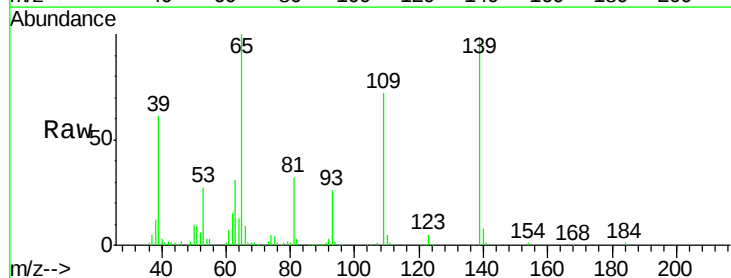
Manual Integrations
APPROVED

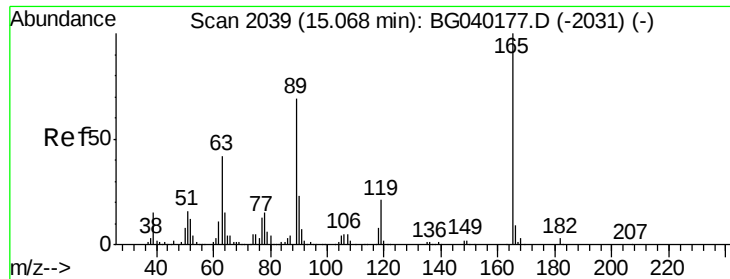
Sohil
4/5/2019 12:24:59 PM



#56
4-Nitrophenol
Concen: 86.357 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	247448		
109	73.0	54.3	94.3	
65	101.0	82.5	122.5	





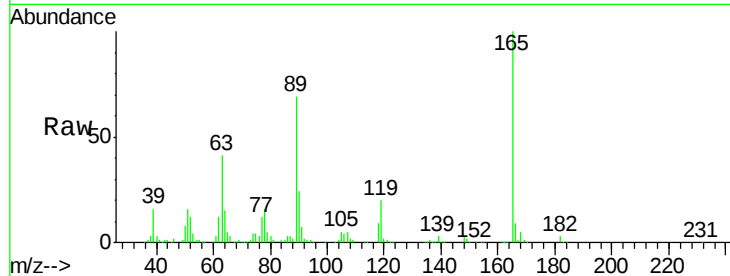
#57
2,4-Dinitrotoluene
Concen: 44.751 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	41.3	33.8	50.6
89	69.3	55.4	83.2
182	2.8	2.2	3.4

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM

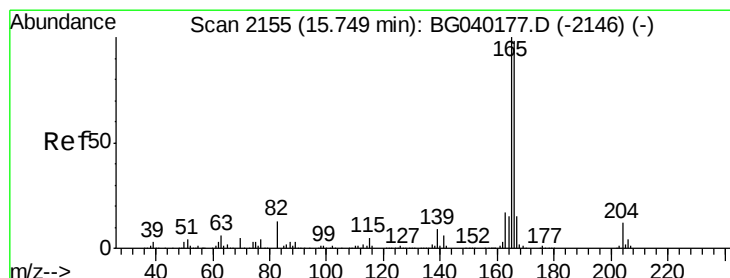
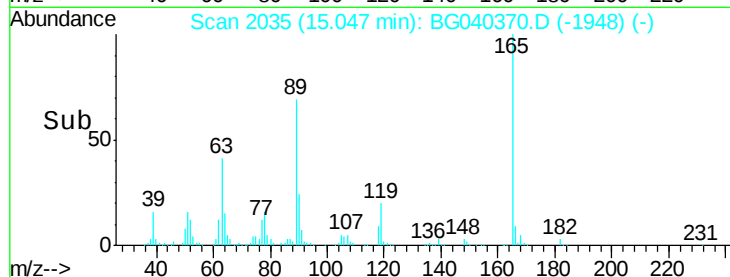
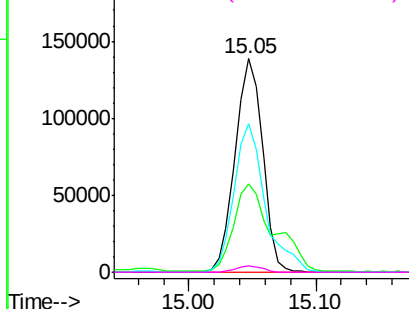


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

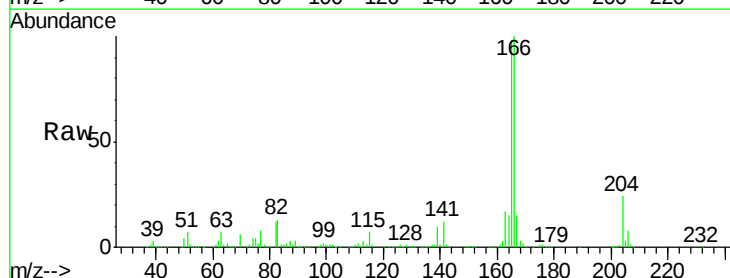
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.366 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

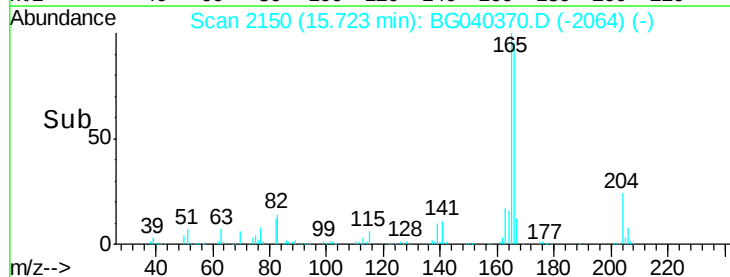
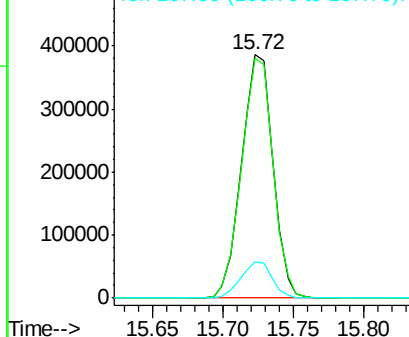
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.3	81.7	122.5
167	14.7	11.9	17.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





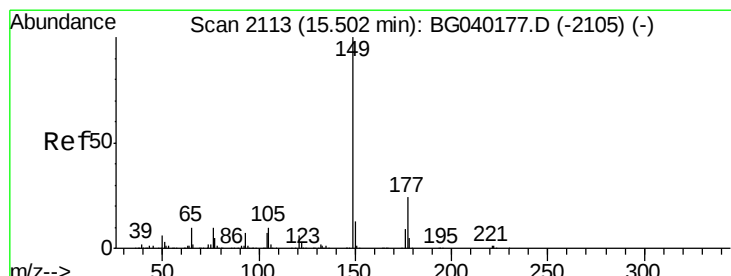
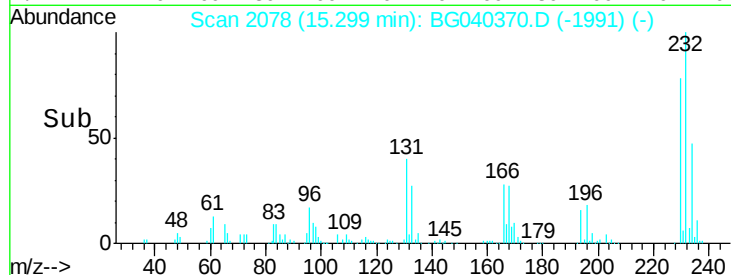
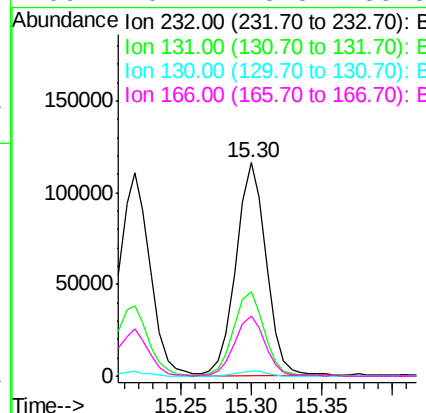
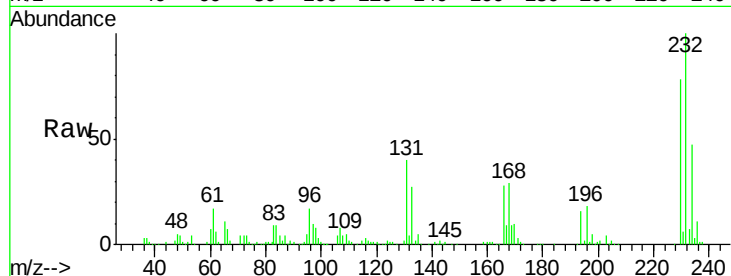
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.695 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	172898		
131	41.5	32.9	49.3	
130	2.4	1.8	2.8	
166	29.7	23.5	35.3	

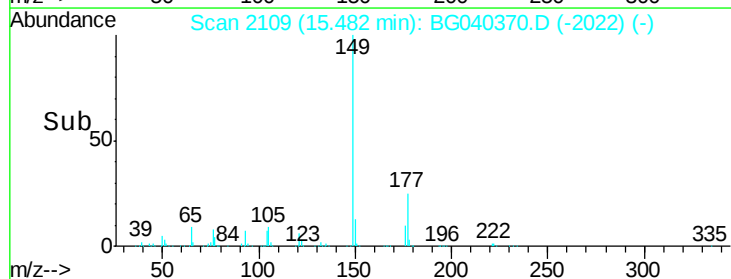
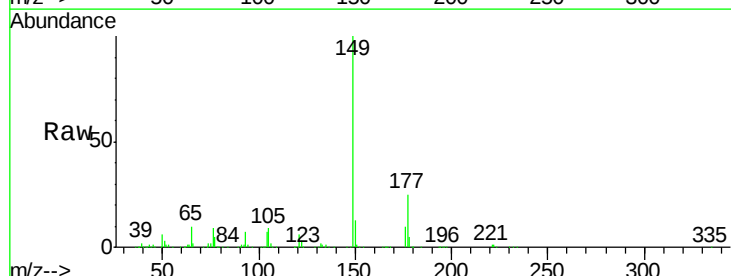
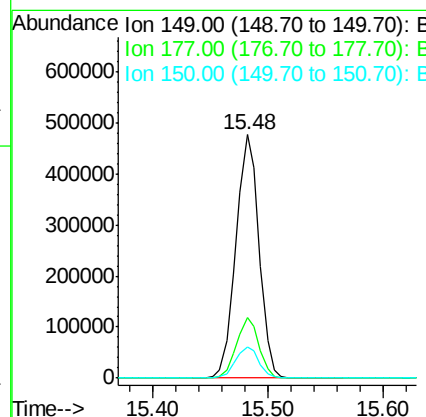
Manual Integrations
 APPROVED

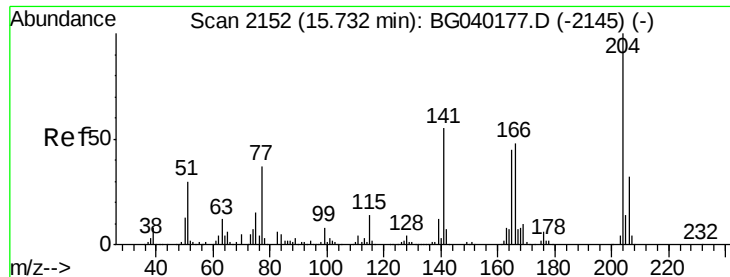
Sohil
 4/5/2019 12:24:59 PM



#60
 Diethylphthalate
 Concen: 42.963 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	656701		
177	24.7	19.1	28.7	
150	13.0	10.6	15.8	





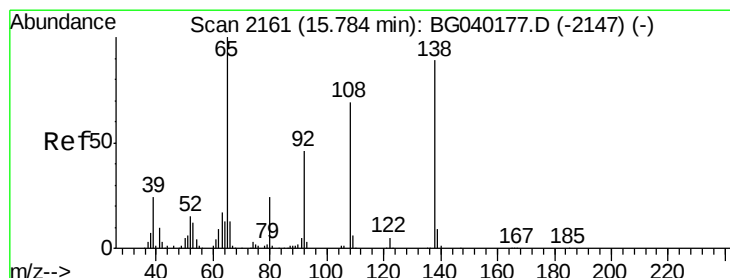
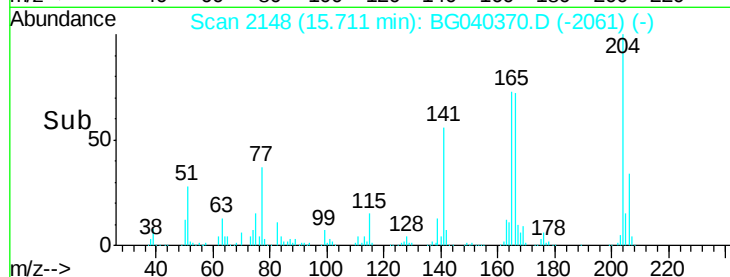
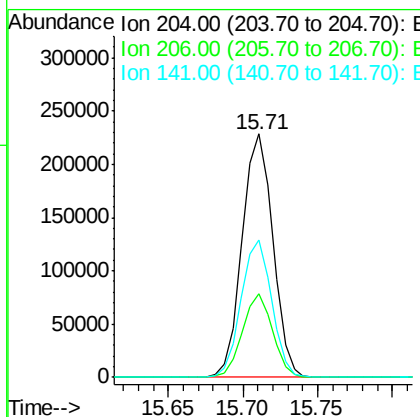
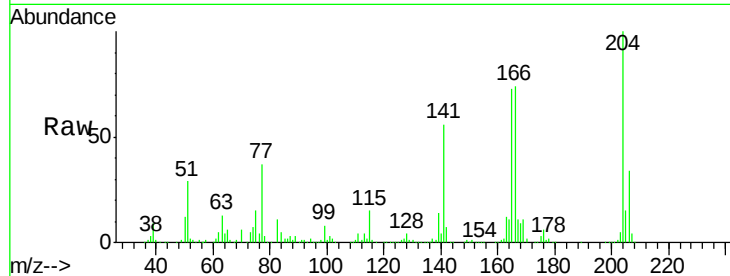
#61
 4-Chlorophenyl-phenylether
 Concen: 42.882 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BS

Tgt Ion:	204	Resp:	325438
Ion Ratio	Lower	Upper	
204	100		
206	34.3	25.7	38.5
141	56.3	44.0	66.0

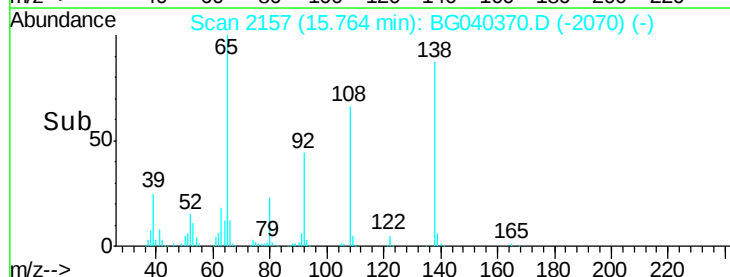
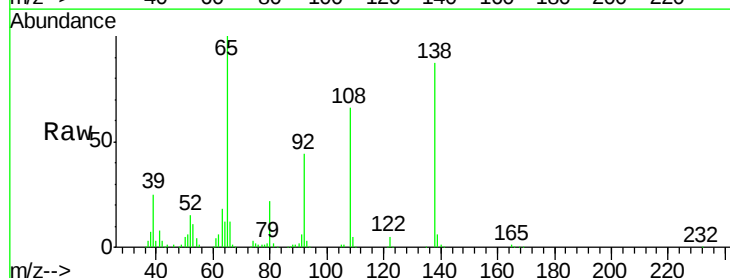
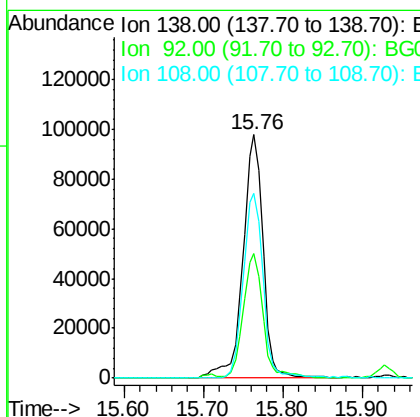
Manual Integrations
 APPROVED

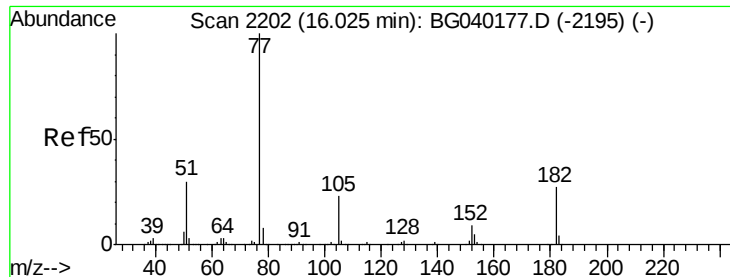
Sohil
 4/5/2019 12:24:59 PM



#62
 4-Nitroaniline
 Concen: 45.354 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion:	138	Resp:	172803
Ion Ratio	Lower	Upper	
138	100		
92	50.9	31.8	71.8
108	75.7	57.2	97.2





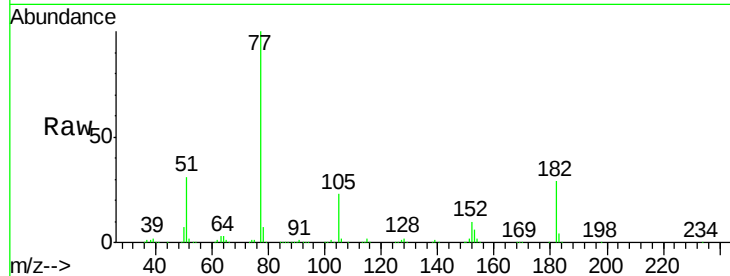
#63
Azobenzene
Concen: 41.577 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.6	7.2	47.2
105	23.2	2.8	42.8
51	30.8	10.4	50.4

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



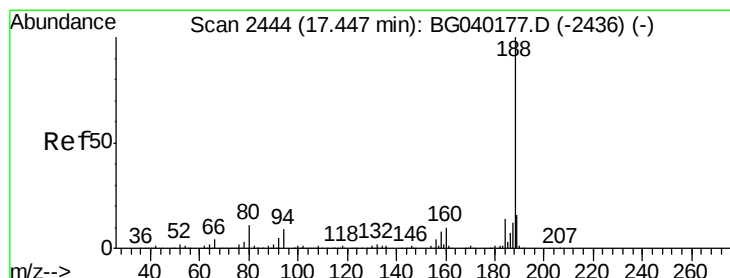
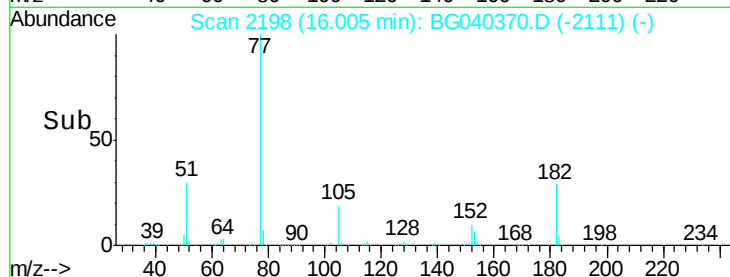
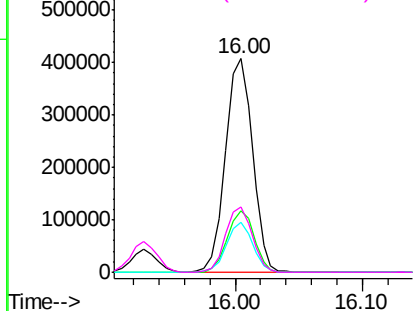
Abundance

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: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

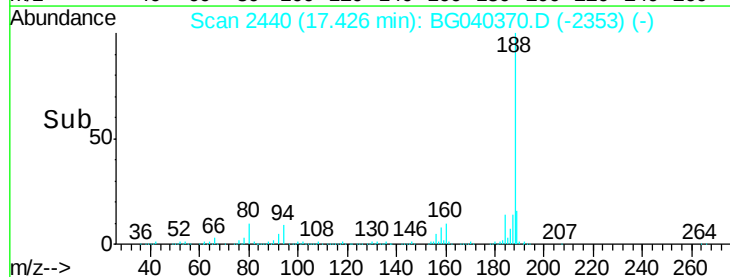
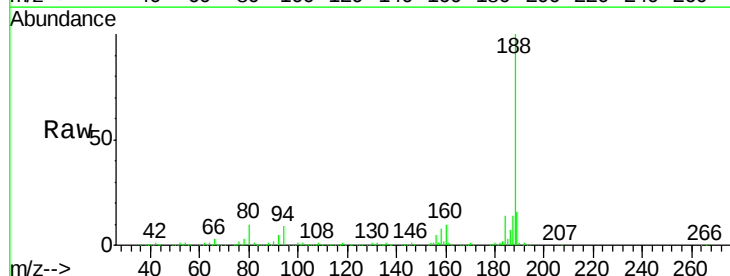
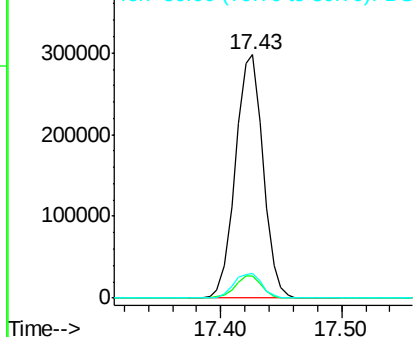
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	10.2	8.6	13.0

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





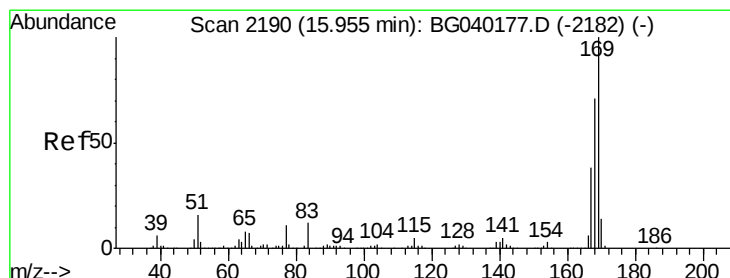
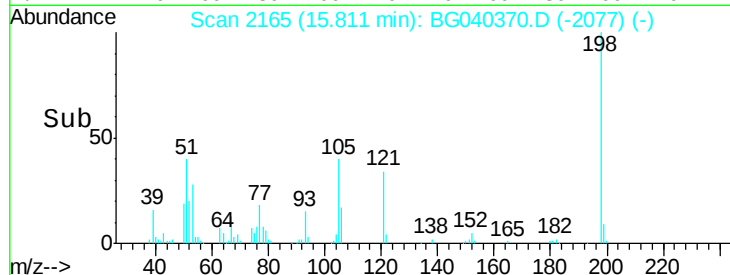
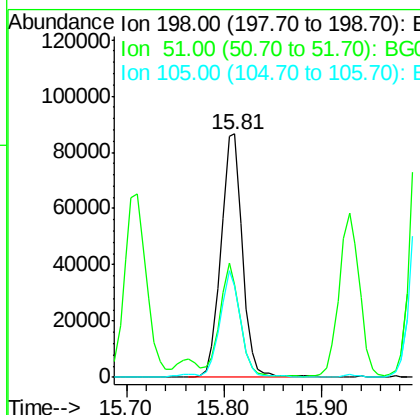
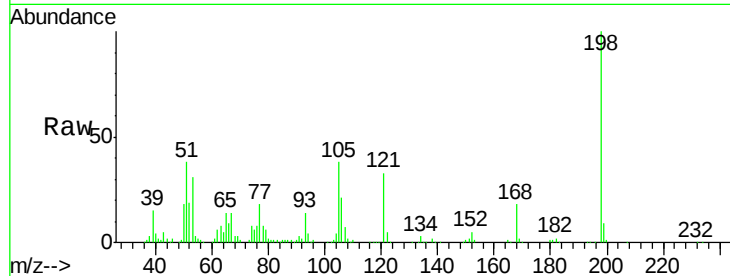
#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.299 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	131725		
51	37.8	27.3	67.3	
105	37.6	21.7	61.7	

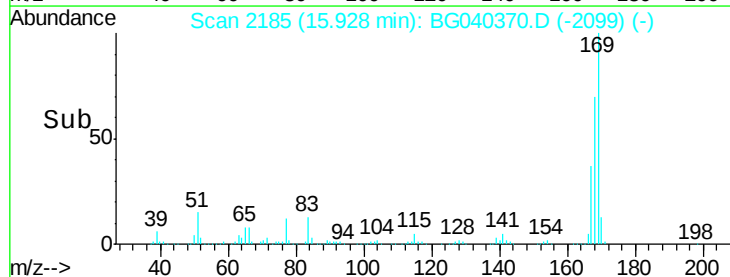
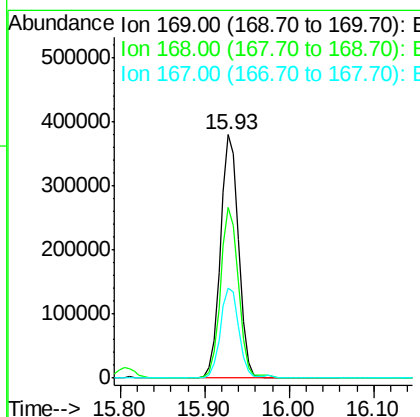
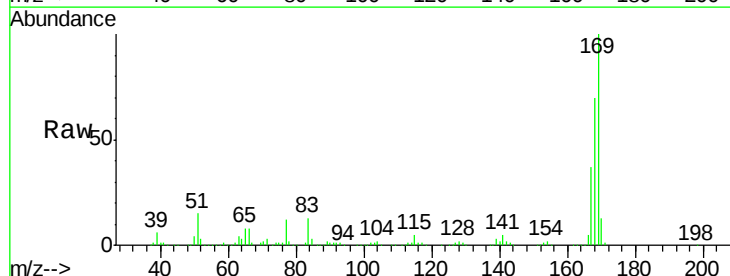
Manual Integrations
 APPROVED

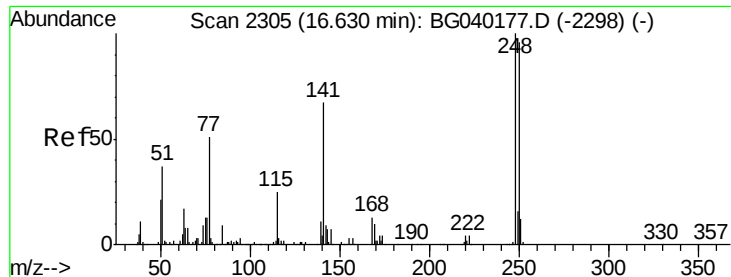
Sohil
 4/5/2019 12:24:59 PM



#66
 n-Nitrosodiphenylamine
 Concen: 40.701 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	566446		
168	70.0	56.8	85.2	
167	37.1	30.2	45.4	





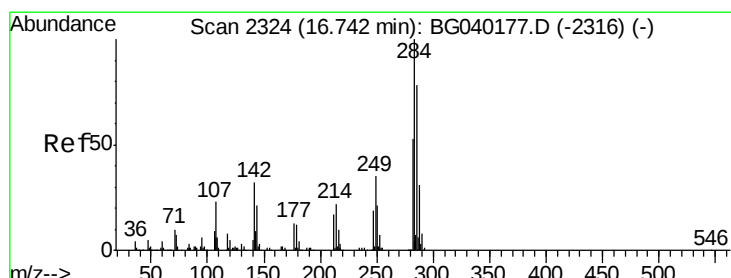
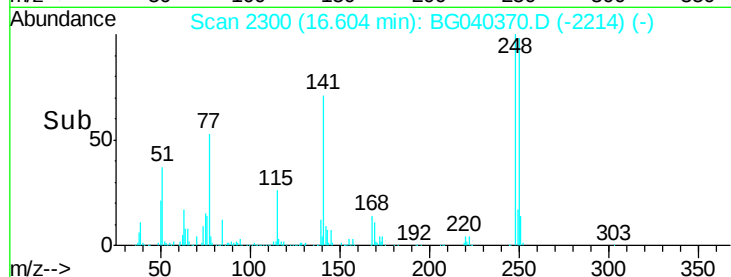
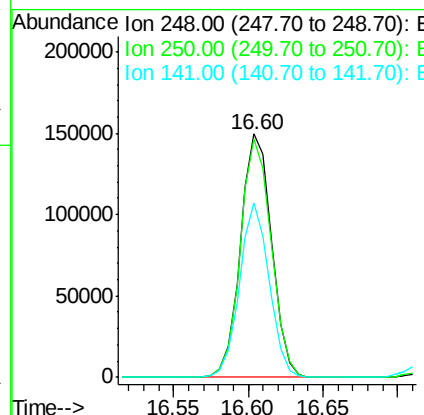
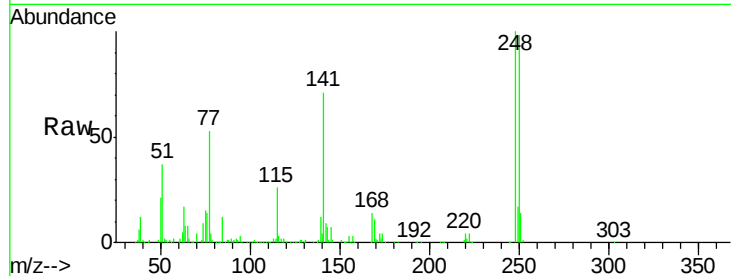
#67
 4-Bromophenyl-phenylether
 Concen: 40.169 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	214988		
250	97.8	76.4	114.6	
141	71.4	53.8	80.8	

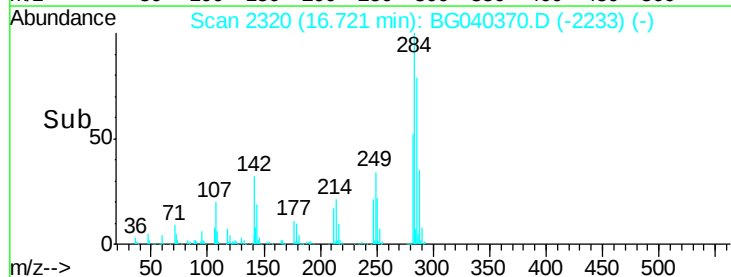
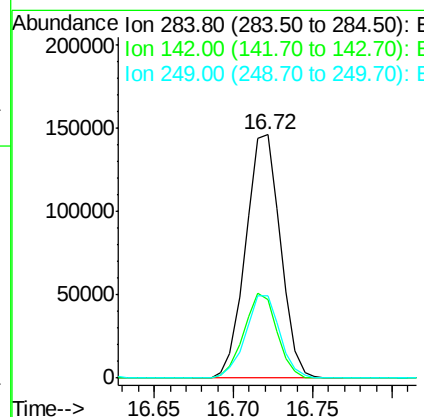
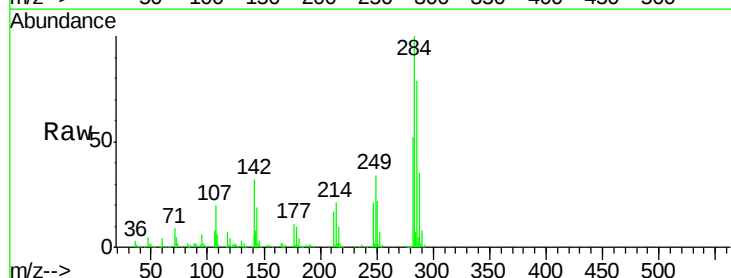
Manual Integrations
 APPROVED

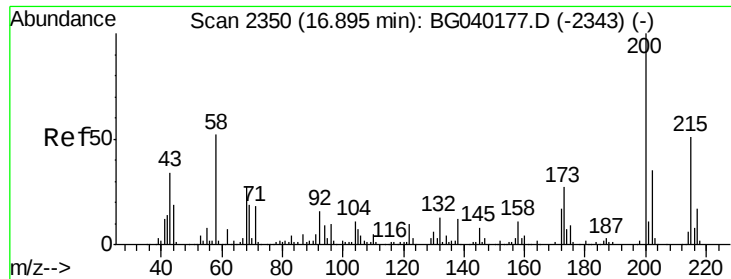
Sohil
 4/5/2019 12:24:59 PM



#68
 Hexachlorobenzene
 Concen: 41.341 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	222466		
142	32.1	25.3	37.9	
249	34.1	28.2	42.2	





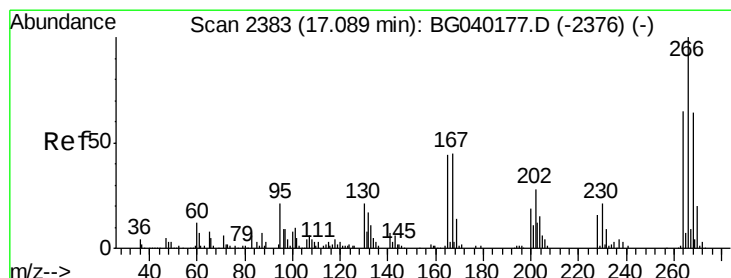
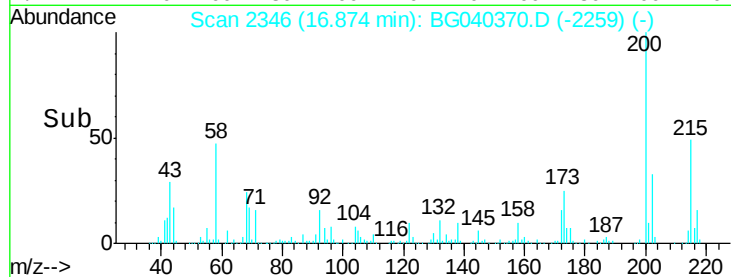
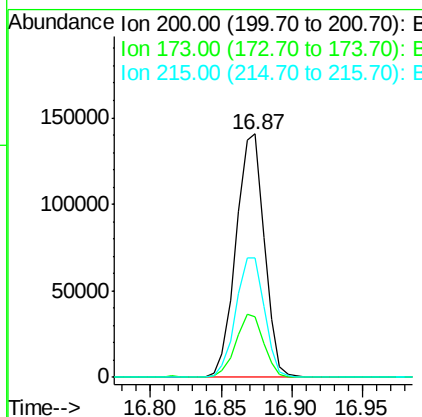
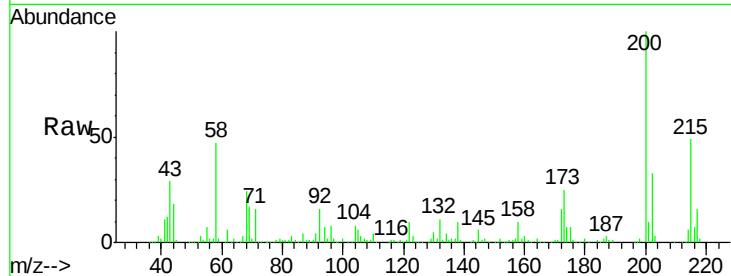
#69
 Atrazine
 Concen: 38.144 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.9	7.1	47.1
215	49.1	30.9	70.9

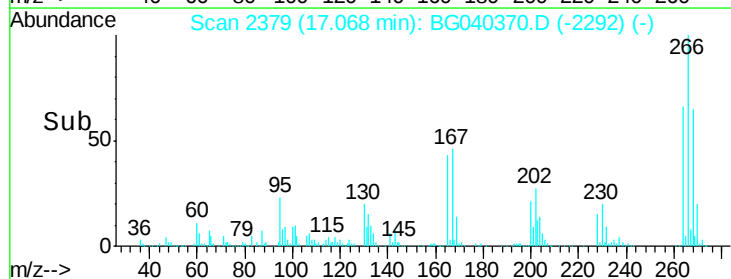
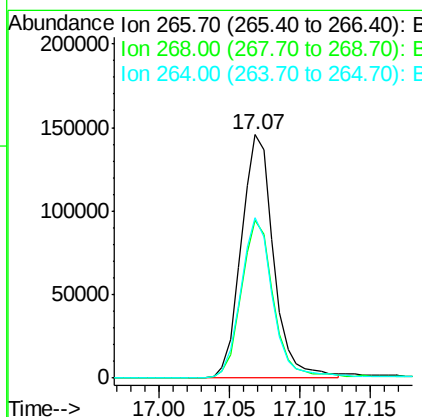
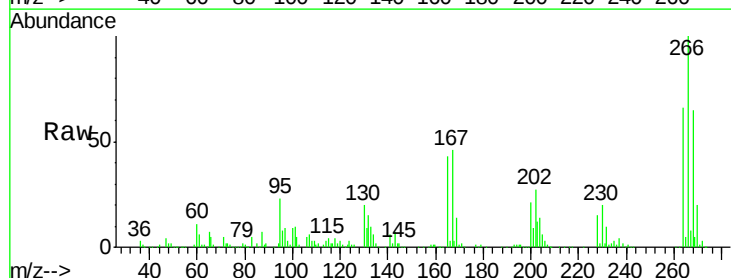
Manual Integrations
 APPROVED

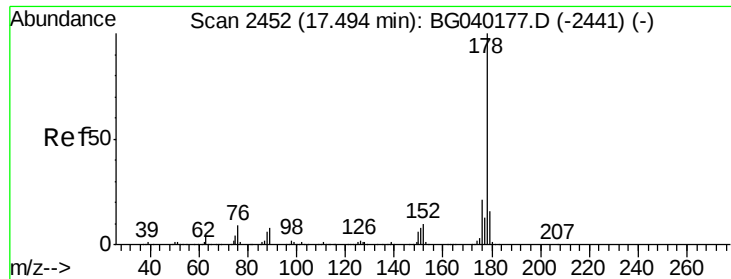
Sohil
 4/5/2019 12:24:59 PM



#70
 Pentachlorophenol
 Concen: 75.069 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.0	55.0	82.4
264	66.1	51.8	77.8





#71

Phenanthrene

Concen: 41.035 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

PB118527BS

Tgt Ion:178 Resp: 1025811

Ion Ratio Lower Upper

178 100

176 20.6 16.7 25.1

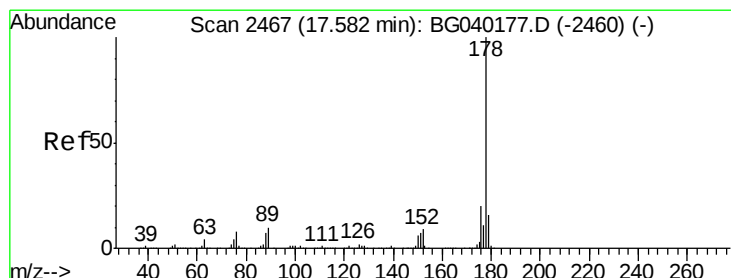
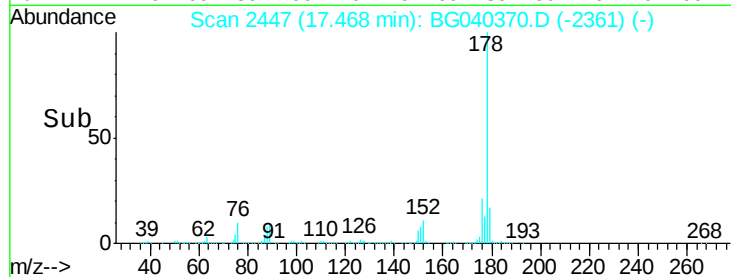
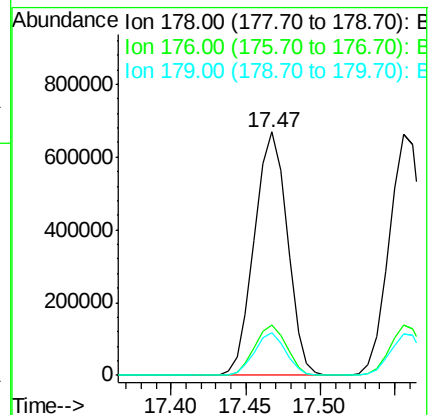
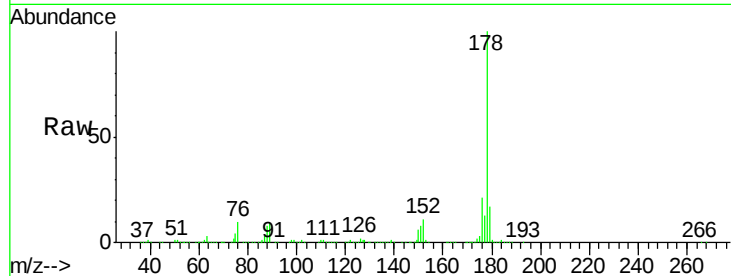
179 17.3 12.8 19.2

Manual Integrations

APPROVED

Sohil

4/5/2019 12:24:59 PM



#72

Anthracene

Concen: 41.730 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

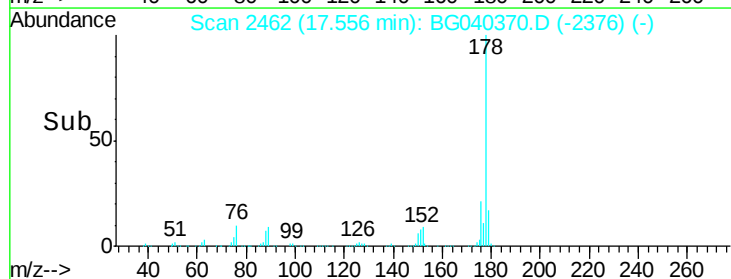
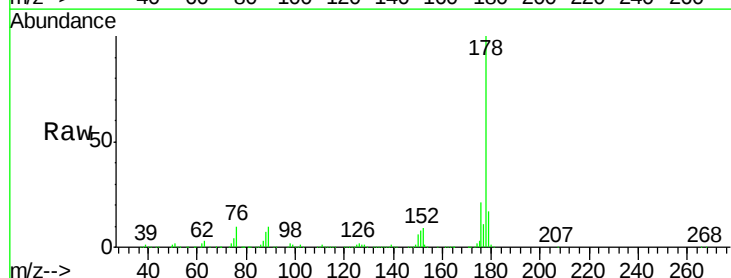
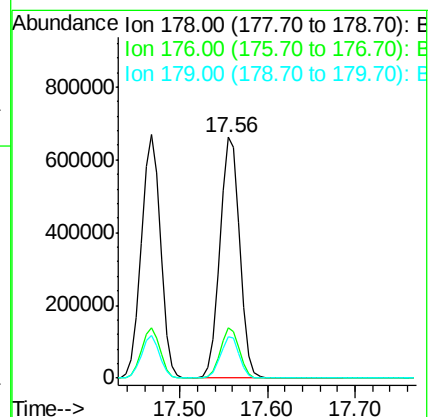
Tgt Ion:178 Resp: 1044129

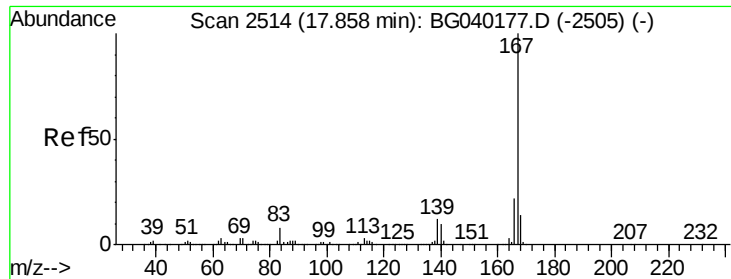
Ion Ratio Lower Upper

178 100

176 20.9 15.9 23.9

179 17.4 12.9 19.3





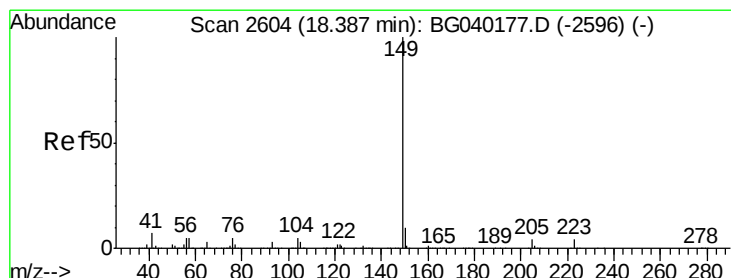
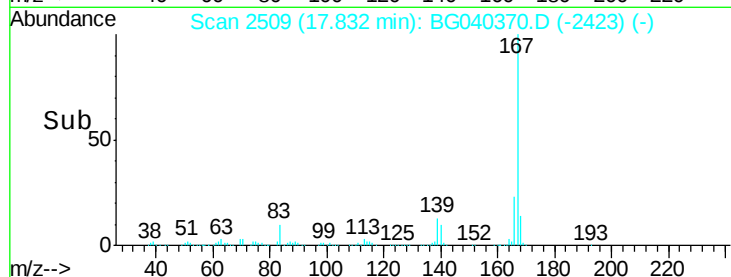
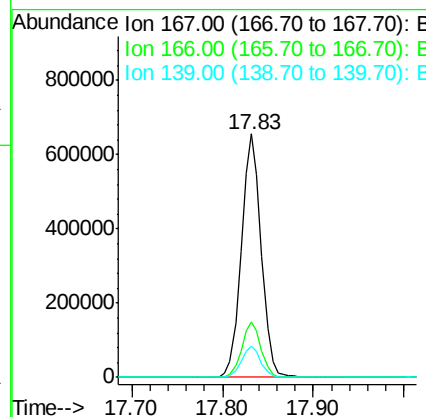
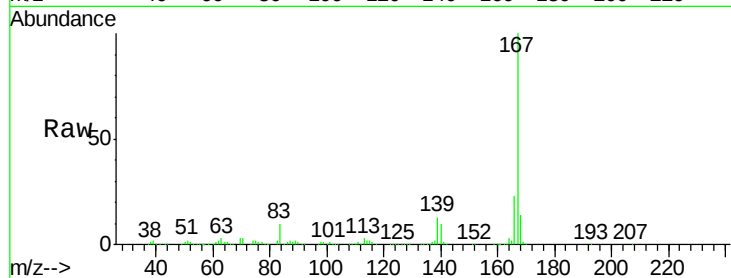
#73
 Carbazole
 Concen: 42.187 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	998972		
166	22.6	17.5	26.3	
139	12.7	10.0	15.0	

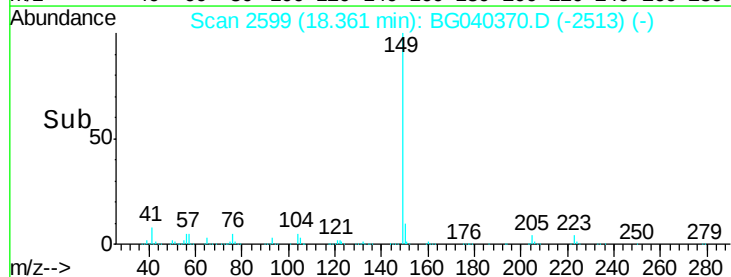
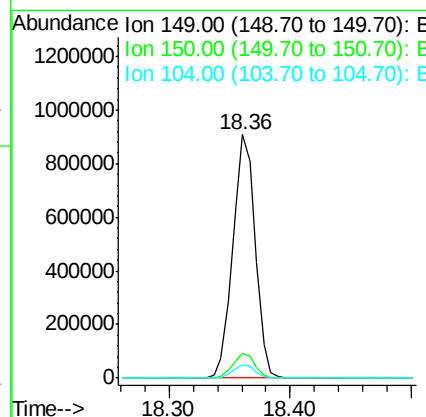
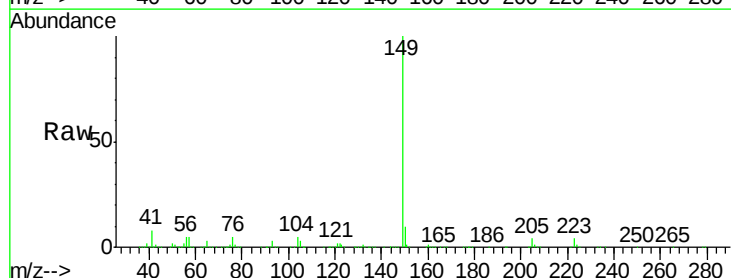
Manual Integrations
 APPROVED

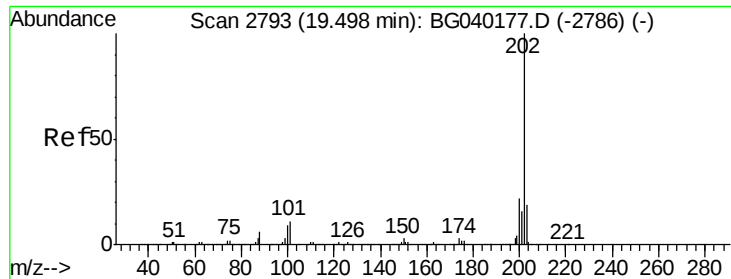
Sohil
 4/5/2019 12:24:59 PM



#74
 Di-n-butylphthalate
 Concen: 41.645 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1168935		
150	10.0	7.9	11.9	
104	5.4	4.1	6.1	





#75

Fluoranthene

Concen: 43.555 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

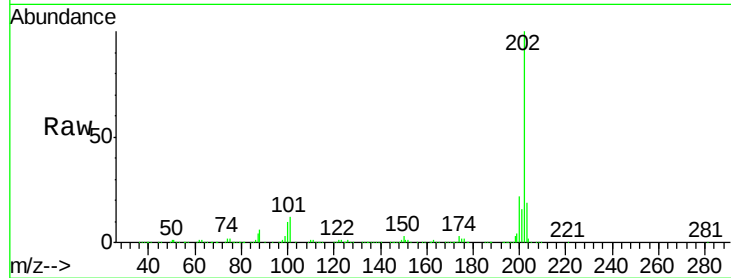
ClientSampleId :

PB118527BS

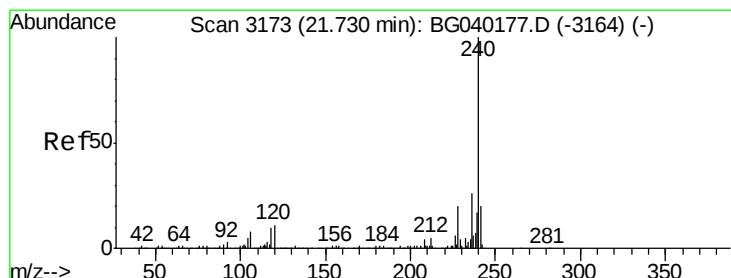
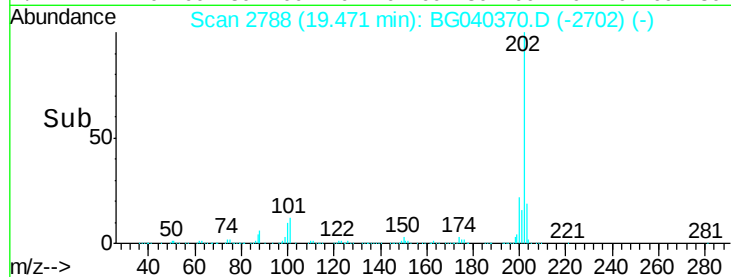
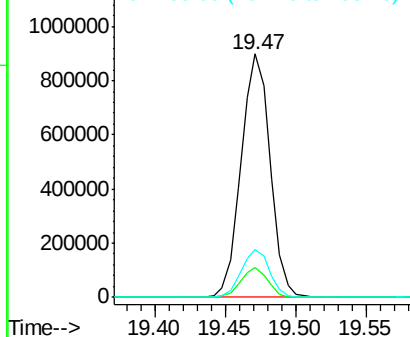
Tgt Ion:	202	Resp:	1289262
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	30.8
203	19.4	0.0	38.9

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

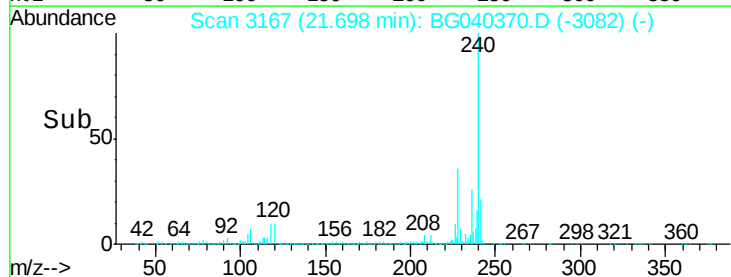
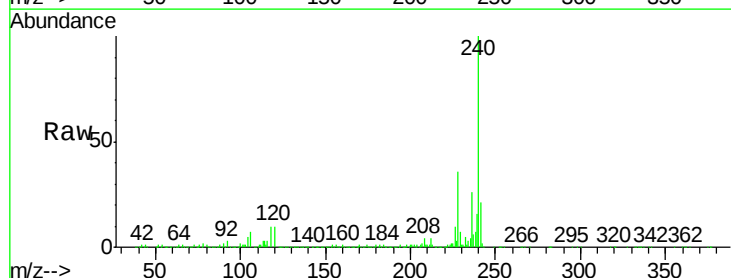
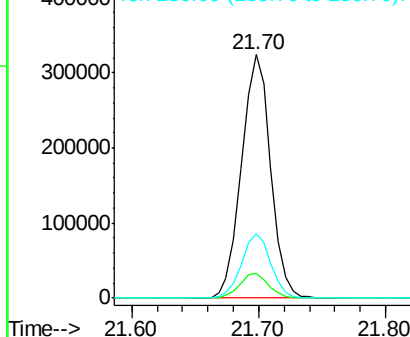
Delta R.T. -0.03 min

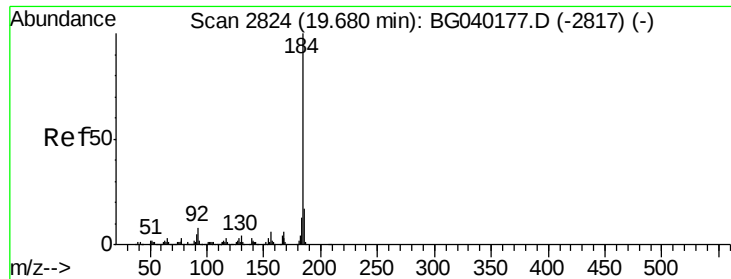
Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion:	240	Resp:	514086
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.4	12.6
236	26.4	20.8	31.2

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.985 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

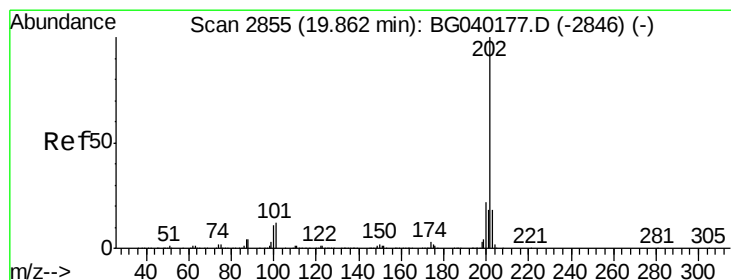
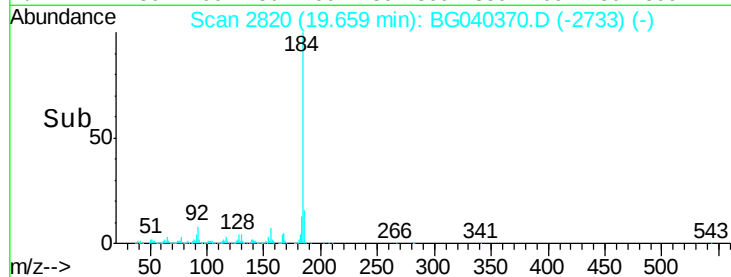
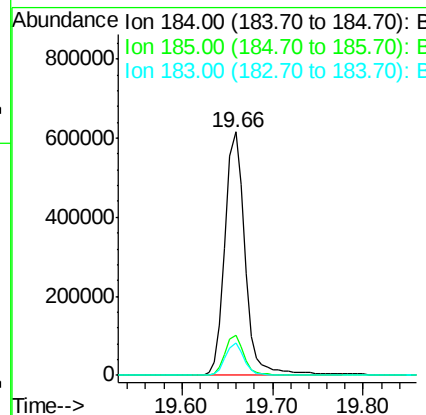
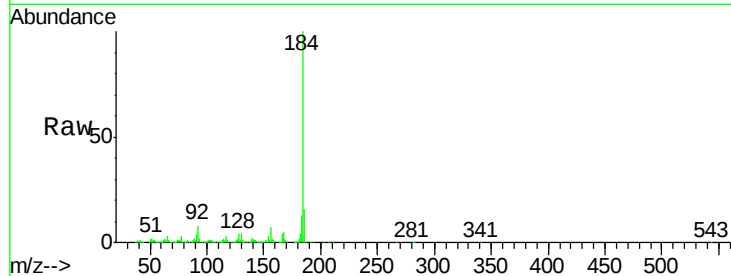
ClientSampleId :

PB118527BS

Tgt Ion:	184	Resp:	946490
Ion Ratio	Lower	Upper	
184	100		
185	16.4	13.3	19.9
183	13.5	10.3	15.5

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



#78

Pyrene

Concen: 38.966 ng

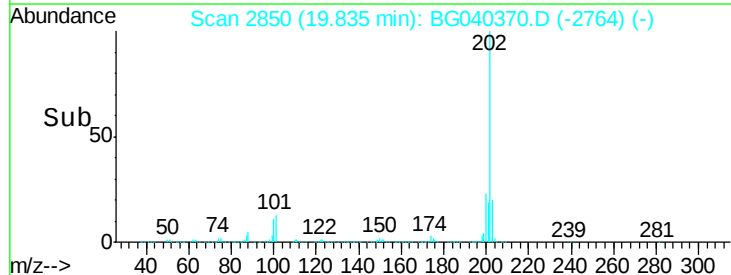
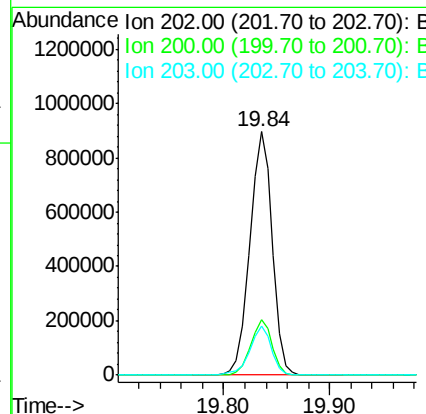
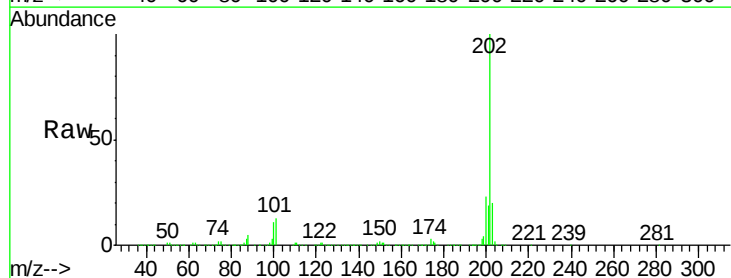
RT: 19.84 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion:	202	Resp:	1317307
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.3	25.9
203	20.0	14.6	22.0





#79

Terphenyl-d14

Concen: 77.851 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

PB118527BS

Tgt Ion:244 Resp: 1779030

Ion Ratio Lower Upper

244 100

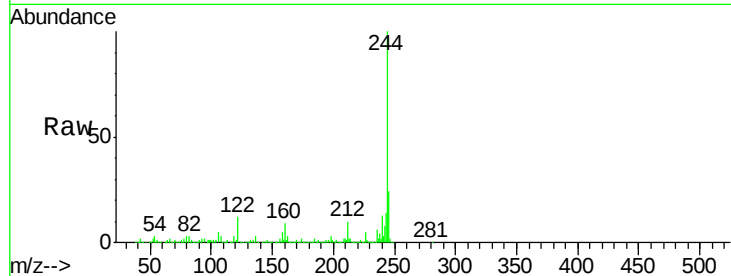
212 9.6 7.0 10.6

122 12.2 8.5 12.7

Manual Integrations
APPROVED

Sohil

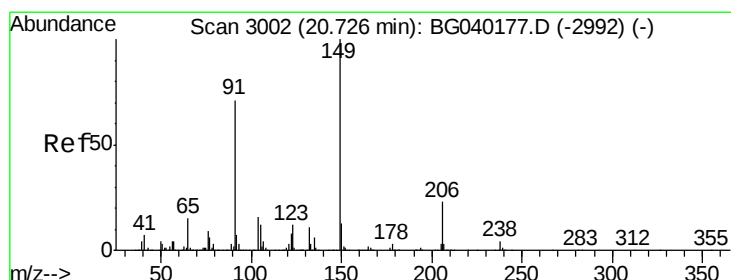
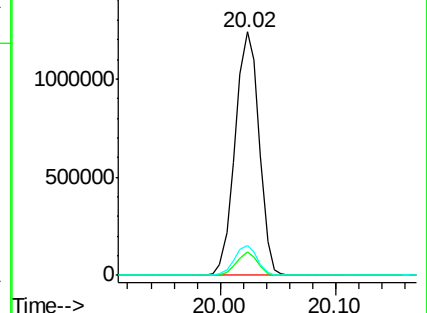
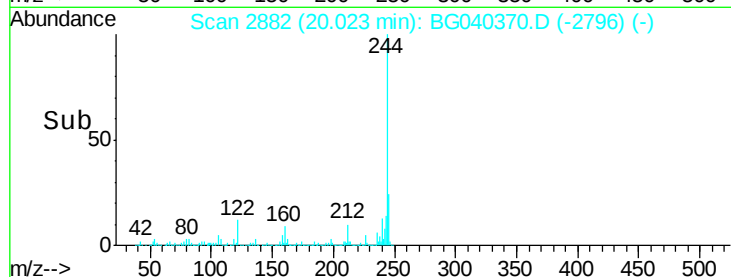
4/5/2019 12:24:59 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.546 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

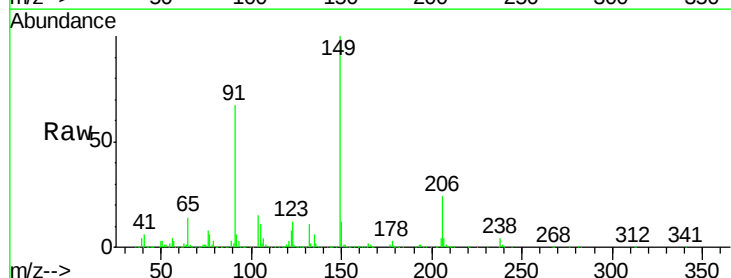
Tgt Ion:149 Resp: 601016

Ion Ratio Lower Upper

149 100

91 67.1 57.0 85.4

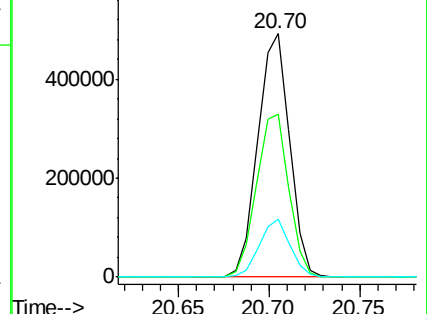
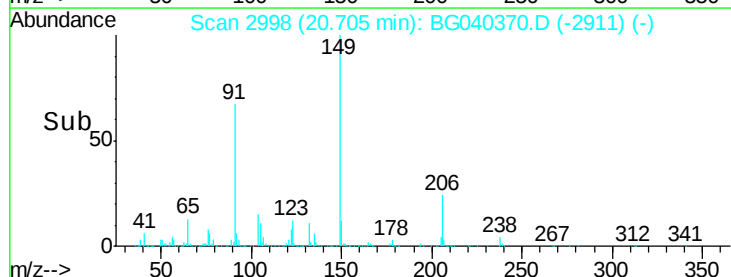
206 24.0 18.2 27.4

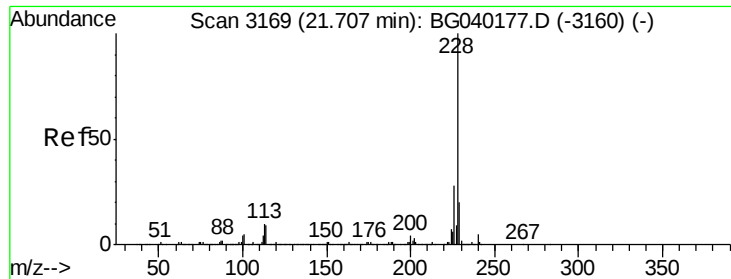


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.481 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

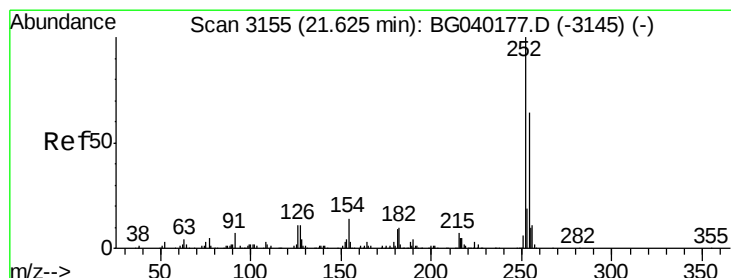
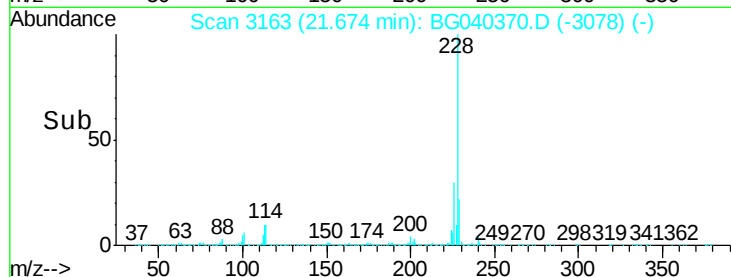
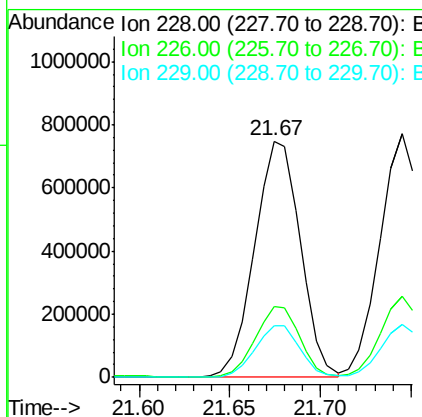
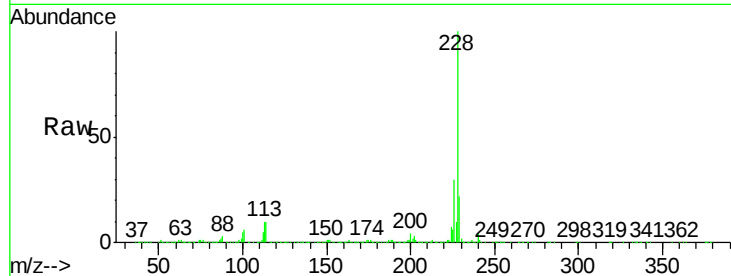
ClientSampleId :

PB118527BS

Tgt Ion:	228	Resp:	1313507
Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	34.0
229	21.7	16.1	24.1

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



#82

3,3'-Dichlorobenzidine

Concen: 41.484 ng

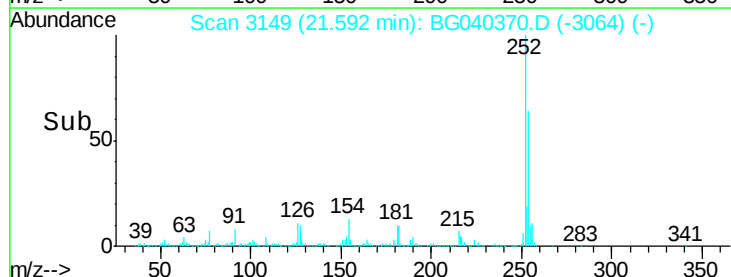
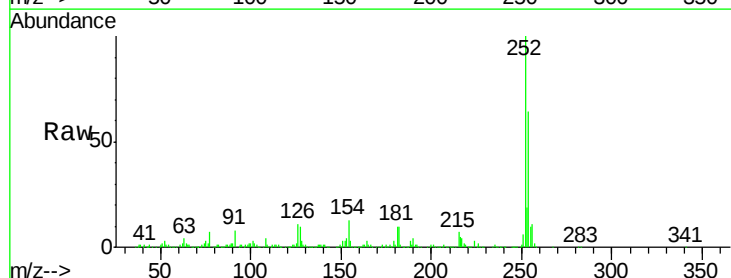
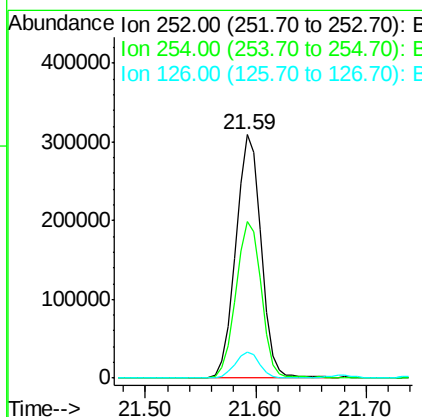
RT: 21.59 min Scan# 3149

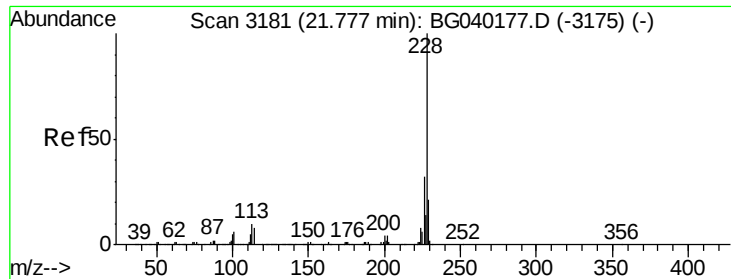
Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion:	252	Resp:	499693
Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.2
126	10.5	8.5	12.7





#83

Chrysene

Concen: 40.876 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampled :

PB118527BS

Tgt Ion:228 Resp: 1243928

Ion Ratio Lower Upper

228 100

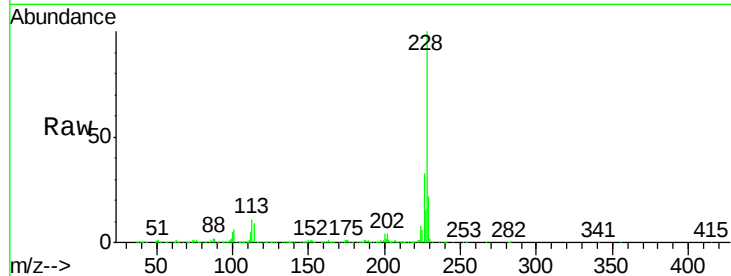
226 33.3 25.4 38.0

229 21.7 17.0 25.4

Manual Integrations
APPROVED

Sohil

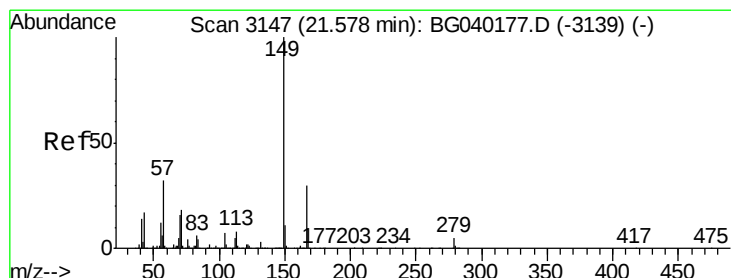
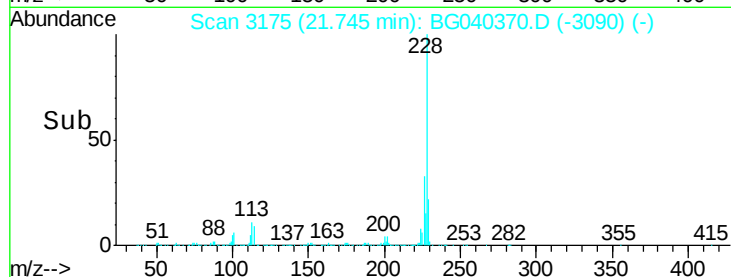
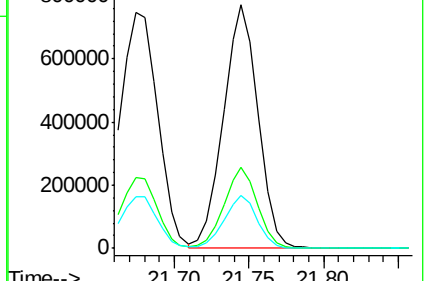
4/5/2019 12:24:59 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.772 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

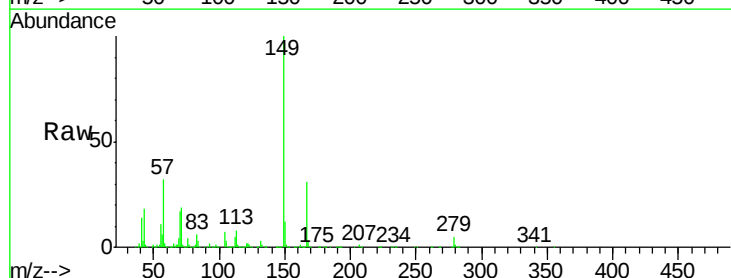
Tgt Ion:149 Resp: 843135

Ion Ratio Lower Upper

149 100

167 30.7 24.1 36.1

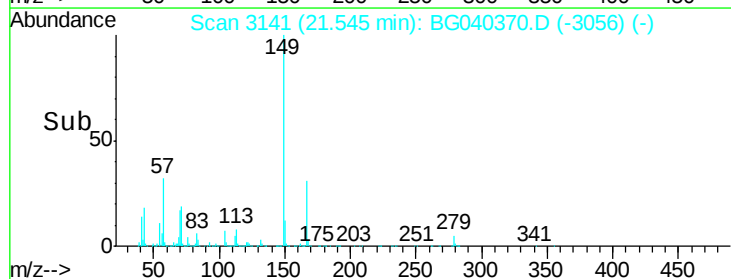
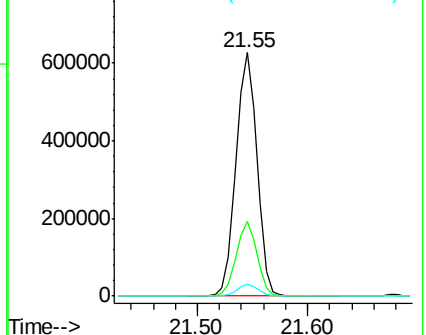
279 5.1 4.1 6.1

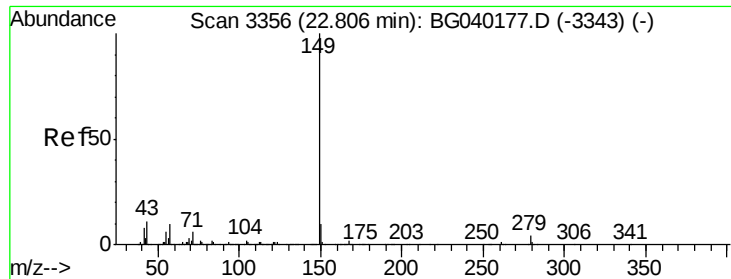


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.424 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

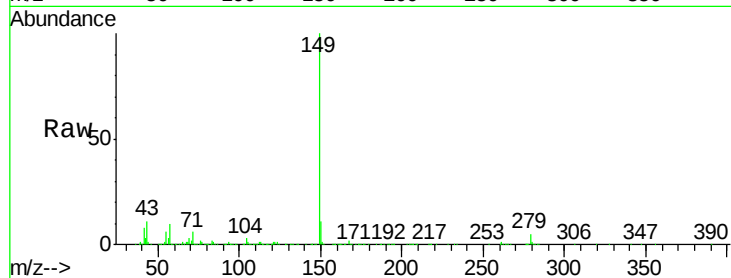
ClientSampleId :

PB118527BS

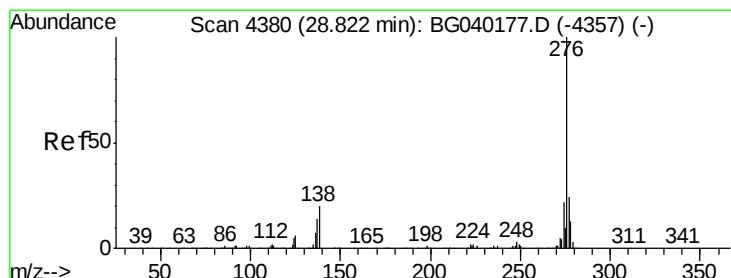
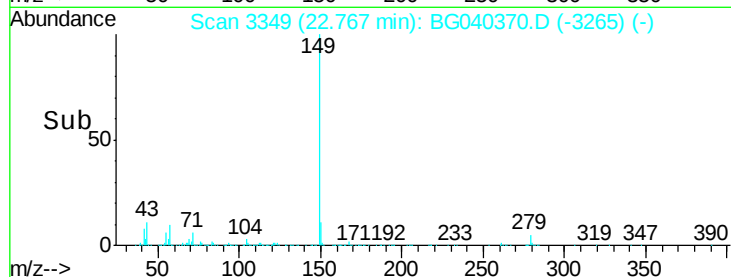
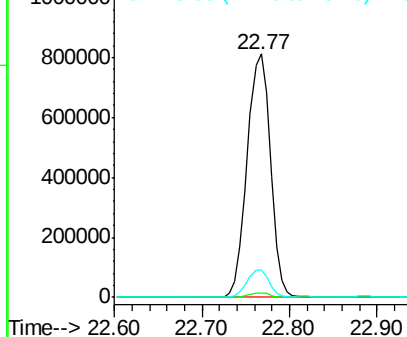
Tgt Ion:	149	Resp:	1459471
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	10.8	8.7	13.1

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.649 ng

RT: 28.74 min Scan# 4365

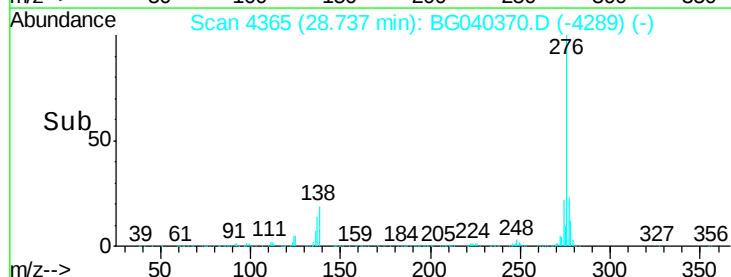
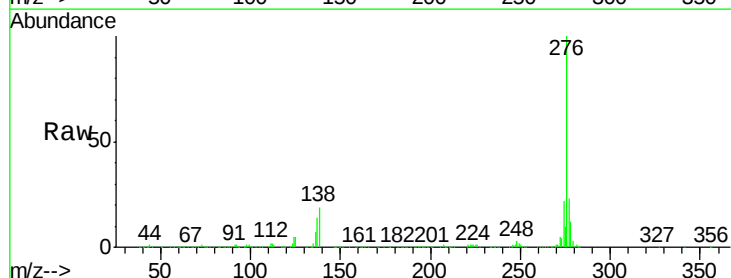
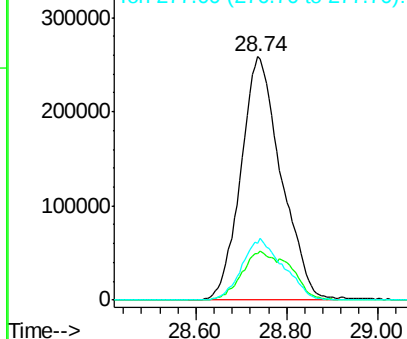
Delta R.T. -0.09 min

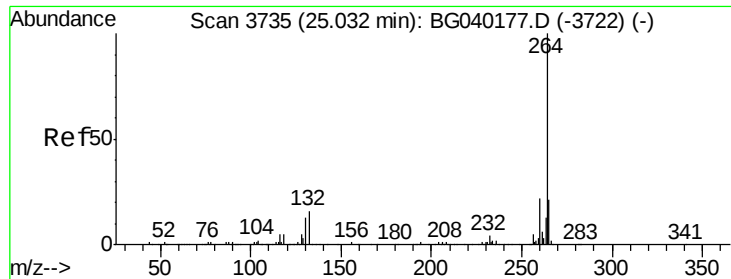
Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion:	276	Resp:	1587423
Ion Ratio	Lower	Upper	
276	100		
138	15.9	18.8	28.2#
277	26.0	21.0	31.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

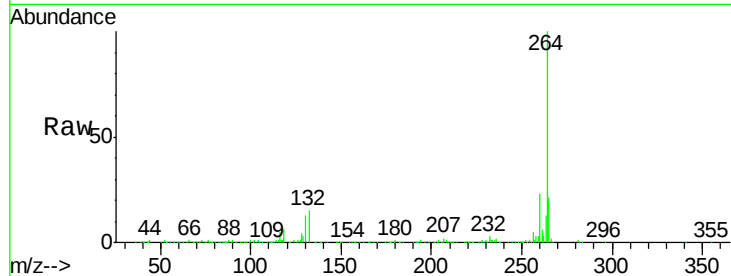
ClientSampleId :

PB118527BS

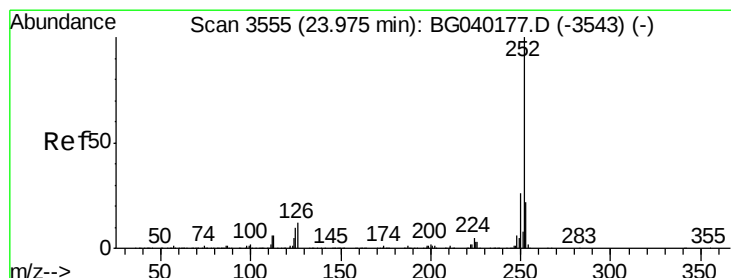
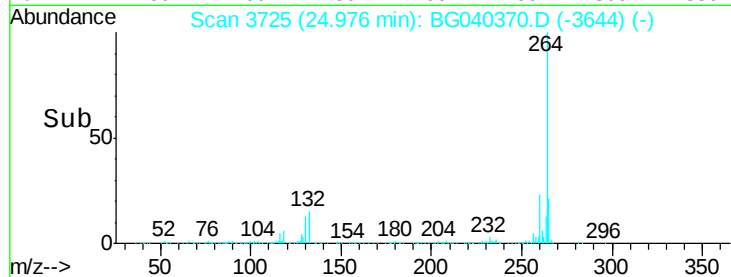
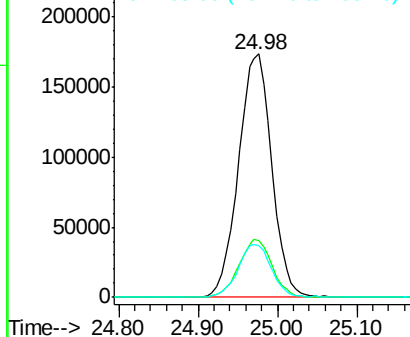
Tgt Ion:	264	Resp:	504818
Ion Ratio		Lower	Upper
264	100		
260	23.1	17.9	26.9
265	21.3	16.8	25.2

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.750 ng

RT: 23.92 min Scan# 3546

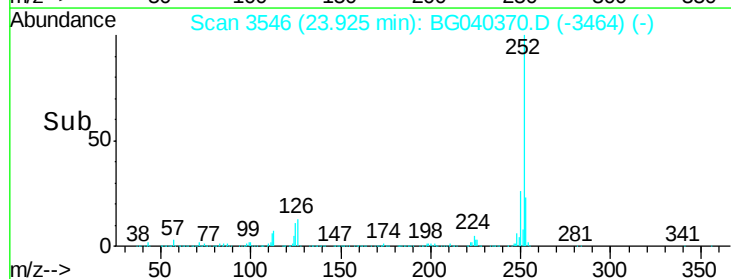
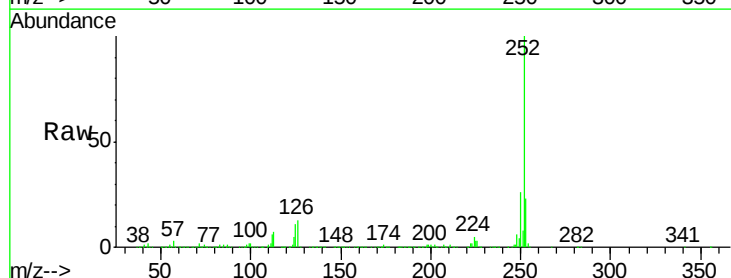
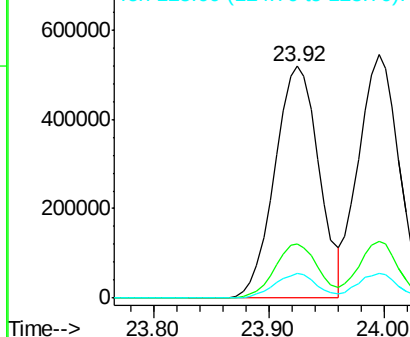
Delta R.T. -0.05 min

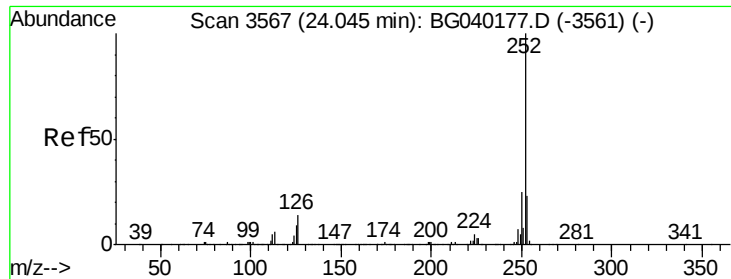
Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion:	252	Resp:	1383098
Ion Ratio		Lower	Upper
252	100		
253	23.2	17.6	26.4
125	10.9	8.2	12.4

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





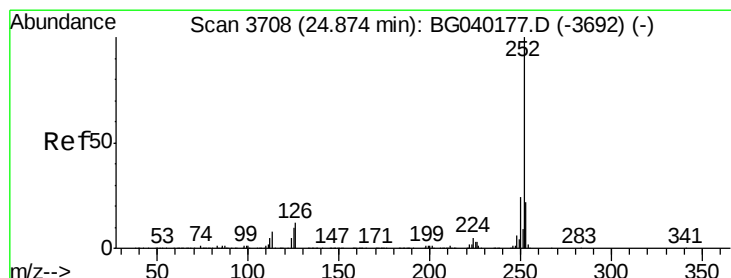
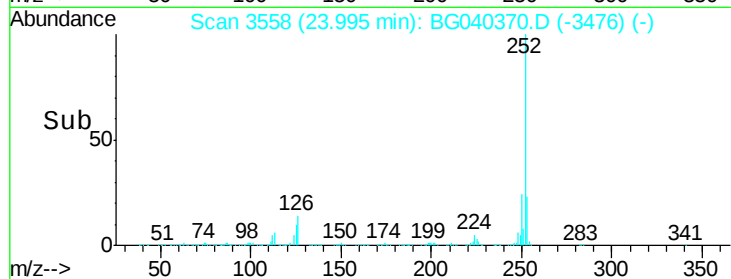
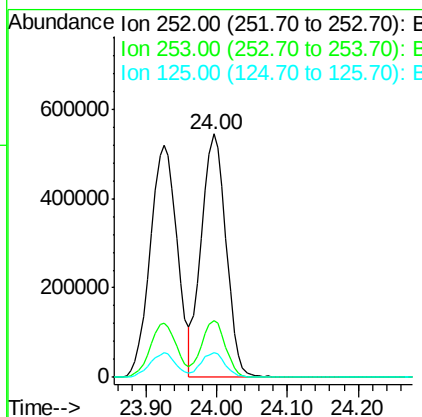
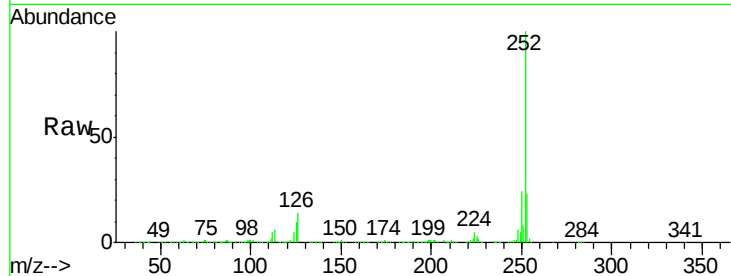
#89
Benzo(k)fluoranthene
Concen: 46.794 ng
RT: 24.00 min Scan# 3558
Delta R.T. -0.05 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :
PB118527BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	10.3	7.3	10.9

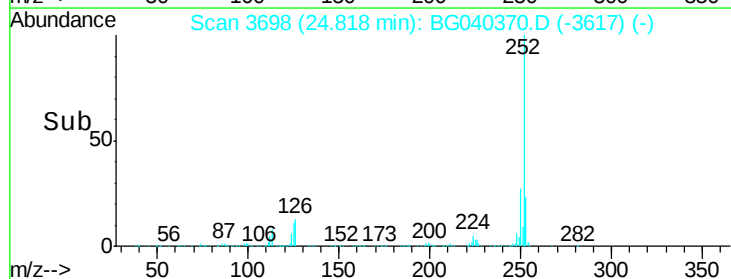
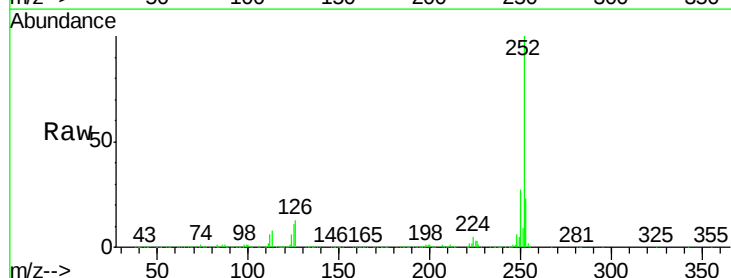
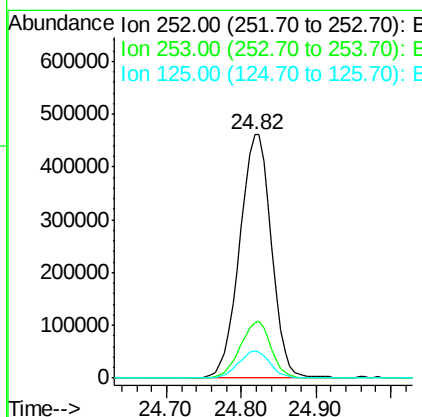
Manual Integrations
APPROVED

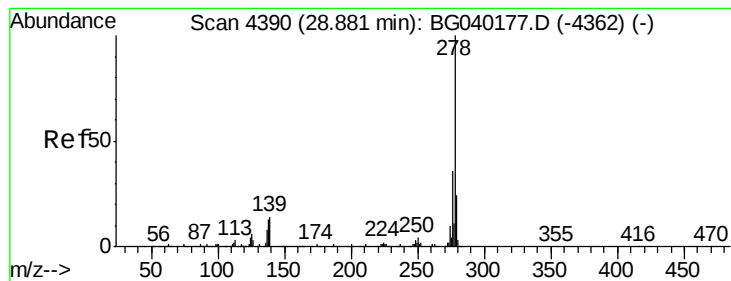
Sohil
4/5/2019 12:24:59 PM



#90
Benzo(a)pyrene
Concen: 46.979 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.06 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.2	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 47.747 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.08 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

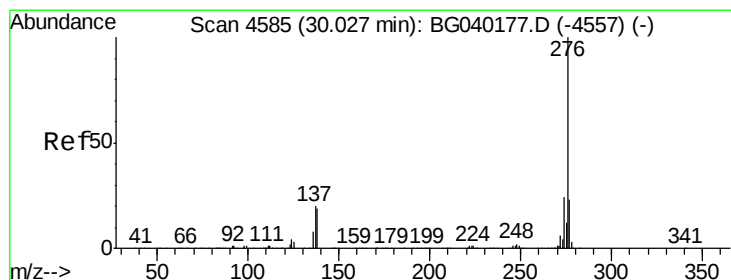
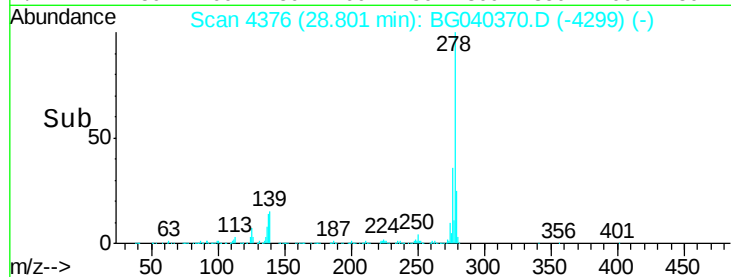
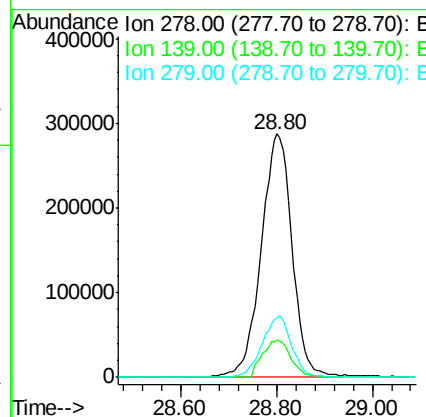
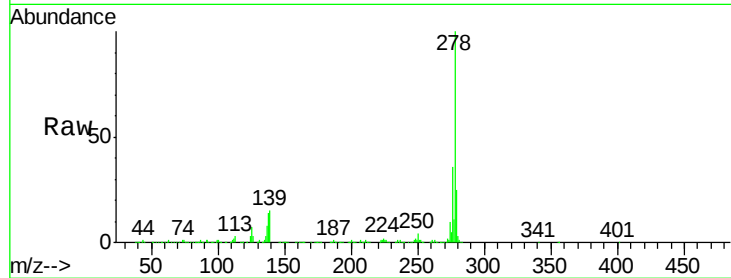
ClientSampleId :

PB118527BS

Tgt Ion:	278	Resp:	1285966
Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.2	16.8
279	24.5	18.9	28.3

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:59 PM



#92

Benzo(g,h,i)perylene

Concen: 47.625 ng

RT: 29.93 min Scan# 4568

Delta R.T. -0.10 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion:	276	Resp:	1318196
Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	21.0	15.2	22.8

