

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039975.D
 Acq On : 18 Mar 2019 18:37
 Operator : JU/SJ
 Sample : PB117991BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Manual Integrations
 APPROVED

Sohil
 3/20/2019 6:52:20 PM

Quant Time: Mar 19 08:03:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38920	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	168783	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	111864	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	272100	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	279161	20.00	ng	-0.02
87) Perylene-d12	25.17	264	253998	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	327968	143.76	ng	-0.02
7) Phenol-d6	7.30	99	452334	132.98	ng	-0.02
23) Nitrobenzene-d5	9.32	82	255637	81.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	172851	132.57	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	601274	76.53	ng	-0.02
79) Terphenyl-d14	20.11	244	1003683	79.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	38189	36.259	ng	98
3) Pyridine	3.98	79	98875	35.066	ng	98
4) n-Nitrosodimethylamine	3.90	42	56348	42.125	ng	# 95
6) Aniline	7.47	93	123220	27.649	ng	98
8) 2-Chlorophenol	7.71	128	117469	42.443	ng	99
9) Benzaldehyde	7.28	77	40803	18.595	ng	94
10) Phenol	7.32	94	160980	43.685	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	114144	39.728	ng	98
12) 1,3-Dichlorobenzene	8.03	146	124162	39.666	ng	99
13) 1,4-Dichlorobenzene	8.18	146	129824	40.718	ng	98
14) 1,2-Dichlorobenzene	8.50	146	121427	39.417	ng	99
15) Benzyl Alcohol	8.38	79	112421	41.663	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	236260	41.115	ng	98
17) 2-Methylphenol	8.58	107	101836	43.340	ng	98
18) Hexachloroethane	9.22	117	46182	40.367	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	91828	37.505	ng	94
20) 3+4-Methylphenols	8.91	107	137578	42.146	ng	96
22) Acetophenone	8.98	105	177579	39.200	ng	# 93
24) Nitrobenzene	9.36	77	141588	43.248	ng	98
25) Isophorone	9.88	82	260244	39.799	ng	97
26) 2-Nitrophenol	10.08	139	66965	42.364	ng	# 94
27) 2,4-Dimethylphenol	10.12	122	120208	48.897	ng	97
28) bis(2-Chloroethoxy)methane	10.36	93	160222	40.320	ng	99
29) 2,4-Dichlorophenol	10.60	162	127477	46.055	ng	92
30) 1,2,4-Trichlorobenzene	10.82	180	130537	41.911	ng	97
31) Naphthalene	11.02	128	370404	41.449	ng	99
32) Benzoic acid	10.25	122	60917	37.726	ng	94
33) 4-Chloroaniline	11.13	127	87425	23.071	ng	97
34) Hexachlorobutadiene	11.28	225	87871	41.286	ng	95
35) Caprolactam	11.91	113	42471m	40.168	ng	
36) 4-Chloro-3-methylphenol	12.23	107	134524	42.398	ng	96
37) 2-Methylnaphthalene	12.61	142	277611	41.552	ng	98
38) 1-Methylnaphthalene	12.83	142	261611	40.293	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	155724	41.092	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039975.D
 Acq On : 18 Mar 2019 18:37
 Operator : JU/SJ
 Sample : PB117991BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB117991BSD

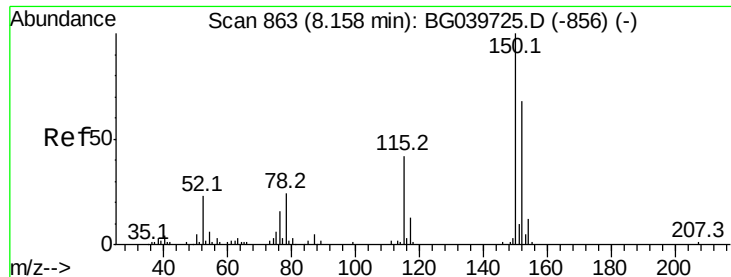
Manual Integrations
 APPROVED

Sohil
 3/20/2019 6:52:20 PM

Quant Time: Mar 19 08:03:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	192153	94.615	nq	98
43) 2,4,6-Trichlorophenol	13.21	196	103405	46.607	nq	98
44) 2,4,5-Trichlorophenol	13.28	196	109596	43.823	nq	97
46) 1,1'-Biphenyl	13.61	154	371719	40.401	nq	98
47) 2-Chloronaphthalene	13.66	162	283210	40.917	nq	100
48) 2-Nitroaniline	13.86	65	100252	45.070	nq	97
49) Acenaphthylene	14.50	152	455809	40.115	nq	99
50) Dimethylphthalate	14.22	163	376071	40.204	nq	100
51) 2,6-Dinitrotoluene	14.35	165	83238	41.976	nq	98
52) Acenaphthene	14.83	154	275361	40.265	nq	98
53) 3-Nitroaniline	14.69	138	58039	29.117	nq	# 96
54) 2,4-Dinitrophenol	14.89	184	70529	57.949	nq	98
55) Dibenzofuran	15.17	168	457663	40.789	nq	98
56) 4-Nitrophenol	14.98	139	139475	78.217	nq	95
57) 2,4-Dinitrotoluene	15.13	165	120575	43.274	nq	91
58) Fluorene	15.81	166	356335	40.398	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	106134	43.455	nq	98
60) Diethylphthalate	15.57	149	380842	41.129	nq	97
61) 4-Chlorophenyl-phenylether	15.80	204	191428	40.669	nq	98
62) 4-Nitroaniline	15.85	138	89428	41.383	nq	97
63) Azobenzene	16.10	77	351956	41.931	nq	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	62941	39.122	nq	98
66) n-Nitrosodiphenylamine	16.02	169	330009	41.893	nq	98
67) 4-Bromophenyl-phenylether	16.70	248	123297	40.482	nq	98
68) Hexachlorobenzene	16.81	284	129481	41.013	nq	94
69) Atrazine	16.96	200	130302	42.030	nq	98
70) Pentachlorophenol	17.16	266	158371	79.429	nq	99
71) Phenanthrene	17.56	178	605646	40.410	nq	99
72) Anthracene	17.65	178	619857	42.441	nq	99
73) Carbazole	17.92	167	542213	41.180	nq	98
74) Di-n-butylphthalate	18.45	149	654068	42.221	nq	100
75) Fluoranthene	19.56	202	739288	41.738	nq	98
77) Benzidine	19.74	184	262874	29.674	nq	99
78) Pyrene	19.93	202	741109	40.855	nq	99
80) Butylbenzylphthalate	20.79	149	307694	43.782	nq	95
81) Benzo(a)anthracene	21.78	228	694647	39.704	nq	99
82) 3,3'-Dichlorobenzidine	21.69	252	174661	27.344	nq	100
83) Chrysene	21.85	228	673170	39.688	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	425437	43.078	nq	99
85) Di-n-octyl phthalate	22.90	149	719692	44.012	nq	96
86) Indeno(1,2,3-cd)pyrene	29.03	276	771994	40.120	nq	# 96
88) Benzo(b)fluoranthene	24.09	252	706535	46.647	nq	98
89) Benzo(k)fluoranthene	24.16	252	659576	46.782	nq	99
90) Benzo(a)pyrene	25.01	252	671652	47.988	nq	98
91) Dibenzo(a,h)anthracene	29.10	278	629185	45.855	nq	97
92) Benzo(g,h,i)perylene	30.25	276	650554	47.208	nq	96

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



#1

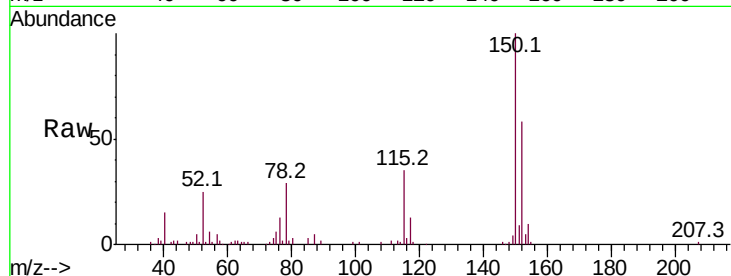
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampled :
PB117991BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	172.6	123.7	185.5
115	60.4	45.9	68.9

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM

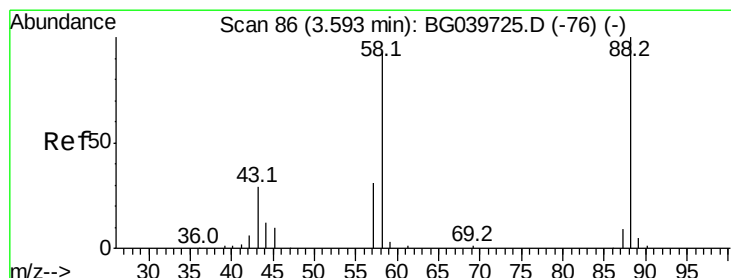
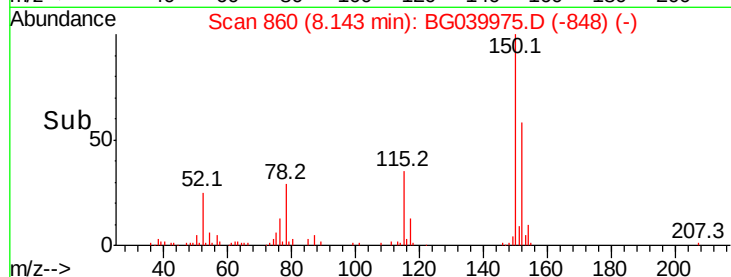
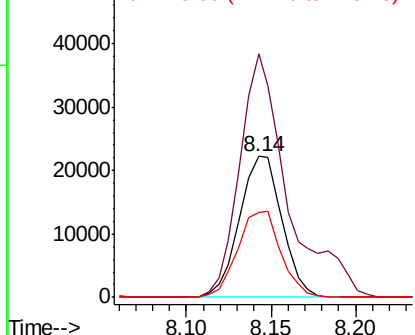


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

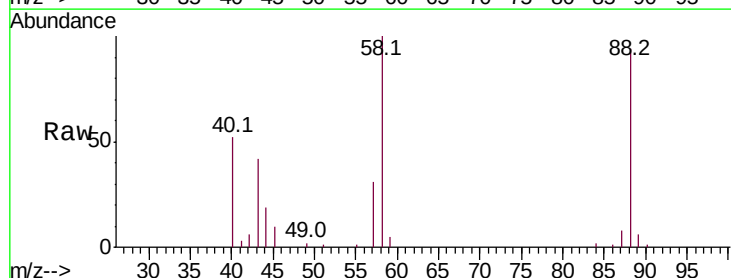
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.259 ng
RT: 3.57 min Scan# 82
Delta R.T. -0.03 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.9	81.1	121.7
43	40.1	31.4	47.0

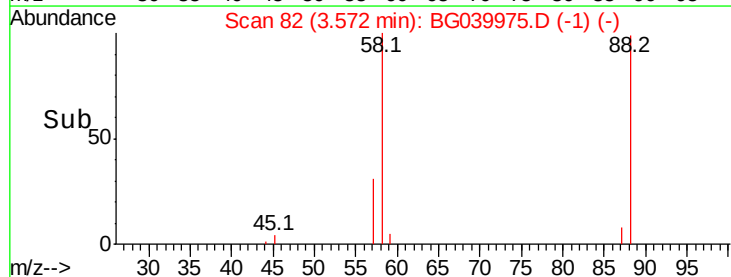
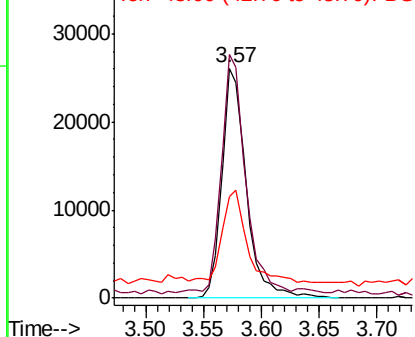


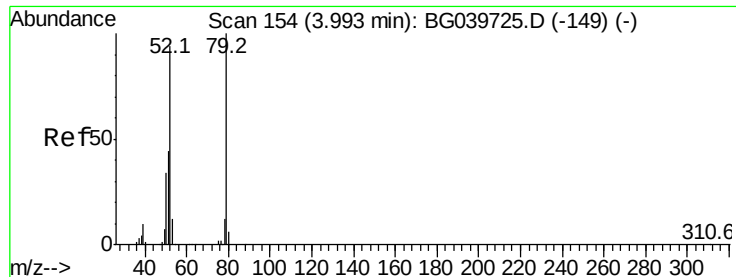
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.066 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

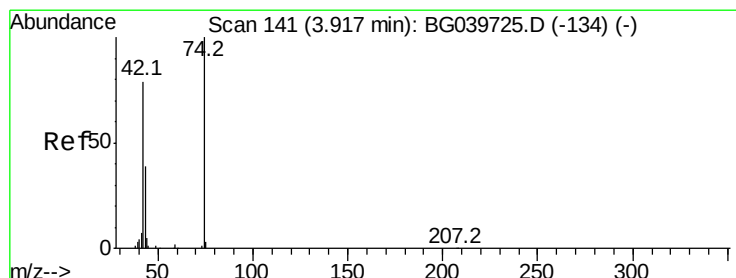
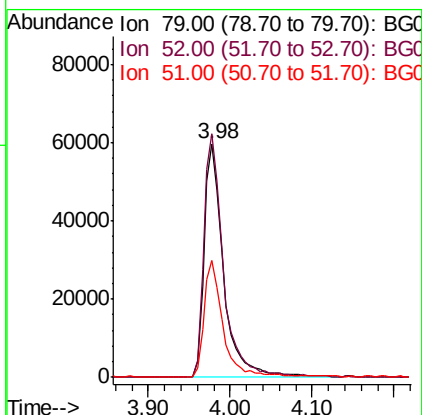
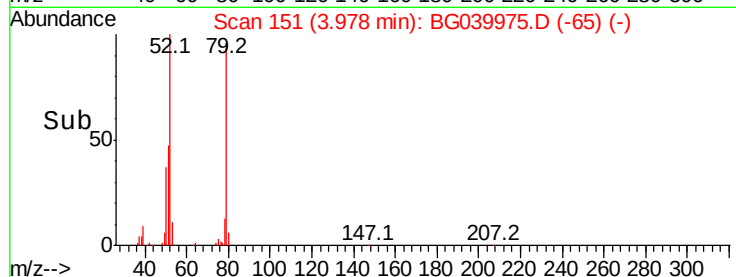
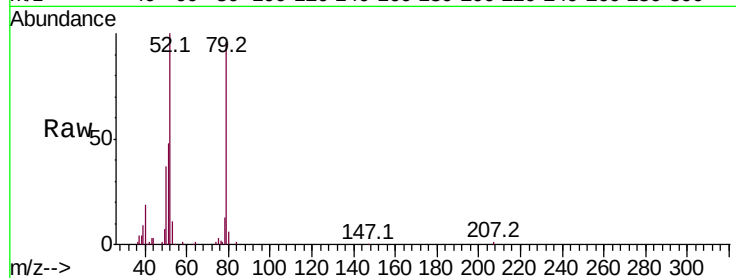
ClientSampleId :

PB117991BSD

Tot Ion:	79	Resp:	98875
Ion Ratio	Lower	Upper	
79	100		
52	104.1	82.6	124.0
51	50.1	37.5	56.3

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM



#4

n-Nitrosodimethylamine

Concen: 42.125 ng

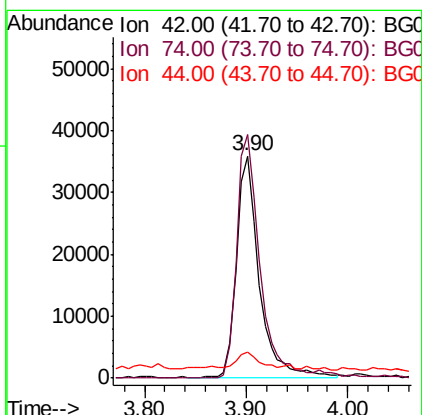
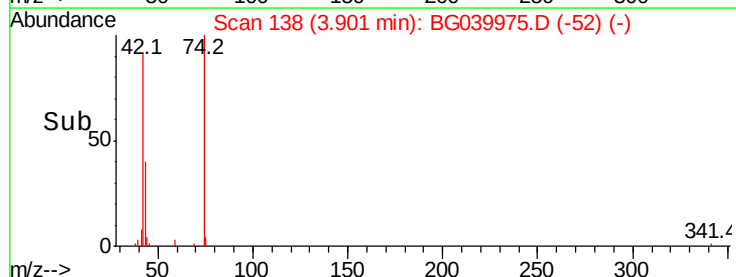
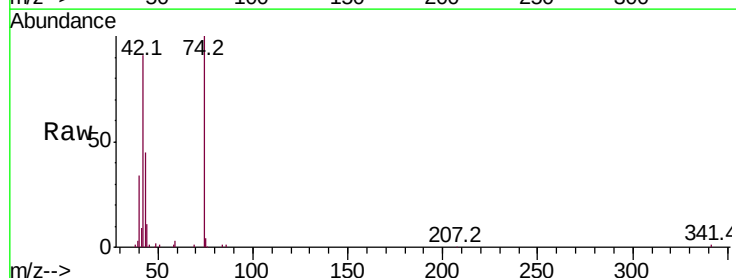
RT: 3.90 min Scan# 138

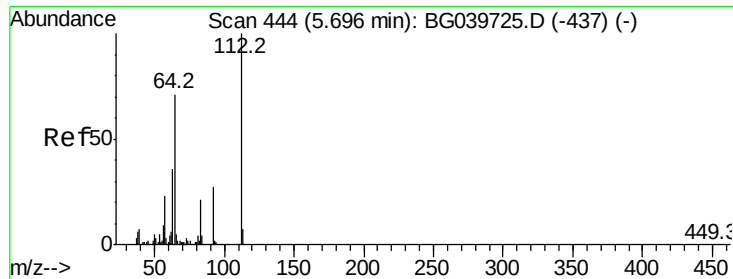
Delta R.T. -0.03 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Tgt Ion:	42	Resp:	56348
Ion Ratio	Lower	Upper	
42	100		
74	109.8	83.6	125.4
44	11.9	6.9	10.3#





#5

2-Fluorophenol

Concen: 143.761 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

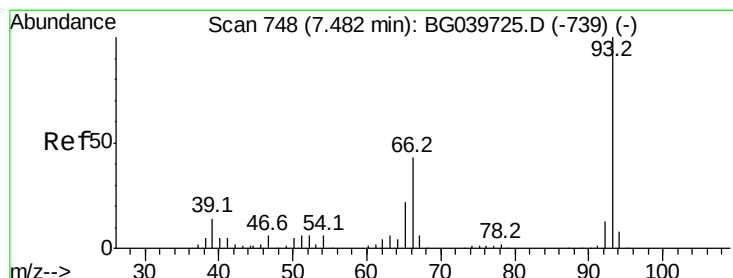
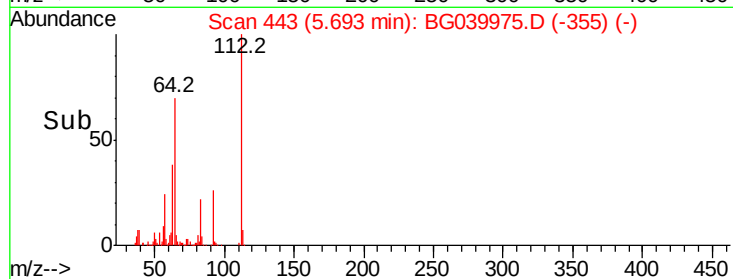
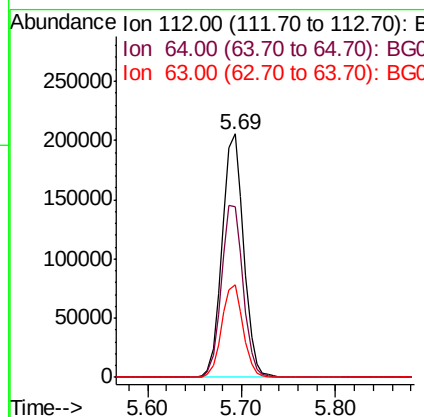
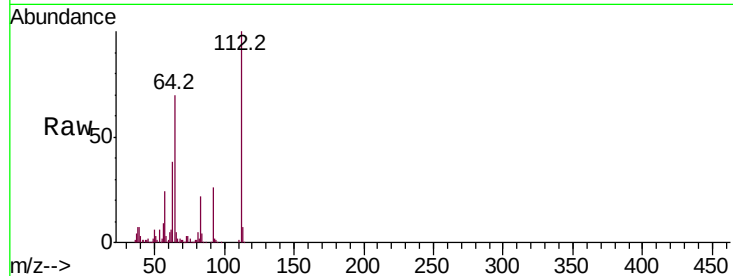
ClientSampled :

PB117991BSD

Tot Ion:	112	Resp:	327968
Ion Ratio	Lower	Upper	
112	100		
64	69.9	57.8	86.8
63	37.8	29.8	44.6

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM



#6

Aniline

Concen: 27.649 ng

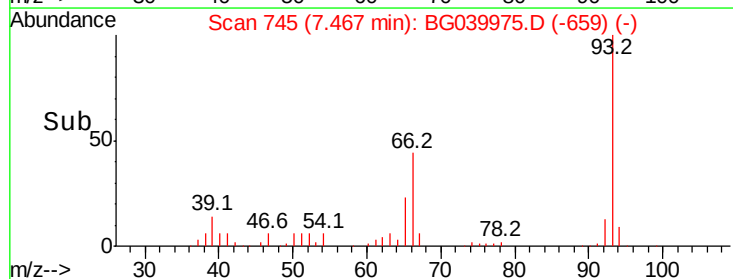
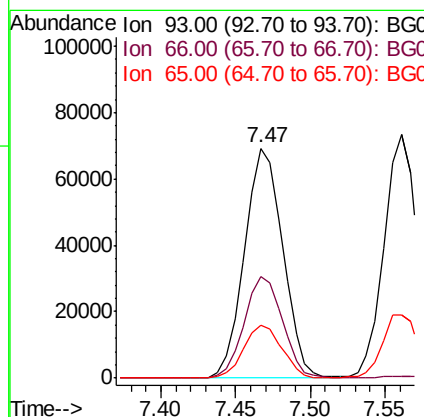
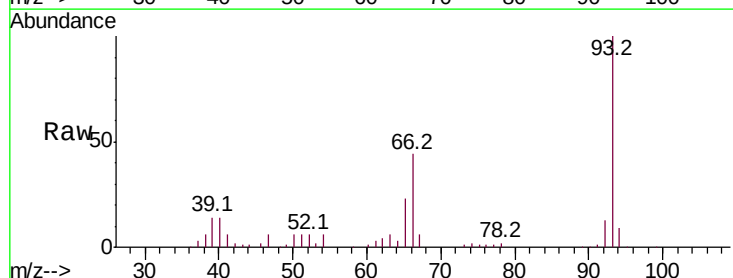
RT: 7.47 min Scan# 745

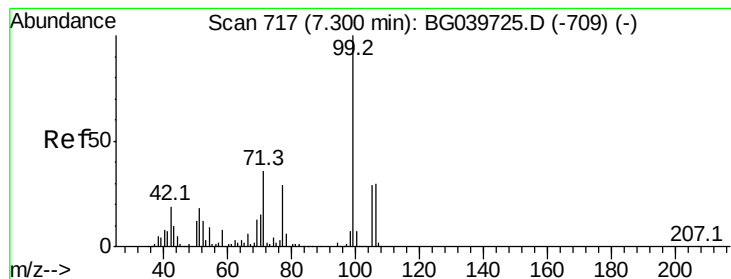
Delta R.T. -0.03 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Tgt Ion:	93	Resp:	123220
Ion Ratio	Lower	Upper	
93	100		
66	44.1	34.2	51.4
65	23.2	17.7	26.5





#7

Phenol-d6

Concen: 132.976 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

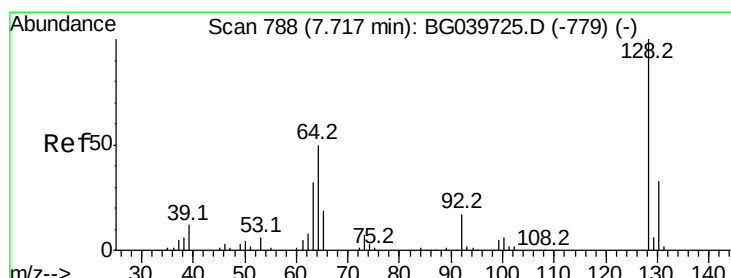
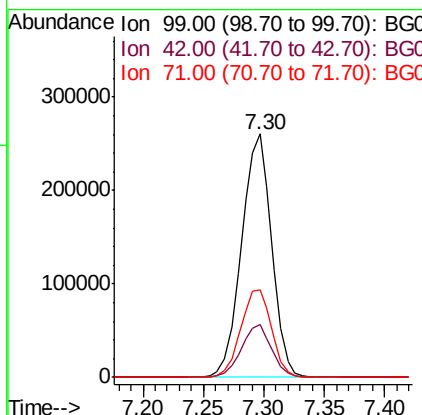
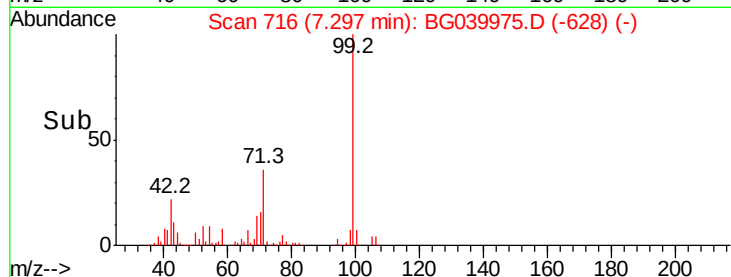
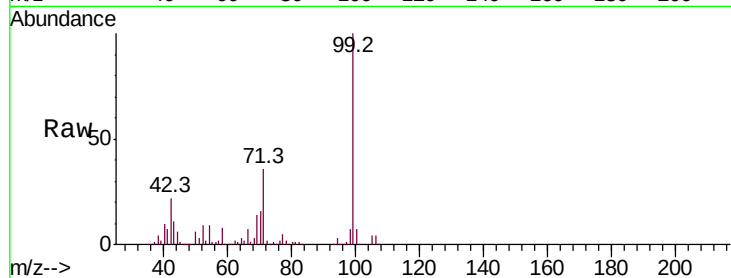
ClientSampleId :

PB117991BSD

Tot Ion:	99	Resp:	452334
Ion Ratio	Lower	Upper	
99	100		
42	21.7	18.2	27.2
71	36.2	28.0	42.0

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM



#8

2-Chlorophenol

Concen: 42.443 ng

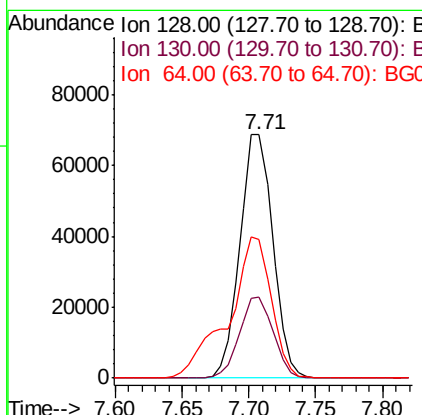
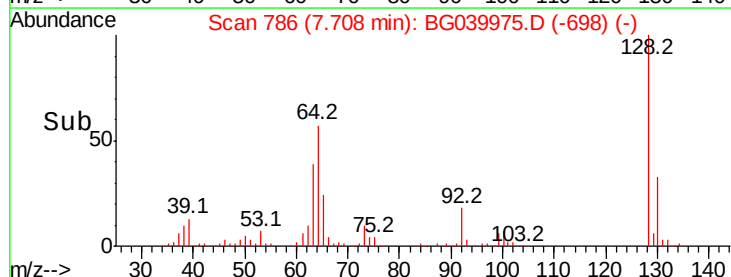
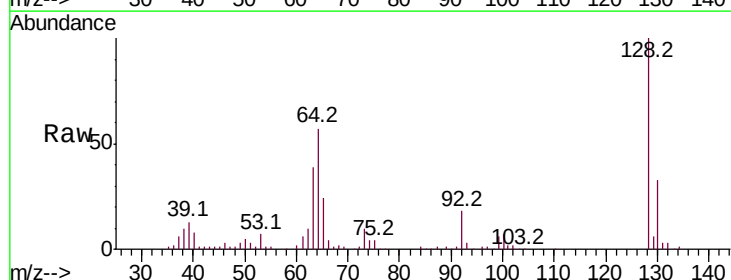
RT: 7.71 min Scan# 786

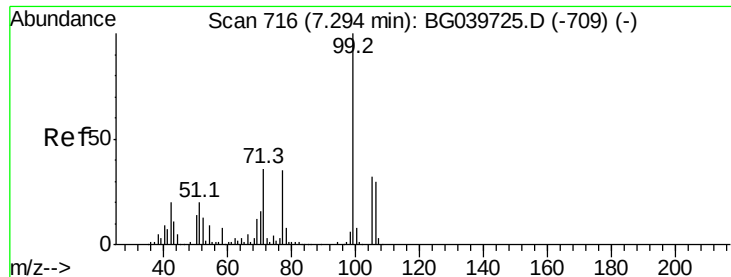
Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Tgt Ion:	128	Resp:	117469
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.9	52.9
64	57.2	38.7	78.7





#9

Benzaldehyde

Concen: 18.595 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

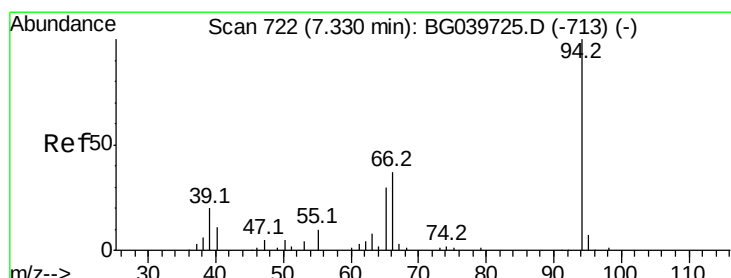
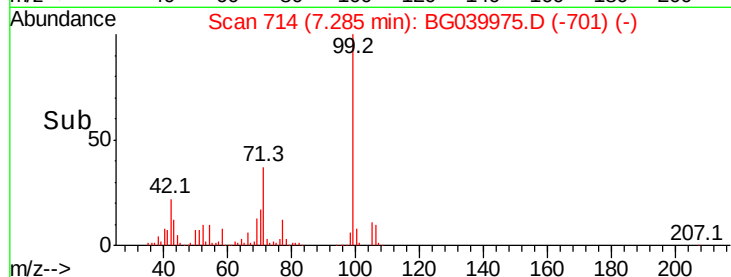
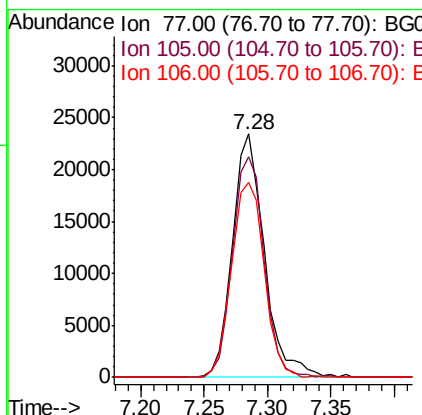
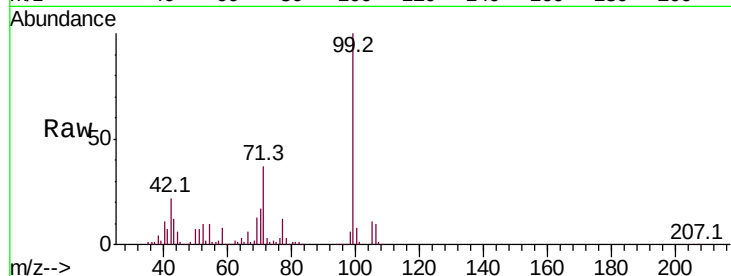
ClientSampleId :

PB117991BSD

Tot Ion:	77	Resp:	40803
Ion Ratio	Lower	Upper	
77	100		
105	90.5	74.5	114.5
106	80.3	68.0	108.0

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM



#10

Phenol

Concen: 43.685 ng

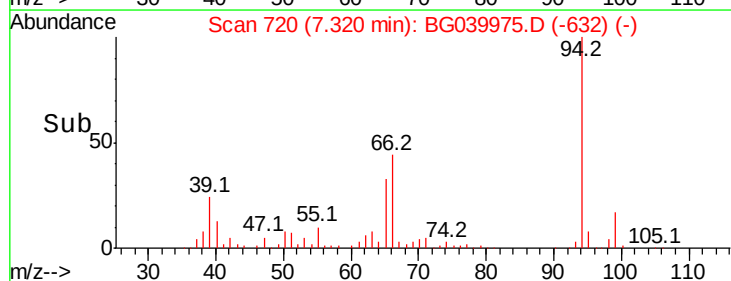
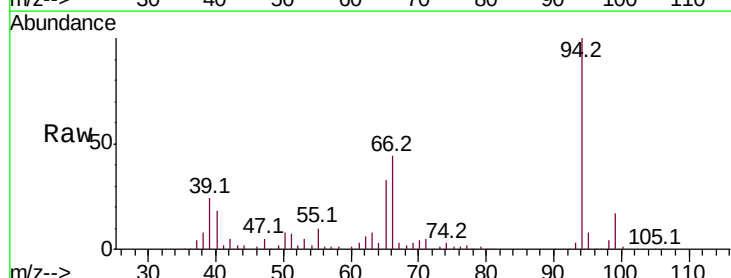
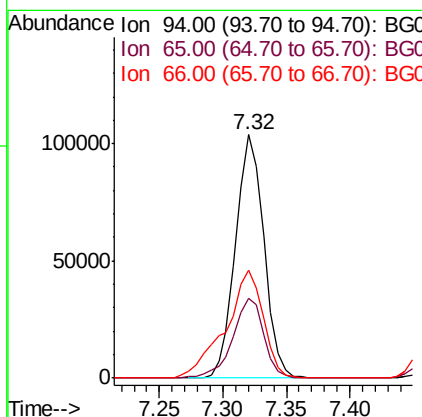
RT: 7.32 min Scan# 720

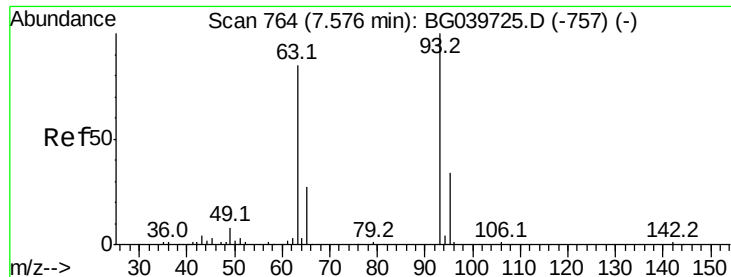
Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Tgt Ion:	94	Resp:	160980
Ion Ratio	Lower	Upper	
94	100		
65	33.0	11.7	51.7
66	44.2	23.7	63.7





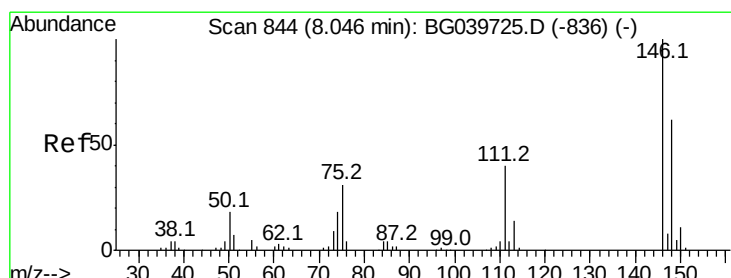
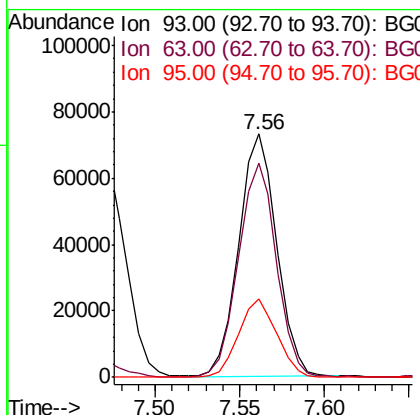
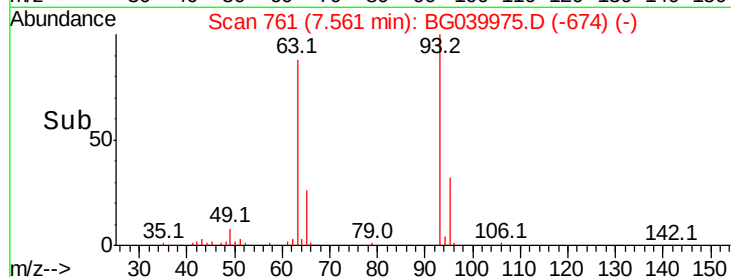
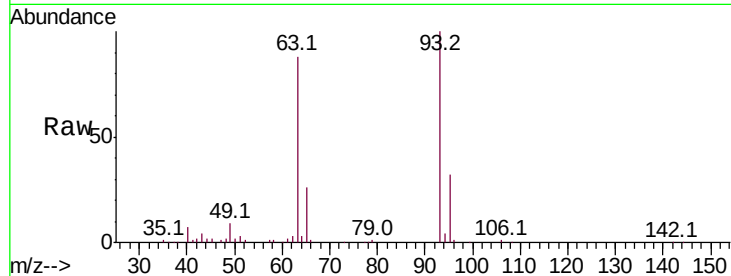
#11
bis(2-Chloroethyl)ether
Concen: 39.728 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion:	93	Resp:	114144
Ion	Ratio	Lower	Upper
93	100		
63	87.8	69.5	109.5
95	32.1	12.7	52.7

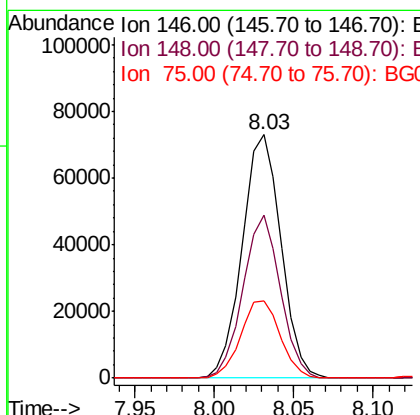
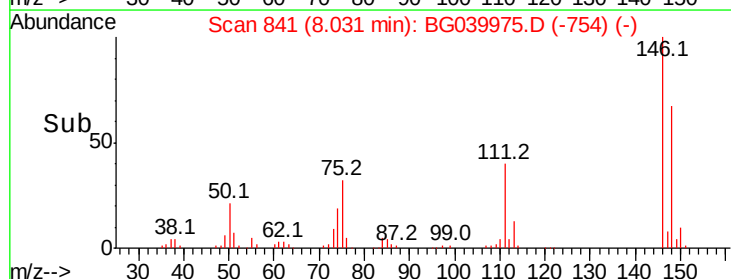
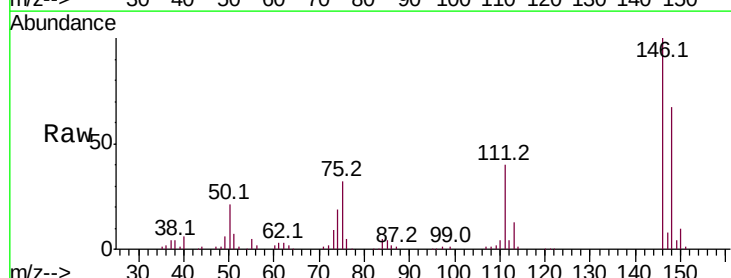
Manual Integrations
APPROVED

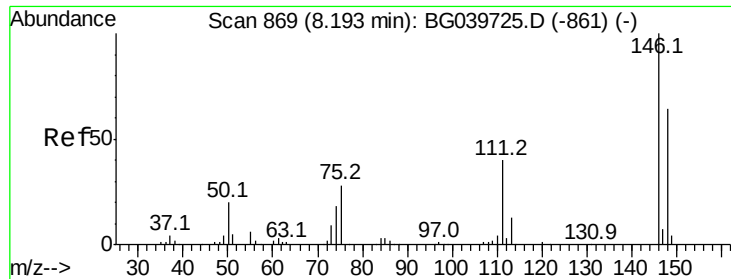
Sohil
3/20/2019 6:52:20 PM



#12
1,3-Dichlorobenzene
Concen: 39.666 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion:	146	Resp:	124162
Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.6	79.0
75	31.6	25.8	38.6





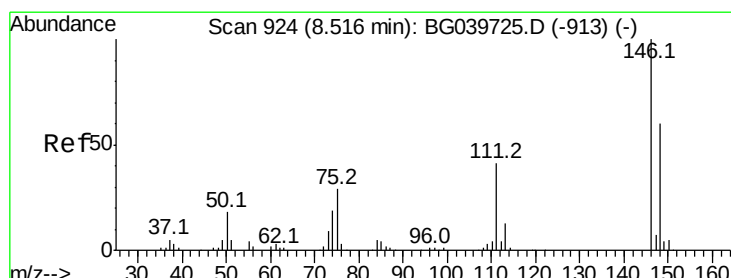
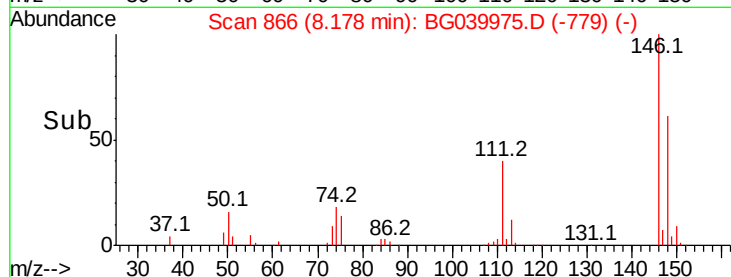
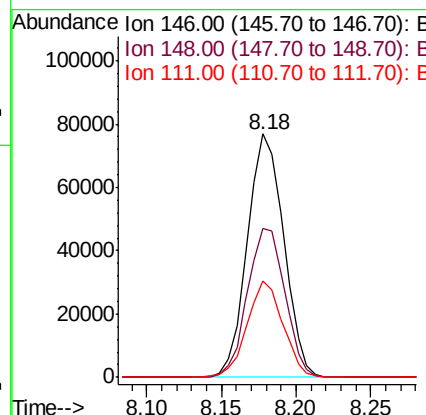
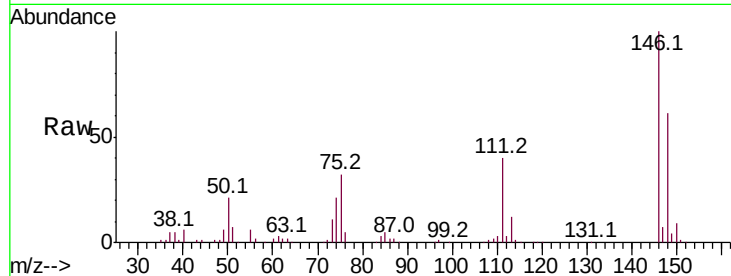
#13
 1,4-Dichlorobenzene
 Concen: 40.718 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Instrument :
 BNA_G
 ClientSampled :
 PB117991BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.1	76.7
111	39.8	32.6	48.8

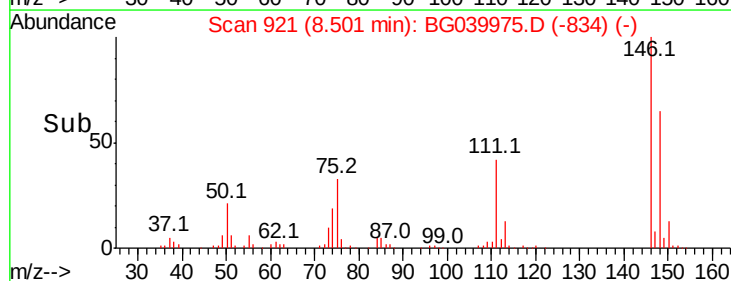
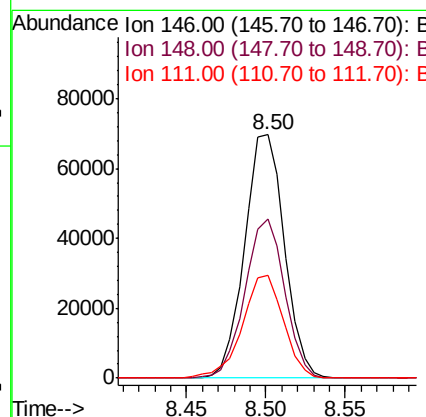
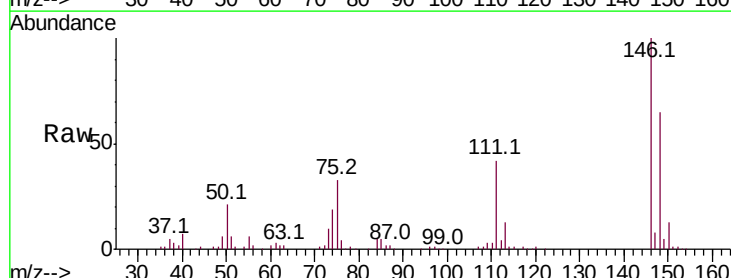
Manual Integrations
 APPROVED

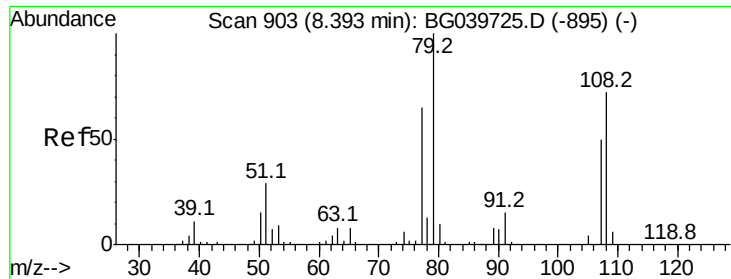
Sohil
 3/20/2019 6:52:20 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.417 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.5	77.3
111	42.3	33.8	50.6





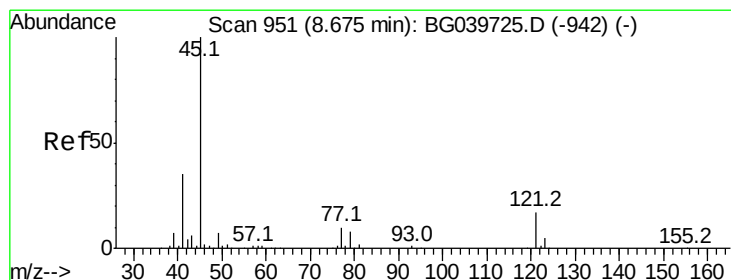
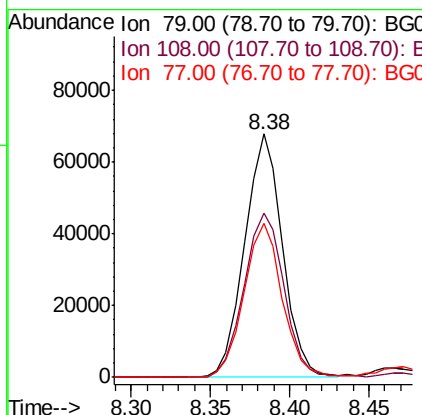
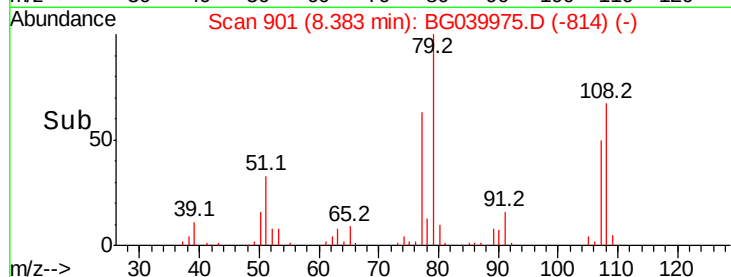
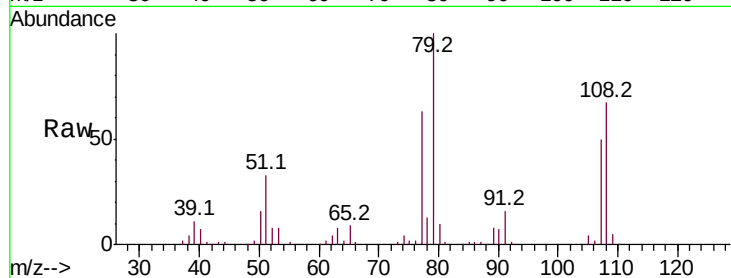
#15
Benzyl Alcohol
Concen: 41.663 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.2	57.8	86.6
77	63.3	51.1	76.7

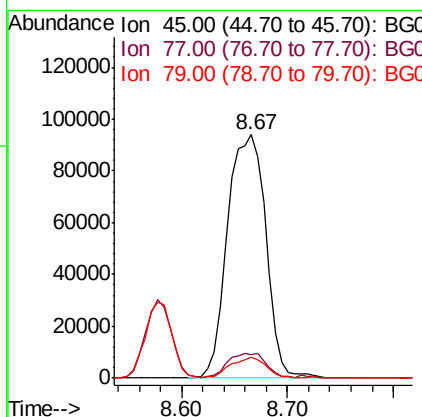
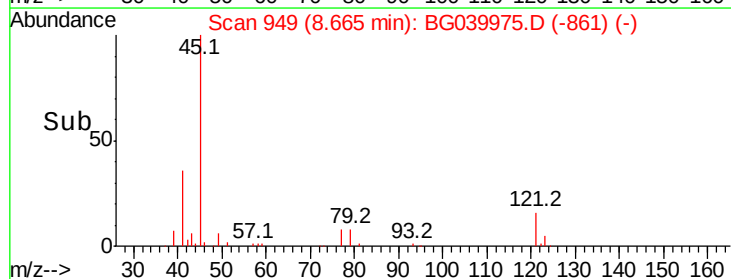
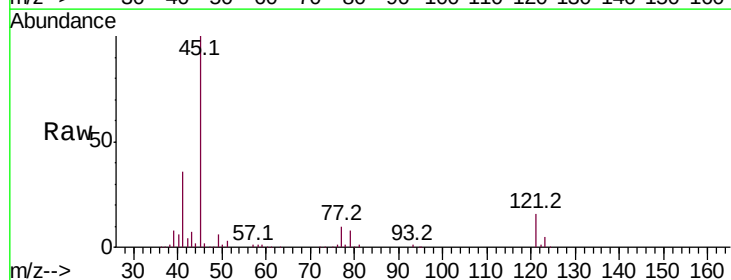
Manual Integrations
APPROVED

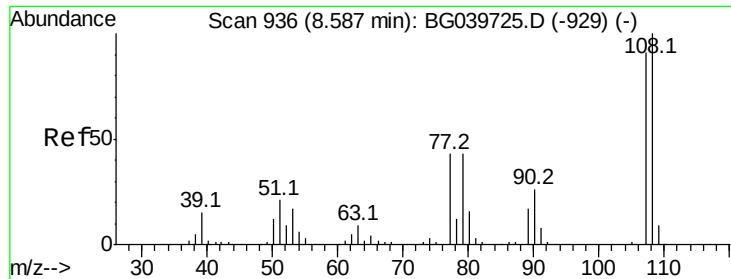
Sohil
3/20/2019 6:52:20 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.115 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	30.0
79	8.4	0.0	27.5





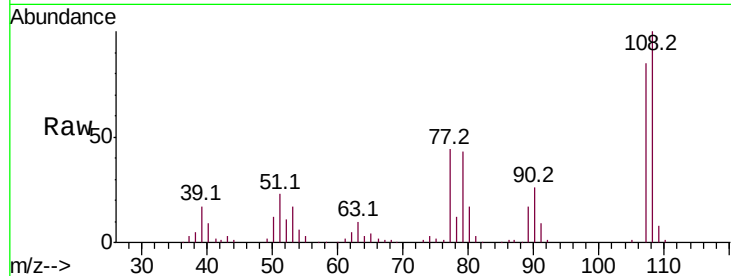
#17
2-Methylphenol
Concen: 43.340 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampled :
PB117991BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.3	90.8	136.2	
77	51.6	40.7	61.1	
79	50.2	40.6	60.8	

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM



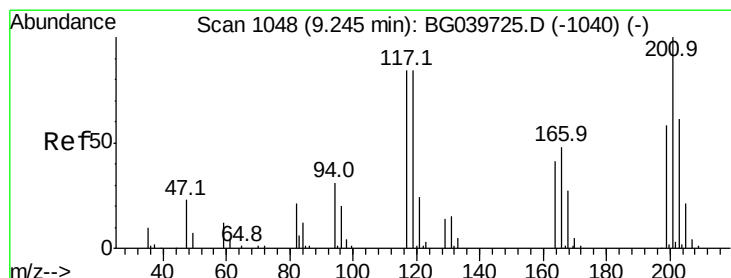
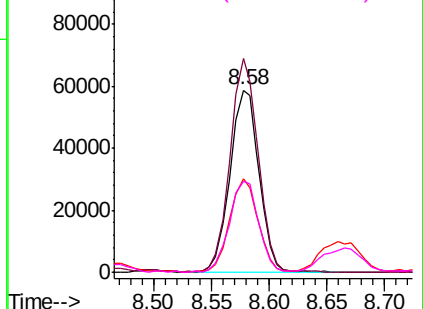
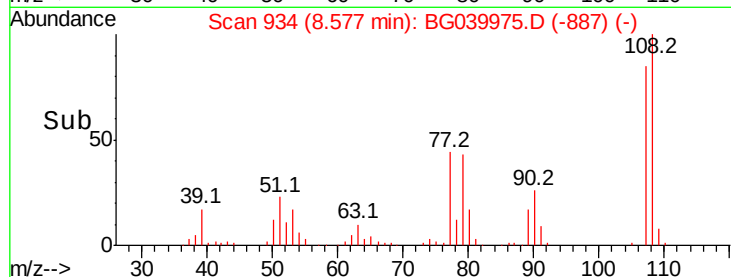
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

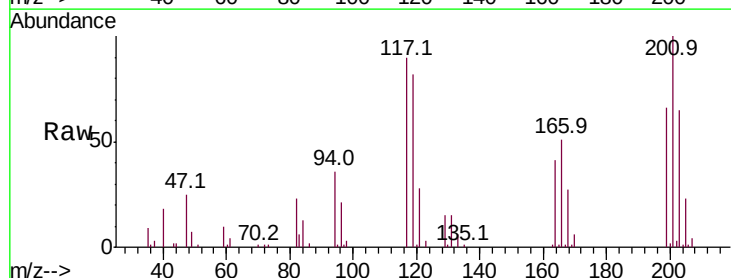
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.367 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.6	76.3	114.5	
201	110.5	91.1	136.7	

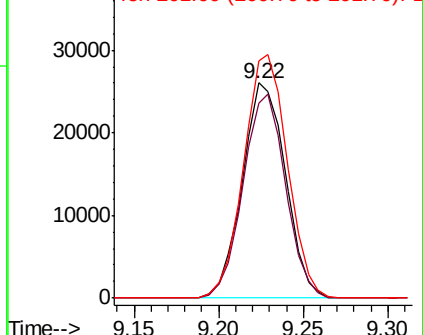
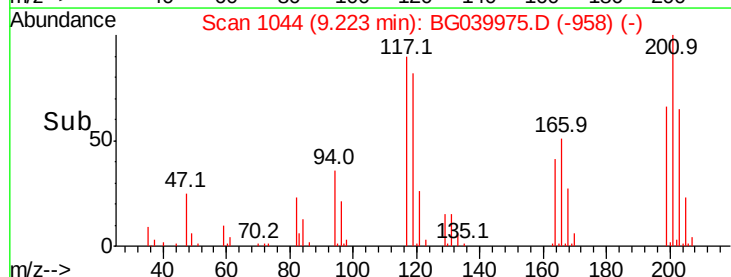


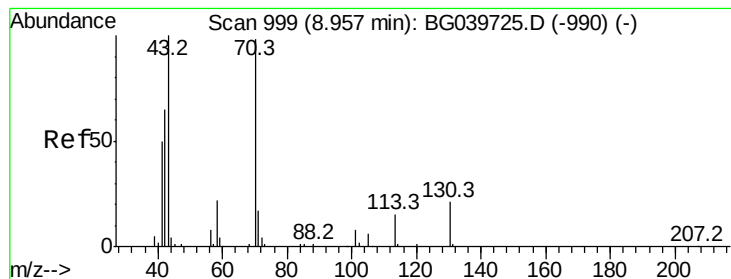
Abundance

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: 37.505 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

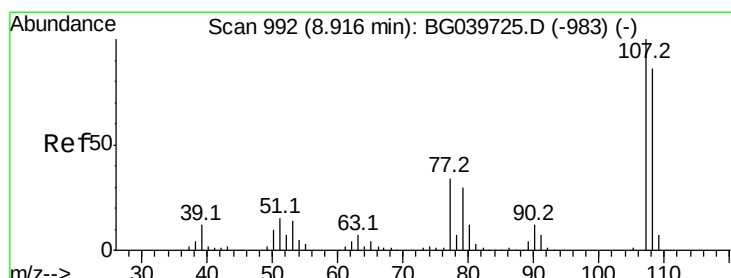
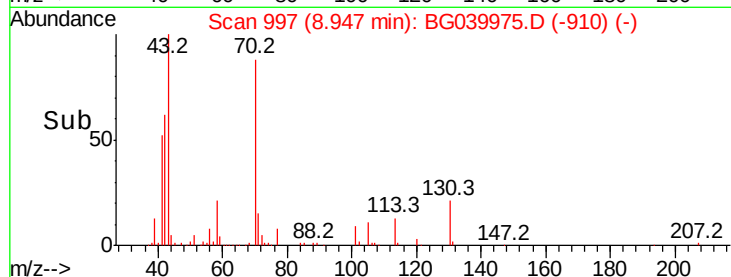
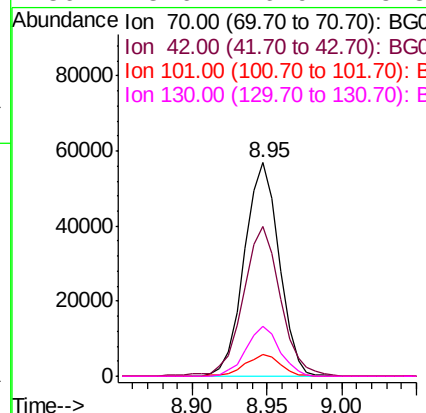
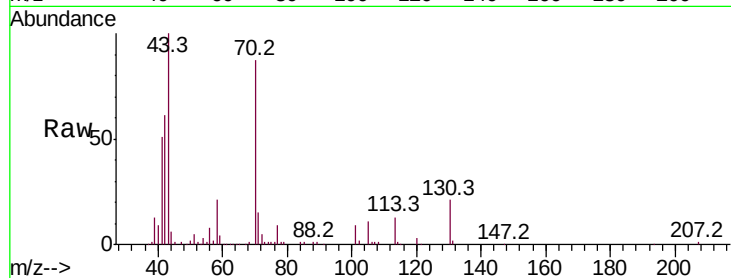
ClientSampleId :

PB117991BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.2	60.4	90.6	
101	10.4	7.5	11.3	
130	23.6	16.9	25.3	

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM



#20

3+4-Methylphenols

Concen: 42.146 ng

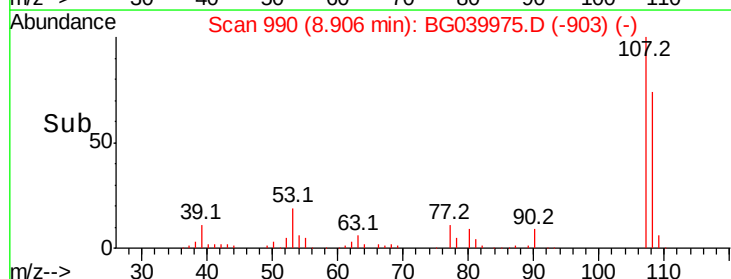
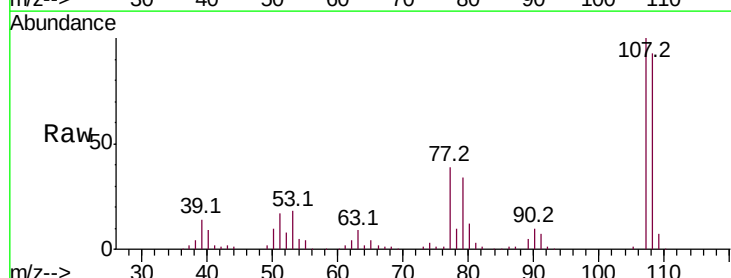
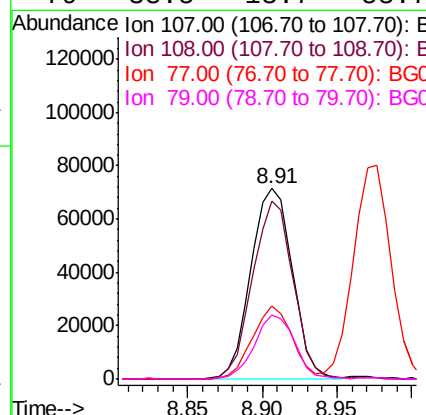
RT: 8.91 min Scan# 990

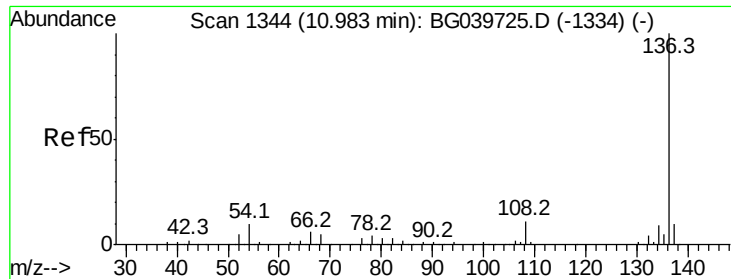
Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.2	67.9	107.9	
77	38.5	15.4	55.4	
79	33.5	13.7	53.7	





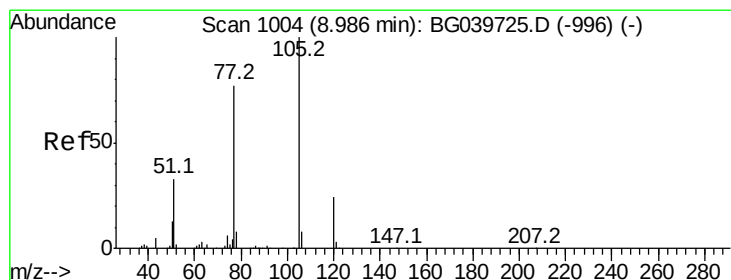
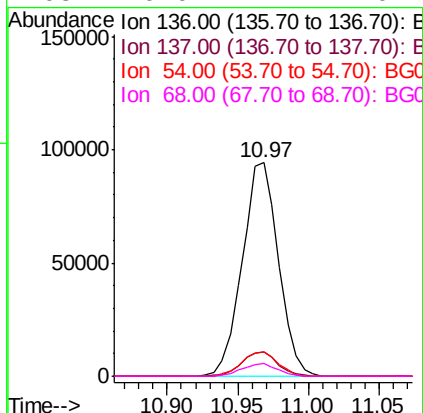
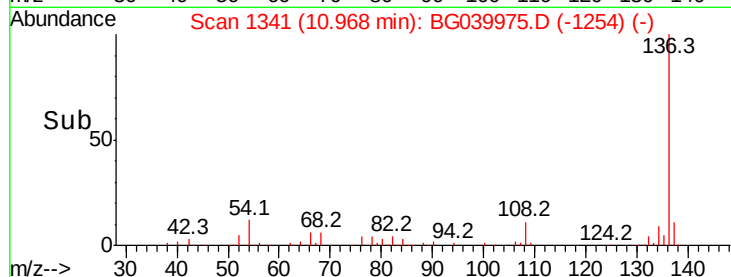
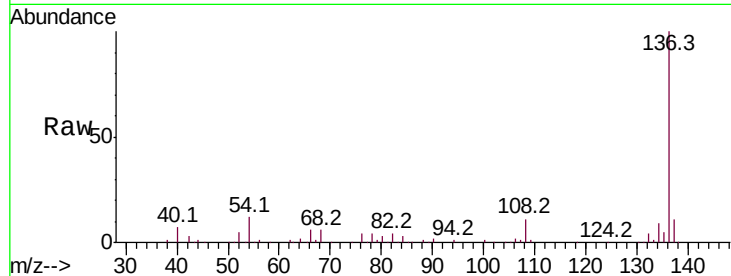
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	11.6	9.4	14.2	
68	6.0	4.2	6.4	

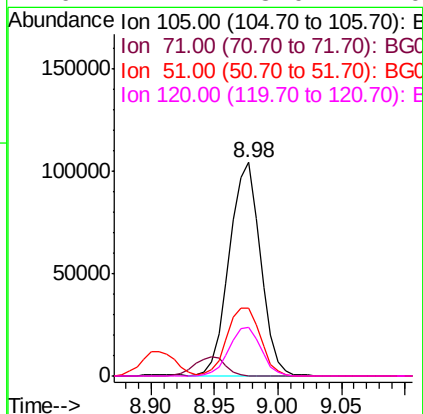
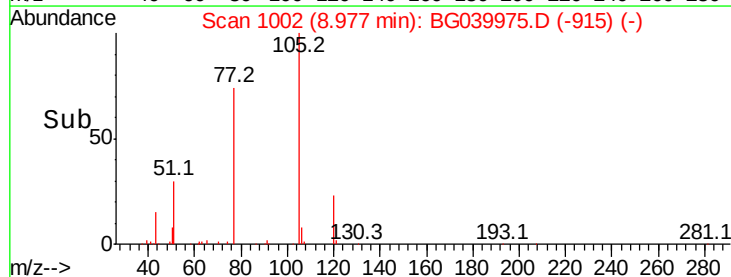
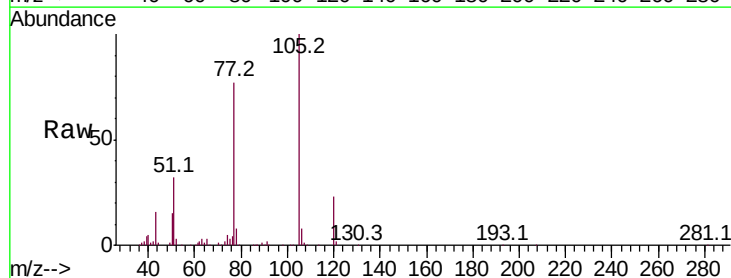
Manual Integrations
APPROVED

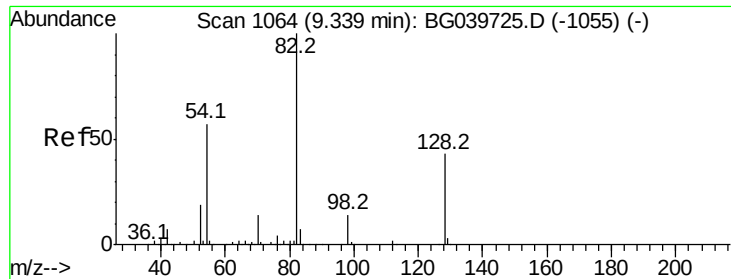
Sohil
3/20/2019 6:52:20 PM



#22
Acetophenone
Concen: 39.200 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	0.8	1.2#	
51	31.5	30.2	45.2	
120	22.7	18.0	27.0	





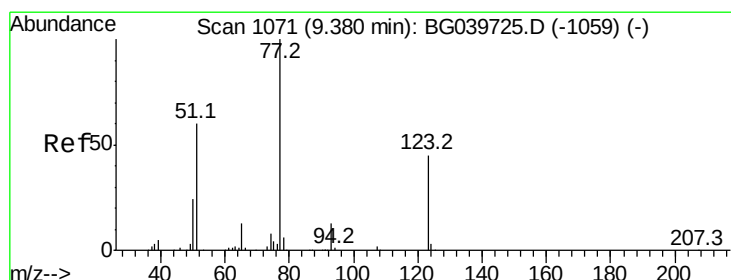
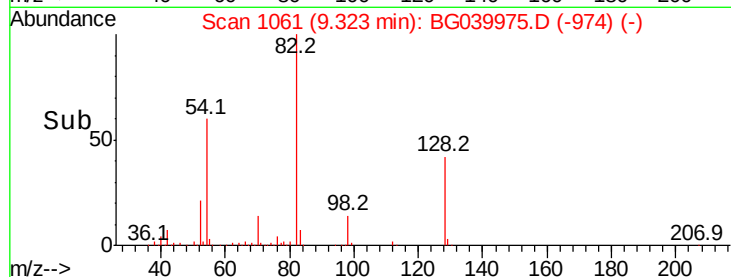
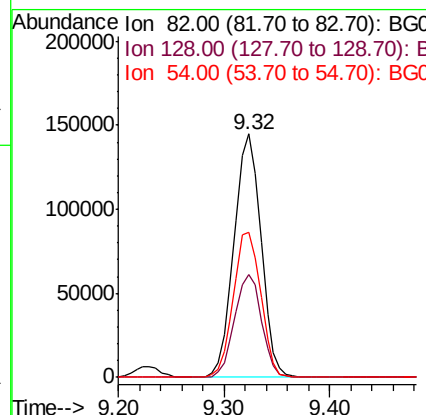
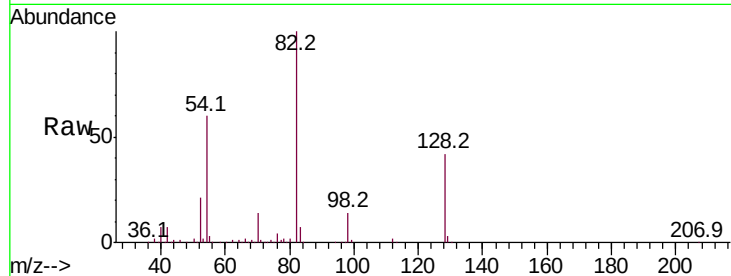
#23
Nitrobenzene-d5
Concen: 81.915 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	255637		
128	42.0	31.3	46.9	
54	59.6	50.9	76.3	

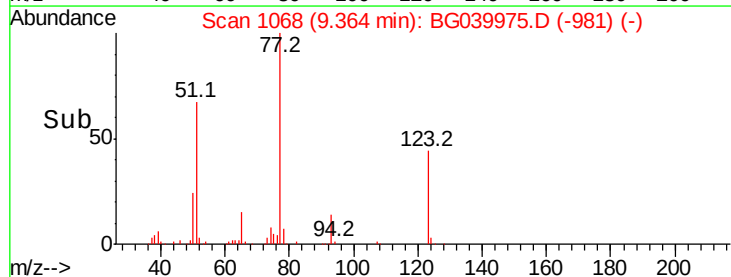
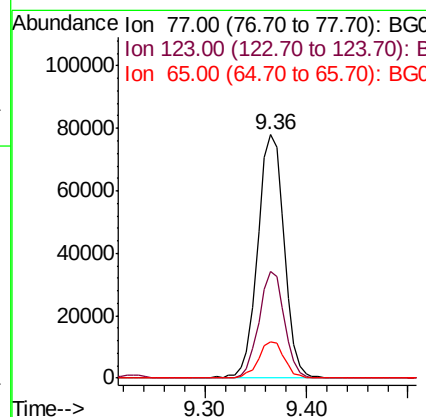
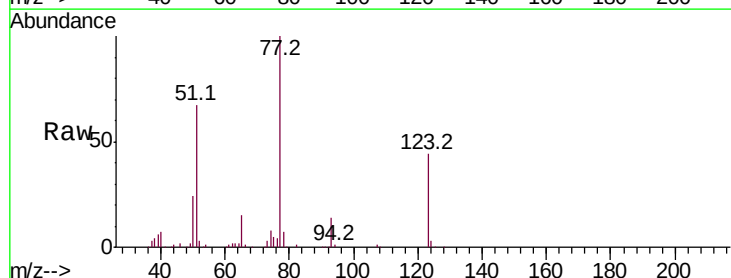
Manual Integrations
APPROVED

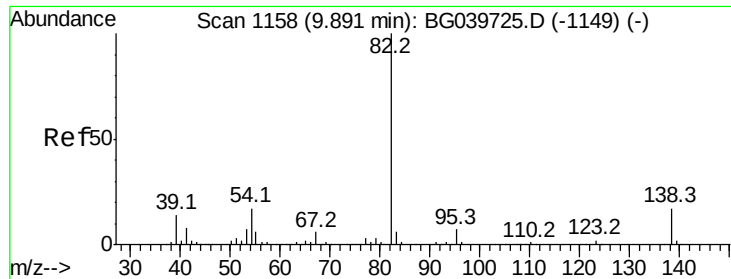
Sohil
3/20/2019 6:52:20 PM



#24
Nitrobenzene
Concen: 43.248 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	141588		
123	43.9	34.1	51.1	
65	14.8	12.3	18.5	





#25

Isophorone

Concen: 39.799 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

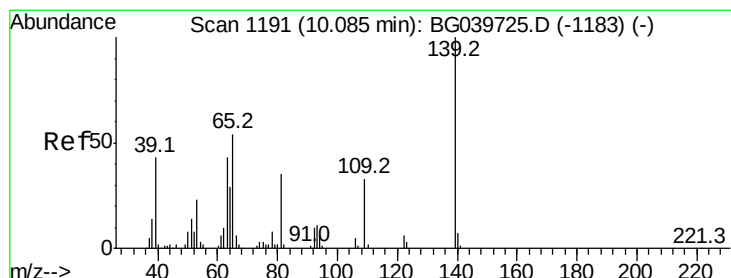
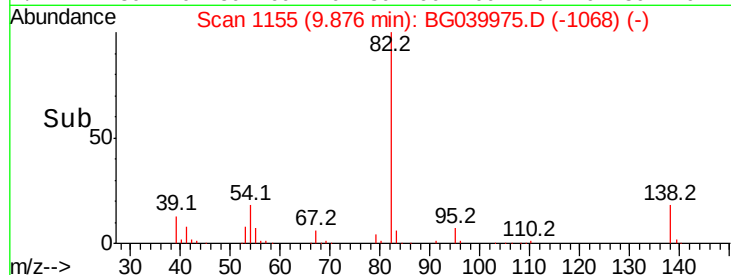
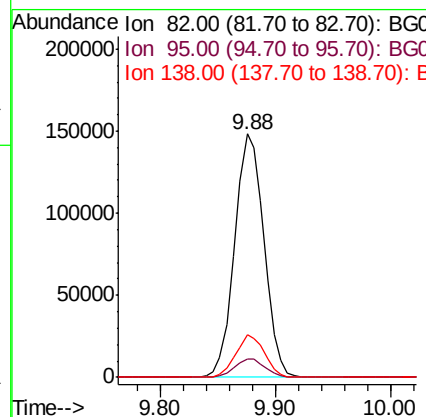
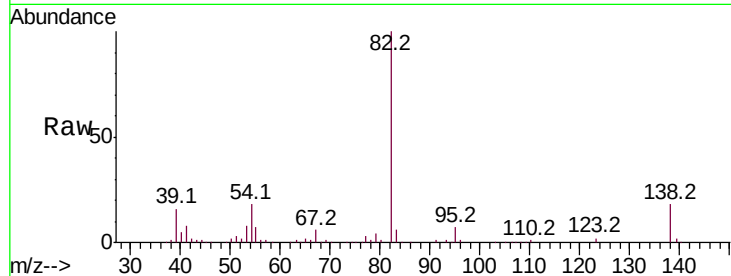
ClientSampleId :

PB117991BSD

Tot Ion:	82	Resp:	260244
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.2	9.2
138	17.6	13.0	19.4

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM



#26

2-Nitrophenol

Concen: 42.364 ng

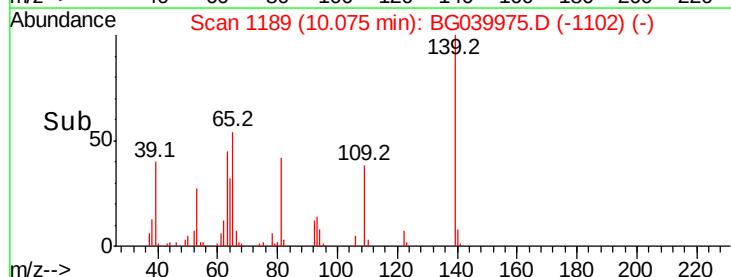
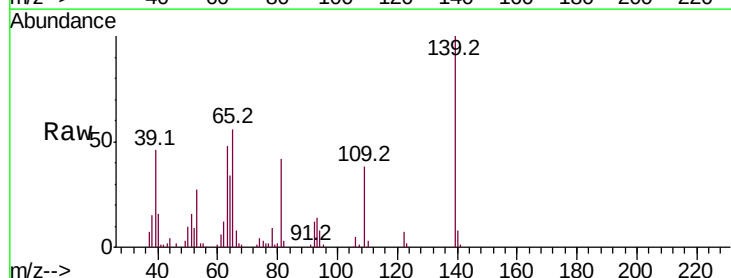
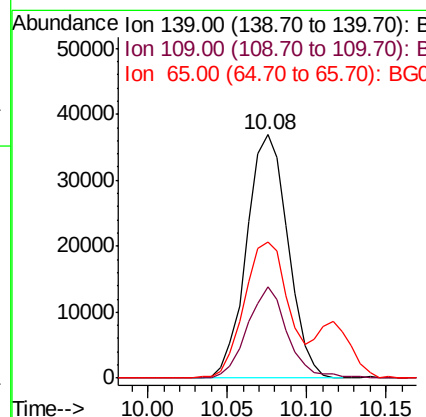
RT: 10.08 min Scan# 1189

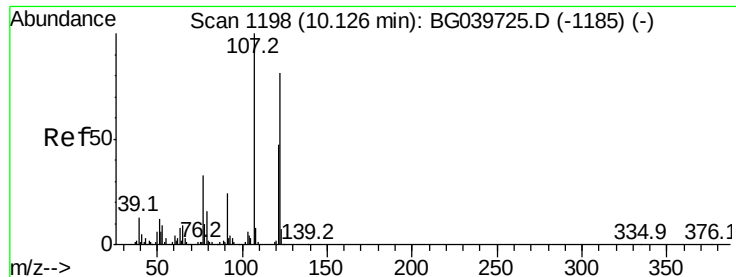
Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Tgt Ion:	139	Resp:	66965
Ion Ratio	Lower	Upper	
139	100		
109	37.6	23.4	35.0#
65	55.8	44.3	66.5





#27

2,4-Dimethylphenol

Concen: 48.897 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

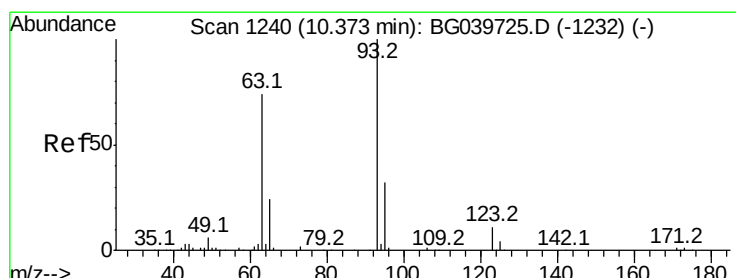
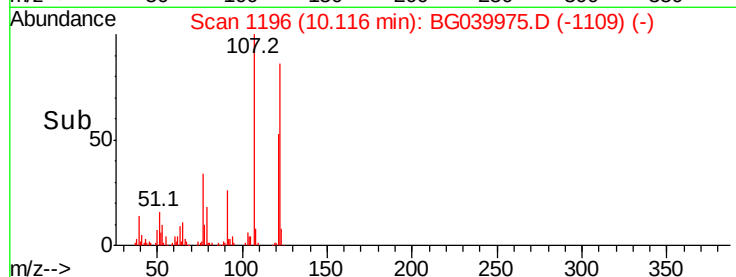
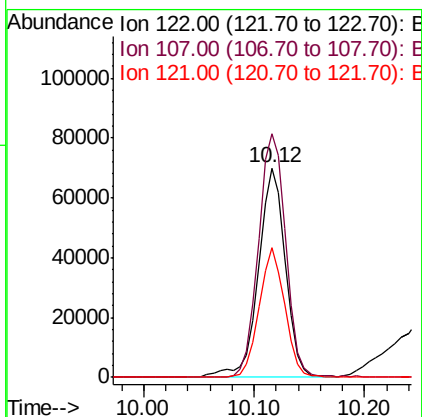
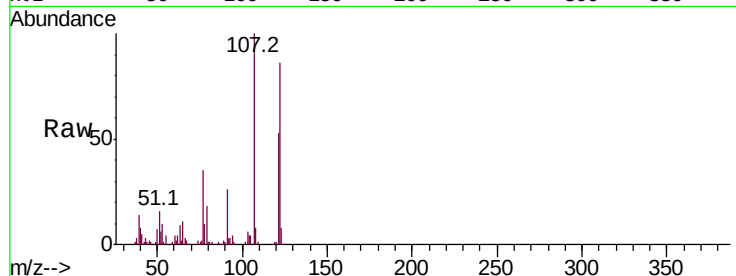
ClientSampleId :

PB117991BSD

Tot Ion:	122	Resp:	120208
Ion Ratio	Lower	Upper	
122	100		
107	116.3	91.7	137.5
121	61.8	46.4	69.6

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM



#28

bis(2-Chloroethoxy)methane

Concen: 40.320 ng

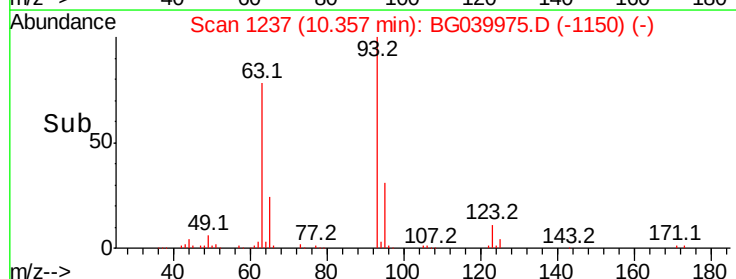
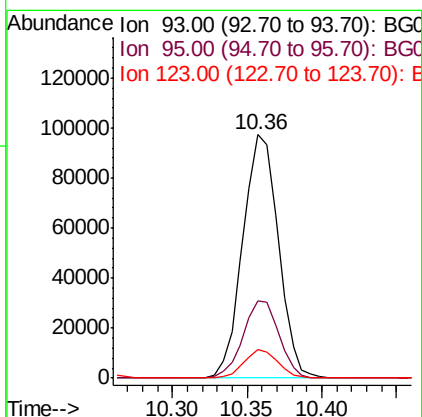
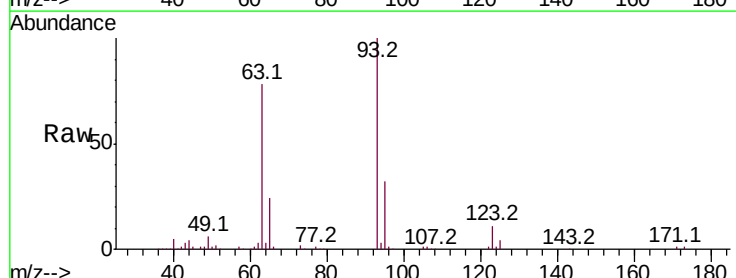
RT: 10.36 min Scan# 1237

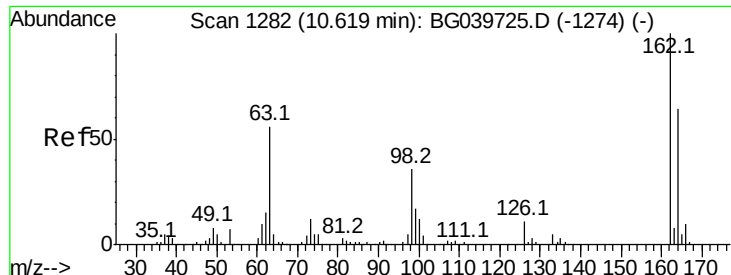
Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Tgt Ion:	93	Resp:	160222
Ion Ratio	Lower	Upper	
93	100		
95	31.6	25.0	37.4
123	11.5	8.6	12.8





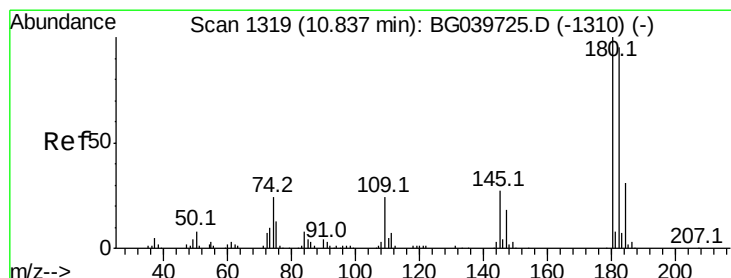
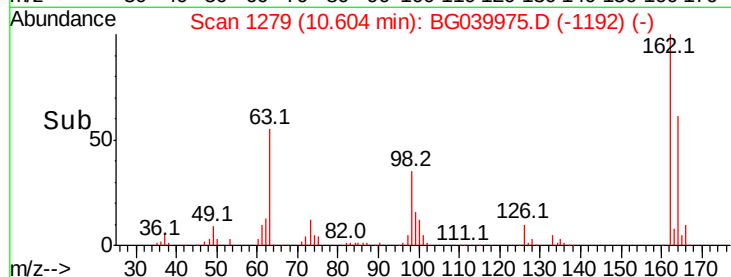
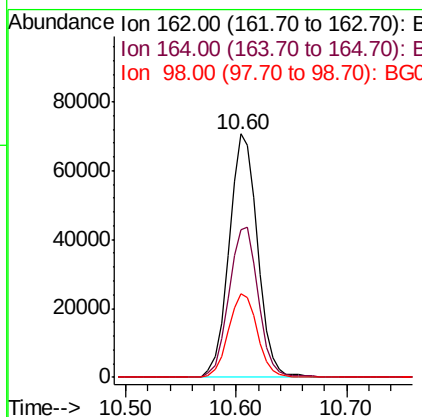
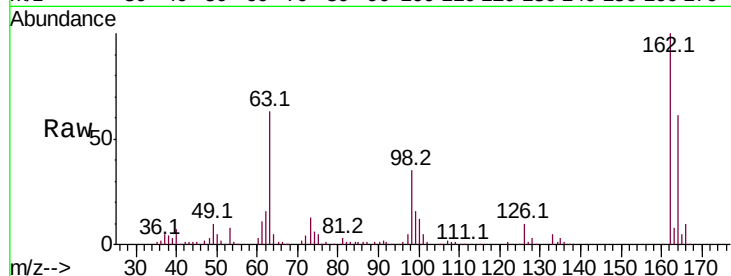
#29
 2,4-Dichlorophenol
 Concen: 46.055 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Tot Ion:	162	Resp:	127477
Ion Ratio	Lower	Upper	
162	100		
164	60.6	48.1	88.1
98	34.5	18.1	58.1

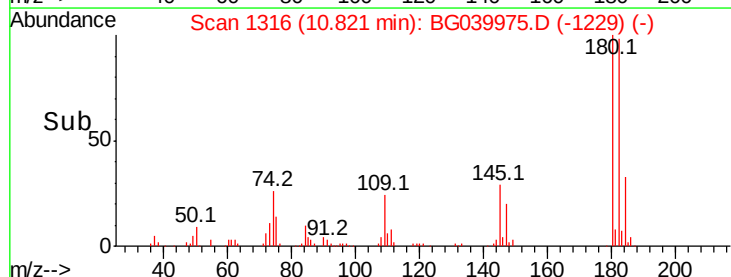
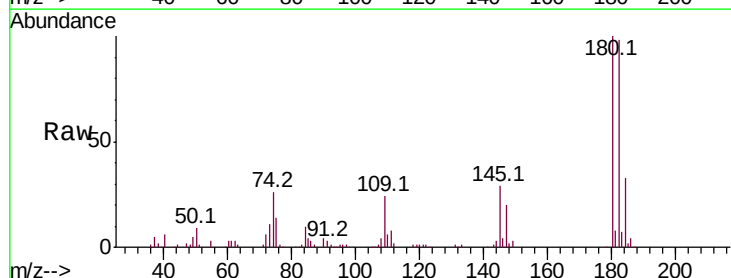
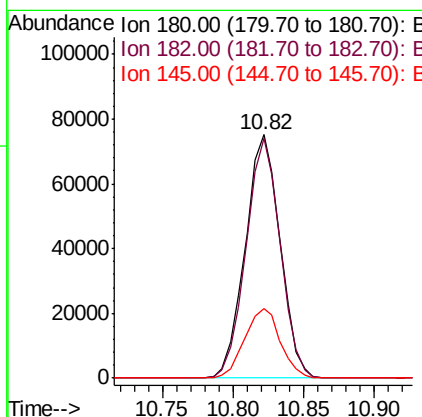
Manual Integrations
 APPROVED

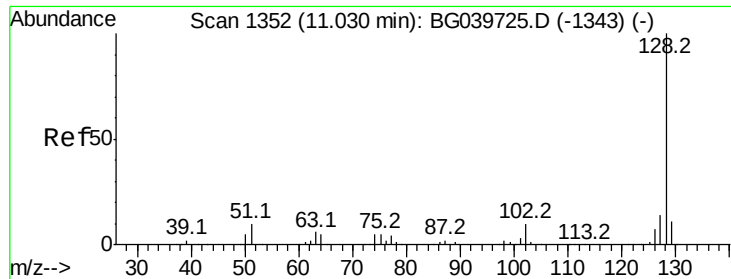
Sohil
 3/20/2019 6:52:20 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.911 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion:	180	Resp:	130537
Ion Ratio	Lower	Upper	
180	100		
182	98.4	76.0	114.0
145	28.6	22.7	34.1





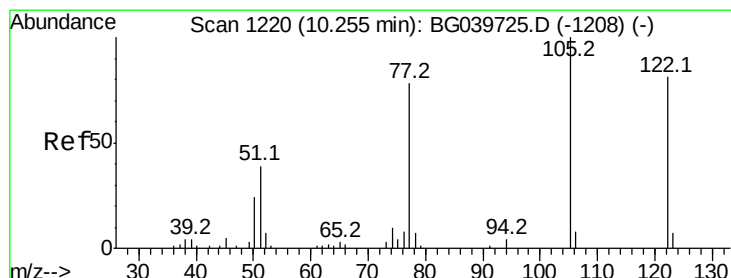
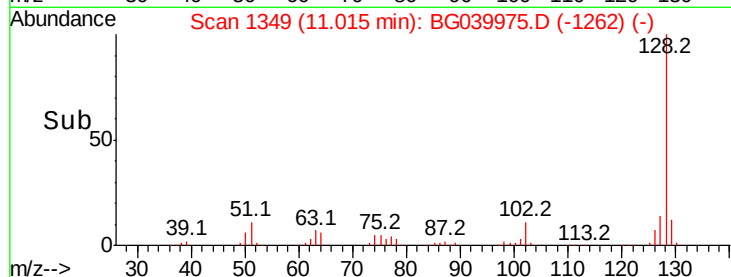
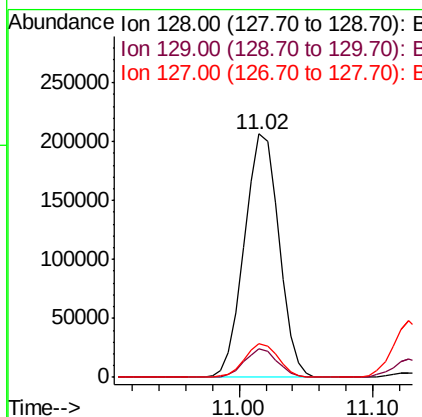
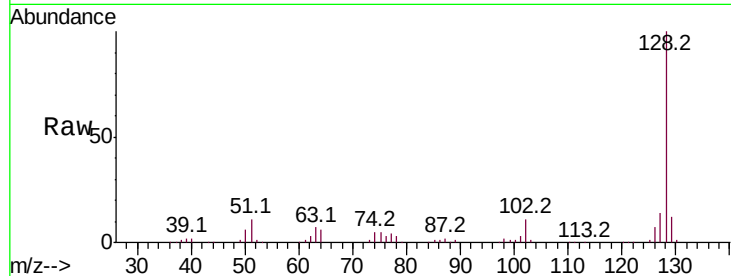
#31
Naphthalene
Concen: 41.449 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.7	13.1
127	13.8	10.8	16.2

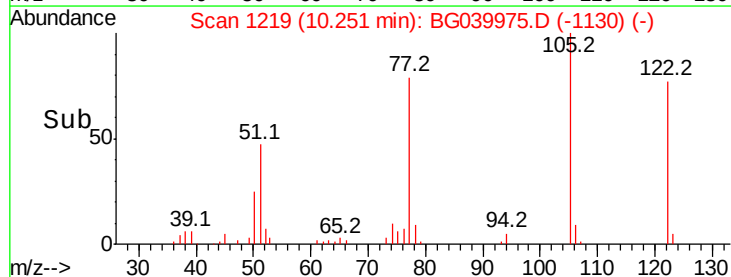
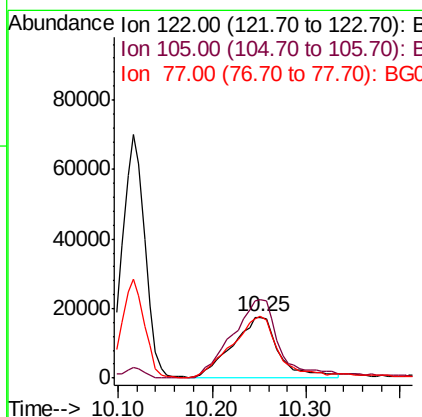
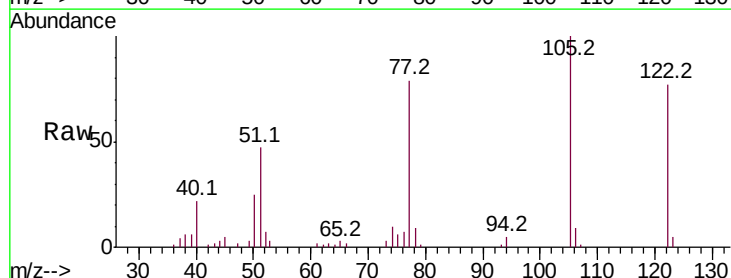
Manual Integrations
APPROVED

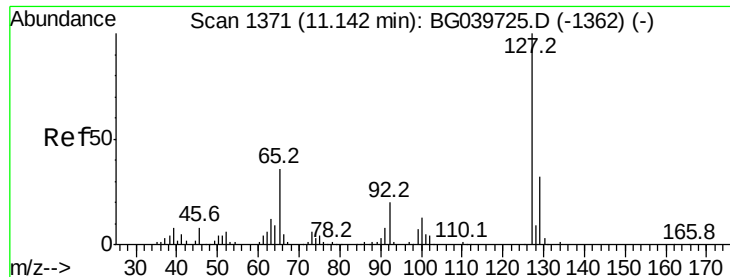
Sohil
3/20/2019 6:52:20 PM



#32
Benzoic acid
Concen: 37.726 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.5	101.8	141.8
77	101.8	76.3	116.3





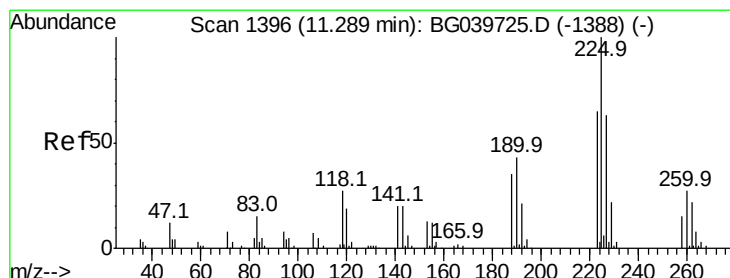
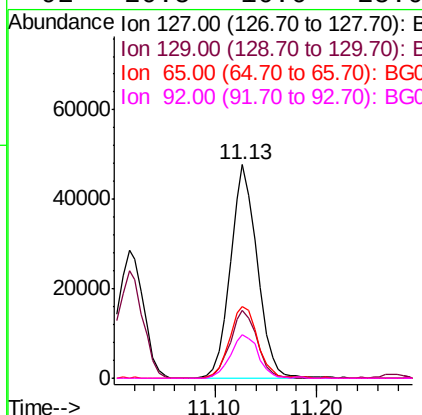
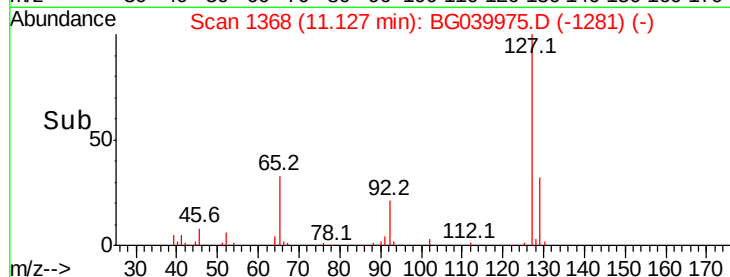
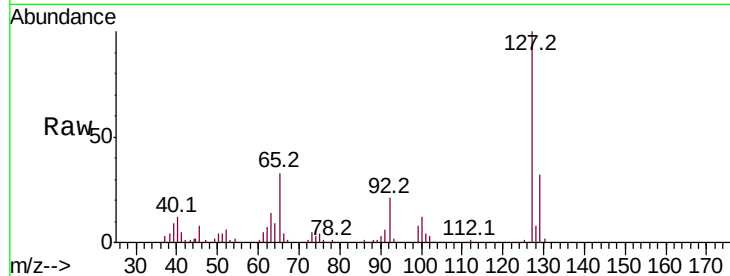
#33
4-Chloroaniline
Concen: 23.071 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	27.0	40.4	
65	33.3	28.8	43.2	
92	20.5	16.6	25.0	

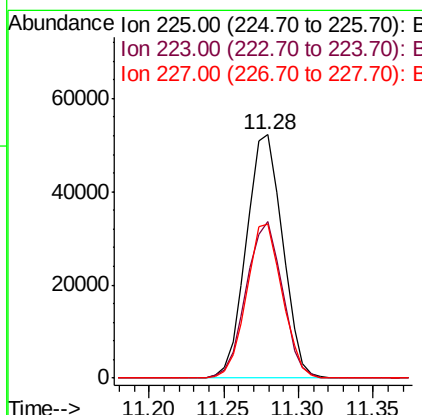
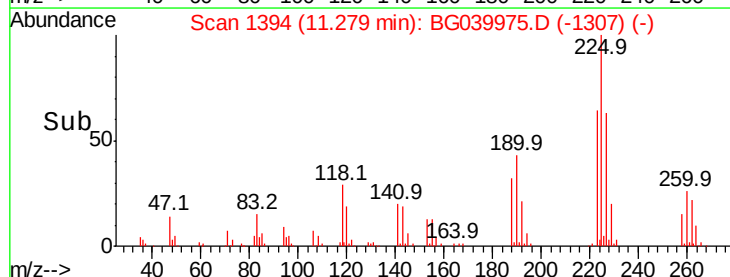
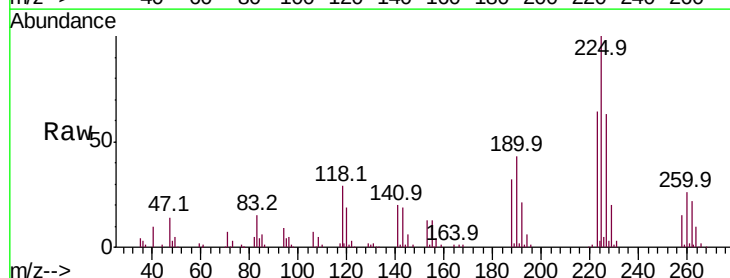
Manual Integrations
APPROVED

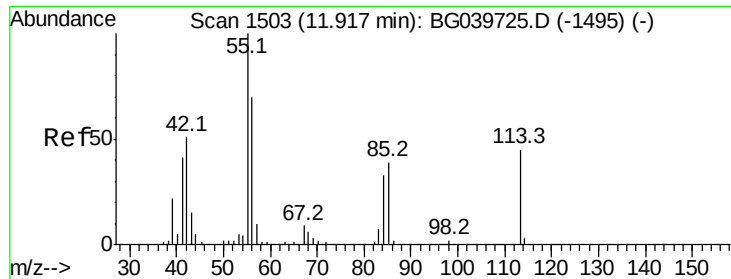
Sohil
3/20/2019 6:52:20 PM



#34
Hexachlorobutadiene
Concen: 41.286 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	49.0	73.6	
227	63.2	46.3	69.5	





#35

Caprolactam

Concen: 40.168 ng/mL

RT: 11.91 min Scan# 1501

Delta R.T. -0.03 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

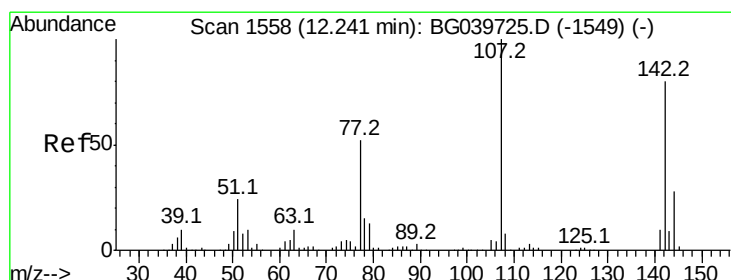
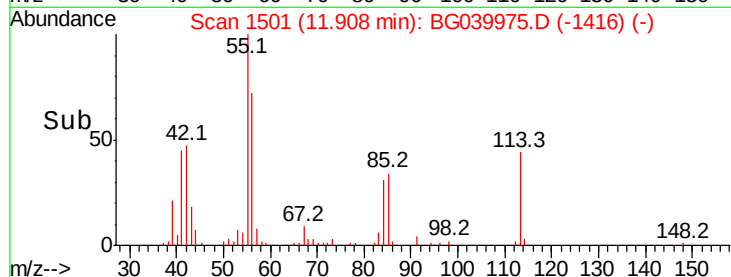
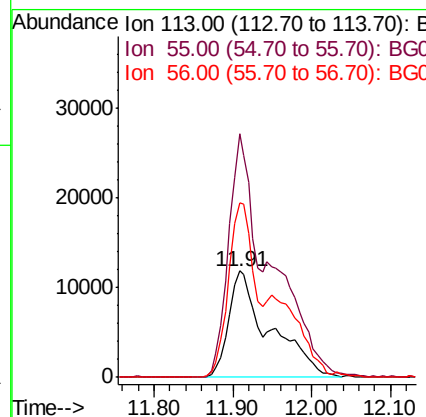
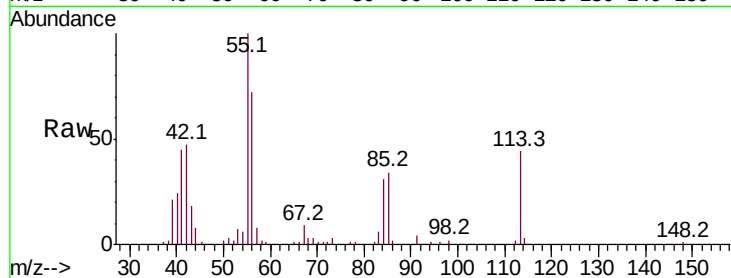
ClientSampleID :

PB117991BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	229.1	216.9	256.9
56	164.0	152.6	192.6

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM



#36

4-Chloro-3-methylphenol

Concen: 42.398 ng/mL

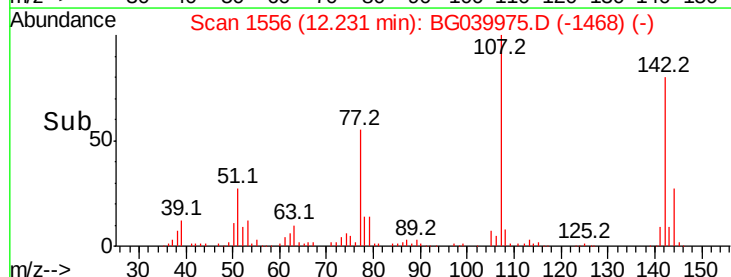
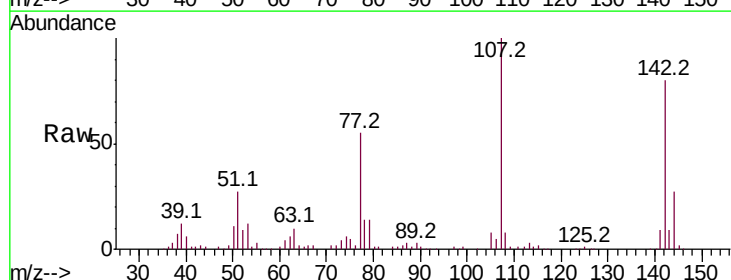
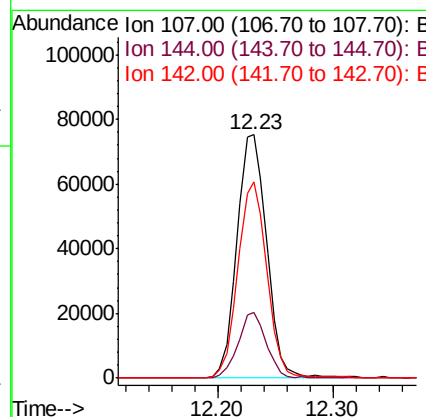
RT: 12.23 min Scan# 1556

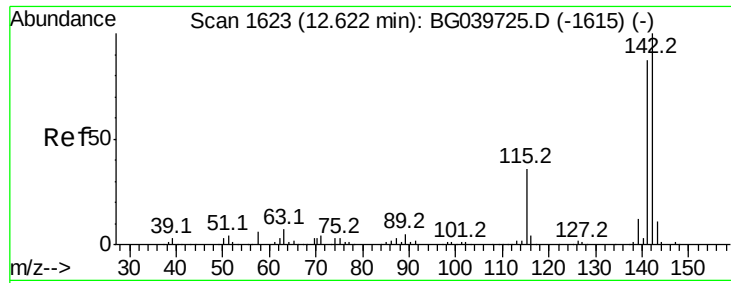
Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.2	30.2
142	80.4	61.4	92.2





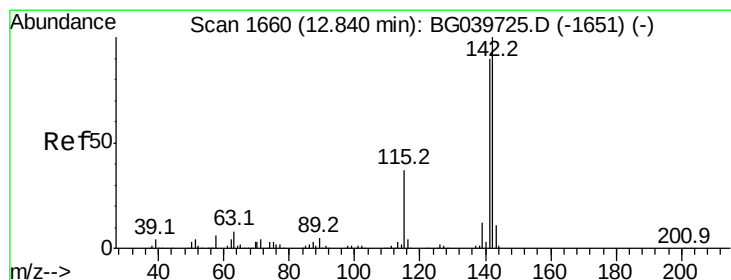
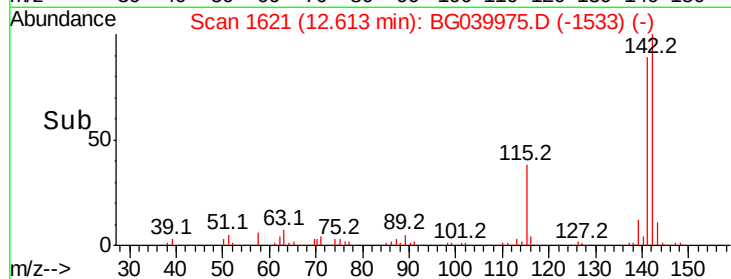
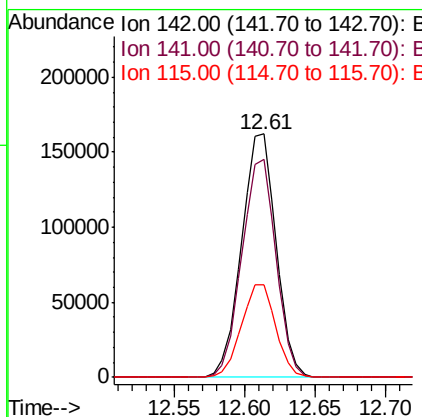
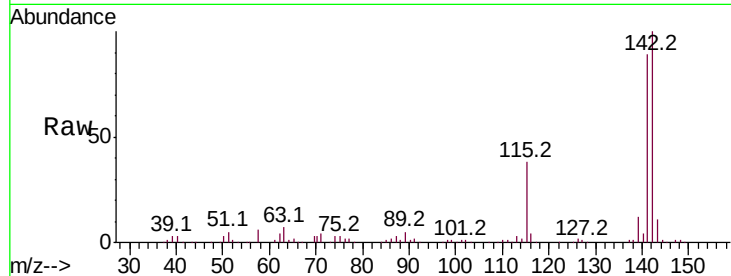
#37
2-Methylnaphthalene
Concen: 41.552 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.5	110.3
115	37.8	30.8	46.2

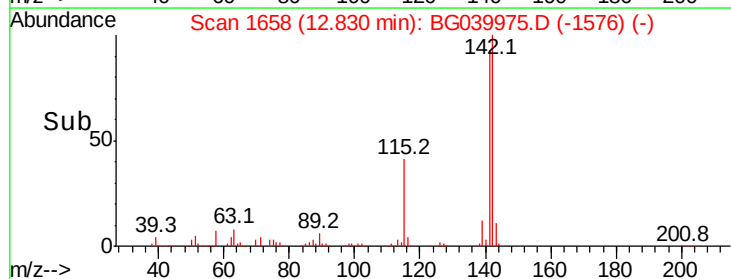
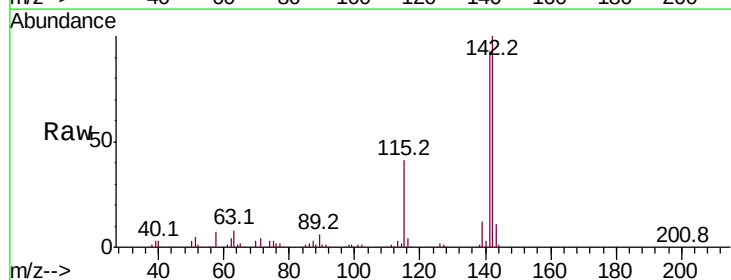
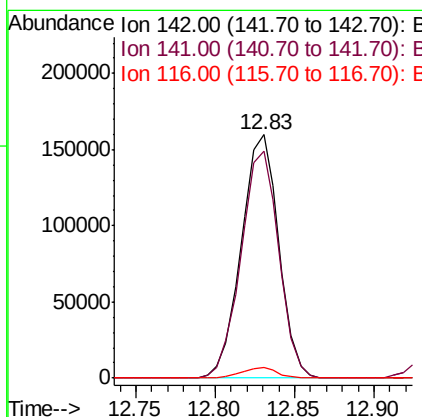
Manual Integrations
APPROVED

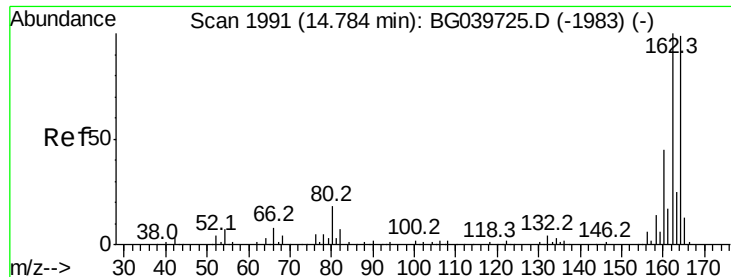
Sohil
3/20/2019 6:52:20 PM



#38
1-Methylnaphthalene
Concen: 40.293 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.4
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

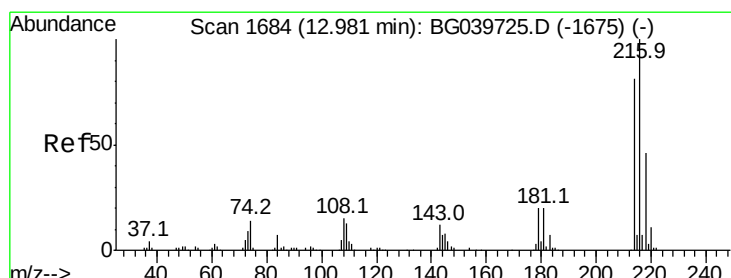
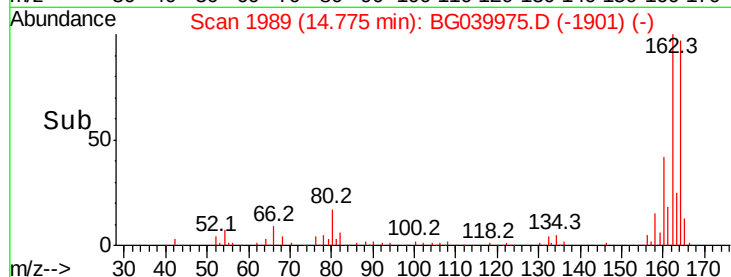
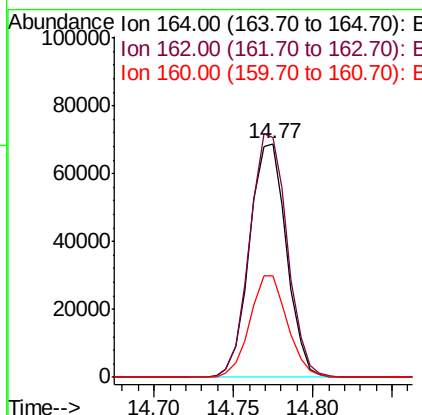
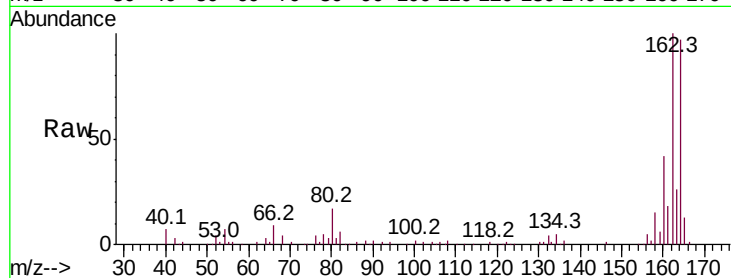
ClientSampleId :

PB117991BSD

Tot Ion:	164	Resp:	111864
Ion Ratio	Lower	Upper	
164	100		
162	102.8	81.6	122.4
160	43.3	34.2	51.2

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.092 ng

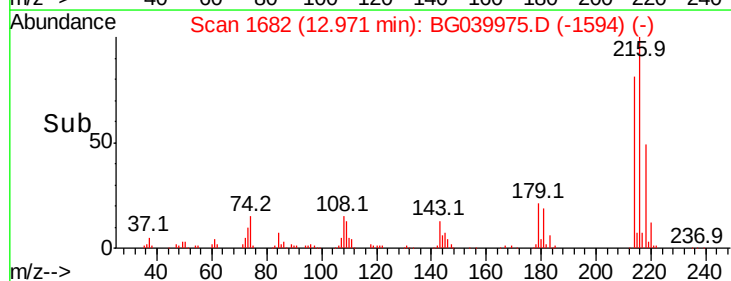
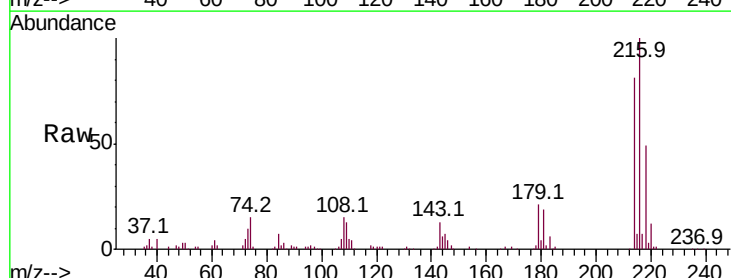
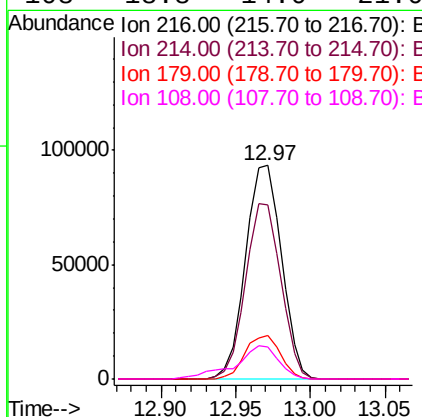
RT: 12.97 min Scan# 1682

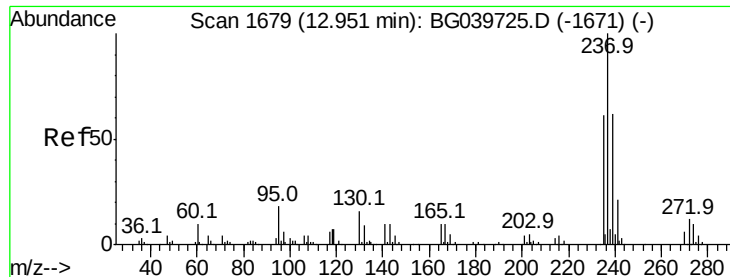
Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Tgt Ion:	216	Resp:	155724
Ion Ratio	Lower	Upper	
216	100		
214	80.4	62.6	94.0
179	20.1	16.6	25.0
108	18.8	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 94.615 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

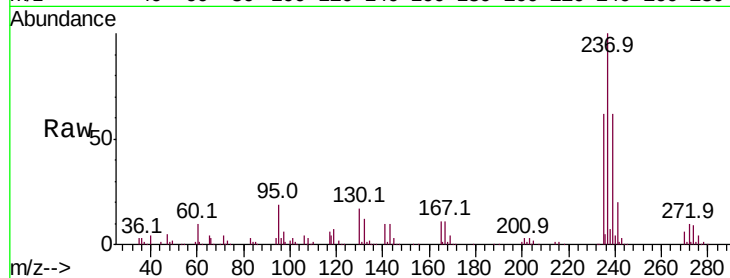
ClientSampleId :

PB117991BSD

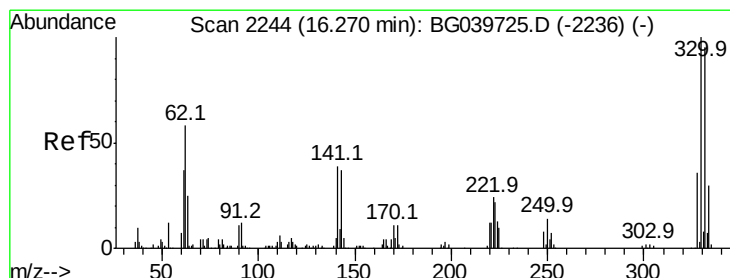
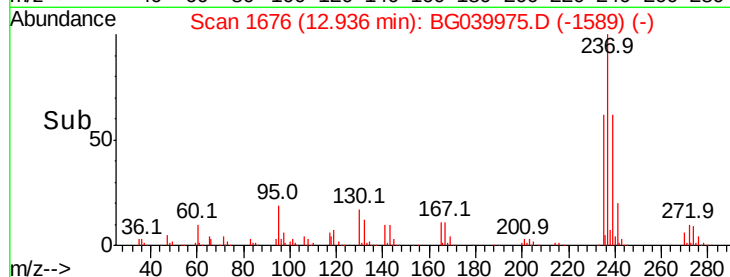
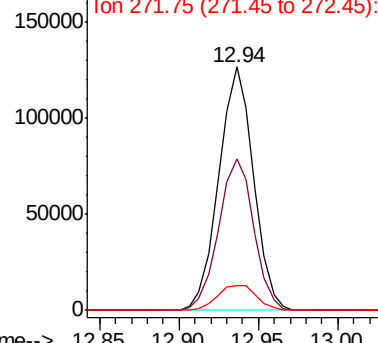
Tot Ion:	237	Resp:	192153
Ion Ratio	Lower	Upper	
237	100		
235	62.1	43.3	83.3
272	10.3	0.0	32.3

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 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: 132.569 ng

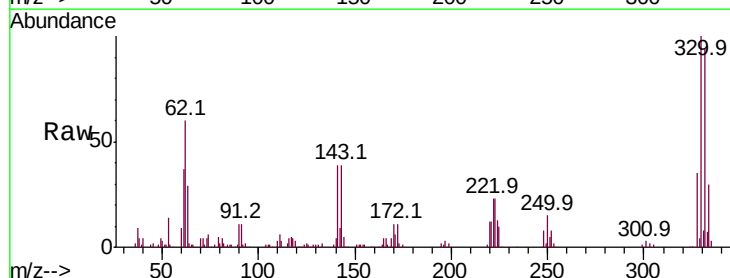
RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

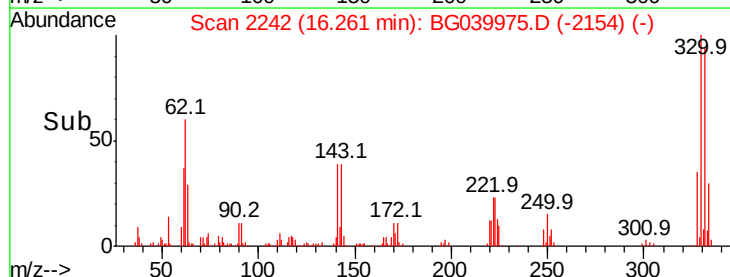
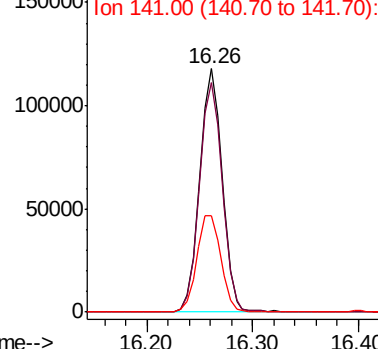
Lab File: BG039975.D

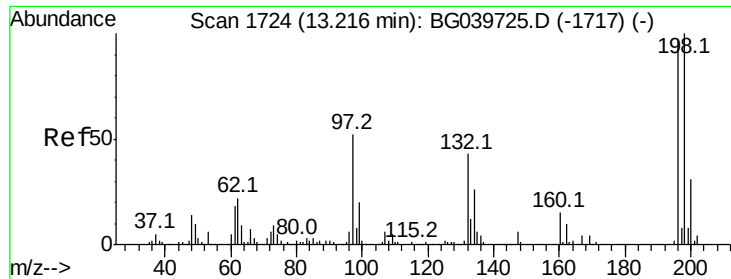
Acq: 18 Mar 2019 18:37

Tgt Ion:	330	Resp:	172851
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.7	113.5
141	42.4	35.6	53.4



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





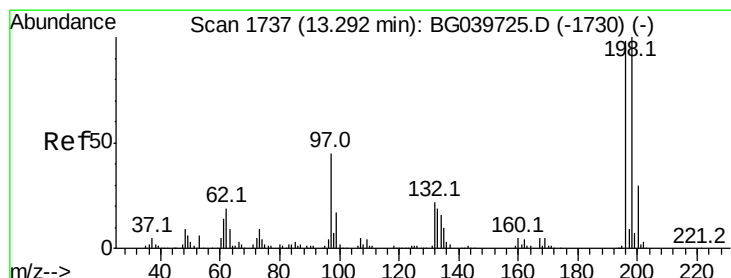
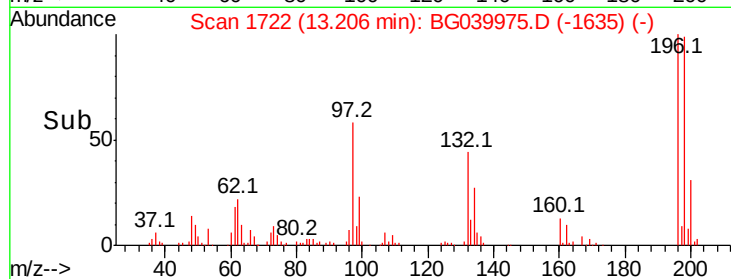
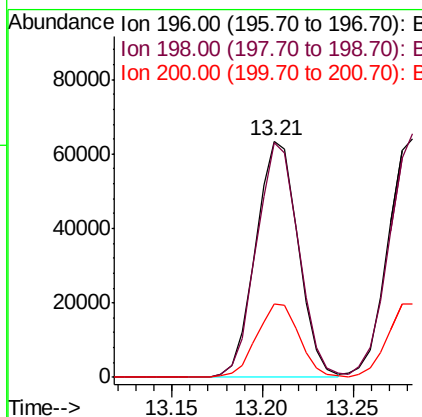
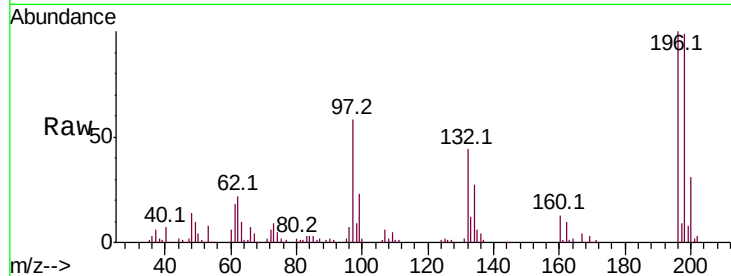
#43
 2,4,6-Trichlorophenol
 Concen: 46.607 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Instrument :
 BNA_G
 ClientSampled :
 PB117991BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	103405		
198	99.3	80.6	121.0	
200	30.8	26.1	39.1	

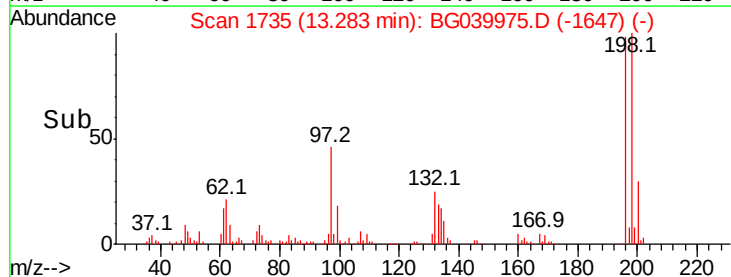
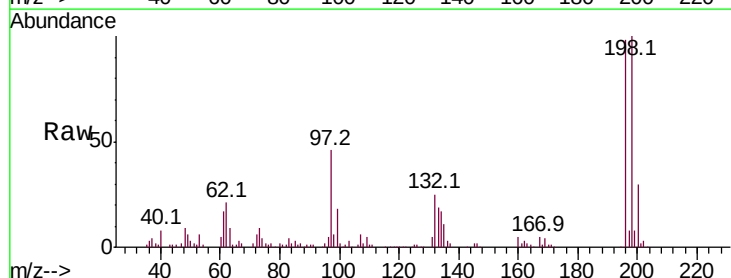
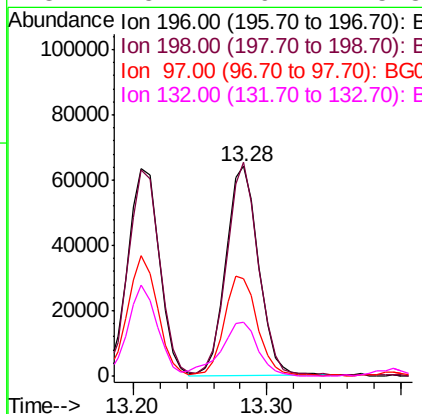
Manual Integrations
 APPROVED

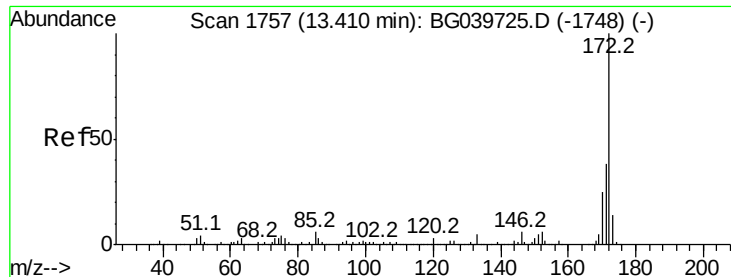
Sohil
 3/20/2019 6:52:20 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.823 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109596		
198	101.8	78.5	117.7	
97	46.4	38.4	57.6	
132	25.4	19.2	28.8	





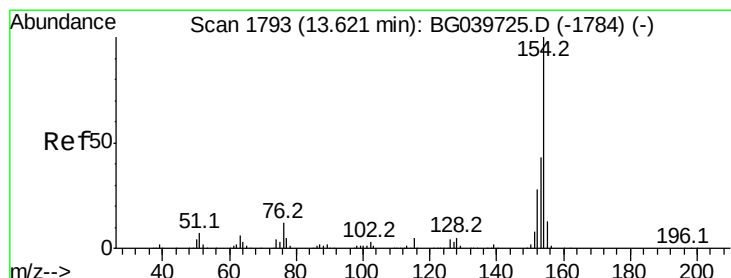
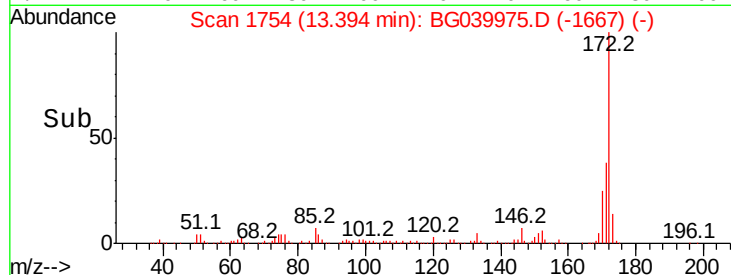
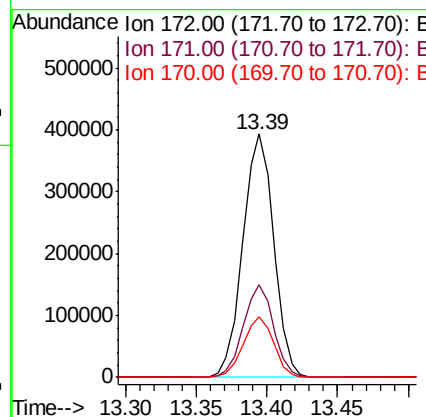
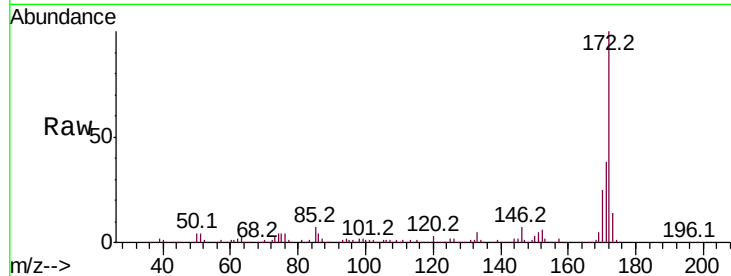
#45
2-Fluorobiphenyl
Concen: 76.531 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	601274		
171	38.1		30.8	46.2
170	25.0		20.2	30.4

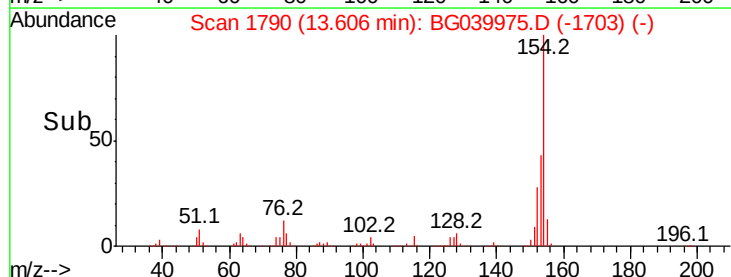
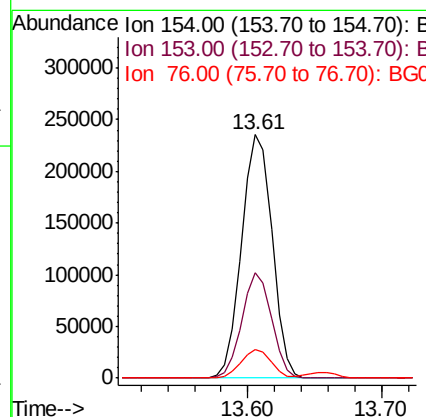
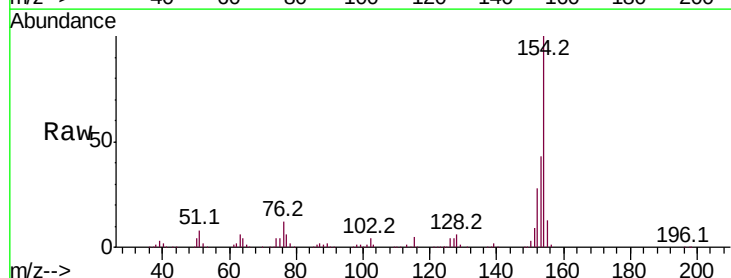
Manual Integrations
APPROVED

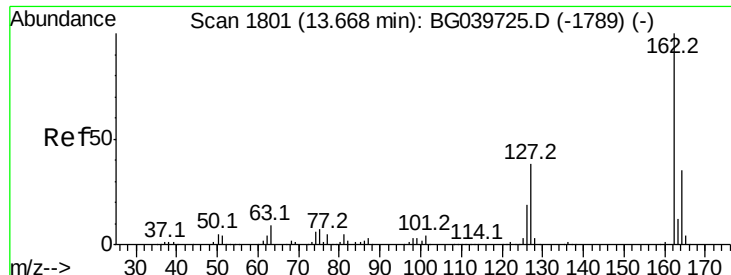
Sohil
3/20/2019 6:52:20 PM



#46
1,1'-Biphenyl
Concen: 40.401 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	371719		
153	43.2		22.1	62.1
76	11.7		0.0	32.4





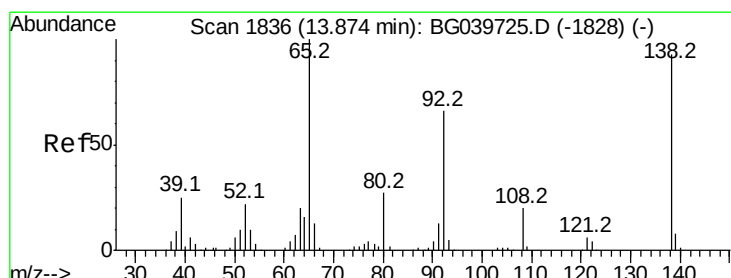
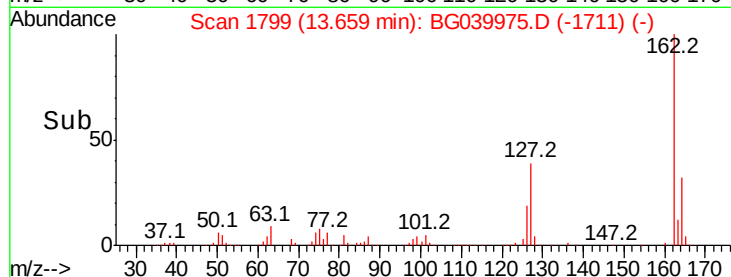
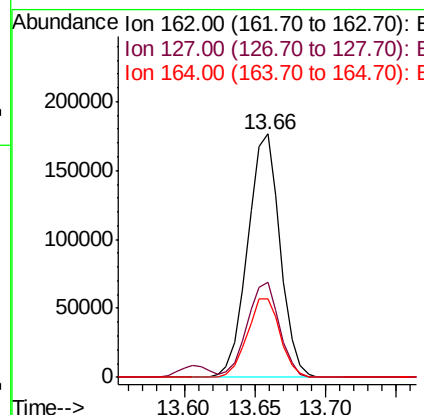
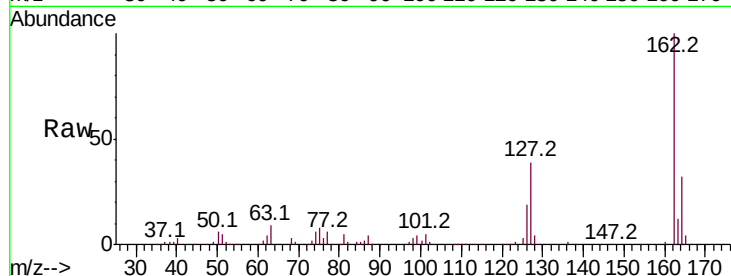
#47
 2-Chloronaphthalene
 Concen: 40.917 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.0	31.0	46.6
164	32.5	25.7	38.5

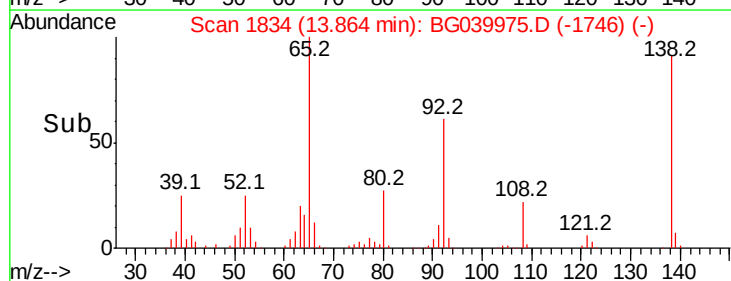
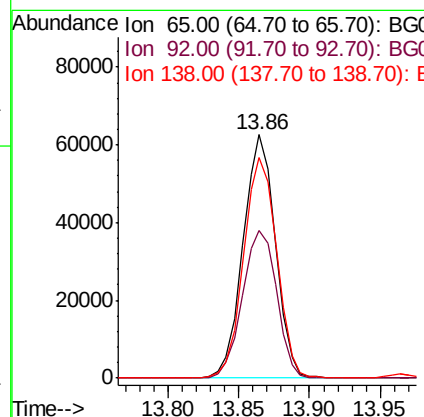
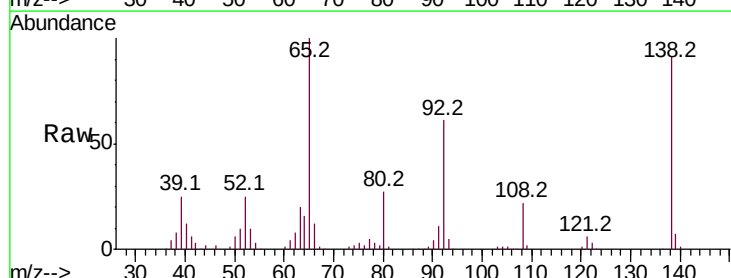
Manual Integrations
 APPROVED

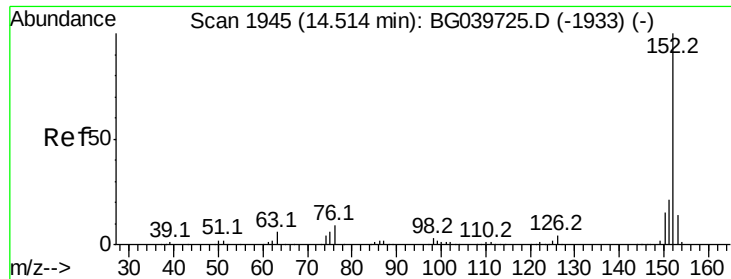
Sohil
 3/20/2019 6:52:20 PM



#48
 2-Nitroaniline
 Concen: 45.070 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	60.9	51.4	77.2
138	90.6	71.4	107.2





#49

Acenaphthylene

Concen: 40.115 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

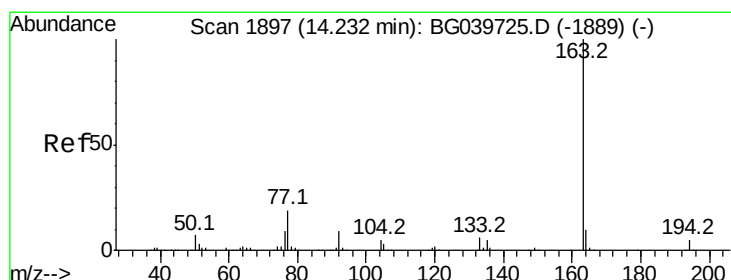
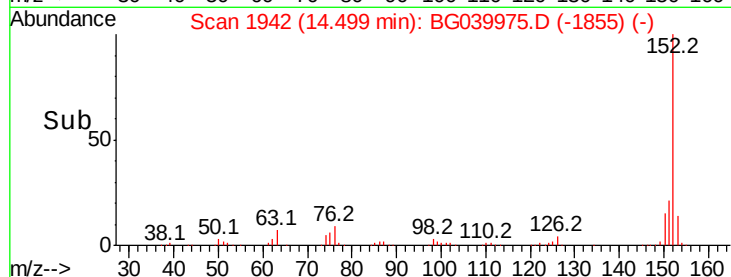
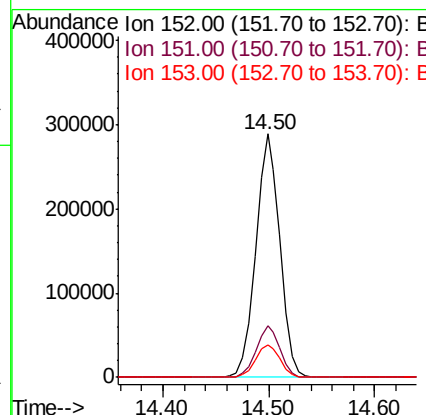
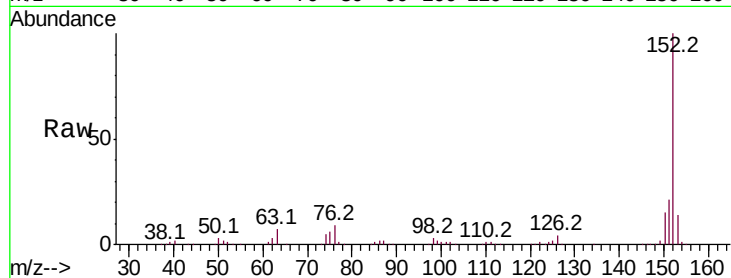
ClientSampleId :

PB117991BSD

Tot Ion:	152	Resp:	455809
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	13.5	11.7	17.5

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM



#50

Dimethylphthalate

Concen: 40.204 ng

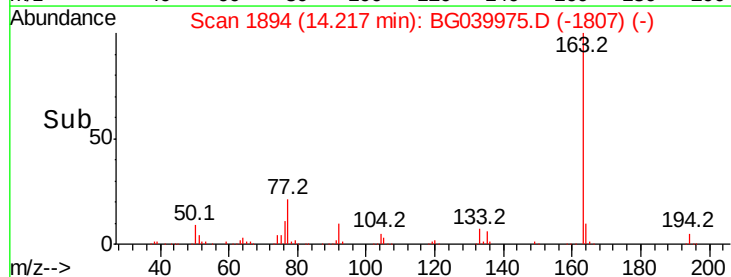
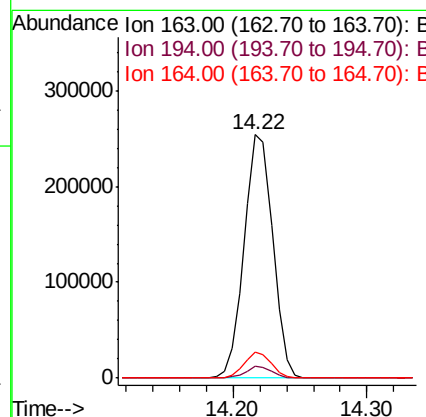
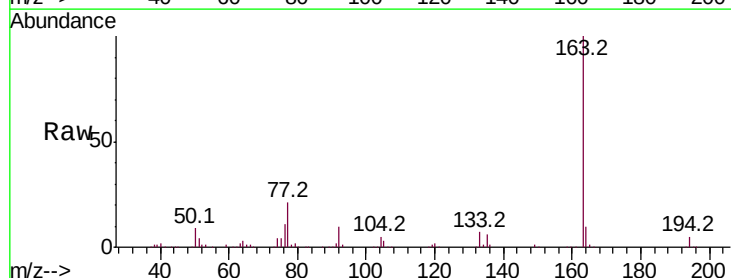
RT: 14.22 min Scan# 1894

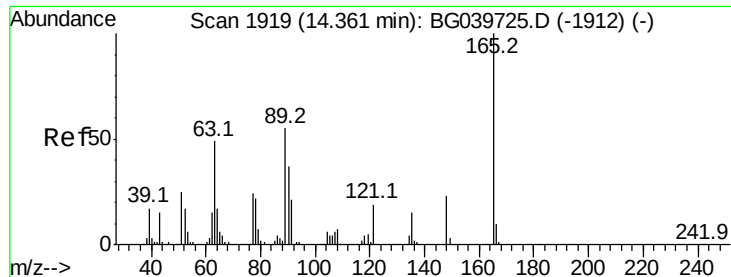
Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Tgt Ion:	163	Resp:	376071
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.6	5.4
164	10.4	8.4	12.6





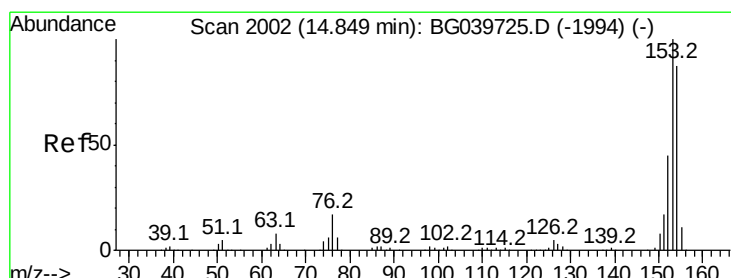
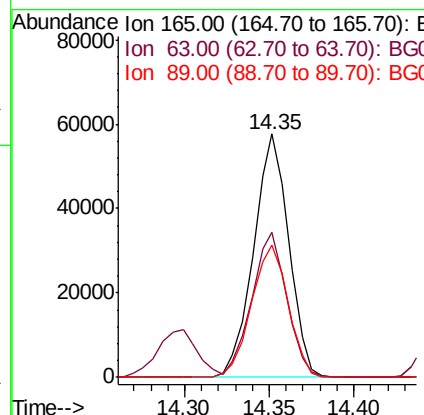
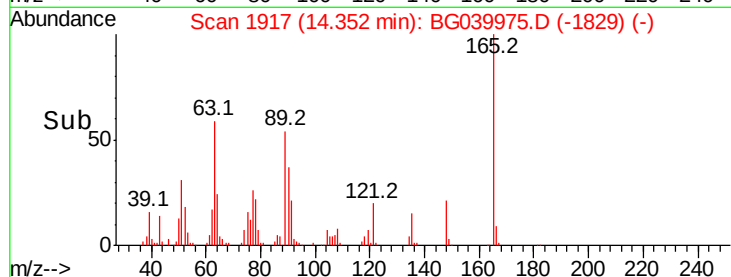
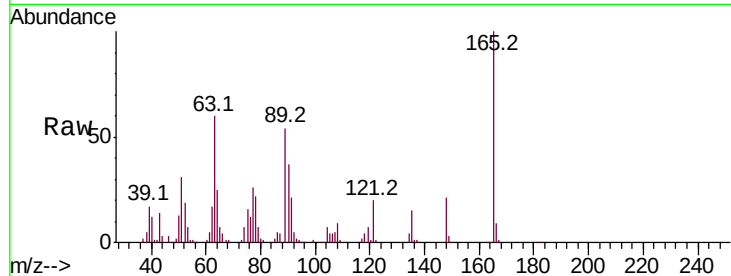
#51
2,6-Dinitrotoluene
Concen: 41.976 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.6	47.0	70.6	
89	54.5	45.8	68.8	

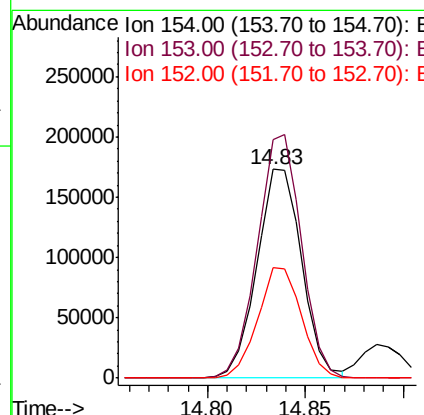
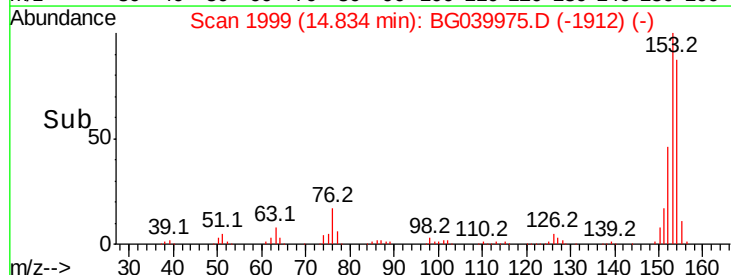
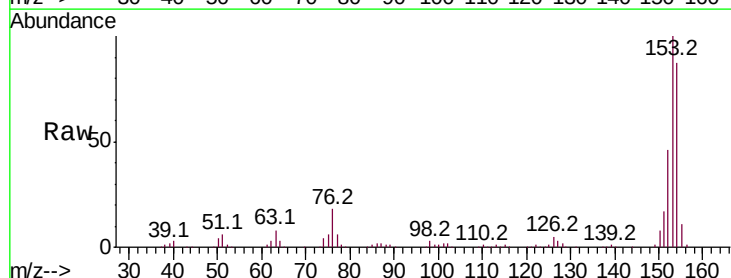
Manual Integrations
APPROVED

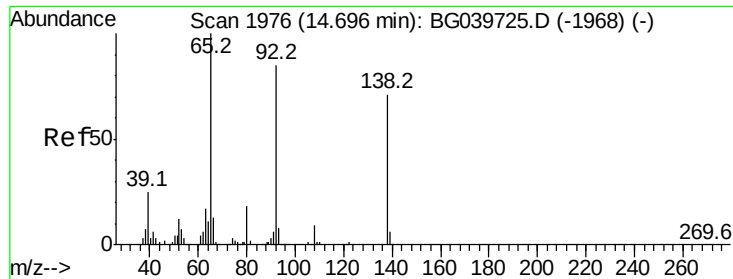
Sohil
3/20/2019 6:52:20 PM



#52
Acenaphthene
Concen: 40.265 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.7	90.1	135.1	
152	53.3	40.9	61.3	





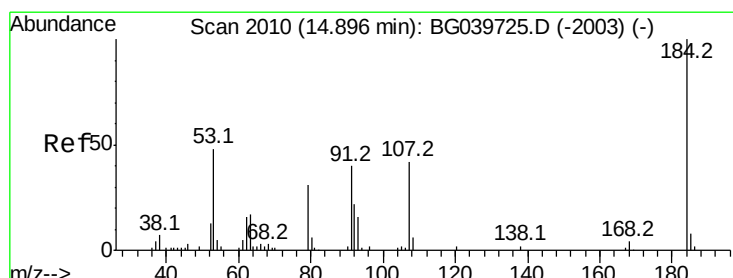
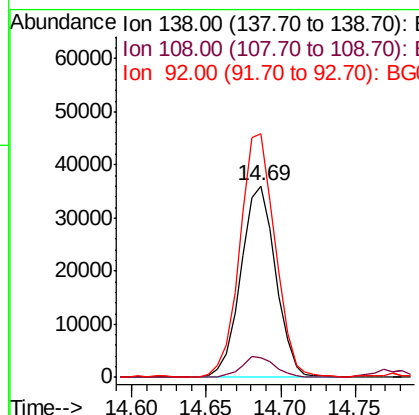
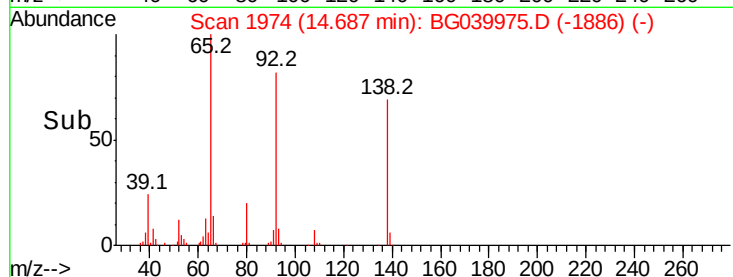
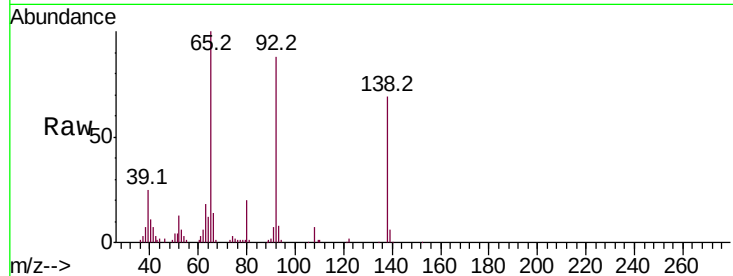
#53
3-Nitroaniline
Concen: 29.117 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion:138 Resp: 58039
Ion Ratio Lower Upper
138 100
108 10.1 13.8 20.8#
92 127.1 103.7 155.5

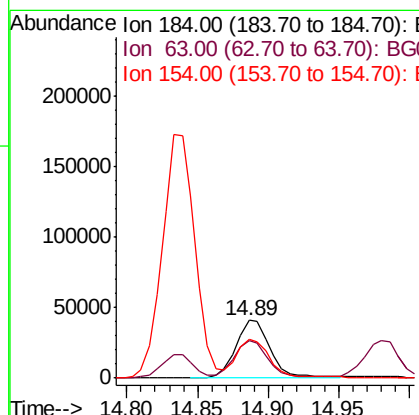
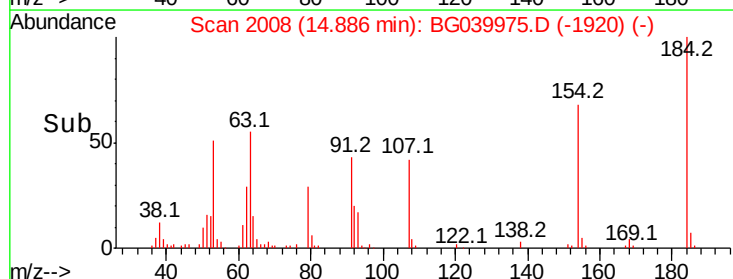
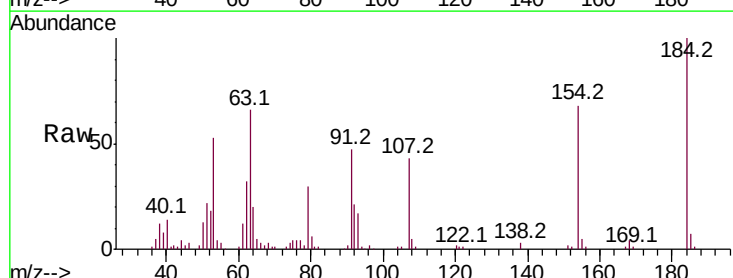
Manual Integrations
APPROVED

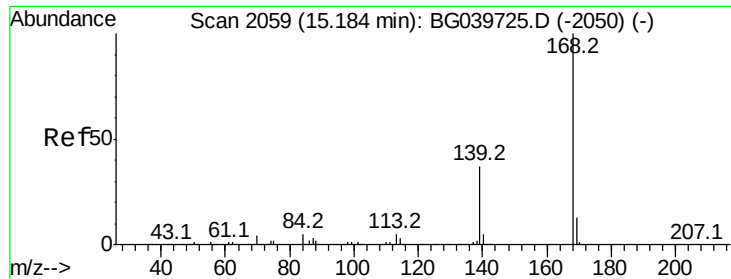
Sohil
3/20/2019 6:52:20 PM



#54
2,4-Dinitrophenol
Concen: 57.949 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion:184 Resp: 70529
Ion Ratio Lower Upper
184 100
63 65.6 50.9 76.3
154 67.6 53.0 79.6





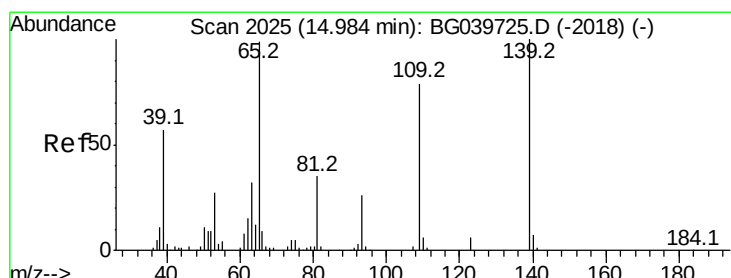
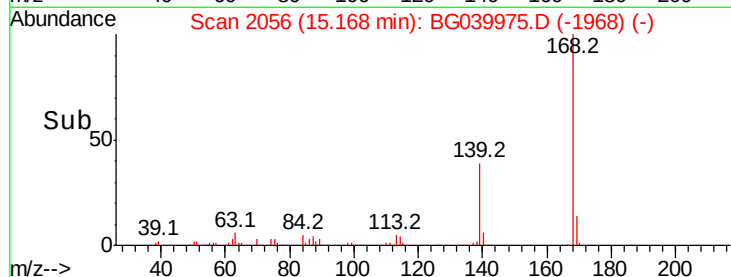
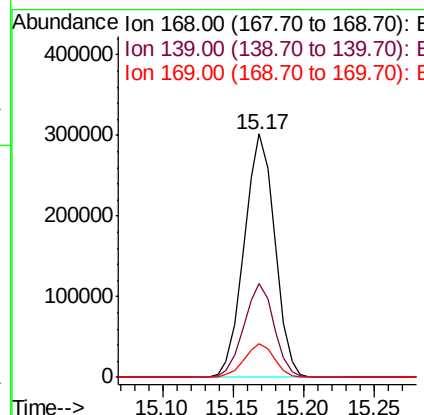
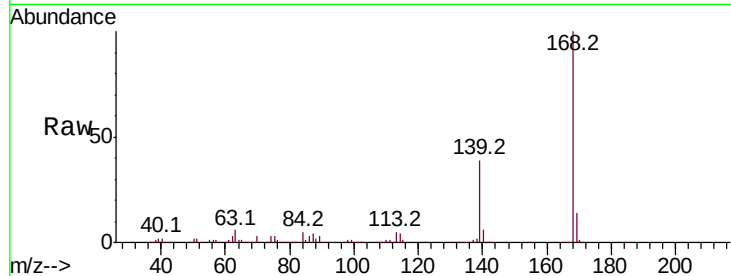
#55
Dibenzofuran
Concen: 40.789 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	14.0	10.6	16.0

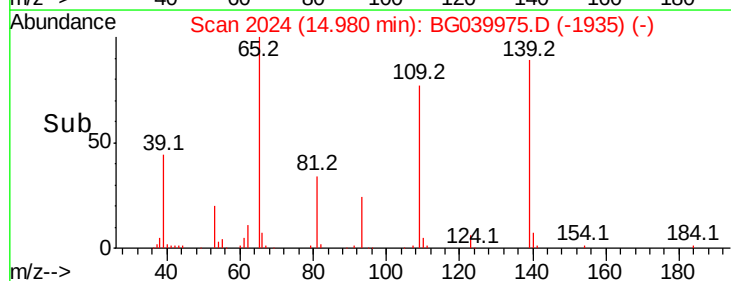
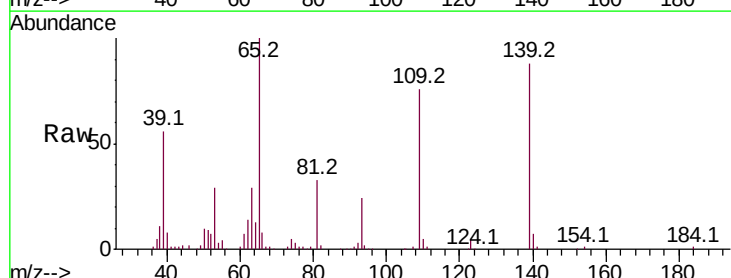
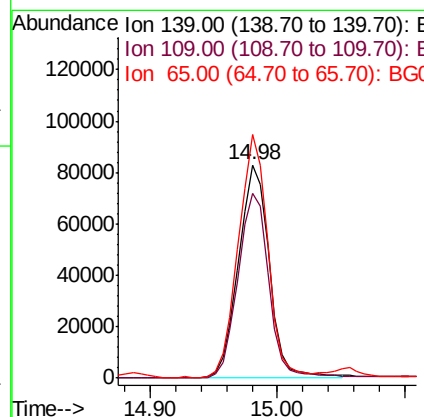
Manual Integrations
APPROVED

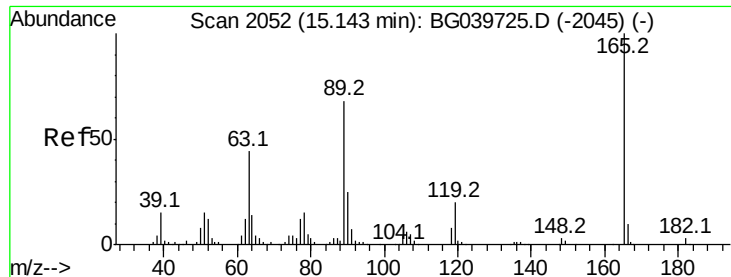
Sohil
3/20/2019 6:52:20 PM



#56
4-Nitrophenol
Concen: 78.217 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.6	61.9	101.9
65	114.3	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 43.274 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

Tot Ion:165 Resp: 120575

Ion Ratio Lower Upper

165 100

63 45.6 41.0 61.6

89 71.8 64.6 96.8

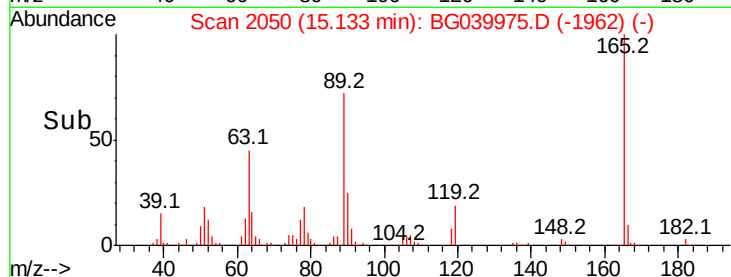
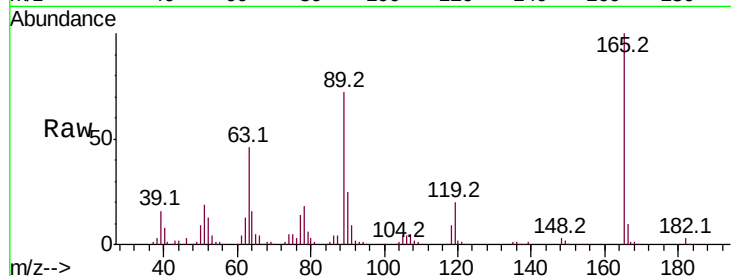
182 2.8 2.0 3.0

Manual Integrations

APPROVED

Sohil

3/20/2019 6:52:20 PM



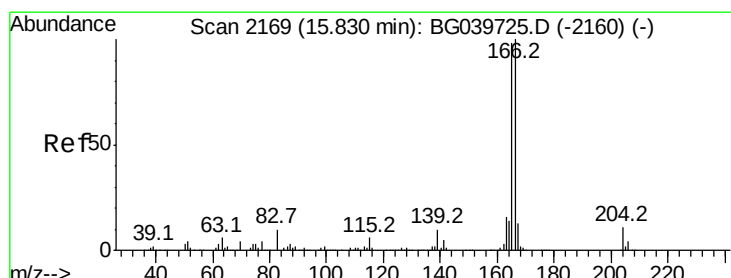
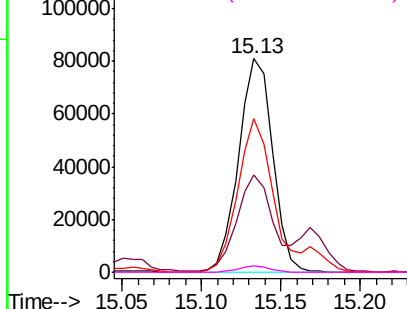
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.398 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

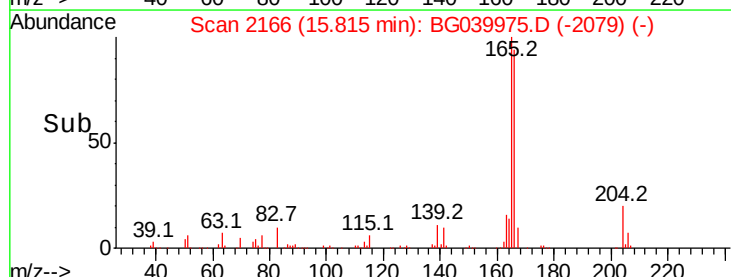
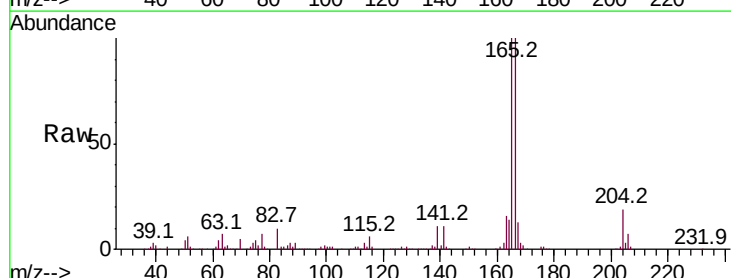
Tgt Ion:166 Resp: 356335

Ion Ratio Lower Upper

166 100

165 99.8 77.9 116.9

167 12.6 10.8 16.2

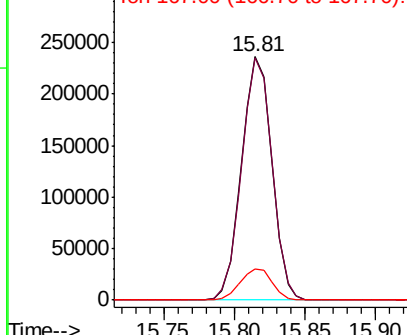


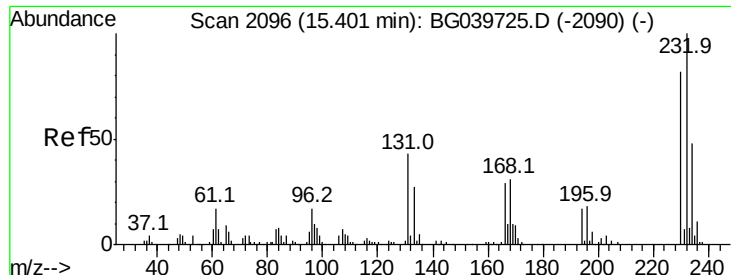
Abundance

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





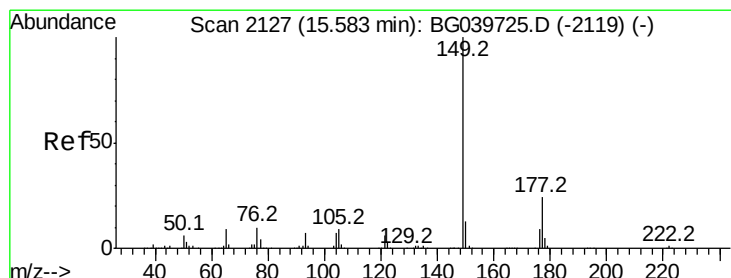
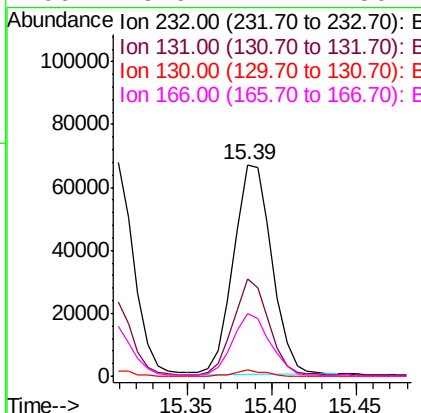
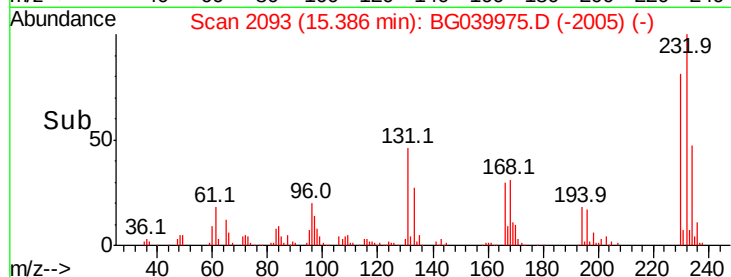
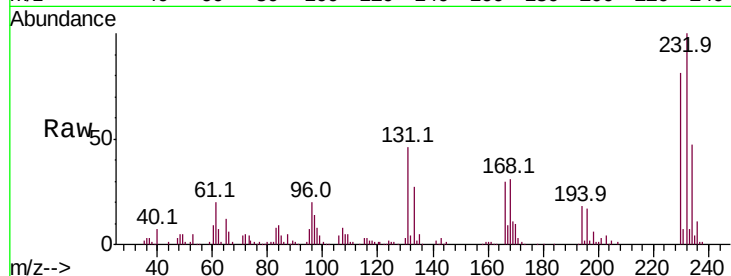
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.455 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	106134		
131	45.0		34.9	52.3
130	2.4		2.0	3.0
166	28.9		24.1	36.1

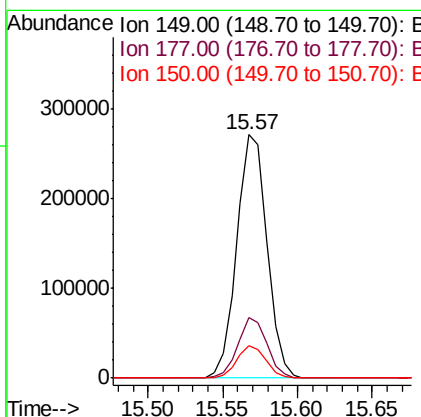
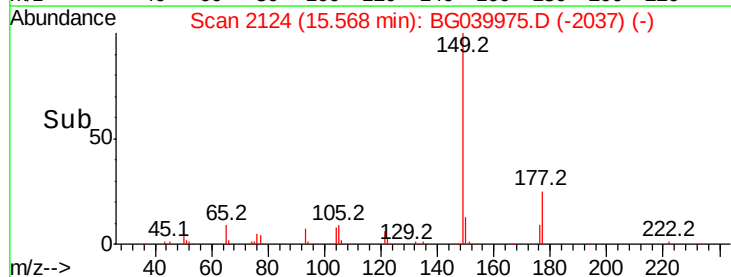
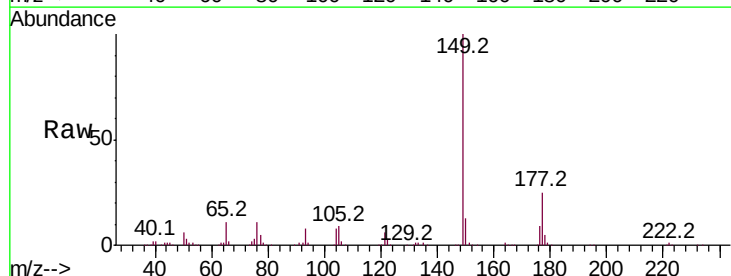
Manual Integrations
 APPROVED

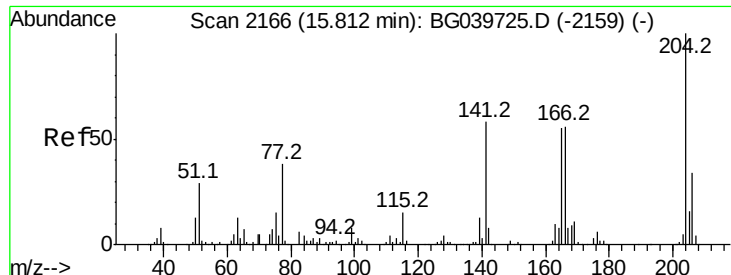
Sohil
 3/20/2019 6:52:20 PM



#60
 Diethylphthalate
 Concen: 41.129 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	380842		
177	24.9		18.3	27.5
150	13.4		10.2	15.2





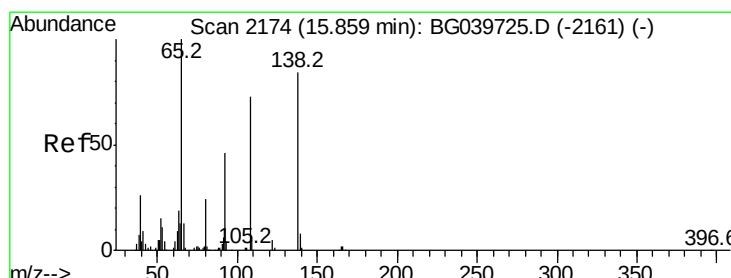
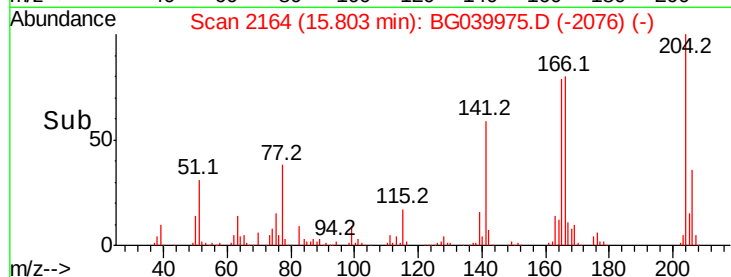
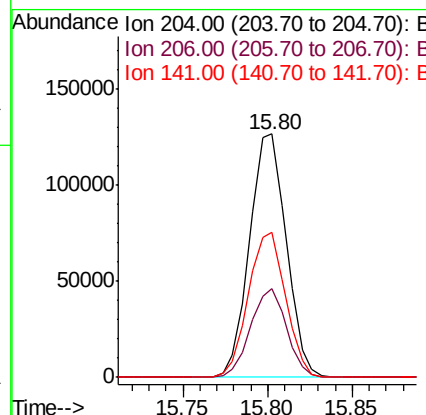
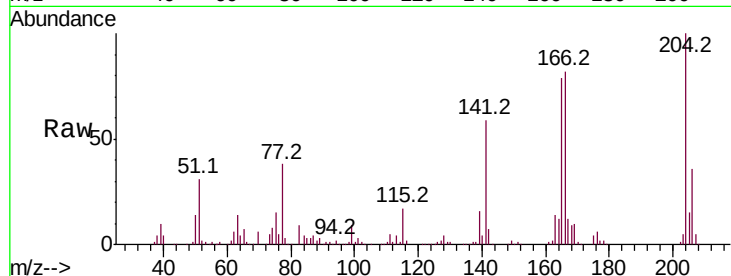
#61
4-Chlorophenyl-phenylether
Concen: 40.669 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.2	29.2	43.8
141	59.4	49.0	73.4

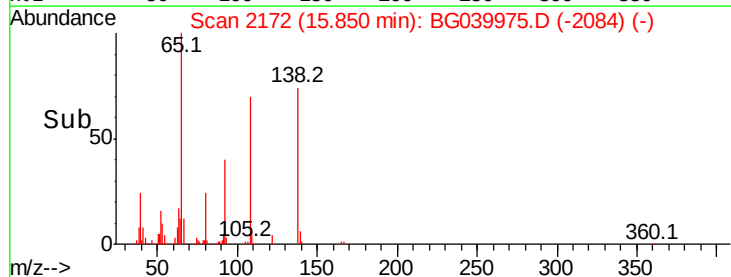
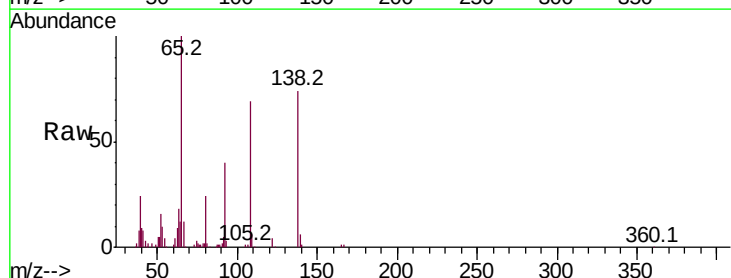
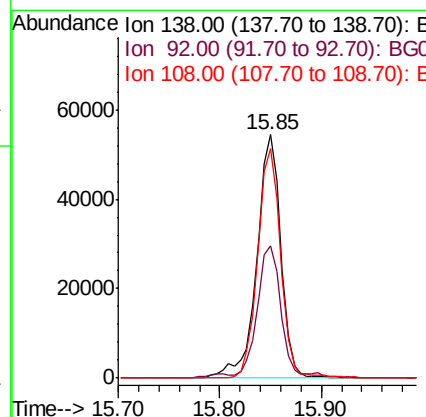
Manual Integrations
APPROVED

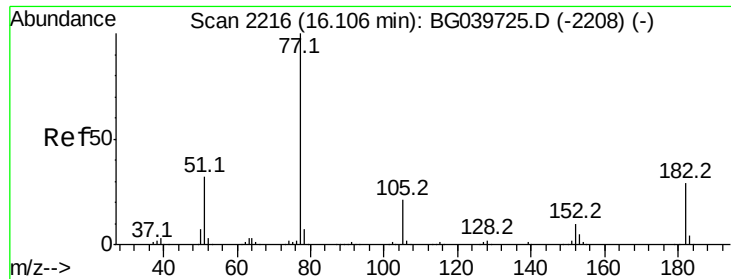
Sohil
3/20/2019 6:52:20 PM



#62
4-Nitroaniline
Concen: 41.383 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.4	38.7	78.7
108	94.2	74.6	114.6





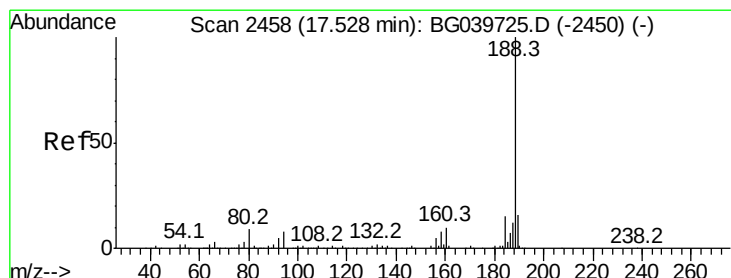
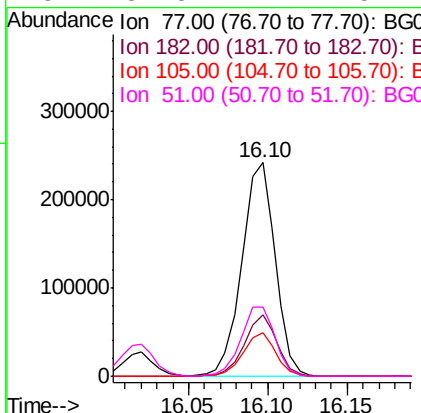
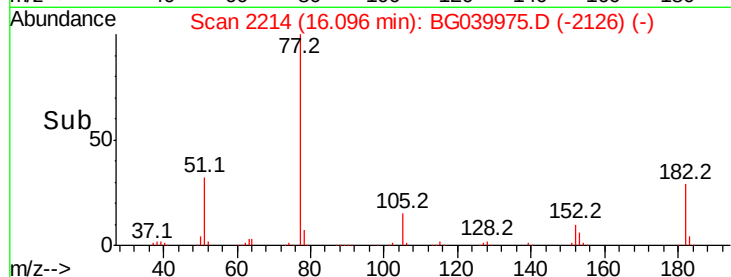
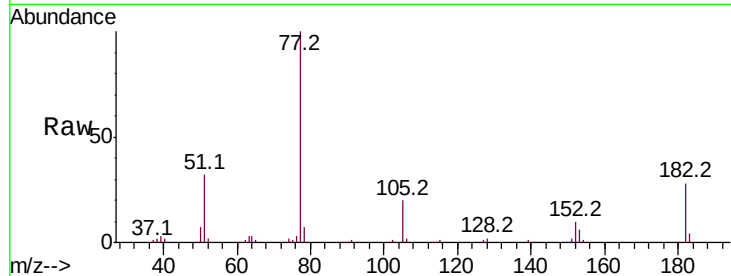
#63
Azobenzene
Concen: 41.931 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.5	6.4	46.4
105	20.4	0.0	39.8
51	32.3	14.1	54.1

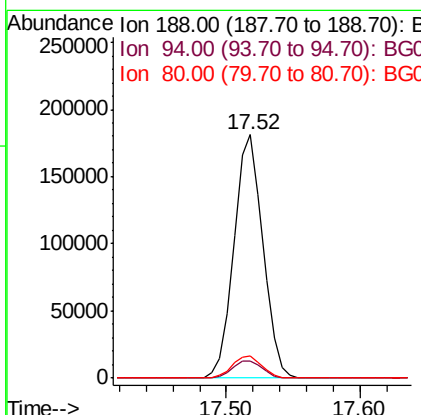
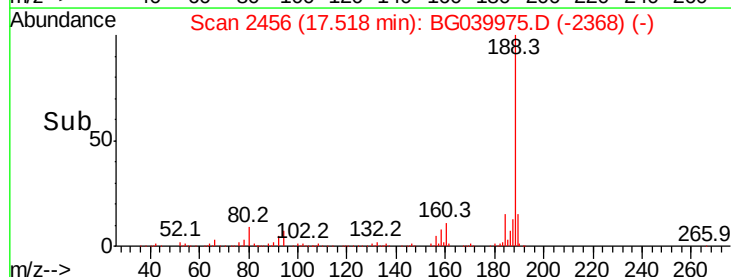
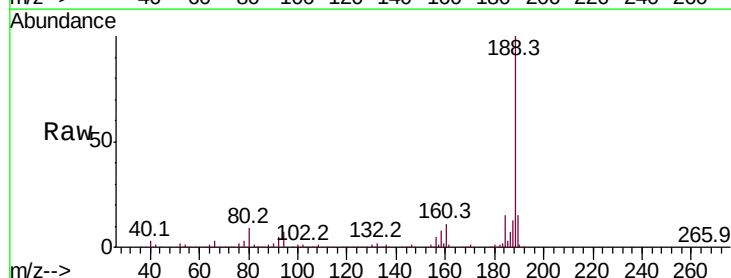
Manual Integrations
APPROVED

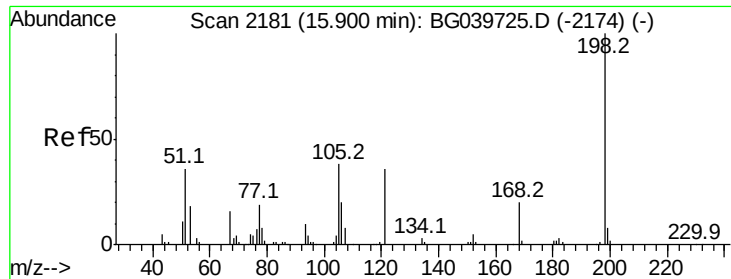
Sohil
3/20/2019 6:52:20 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	9.2	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.122 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

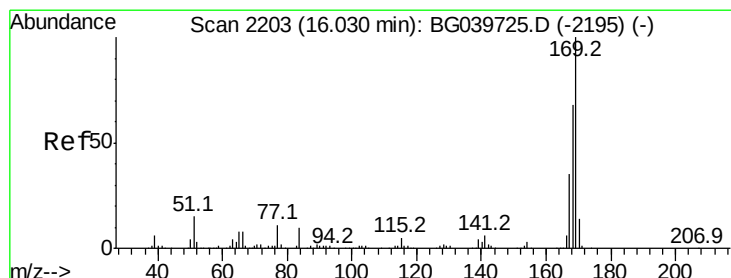
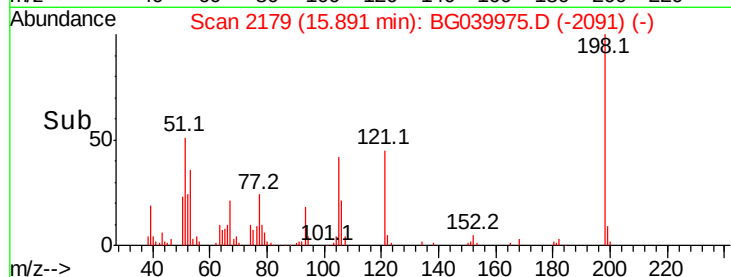
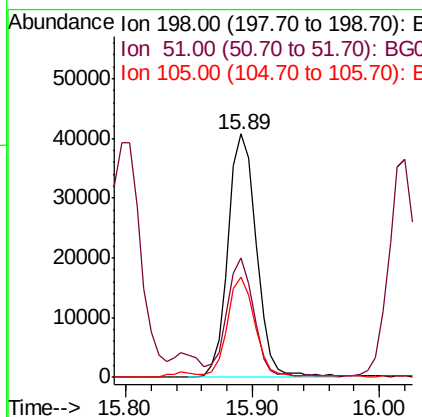
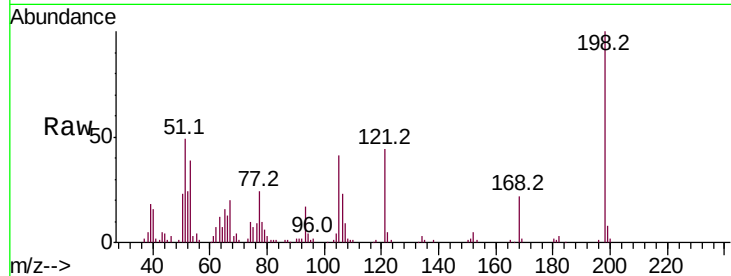
ClientSampled :

PB117991BSD

Tot Ion:	198	Resp:	62941
Ion Ratio	Lower	Upper	
198	100		
51	48.8	27.4	67.4
105	41.2	19.7	59.7

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM



#66

n-Nitrosodiphenylamine

Concen: 41.893 ng

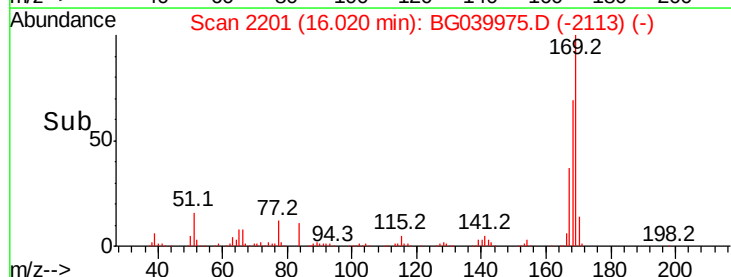
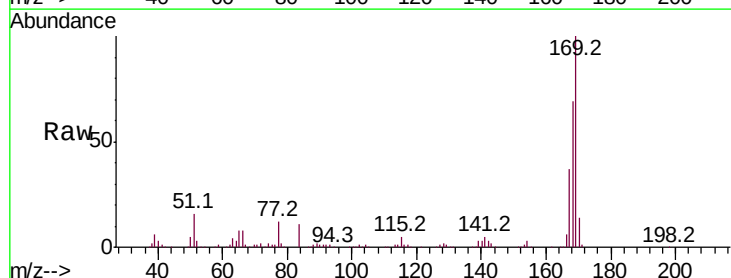
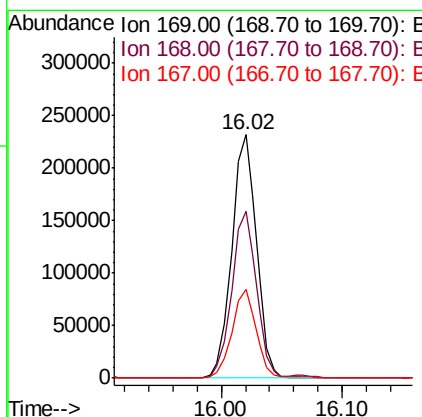
RT: 16.02 min Scan# 2201

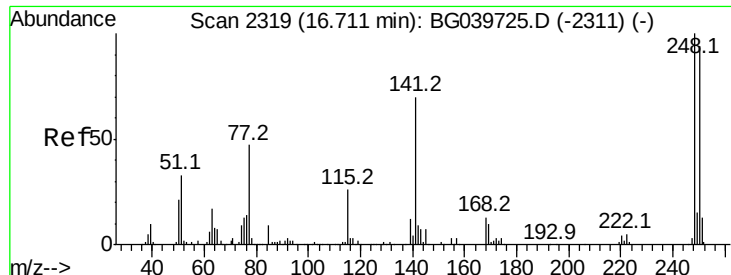
Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Tgt Ion:	169	Resp:	330009
Ion Ratio	Lower	Upper	
169	100		
168	68.6	56.6	85.0
167	36.7	28.8	43.2





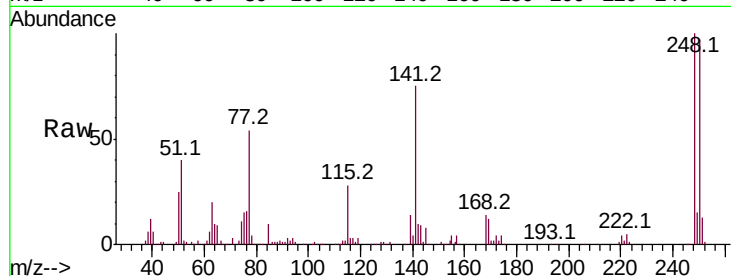
#67
 4-Bromophenyl-phenylether
 Concen: 40.482 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.6	116.4
141	75.4	63.9	95.9

Manual Integrations
 APPROVED

Sohil
 3/20/2019 6:52:20 PM

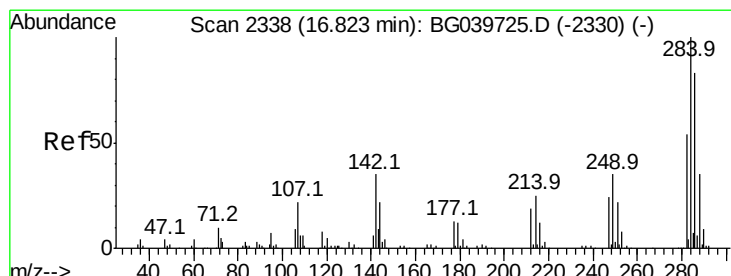
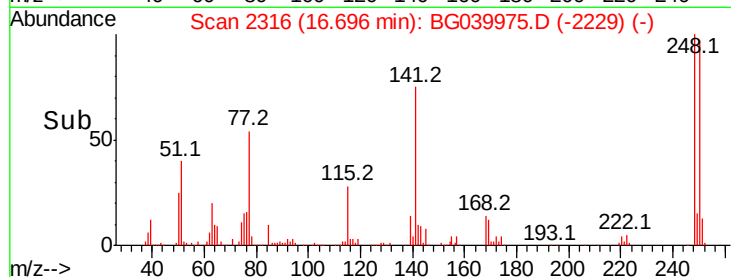
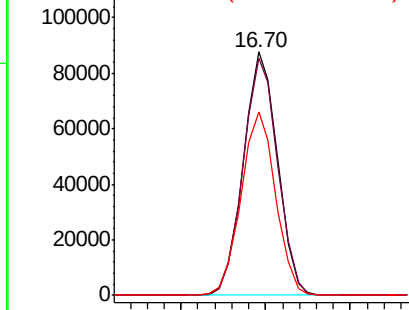


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.013 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

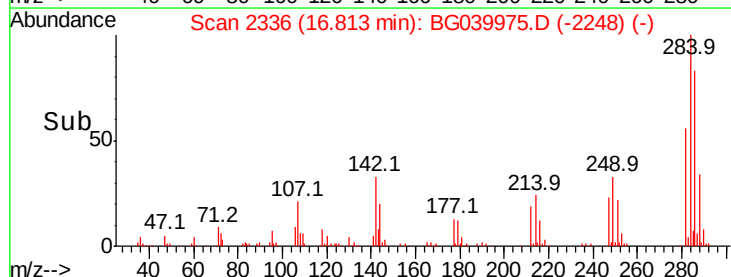
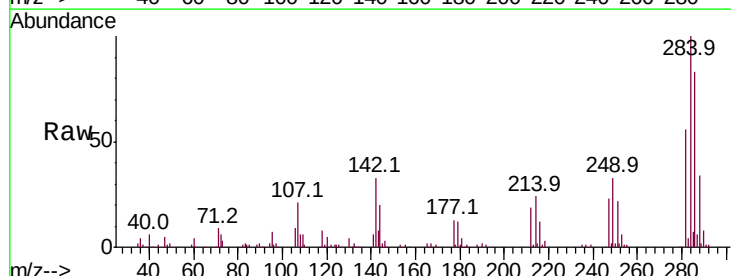
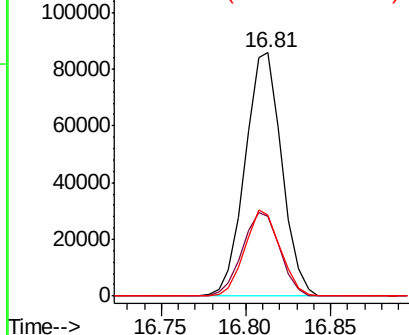
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	30.6	45.8
249	33.1	28.2	42.2

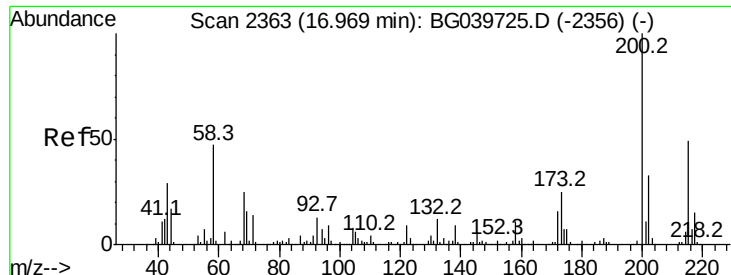
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





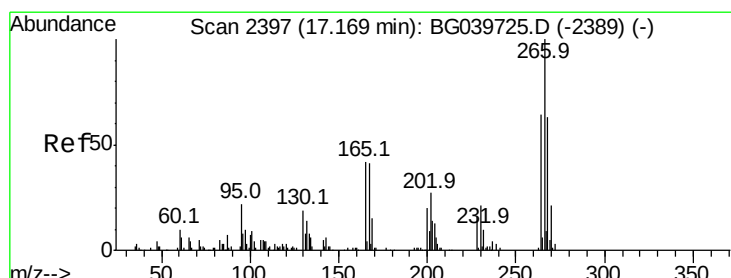
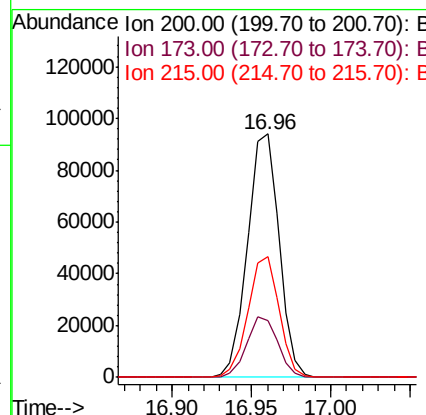
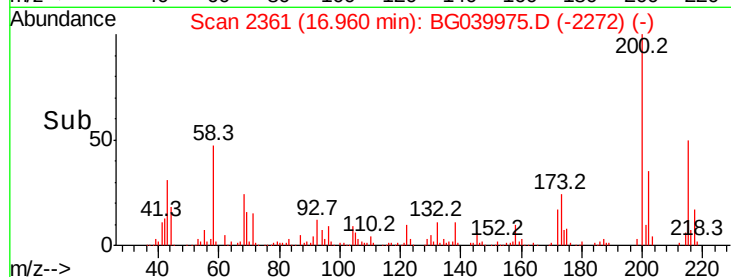
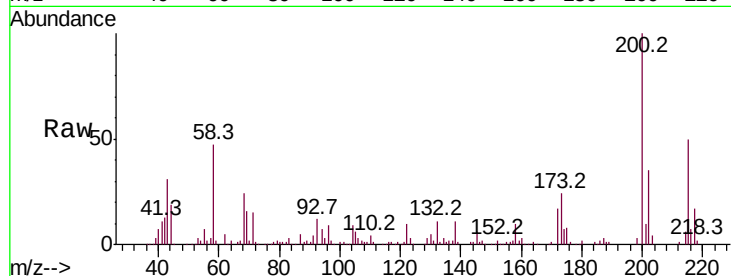
#69
Atrazine
Concen: 42.030 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.5	3.9	43.9
215	49.6	30.9	70.9

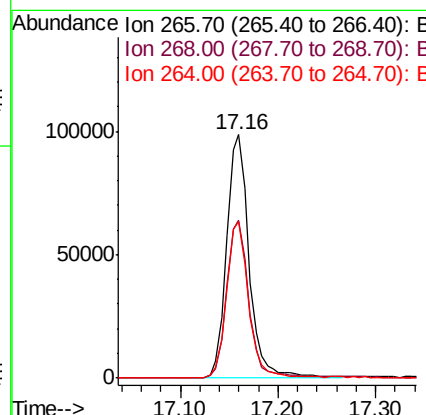
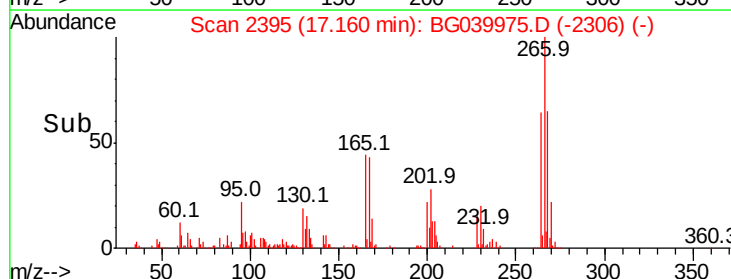
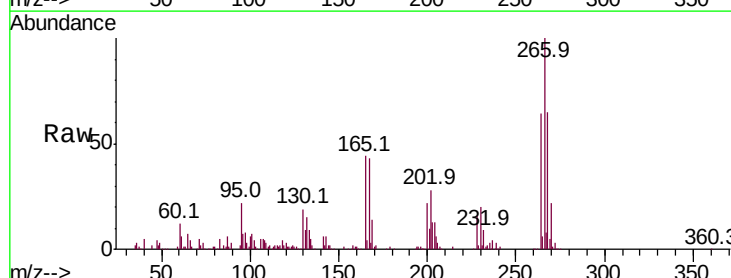
Manual Integrations
APPROVED

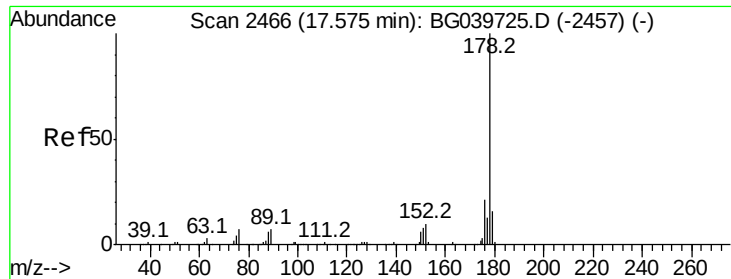
Sohil
3/20/2019 6:52:20 PM



#70
Pentachlorophenol
Concen: 79.429 ng
RT: 17.16 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	64.3	52.1	78.1





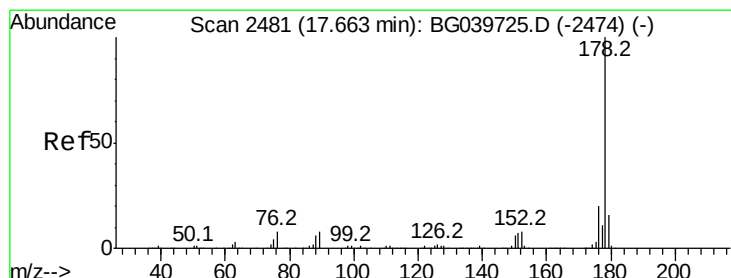
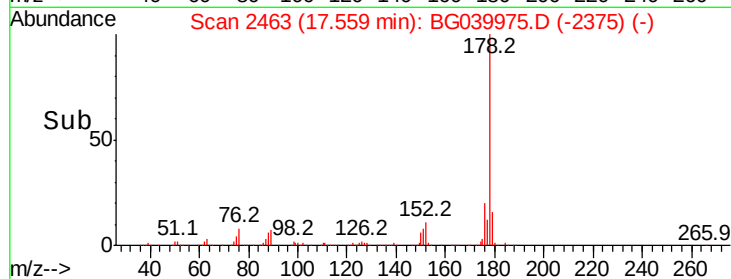
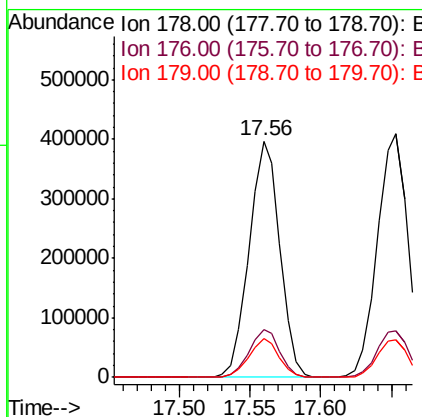
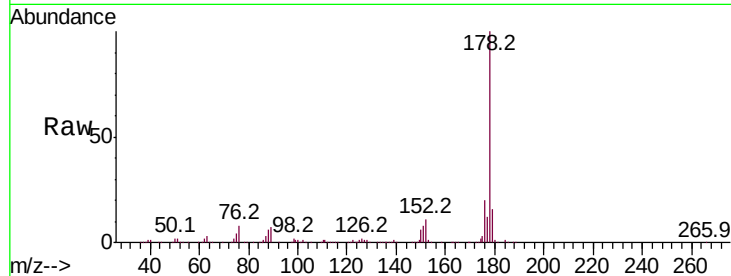
#71
 Phenanthrene
 Concen: 40.410 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.4	12.6	19.0

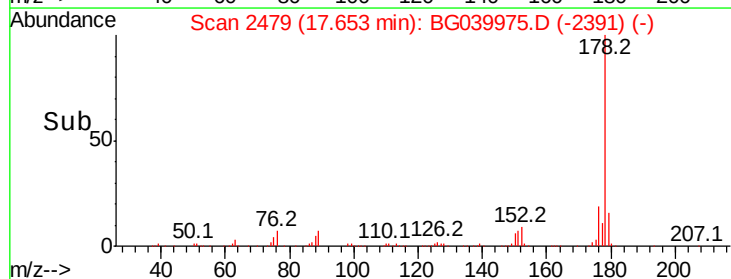
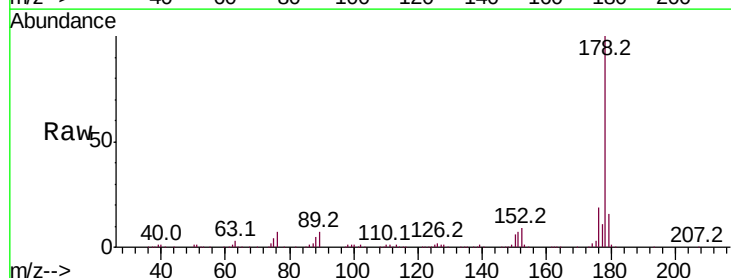
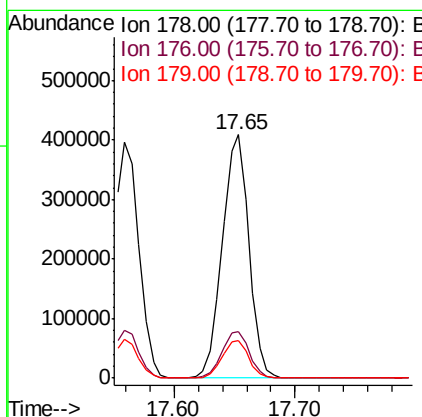
Manual Integrations
 APPROVED

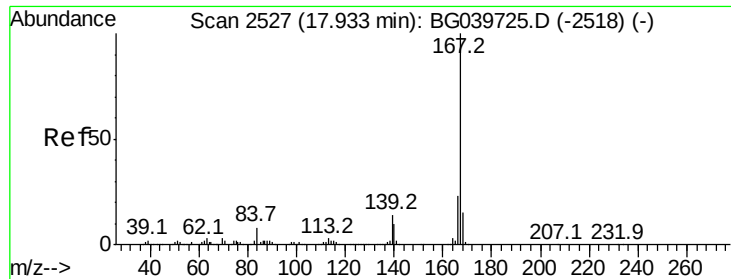
Sohil
 3/20/2019 6:52:20 PM



#72
 Anthracene
 Concen: 42.441 ng
 RT: 17.65 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.7	12.5	18.7





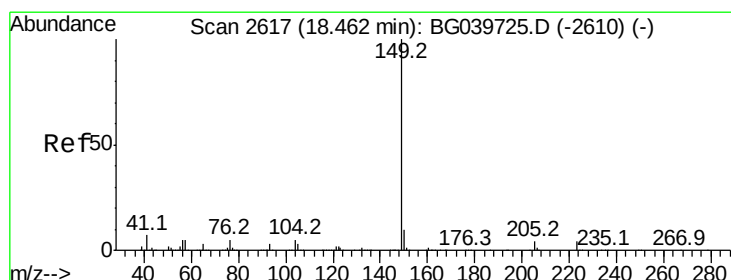
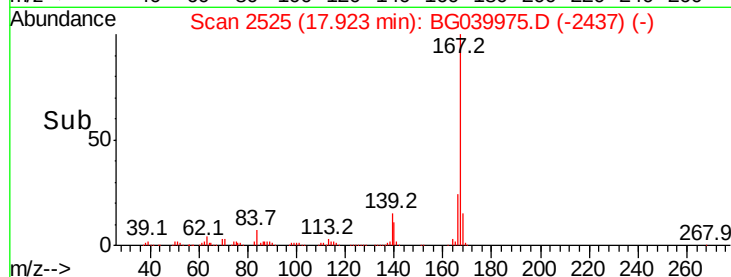
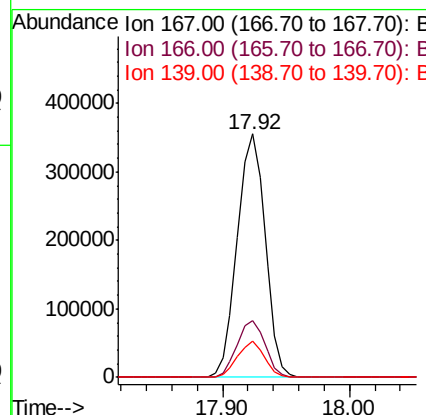
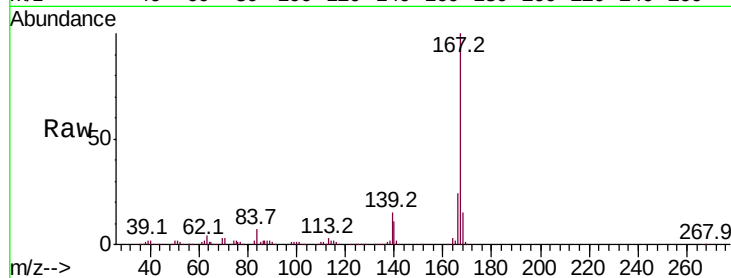
#73
 Carbazole
 Concen: 41.180 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.4	29.2
139	14.7	10.8	16.2

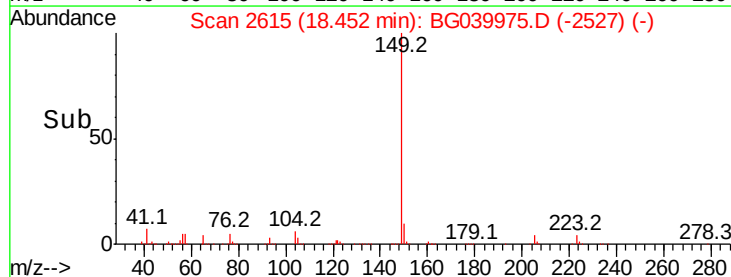
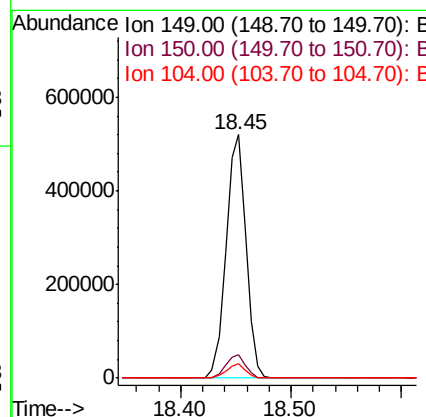
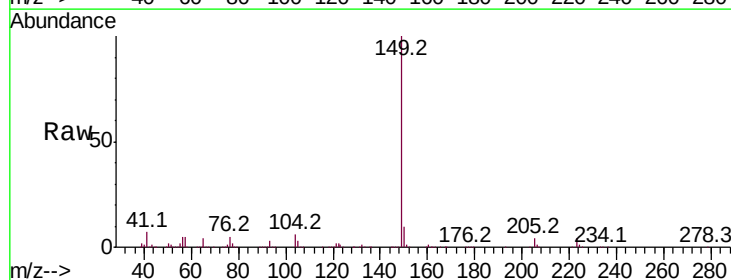
Manual Integrations
 APPROVED

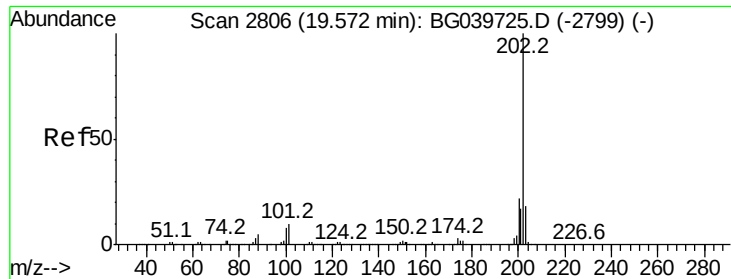
Sohil
 3/20/2019 6:52:20 PM



#74
 Di-n-butylphthalate
 Concen: 42.221 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.9	4.5	6.7





#75

Fluoranthene

Concen: 41.738 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

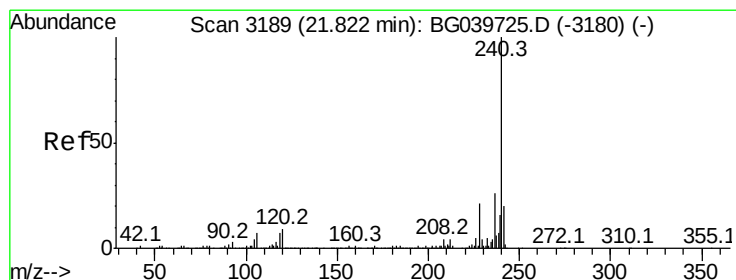
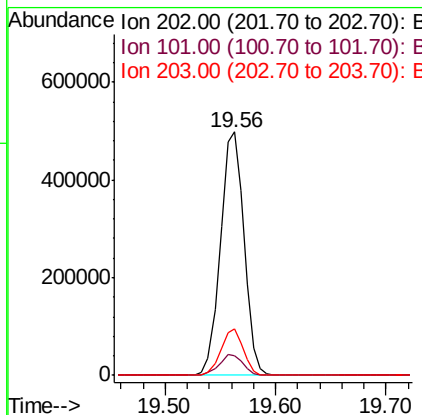
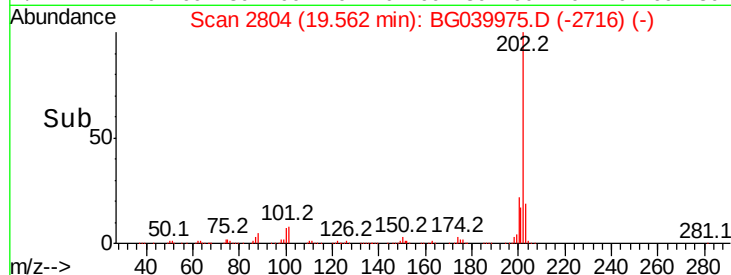
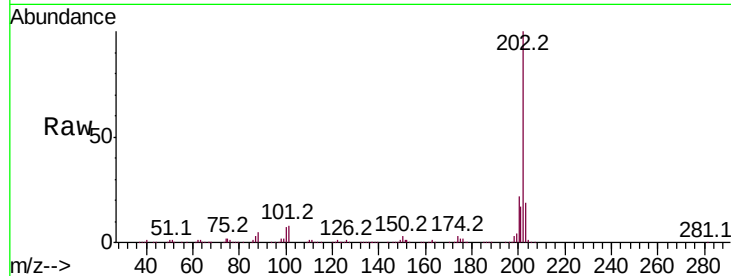
ClientSampleId :

PB117991BSD

Tot Ion:	202	Resp:	739288
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	30.0
203	18.8	0.0	38.9

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM



#76

Chrysene-d12

Concen: 20.000 ng

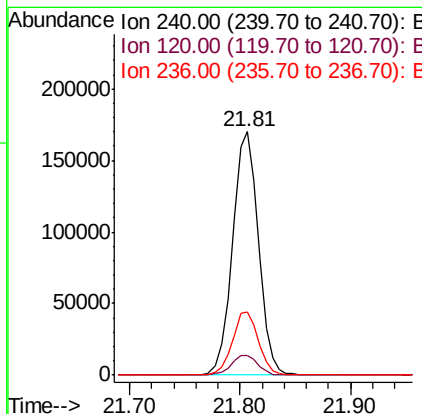
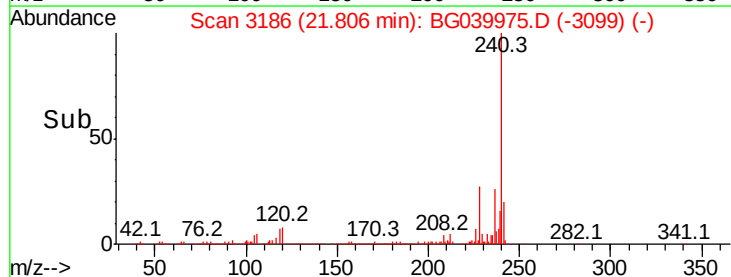
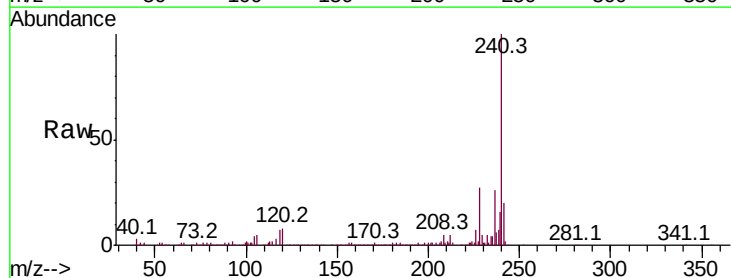
RT: 21.81 min Scan# 3186

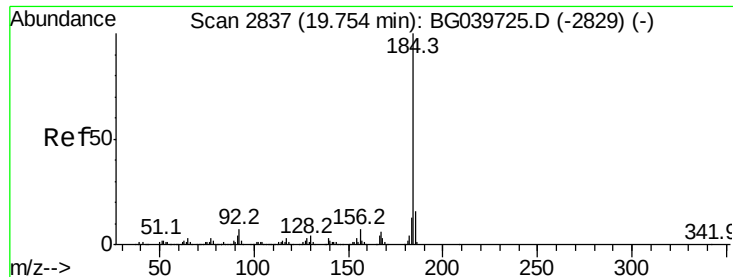
Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Tgt Ion:	240	Resp:	279161
Ion Ratio	Lower	Upper	
240	100		
120	7.9	7.0	10.6
236	26.1	21.0	31.4





#77

Benzidine

Concen: 29.674 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

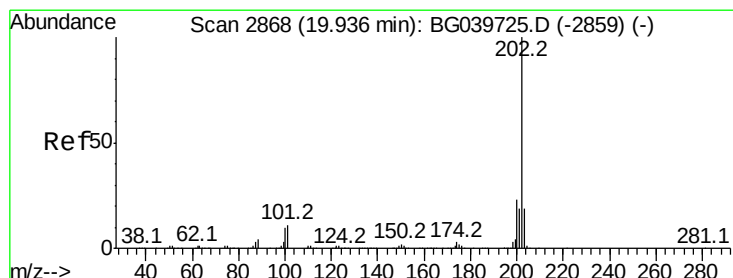
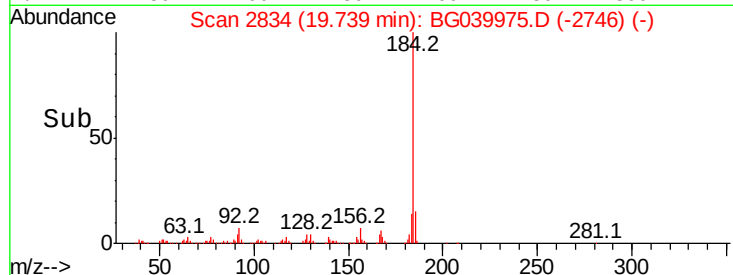
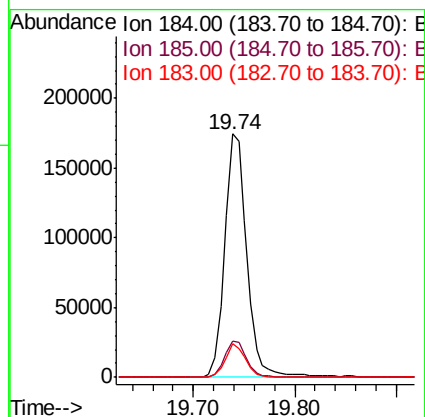
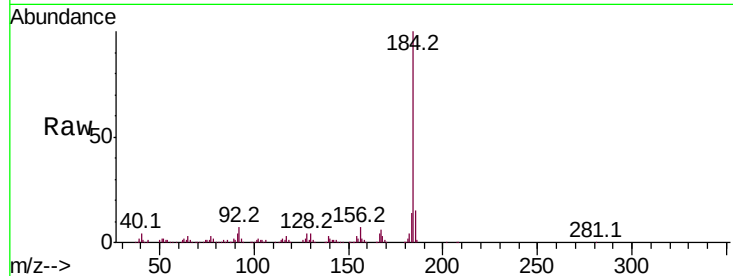
ClientSampleId :

PB117991BSD

Tot Ion:	184	Resp:	262874
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.2
183	14.0	10.6	15.8

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM



#78

Pyrene

Concen: 40.855 ng

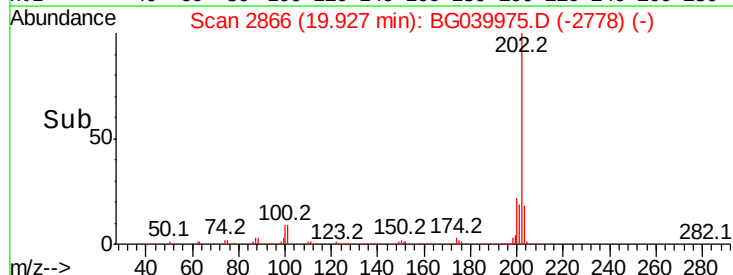
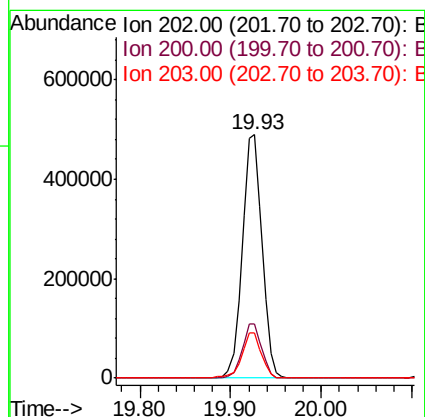
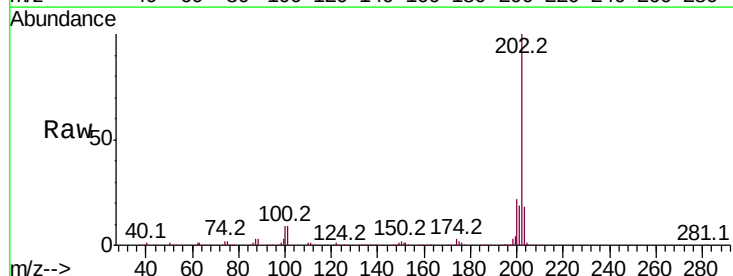
RT: 19.93 min Scan# 2866

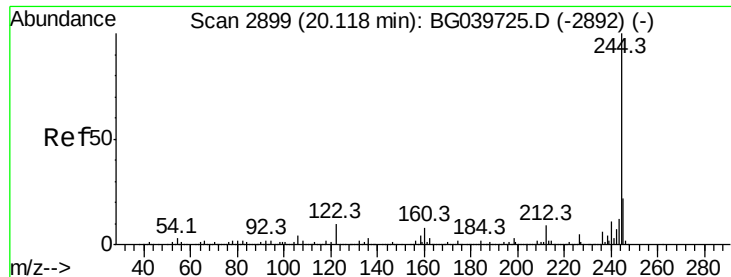
Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Tgt Ion:	202	Resp:	741109
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.8	26.8
203	18.4	15.3	22.9





#79

Terphenyl-d14

Concen: 79.163 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampled :

PB117991BSD

Tot Ion:244 Resp: 1003683

Ion Ratio Lower Upper

244 100

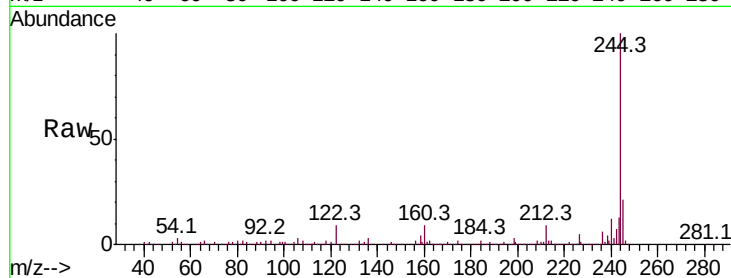
212 9.0 7.3 10.9

122 8.8 8.4 12.6

Manual Integrations
APPROVED

Sohil

3/20/2019 6:52:20 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

1000000

800000

600000

400000

200000

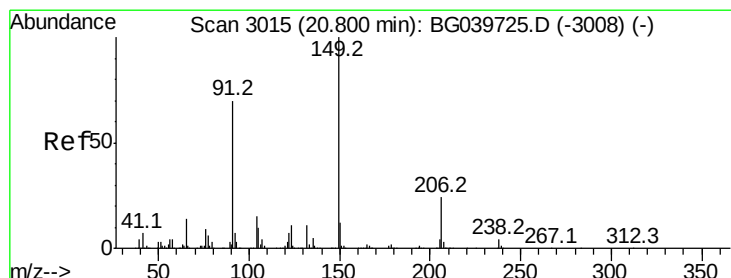
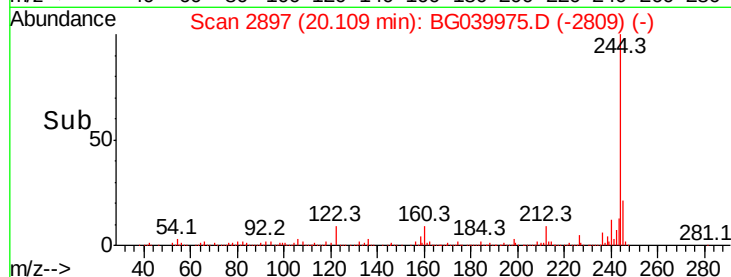
0

20.11

20.00

20.10

20.20



#80

Butylbenzylphthalate

Concen: 43.782 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

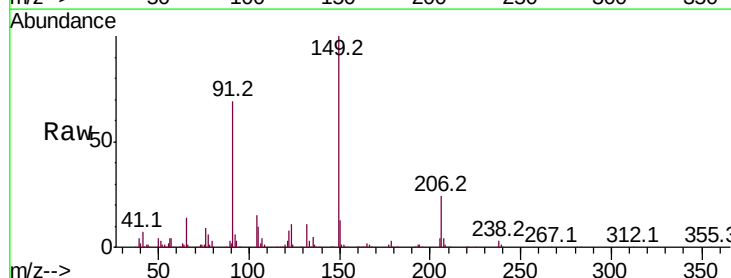
Tgt Ion:149 Resp: 307694

Ion Ratio Lower Upper

149 100

91 69.4 59.5 89.3

206 24.0 18.6 27.8



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

300000

200000

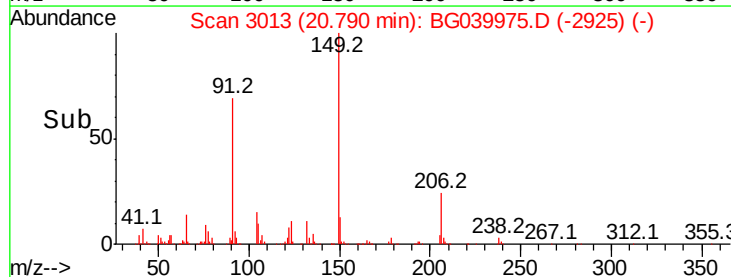
100000

0

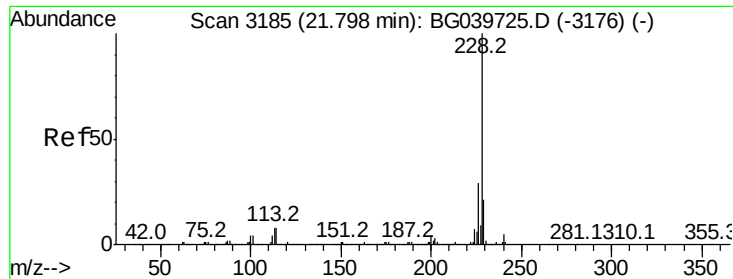
20.79

20.75

20.80



Time-->



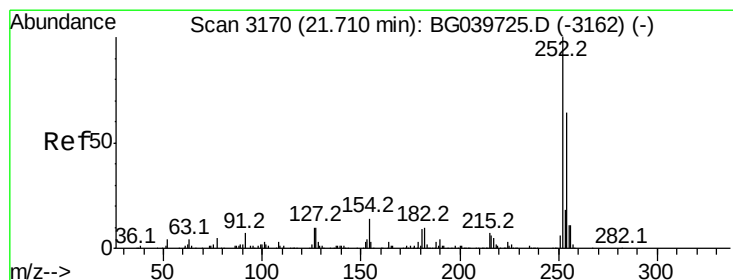
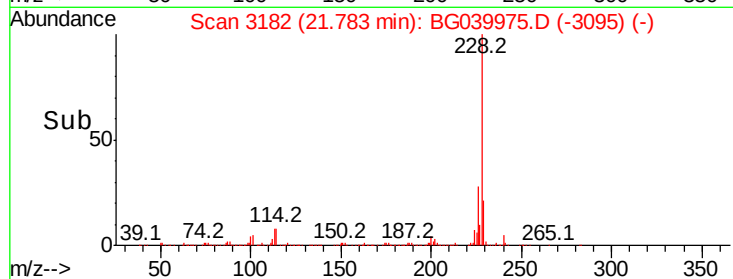
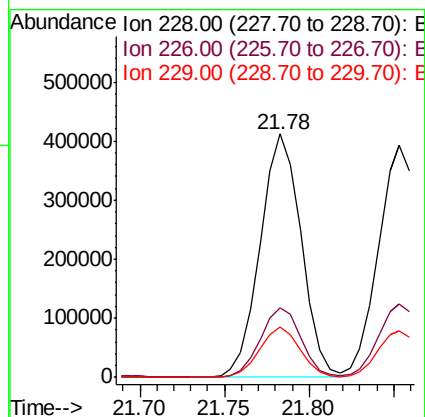
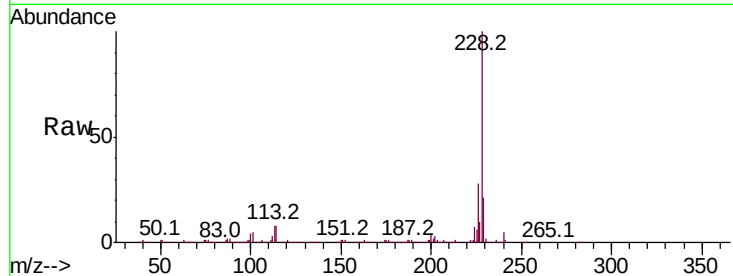
#81
Benzo(a)anthracene
Concen: 39.704 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion:	228	Resp:	694647
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.0	34.6
229	20.6	16.9	25.3

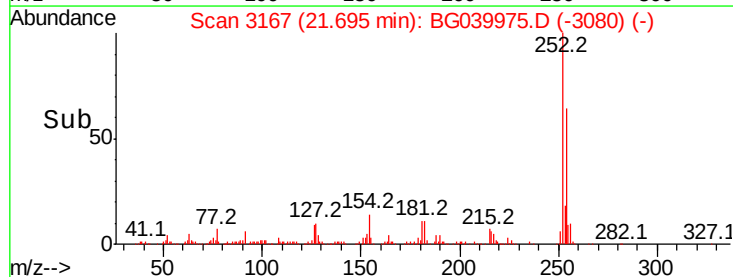
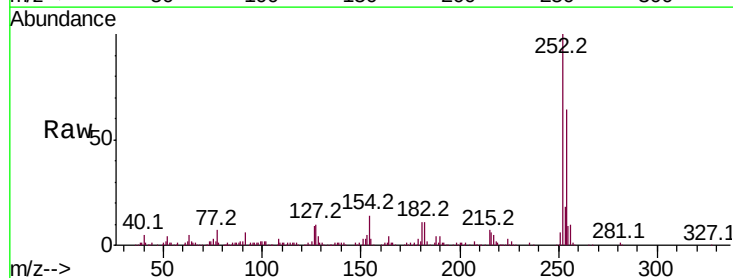
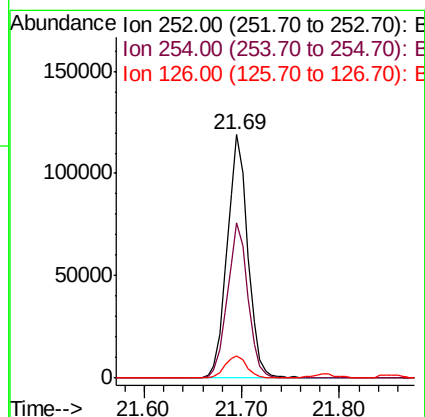
Manual Integrations
APPROVED

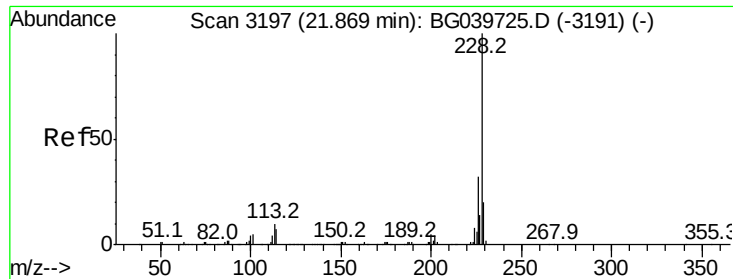
Sohil
3/20/2019 6:52:20 PM



#82
3,3'-Dichlorobenzidine
Concen: 27.344 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion:	252	Resp:	174661
Ion Ratio	Lower	Upper	
252	100		
254	63.9	51.3	76.9
126	9.4	8.0	12.0





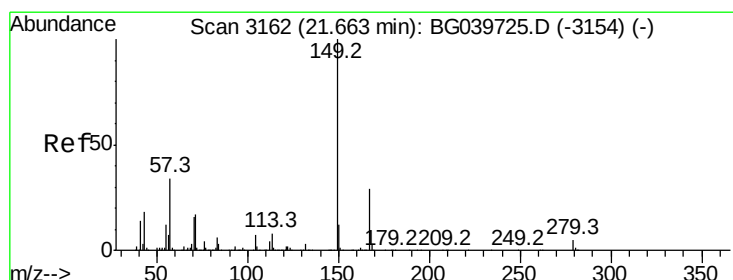
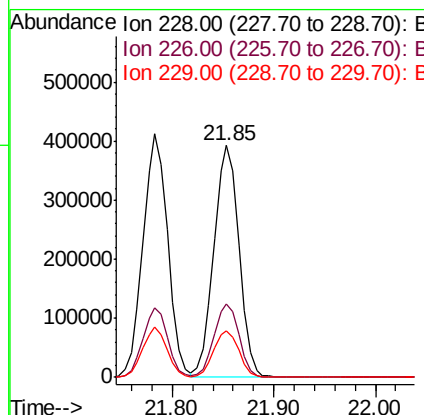
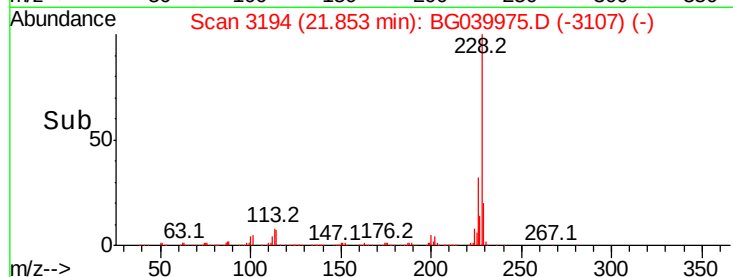
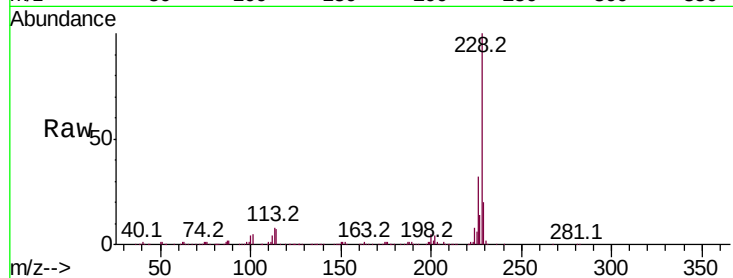
#83
 Chrysene
 Concen: 39.688 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Tot Ion:	228	Resp:	673170
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.8	38.6
229	20.3	16.6	25.0

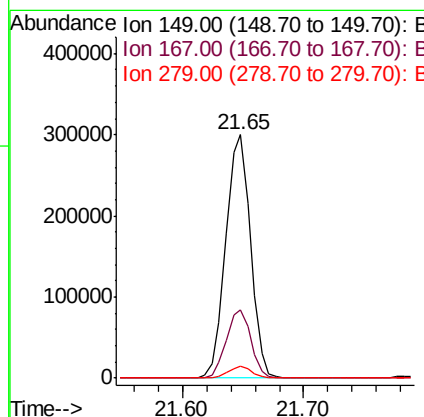
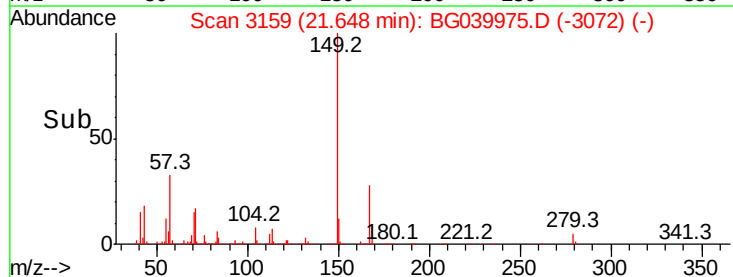
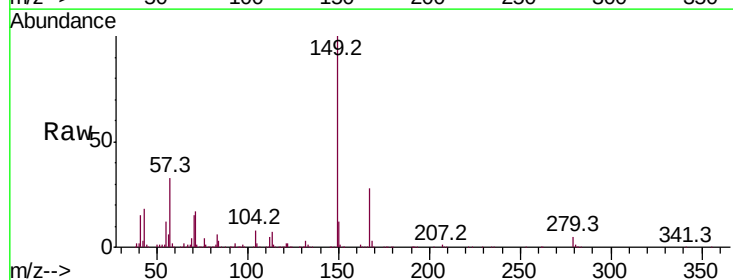
Manual Integrations
 APPROVED

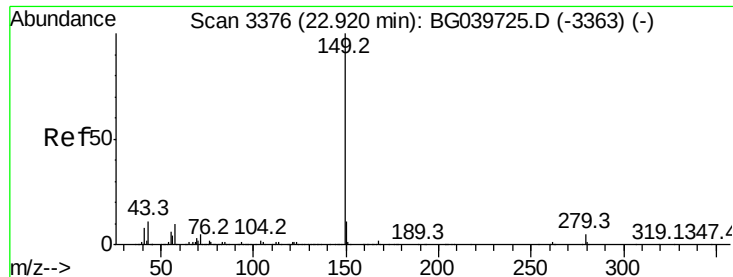
Sohil
 3/20/2019 6:52:20 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.078 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion:	149	Resp:	425437
Ion Ratio	Lower	Upper	
149	100		
167	27.9	22.6	34.0
279	4.8	3.5	5.3





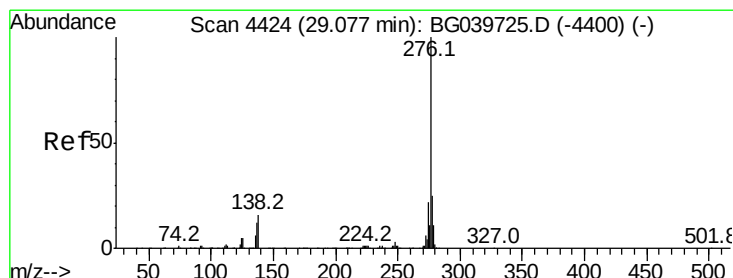
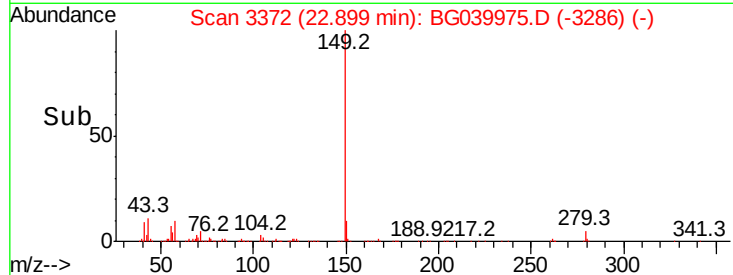
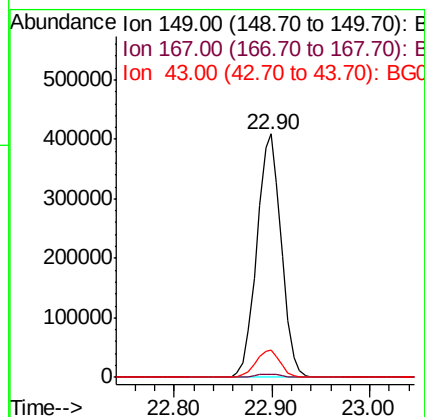
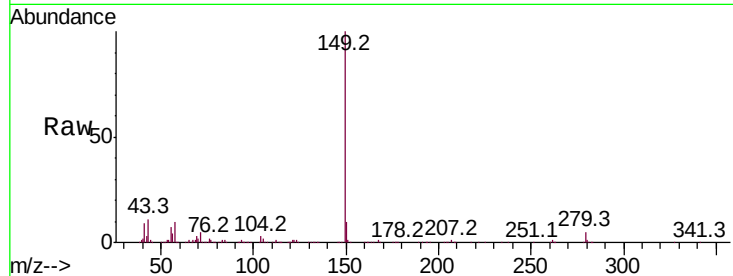
#85
Di-n-octyl phthalate
Concen: 44.012 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampled :
PB117991BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	719692		
167	1.7		1.3	1.9
43	11.1		10.2	15.4

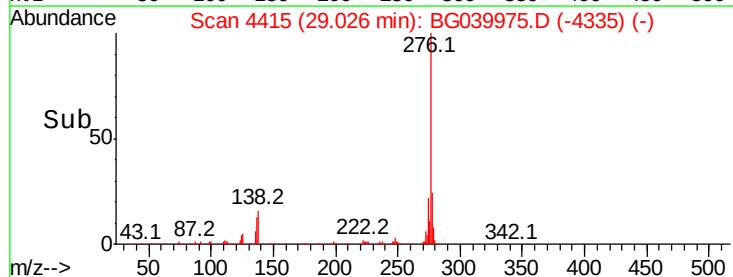
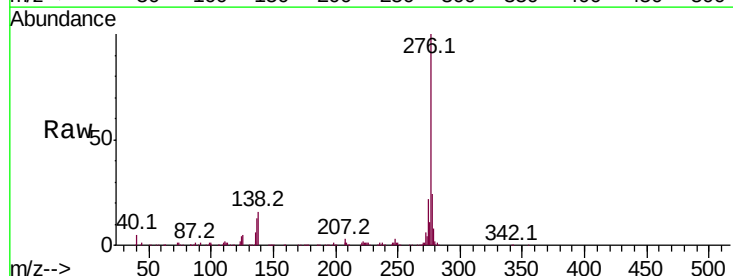
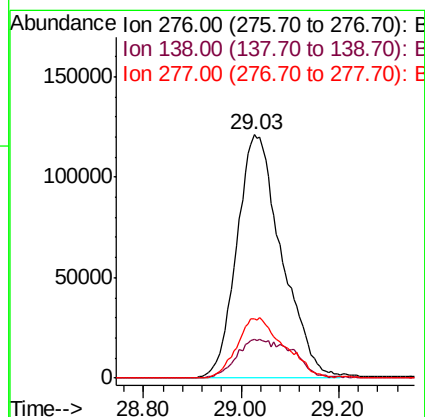
Manual Integrations
APPROVED

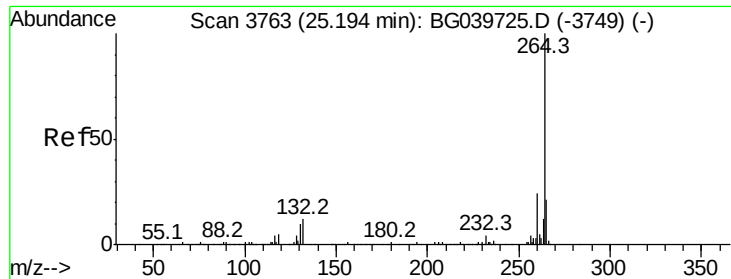
Sohil
3/20/2019 6:52:20 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.120 ng
RT: 29.03 min Scan# 4415
Delta R.T. -0.06 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	771994		
138	20.1		12.6	19.0#
277	26.1		20.8	31.2





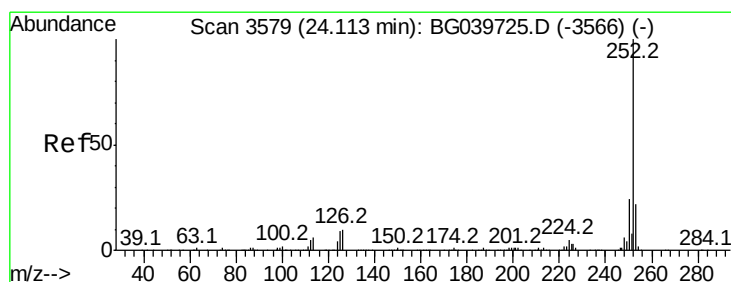
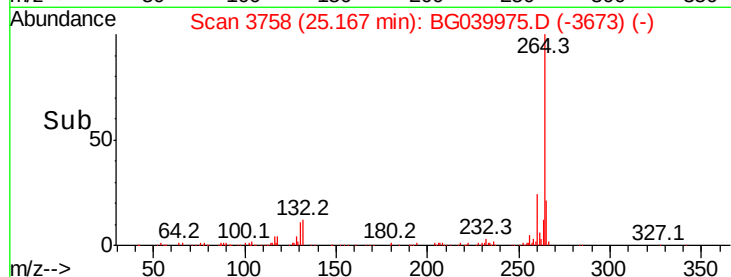
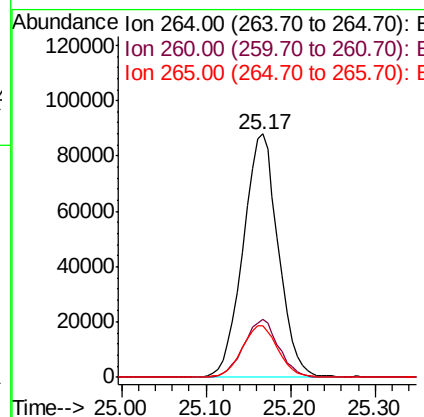
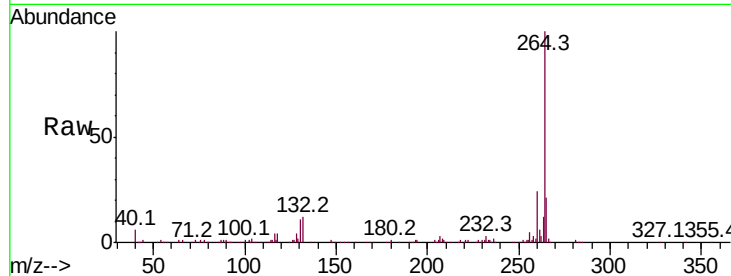
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3758
Delta R.T. -0.03 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.1	18.5	27.7

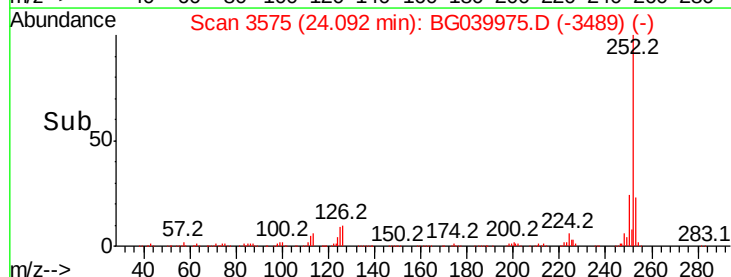
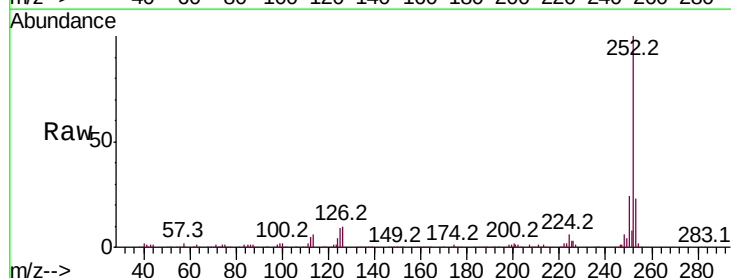
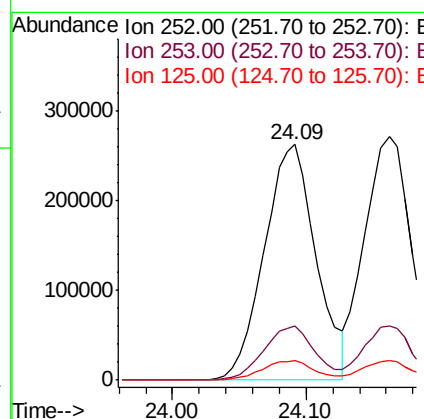
Manual Integrations
APPROVED

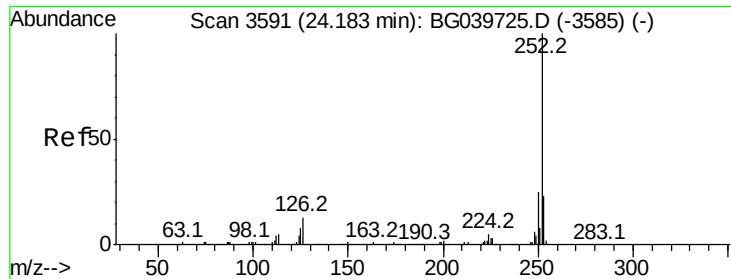
Sohil
3/20/2019 6:52:20 PM



#88
Benzo(b)fluoranthene
Concen: 46.647 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.03 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	8.5	7.8	11.6





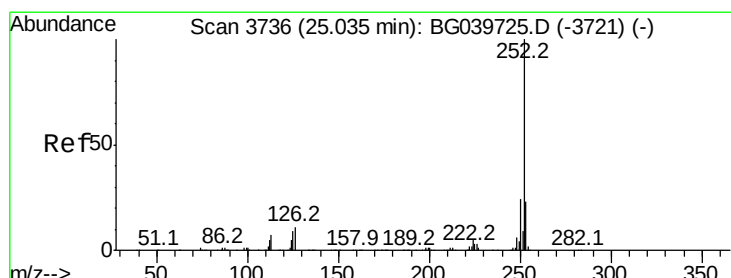
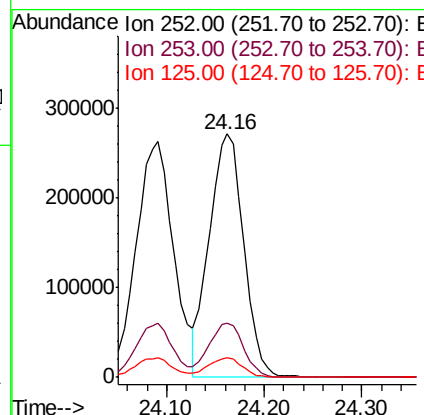
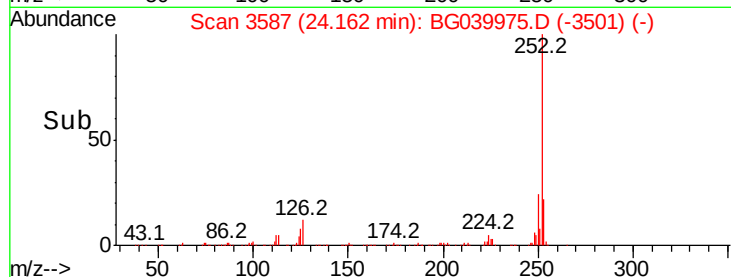
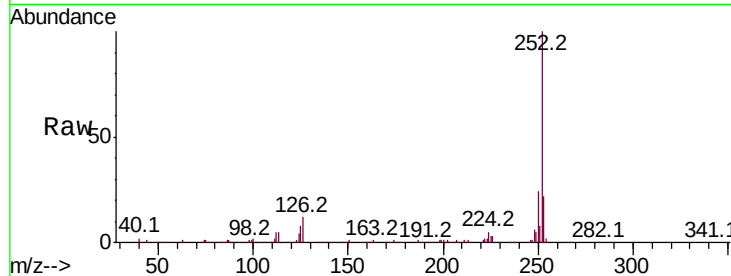
#89
Benzo(k)fluoranthene
Concen: 46.782 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	8.2	7.4	11.2

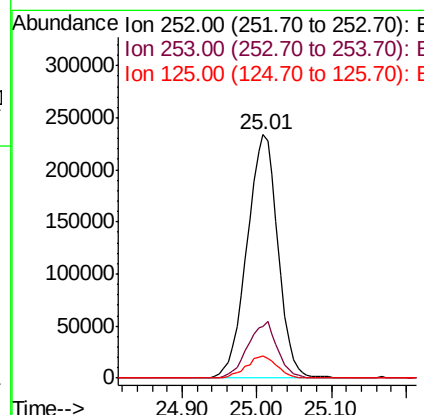
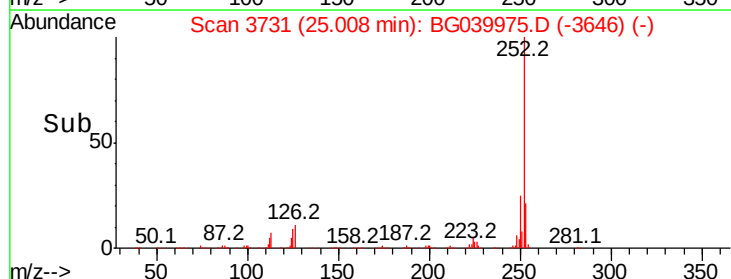
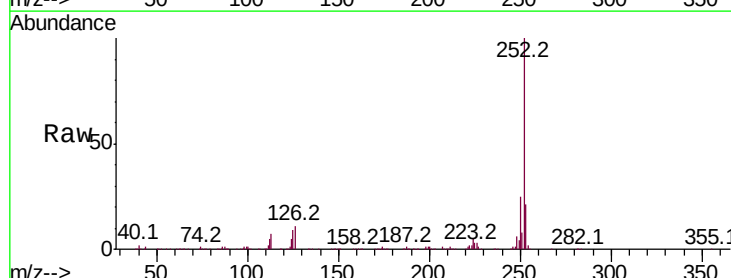
Manual Integrations
APPROVED

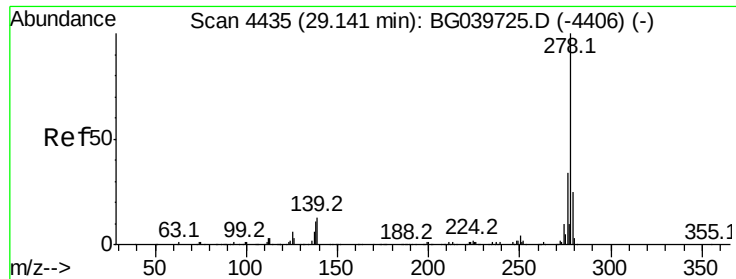
Sohil
3/20/2019 6:52:20 PM



#90
Benzo(a)pyrene
Concen: 47.988 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	9.1	8.3	12.5





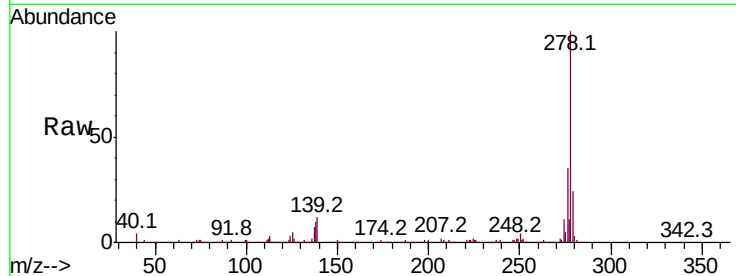
#91
Dibenzo(a,h)anthracene
Concen: 45.855 ng
RT: 29.10 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.1	11.7	17.5
279	24.2	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:20 PM

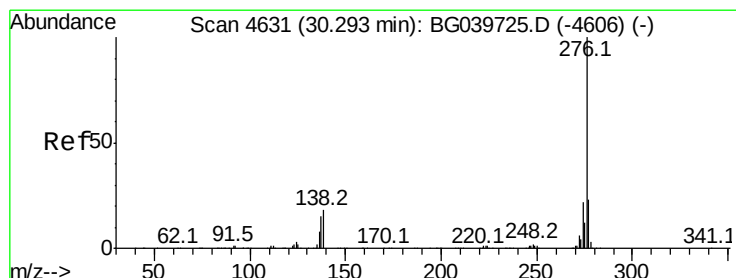
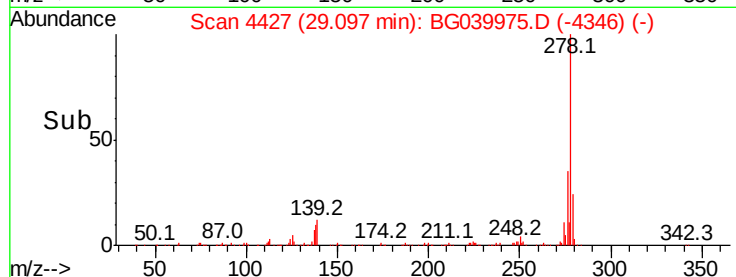
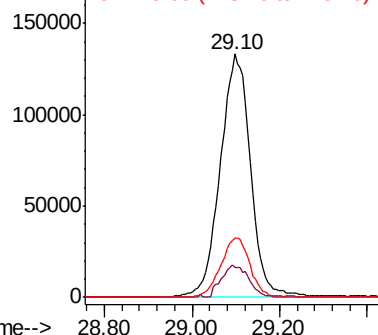


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.208 ng
RT: 30.25 min Scan# 4623
Delta R.T. -0.06 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.6	29.4
138	16.3	14.7	22.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

