

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021519\
 Data File : BG039527.D
 Acq On : 15 Feb 2019 18:46
 Operator : JU/SJ
 Sample : K1346-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMS

Manual Integrations
 APPROVED

Sohil
 2/18/2019 12:14:19 PM

Quant Time: Feb 16 03:26:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	51048	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	232542	20.00	ng	-0.01
39) Acenaphthene-d10	14.79	164	162541	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	378328	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	393883	20.00	ng	-0.02
87) Perylene-d12	25.22	264	405389	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	419313	140.58	ng	0.00
7) Phenol-d6	7.32	99	583758	132.96	ng	0.00
23) Nitrobenzene-d5	9.35	82	396030	106.39	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	262327	149.88	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	944609	83.37	ng	-0.02
79) Terphenyl-d14	20.13	244	1483843	79.74	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	49180	37.695	ng	# 42
3) Pyridine	4.02	79	95182	27.555	ng	96
4) n-Nitrosodimethylamine	3.93	42	74639	43.206	ng	90
6) Aniline	7.50	93	71491	13.000	ng	99
8) 2-Chlorophenol	7.73	128	166433	51.048	ng	94
9) Benzaldehyde	7.31	77	110817	57.039	ng	96
10) Phenol	7.35	94	203938	44.561	ng	95
11) bis(2-Chloroethyl)ether	7.59	93	157489	43.549	ng	99
12) 1,3-Dichlorobenzene	8.06	146	169152	42.828	ng	97
13) 1,4-Dichlorobenzene	8.21	146	174198	44.250	ng	97
14) 1,2-Dichlorobenzene	8.53	146	164988	43.293	ng	99
15) Benzyl Alcohol	8.41	79	165813	48.106	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	308634	37.792	ng	98
17) 2-Methylphenol	8.61	107	147970	49.962	ng	98
18) Hexachloroethane	9.26	117	58966	43.538	ng	93
19) n-Nitroso-di-n-propylamine	8.97	70	134465	43.152	ng	96
20) 3+4-Methylphenols	8.94	107	205232	50.322	ng	96
22) Acetophenone	9.00	105	256411	41.049	ng	# 96
24) Nitrobenzene	9.39	77	200590	49.881	ng	97
25) Isophorone	9.91	82	387061	46.924	ng	98
26) 2-Nitrophenol	10.11	139	100214	59.139	ng	95
27) 2,4-Dimethylphenol	10.15	122	178673	53.546	ng	91
28) bis(2-Chloroethoxy)methane	10.39	93	235321	46.316	ng	100
29) 2,4-Dichlorophenol	10.63	162	194588	53.357	ng	92
30) 1,2,4-Trichlorobenzene	10.85	180	183500	44.817	ng	99
31) Naphthalene	11.05	128	535382	46.409	ng	99
32) Benzoic acid	10.27	122	113599	51.240	ng	99
33) 4-Chloroaniline	11.16	127	15715	2.938	ng	97
34) Hexachlorobutadiene	11.31	225	113444	41.663	ng	96
35) Caprolactam	11.94	113	54094m	35.845	ng	
36) 4-Chloro-3-methylphenol	12.26	107	208268	49.380	ng	95
37) 2-Methylnaphthalene	12.64	142	409142	47.884	ng	100
38) 1-Methylnaphthalene	12.85	142	394483	47.895	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	221910	42.910	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021519\
 Data File : BG039527.D
 Acq On : 15 Feb 2019 18:46
 Operator : JU/SJ
 Sample : K1346-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMS

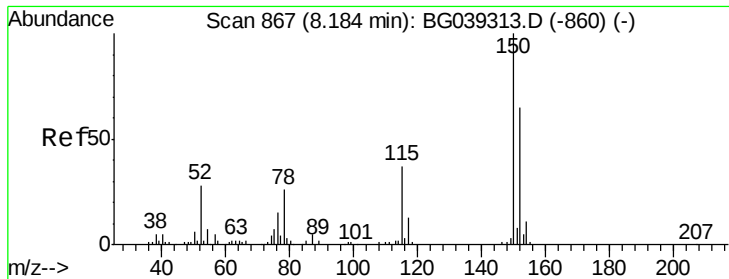
Manual Integrations
 APPROVED

Sohil
 2/18/2019 12:14:19 PM

Quant Time: Feb 16 03:26:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	259751	92.173	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	160035	50.329	nq	96
44) 2,4,5-Trichlorophenol	13.31	196	177416	53.236	nq	98
46) 1,1'-Biphenyl	13.64	154	554649	41.013	nq	99
47) 2-Chloronaphthalene	13.68	162	431233	42.387	nq	97
48) 2-Nitroaniline	13.89	65	150710	50.952	nq	93
49) Acenaphthylene	14.52	152	702681	45.773	nq	99
50) Dimethylphthalate	14.25	163	567683	43.244	nq	99
51) 2,6-Dinitrotoluene	14.38	165	129515	52.134	nq	96
52) Acenaphthene	14.86	154	427384	42.889	nq	98
53) 3-Nitroaniline	14.70	138	34909	17.388	nq #	93
54) 2,4-Dinitrophenol	14.91	184	112132	94.761	nq	97
55) Dibenzofuran	15.19	168	686245	42.952	nq	99
56) 4-Nitrophenol	15.00	139	195250	82.097	nq	89
57) 2,4-Dinitrotoluene	15.16	165	181520	56.168	nq	88
58) Fluorene	15.84	166	547867	46.000	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	165321	52.981	nq	98
60) Diethylphthalate	15.60	149	570531	42.035	nq	96
61) 4-Chlorophenyl-phenylether	15.83	204	292124	43.317	nq	98
62) 4-Nitroaniline	15.87	138	133675	48.511	nq	89
63) Azobenzene	16.12	77	523930	39.494	nq	97
65) 4,6-Dinitro-2-methylphenol	15.92	198	90312	56.561	nq	98
66) n-Nitrosodiphenylamine	16.04	169	496853	43.191	nq	99
67) 4-Bromophenyl-phenylether	16.73	248	186551	44.447	nq	94
68) Hexachlorobenzene	16.83	284	191380	45.448	nq	99
69) Atrazine	16.98	200	178459	42.451	nq	97
70) Pentachlorophenol	17.18	266	244226	83.447	nq	97
71) Phenanthrene	17.58	178	898979	45.910	nq	99
72) Anthracene	17.68	178	913108	47.342	nq	98
73) Carbazole	17.95	167	813734	42.275	nq	99
74) Di-n-butylphthalate	18.48	149	979160	43.603	nq	100
75) Fluoranthene	19.58	202	1078523	47.454	nq	99
77) Benzidine	19.77	184	168404	13.041	nq	97
78) Pyrene	19.94	202	1087255	44.341	nq	99
80) Butylbenzylphthalate	20.81	149	472518	45.682	nq	94
81) Benzo(a)anthracene	21.81	228	1079601	46.386	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	205414	23.802	nq	99
83) Chrysene	21.88	228	1006699	45.438	nq	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	651605	44.157	nq	99
85) Di-n-octyl phthalate	22.95	149	1119643	45.926	nq	96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1196108	50.318	nq #	96
88) Benzo(b)fluoranthene	24.13	252	1054122	47.680	nq	98
89) Benzo(k)fluoranthene	24.20	252	1039373	46.827	nq	99
90) Benzo(a)pyrene	25.06	252	1044158	49.040	nq	99
91) Dibenzo(a,h)anthracene	29.19	278	969036	48.598	nq	99
92) Benzo(g,h,i)perylene	30.34	276	971365	48.875	nq	99

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



#1

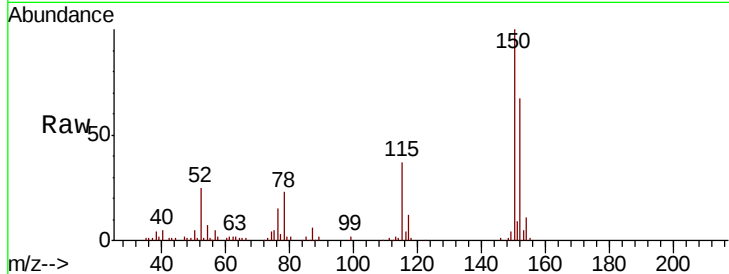
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	123.7	185.5
115	54.4	45.9	68.9

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM

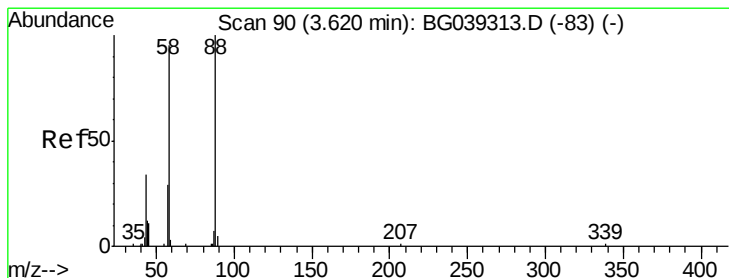
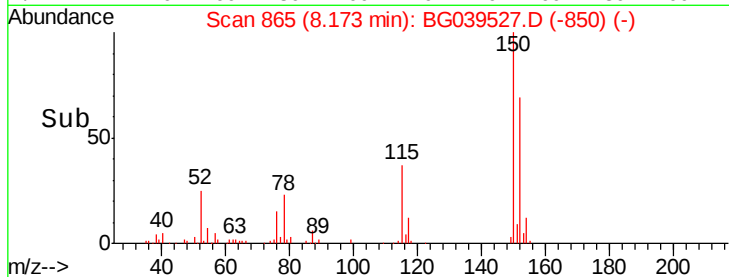
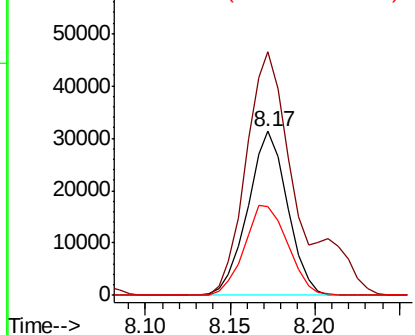


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

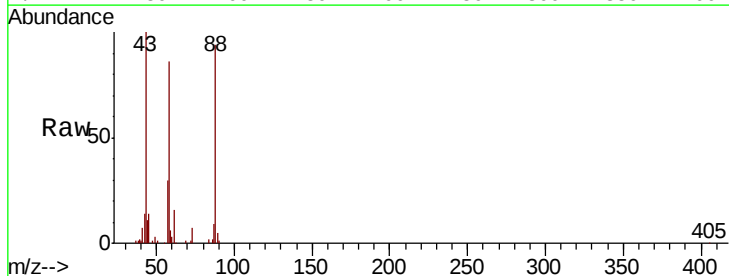
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.695 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.0	81.1	121.7
43	161.2	31.4	47.0#

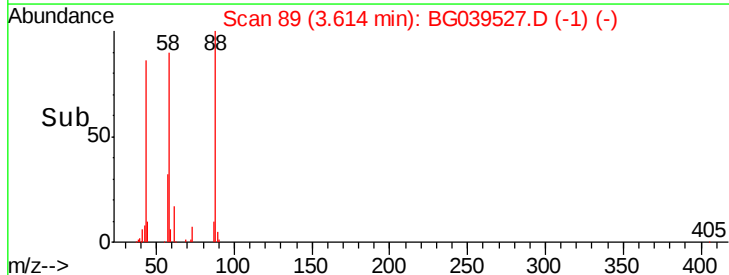
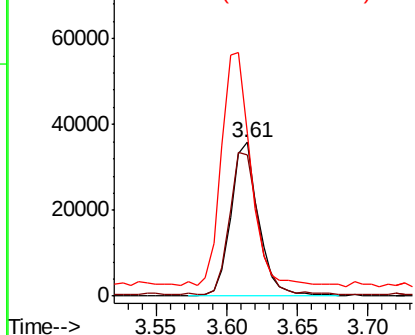


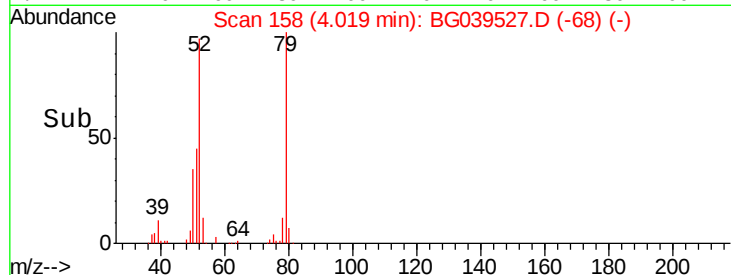
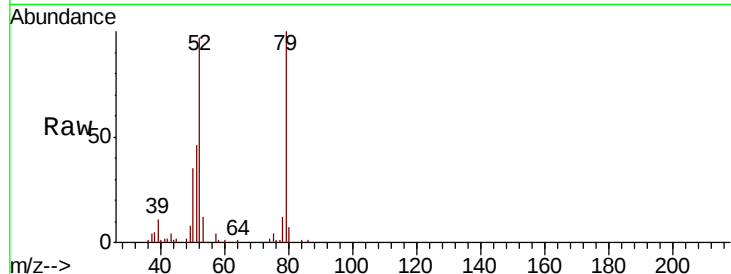
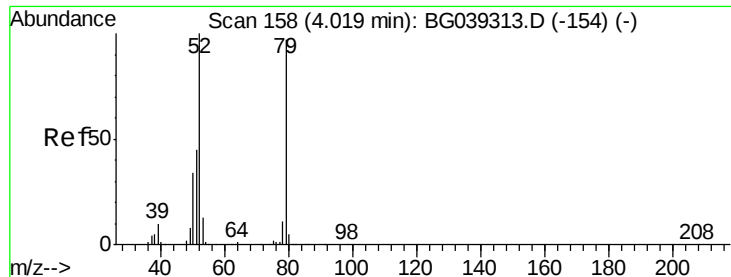
Abundance

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





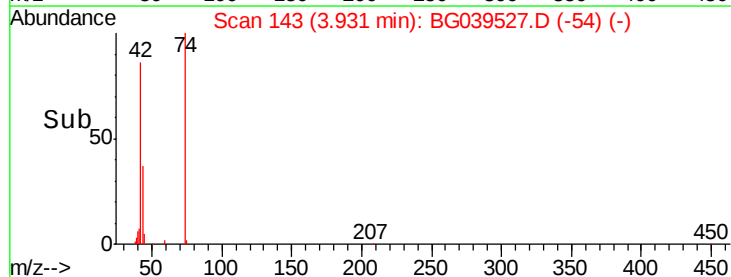
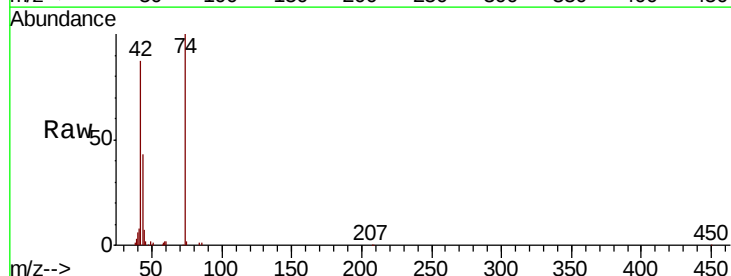
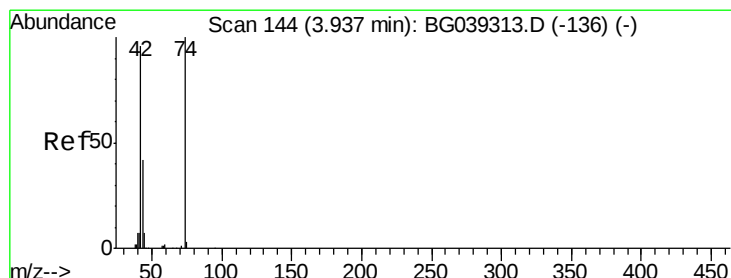
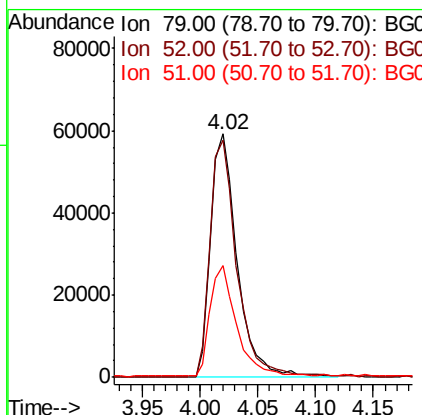
#3
 Pvridine
 Concen: 27.555 ng
 RT: 4.02 min Scan# 158
 Delta R.T. 0.00 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Tot Ion	Ratio	Lower	Upper
79	100		
52	97.3	82.6	124.0
51	46.1	37.5	56.3

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMS

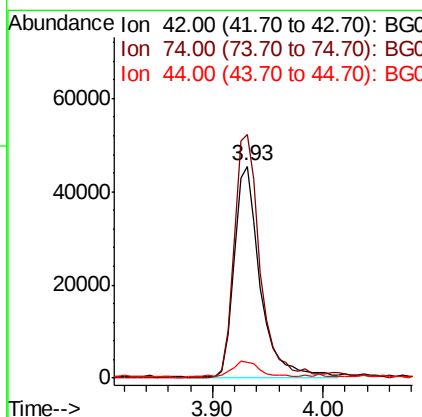
Manual Integrations
 APPROVED

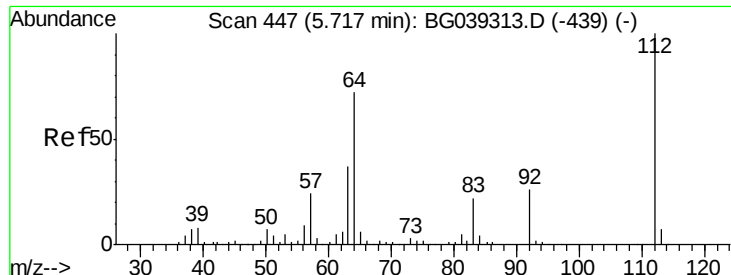
Sohil
 2/18/2019 12:14:19 PM



#4
 n-Nitrosodimethylamine
 Concen: 43.206 ng
 RT: 3.93 min Scan# 143
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.9	83.6	125.4
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 140.585 ng

RT: 5.72 min Scan# 447

Delta R.T. 0.00 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

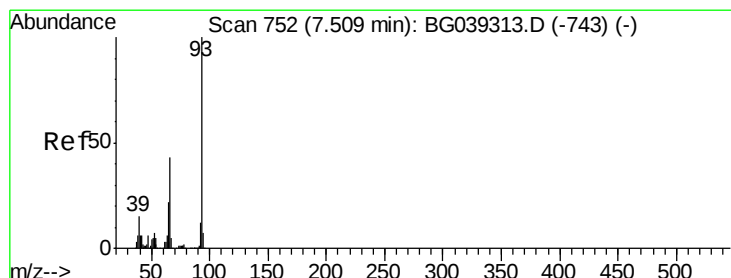
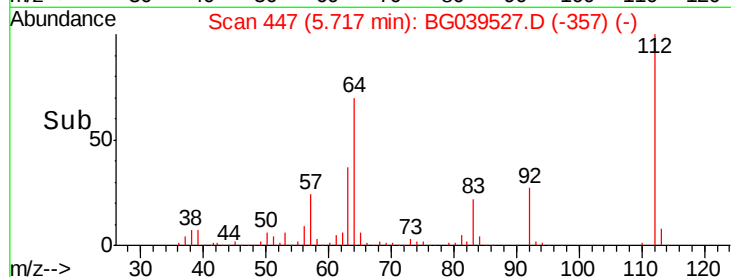
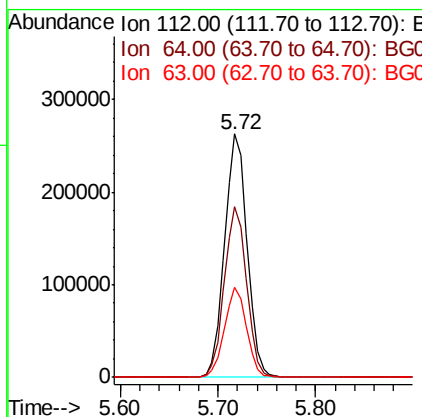
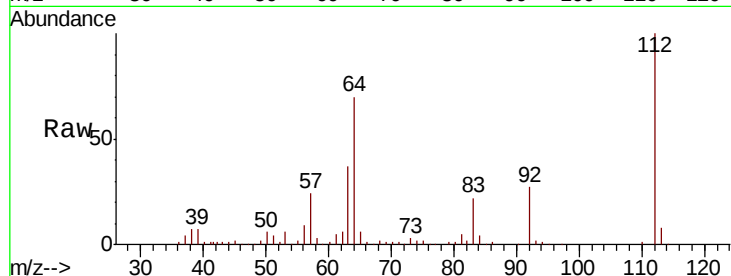
ClientSampleId :

CL-01-021419-AMS

Tot Ion:	112	Resp:	419313
Ion Ratio	Lower	Upper	
112	100		
64	70.2	57.8	86.8
63	37.0	29.8	44.6

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#6

Aniline

Concen: 13.000 ng

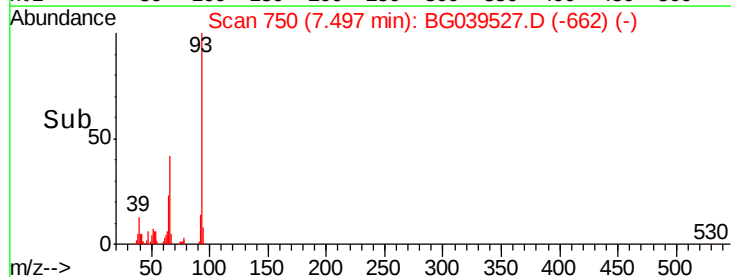
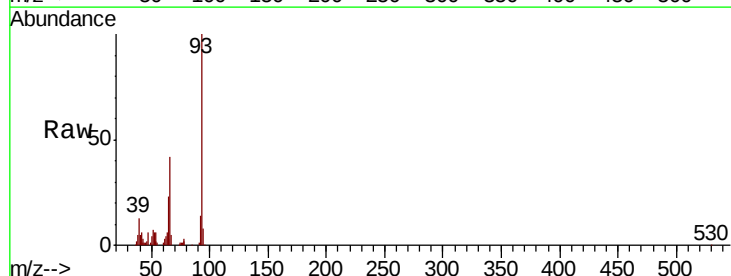
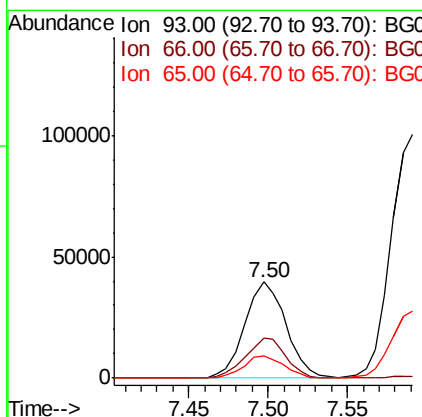
RT: 7.50 min Scan# 750

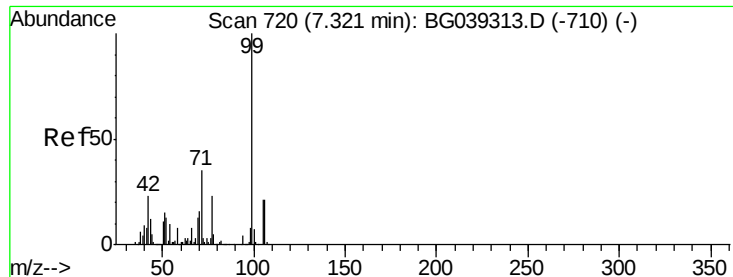
Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Tgt Ion:	93	Resp:	71491
Ion Ratio	Lower	Upper	
93	100		
66	42.3	34.2	51.4
65	22.9	17.7	26.5





#7

Phenol-d6

Concen: 132.964 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

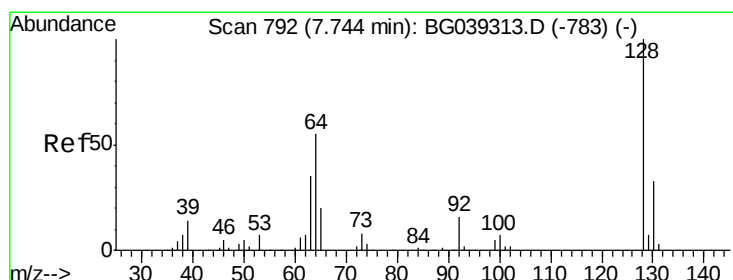
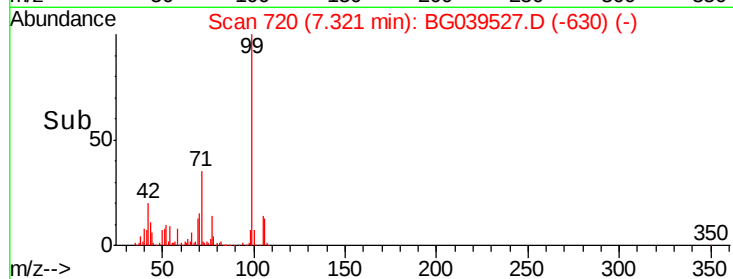
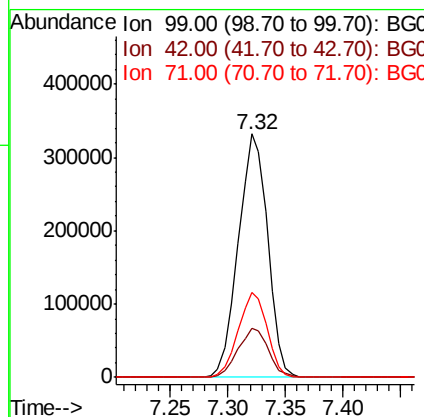
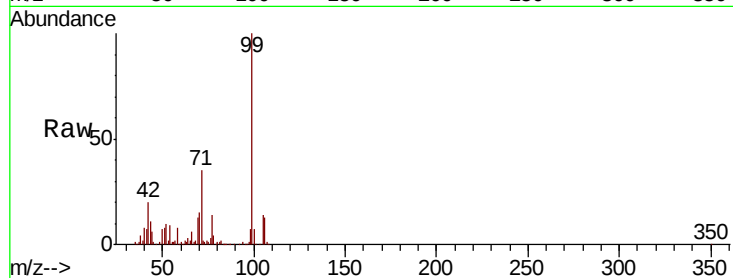
ClientSampleId :

CL-01-021419-AMS

Tot Ion:	99	Resp:	583758
Ion Ratio	Lower	Upper	
99	100		
42	20.1	18.2	27.2
71	34.9	28.0	42.0

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#8

2-Chlorophenol

Concen: 51.048 ng

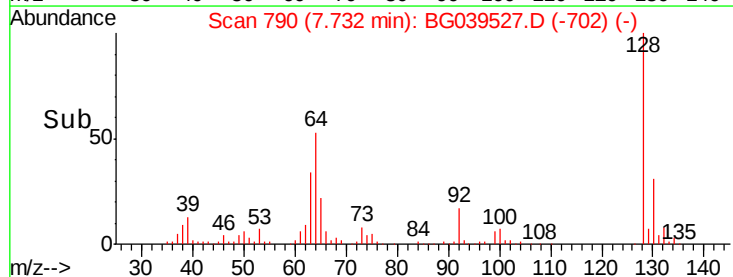
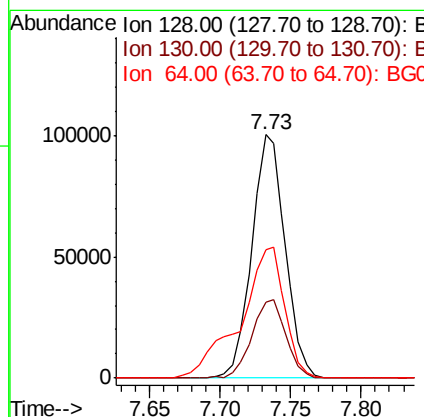
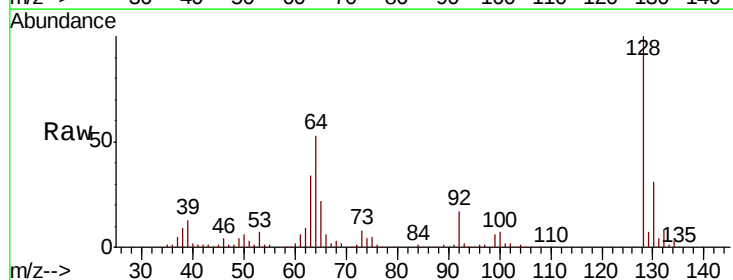
RT: 7.73 min Scan# 790

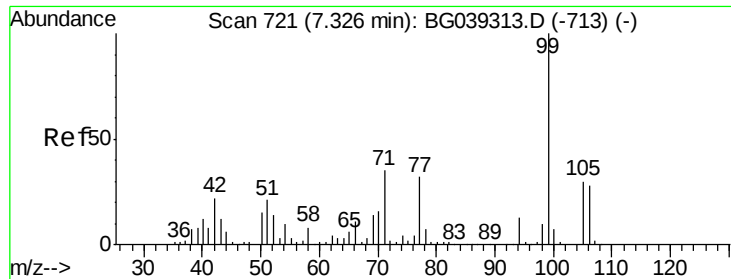
Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Tgt Ion:	128	Resp:	166433
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.9	52.9
64	52.7	38.7	78.7





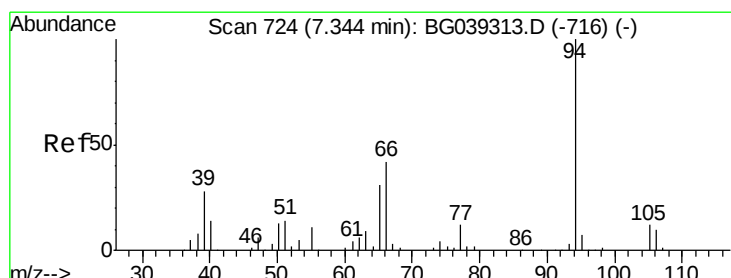
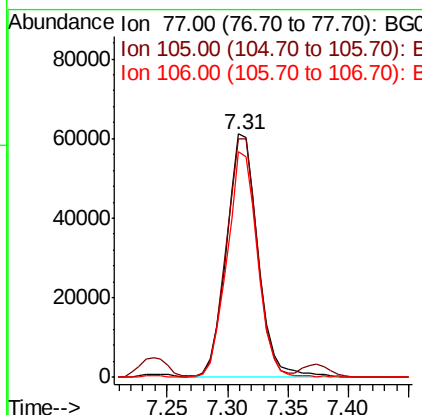
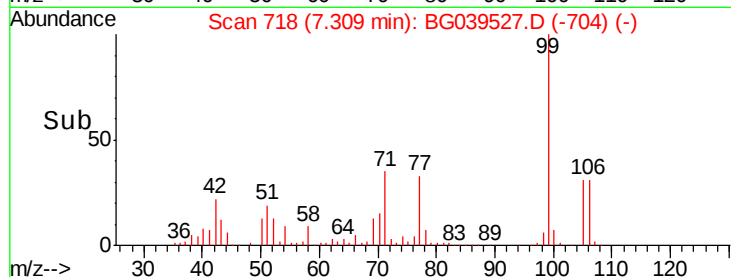
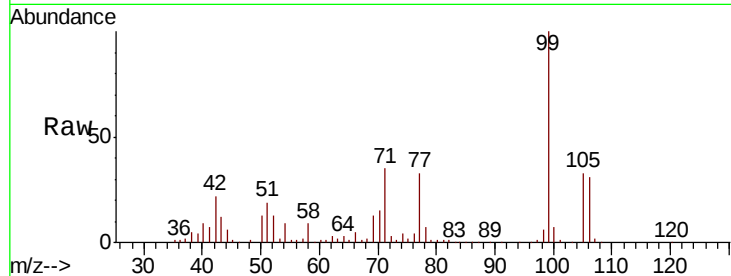
#9
Benzaldehyde
Concen: 57.039 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.0	74.5	114.5
106	92.6	68.0	108.0

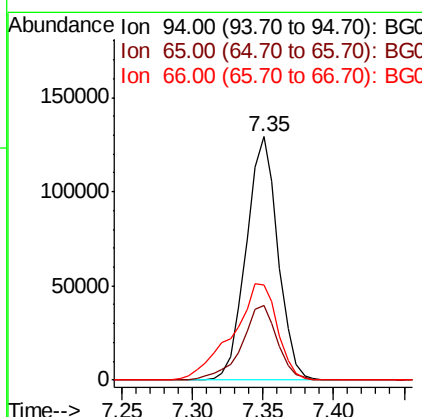
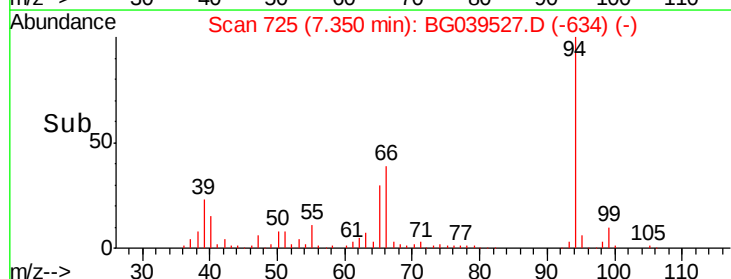
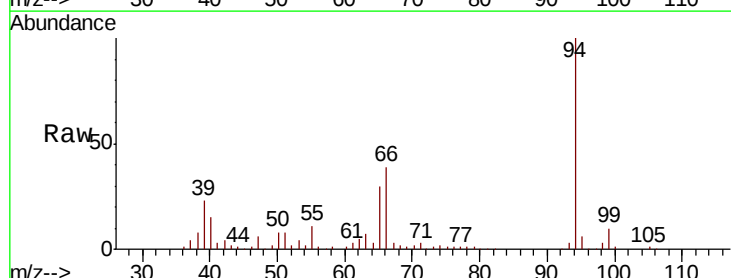
Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#10
Phenol
Concen: 44.561 ng
RT: 7.35 min Scan# 725
Delta R.T. 0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.4	11.7	51.7
66	38.9	23.7	63.7





#11

bis(2-Chloroethyl)ether

Concen: 43.549 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

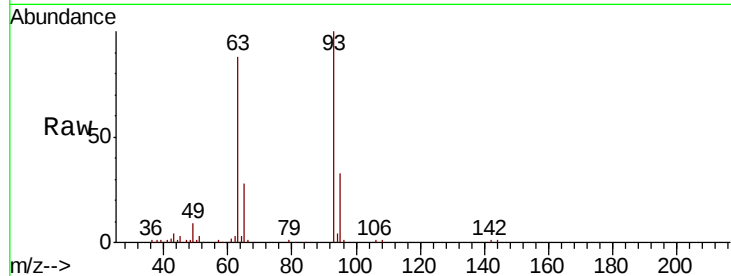
ClientSampleId :

CL-01-021419-AMS

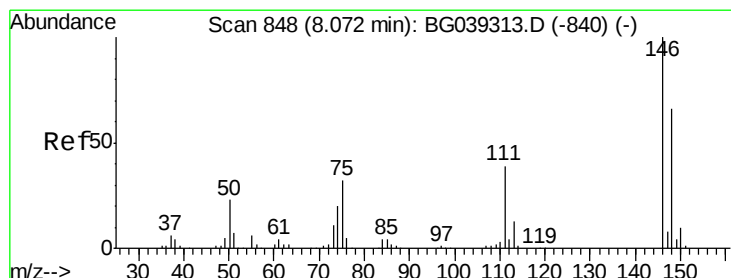
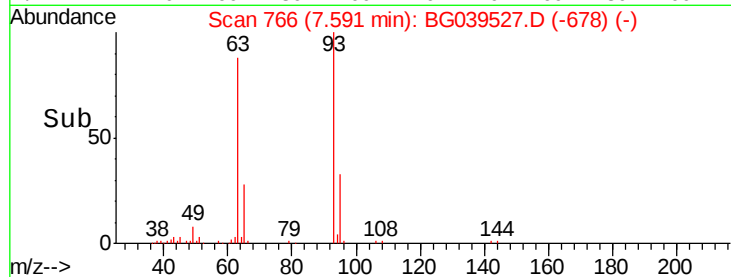
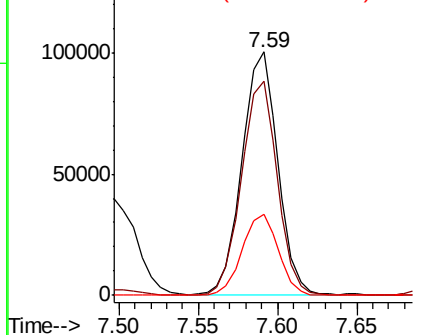
Tot Ion:	93	Resp:	157489
Ion	Ratio	Lower	Upper
93	100		
63	88.0	69.5	109.5
95	33.3	12.7	52.7

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.828 ng

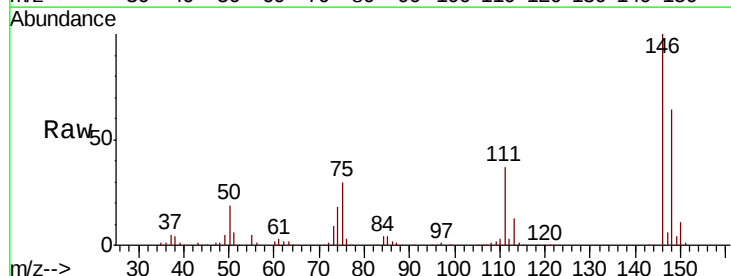
RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

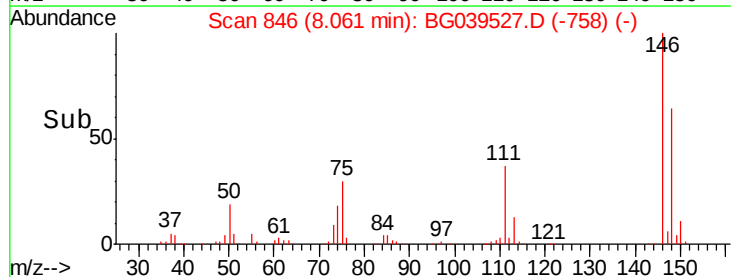
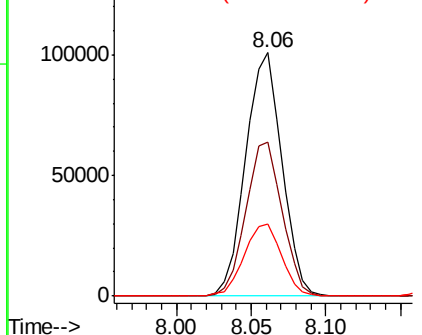
Lab File: BG039527.D

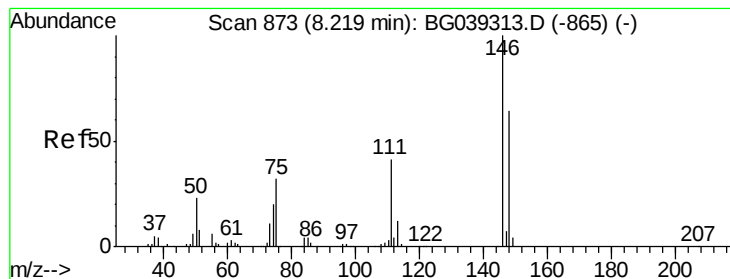
Acq: 15 Feb 2019 18:46

Tgt Ion:	146	Resp:	169152
Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.6	79.0
75	29.6	25.8	38.6



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 44.250 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

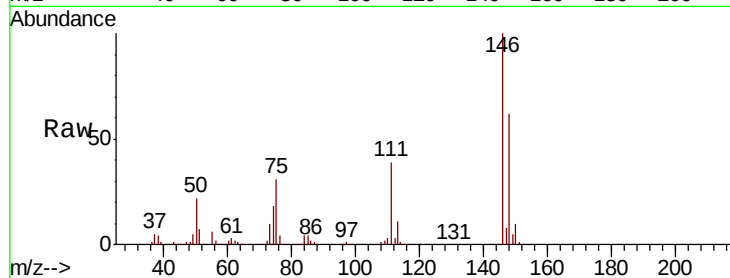
ClientSampleId :

CL-01-021419-AMS

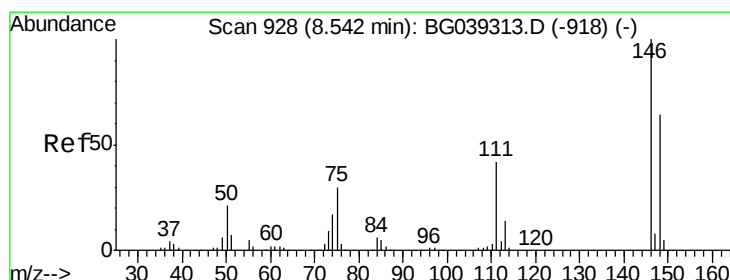
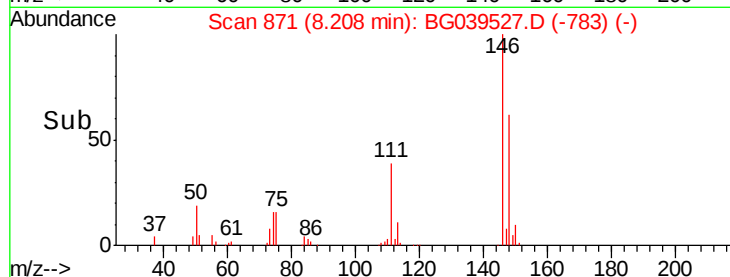
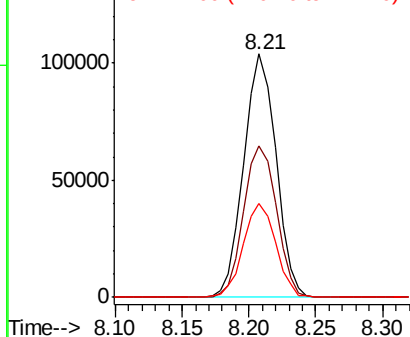
Tot Ion:	146	Resp:	174198
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.1	76.7
111	38.6	32.6	48.8

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.293 ng

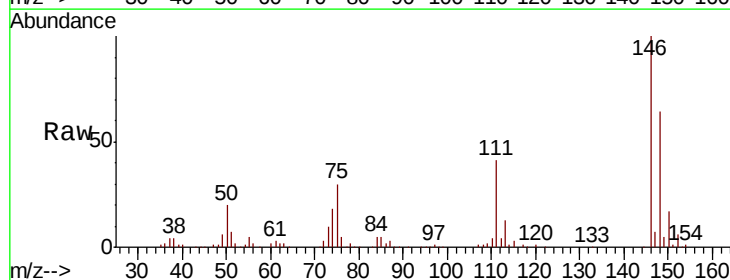
RT: 8.53 min Scan# 925

Delta R.T. -0.02 min

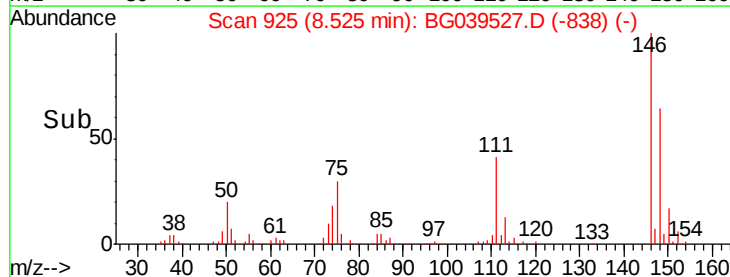
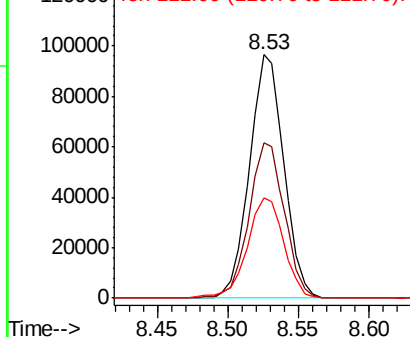
Lab File: BG039527.D

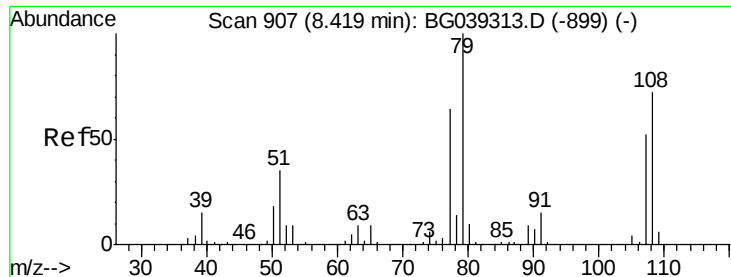
Acq: 15 Feb 2019 18:46

Tgt Ion:	146	Resp:	164988
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.5	77.3
111	41.2	33.8	50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.106 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

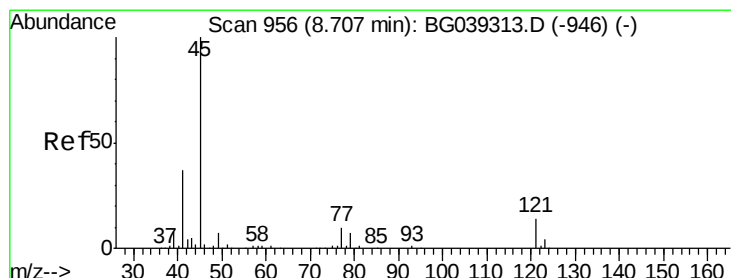
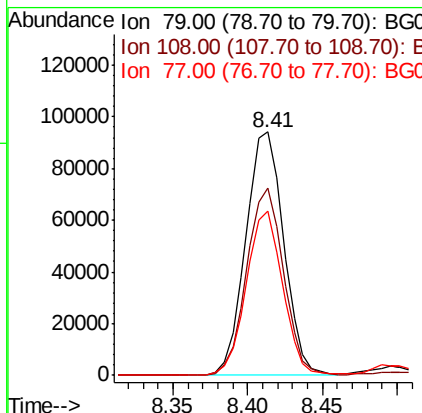
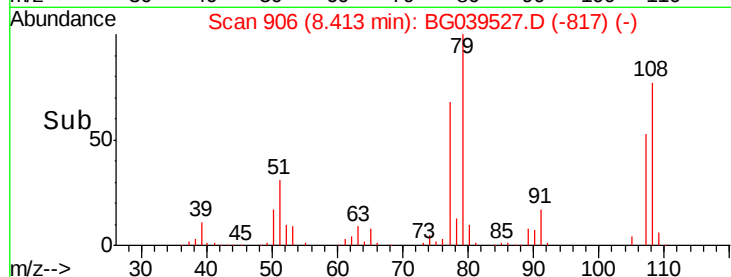
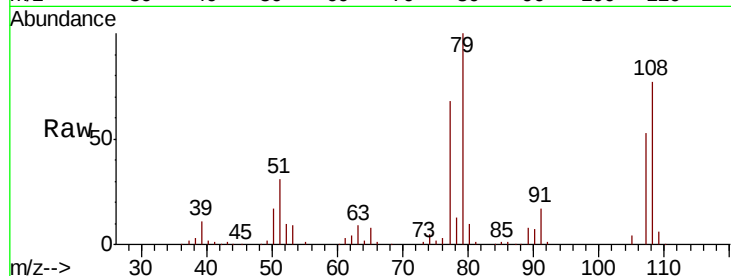
ClientSampleId :

CL-01-021419-AMS

Tot Ion:	79	Resp:	165813
Ion Ratio	Lower	Upper	
79	100		
108	76.9	57.8	86.6
77	67.5	51.1	76.7

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.792 ng

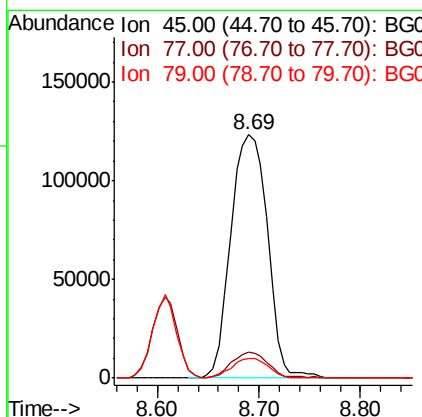
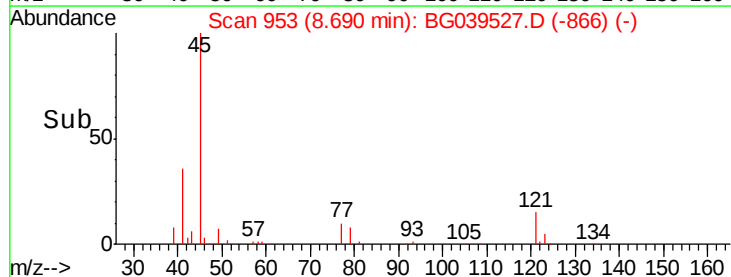
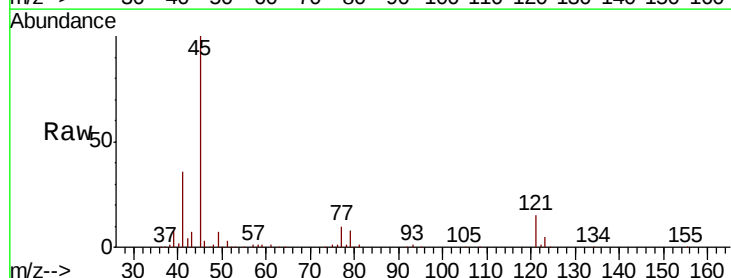
RT: 8.69 min Scan# 953

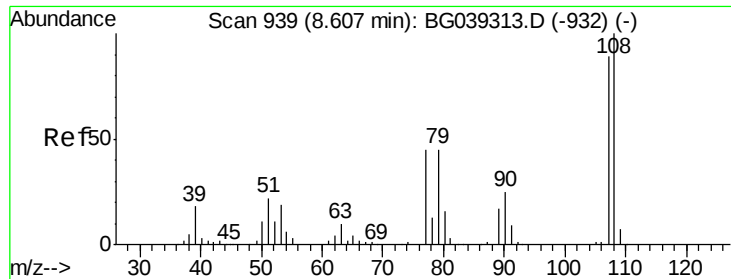
Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Tgt Ion:	45	Resp:	308634
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	30.0
79	8.2	0.0	27.5





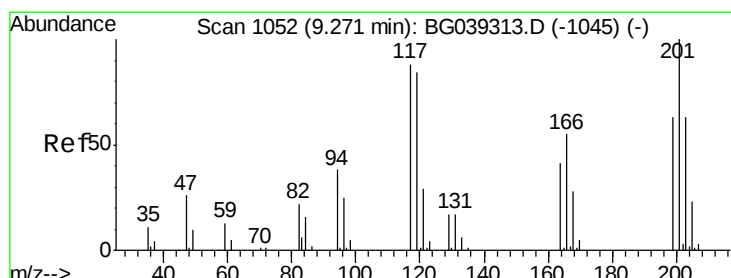
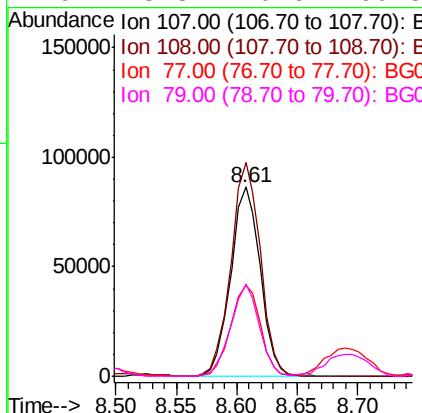
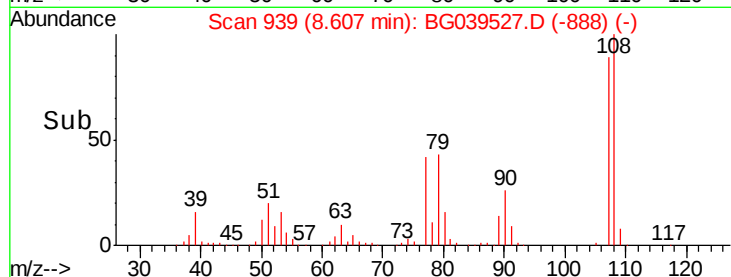
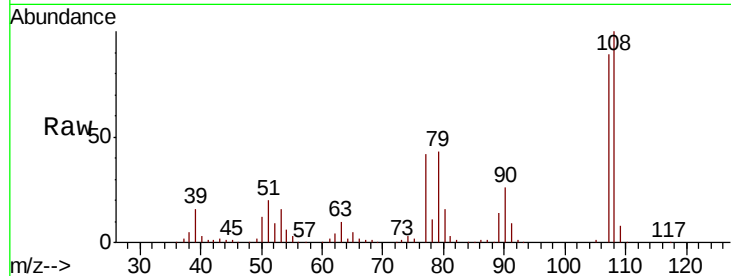
#17
2-Methylphenol
Concen: 49.962 ng
RT: 8.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion:	107	Resp:	147970
Ion Ratio	Lower	Upper	
107	100		
108	112.8	90.8	136.2
77	47.7	40.7	61.1
79	48.8	40.6	60.8

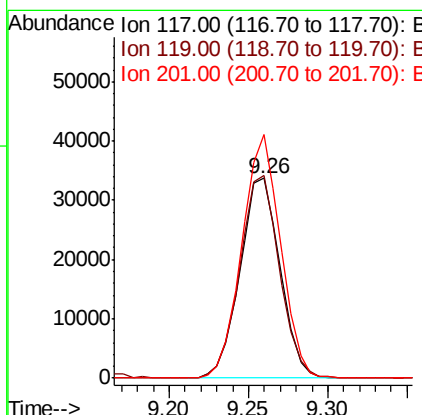
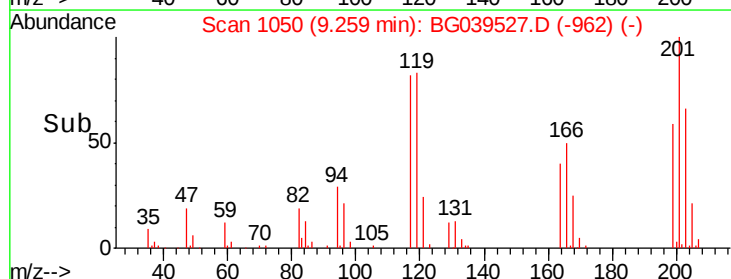
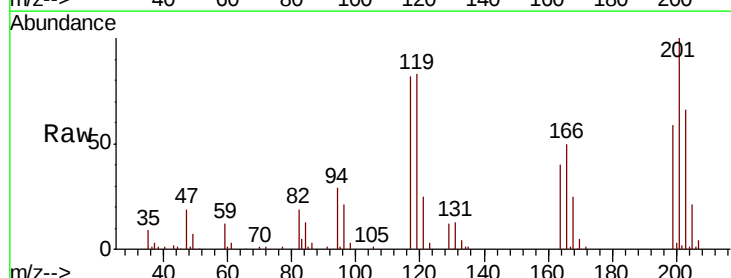
Manual Integrations
APPROVED

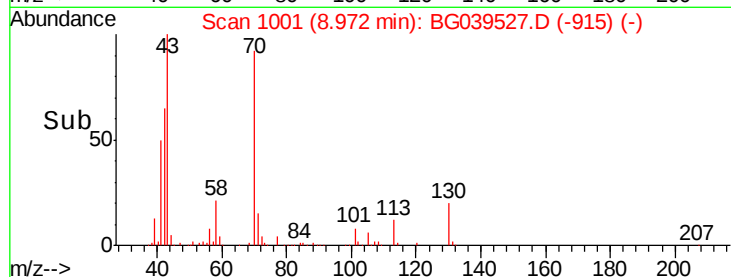
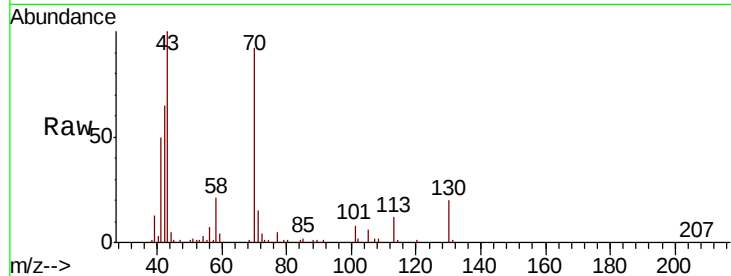
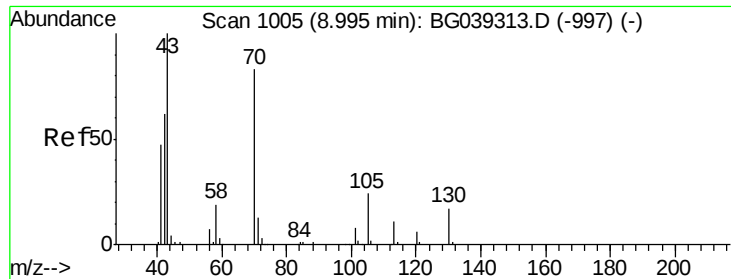
Sohil
2/18/2019 12:14:19 PM



#18
Hexachloroethane
Concen: 43.538 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion:	117	Resp:	58966
Ion Ratio	Lower	Upper	
117	100		
119	101.6	76.3	114.5
201	121.9	91.1	136.7





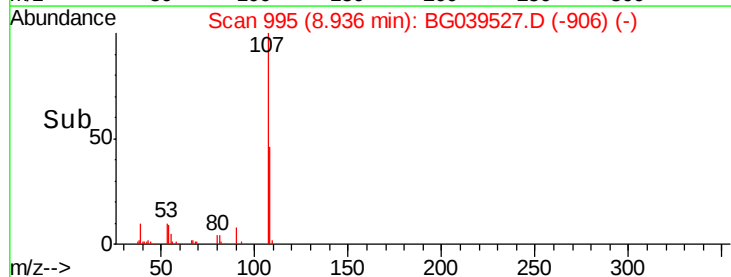
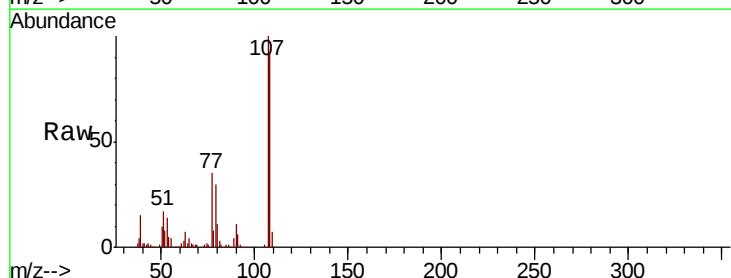
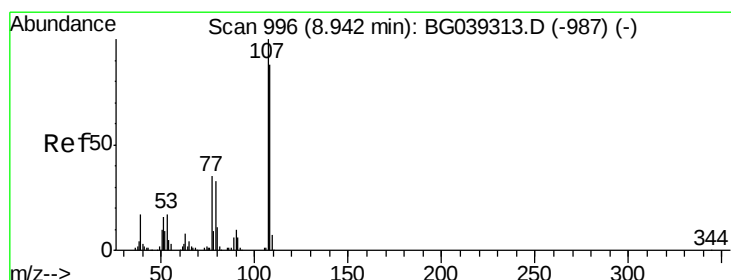
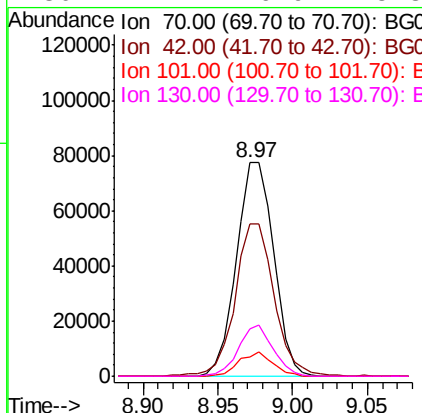
#19
n-Nitroso-di-n-propylamine
Concen: 43.152 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	71.2	60.4	90.6		
101	9.1	7.5	11.3		
130	22.1	16.9	25.3		

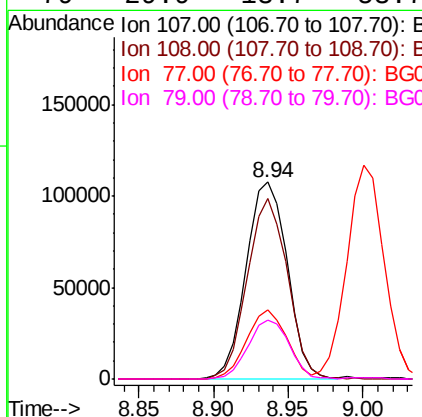
Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#20
3+4-Methylphenols
Concen: 50.322 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.7	67.9	107.9		
77	35.3	15.4	55.4		
79	29.9	13.7	53.7		





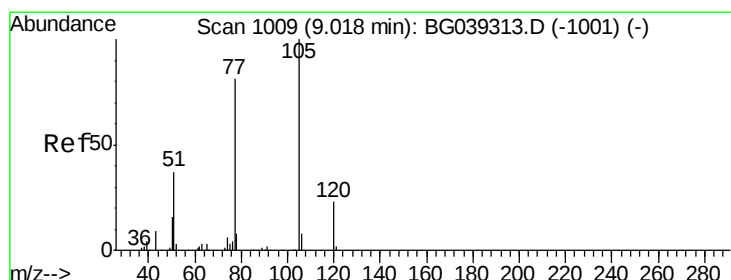
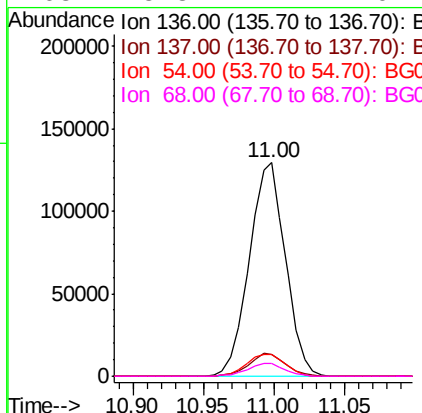
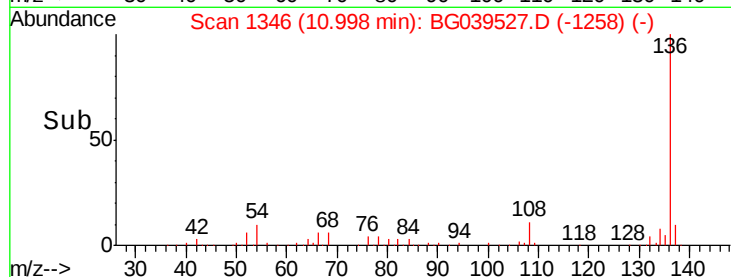
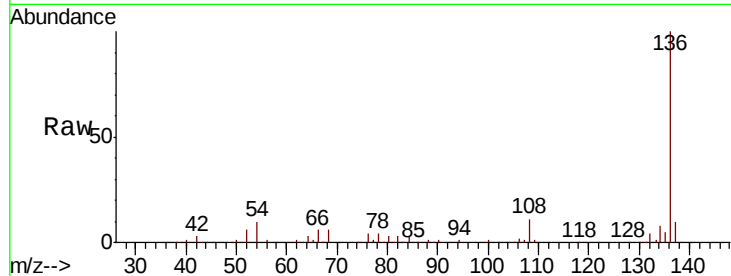
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	232542		
137	10.3		9.1	13.7
54	10.2		9.4	14.2
68	5.8		4.2	6.4

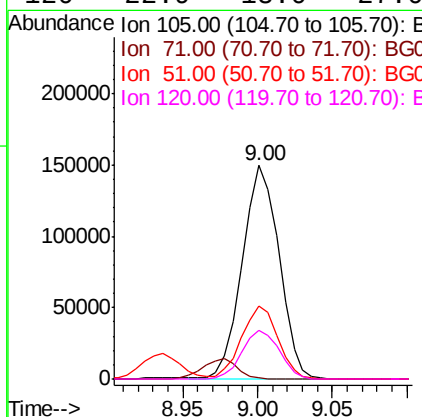
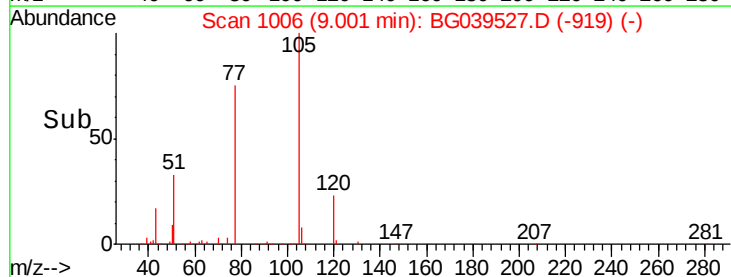
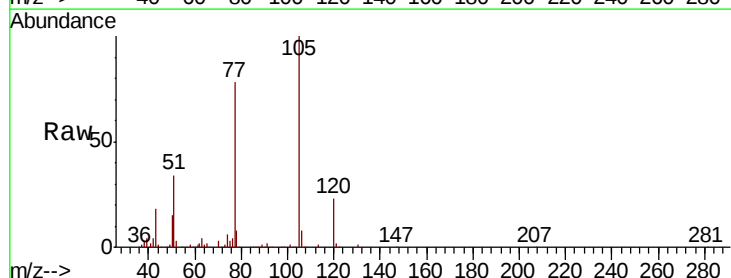
Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#22
Acetophenone
Concen: 41.049 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	256411		
71	0.4		0.8	1.2#
51	34.1		30.2	45.2
120	22.9		18.0	27.0





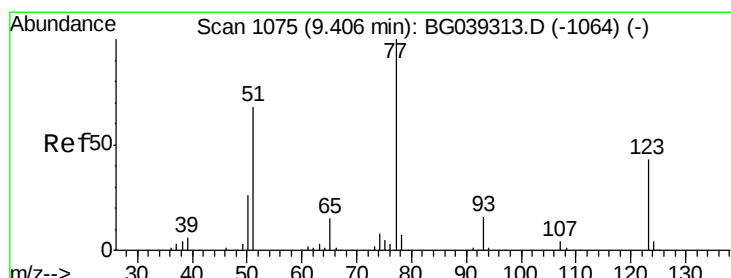
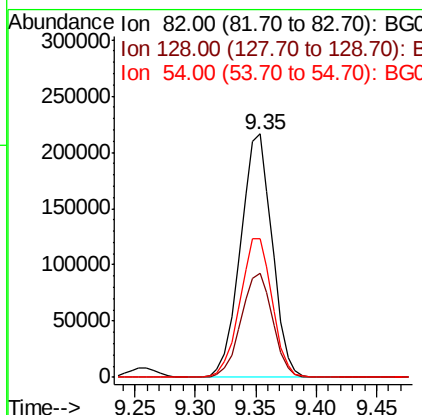
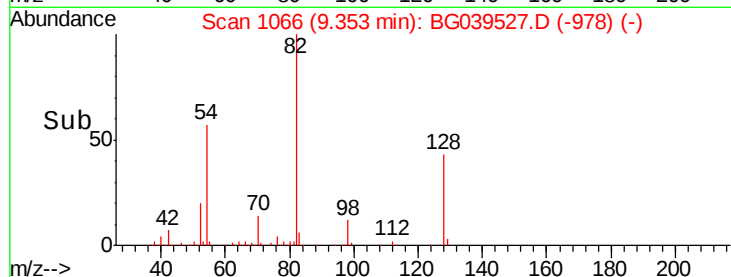
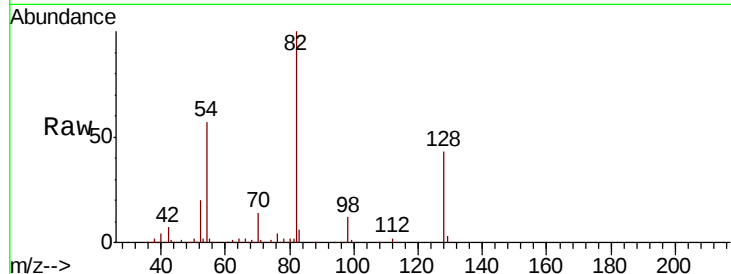
#23
Nitrobenzene-d5
Concen: 106.392 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	396030		
128	43.0	31.3	46.9	
54	57.1	50.9	76.3	

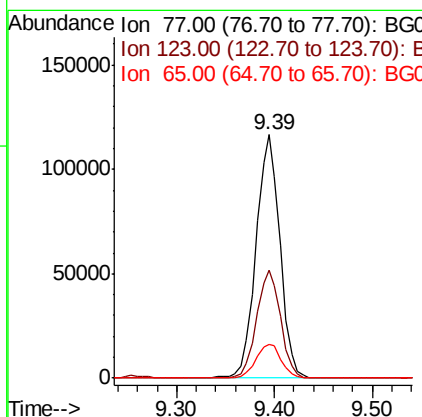
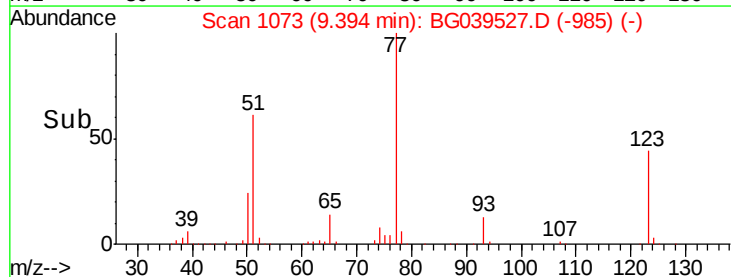
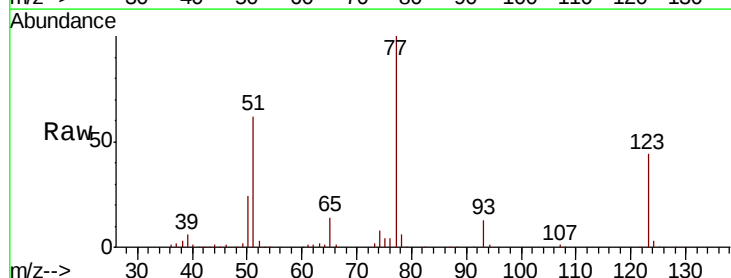
Manual Integrations
APPROVED

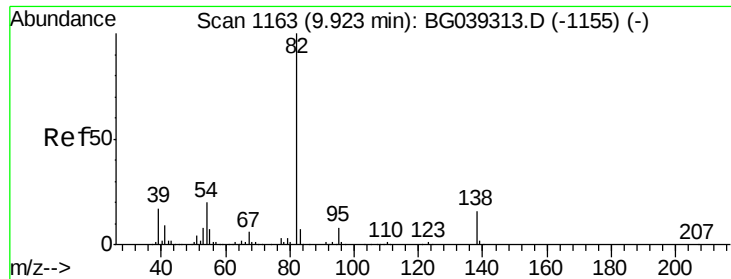
Sohil
2/18/2019 12:14:19 PM



#24
Nitrobenzene
Concen: 49.881 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	200590		
123	44.1	34.1	51.1	
65	13.8	12.3	18.5	





#25

Isophorone

Concen: 46.924 ng

RT: 9.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

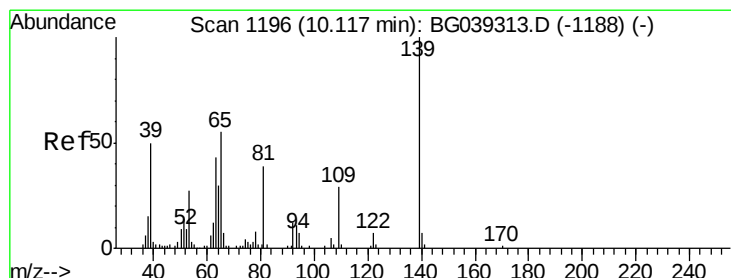
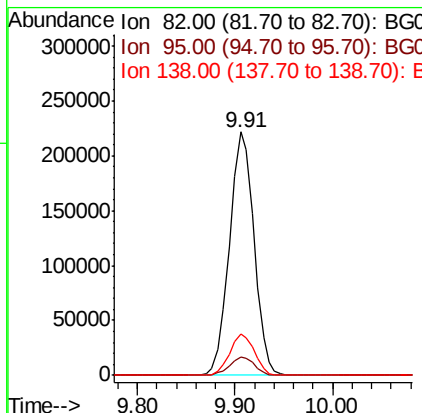
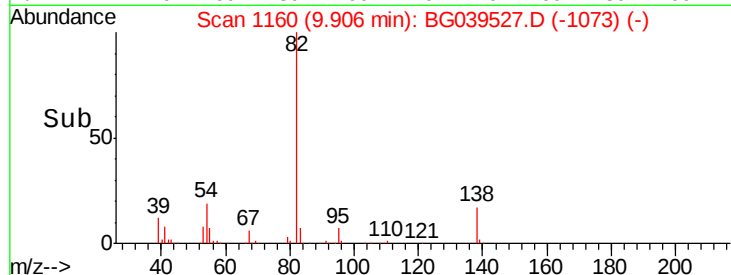
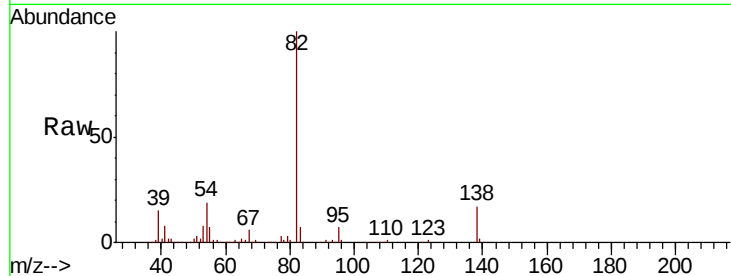
ClientSampleId :

CL-01-021419-AMS

Tot Ion:	82	Resp:	387061
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.2	9.2
138	17.1	13.0	19.4

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#26

2-Nitrophenol

Concen: 59.139 ng

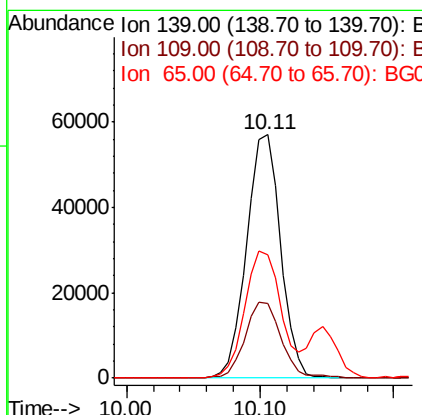
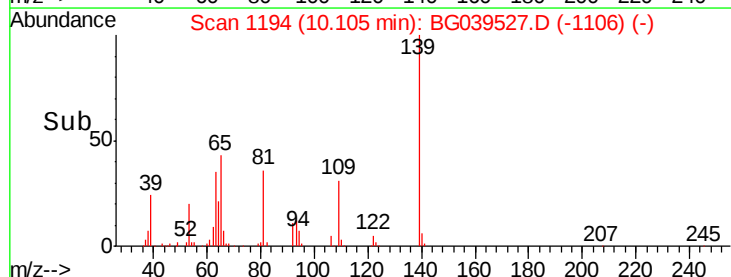
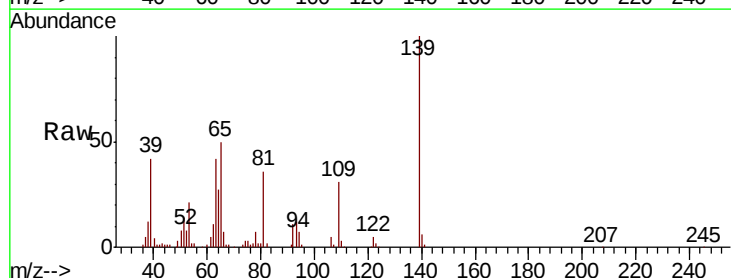
RT: 10.11 min Scan# 1194

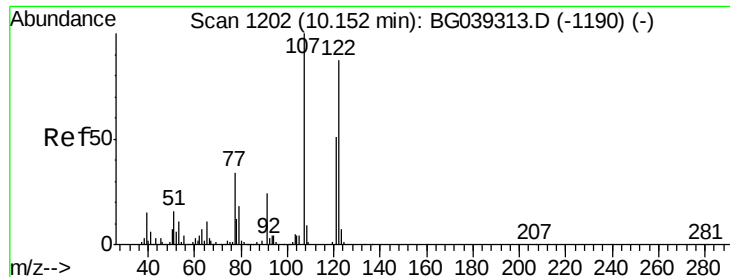
Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Tgt Ion:	139	Resp:	100214
Ion Ratio	Lower	Upper	
139	100		
109	30.6	23.4	35.0
65	50.4	44.3	66.5





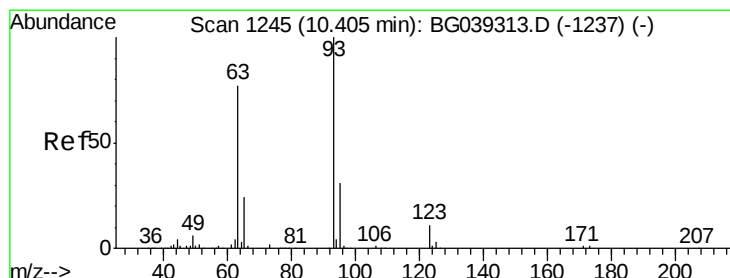
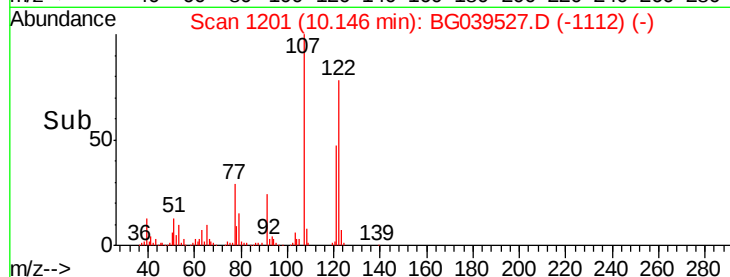
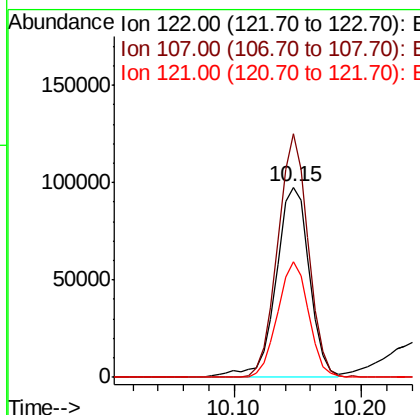
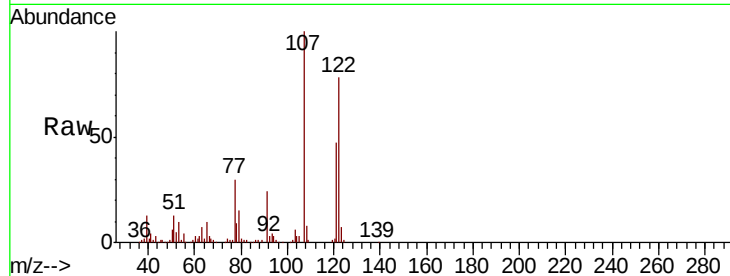
#27
2,4-Dimethylphenol
Concen: 53.546 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.8	91.7	137.5
121	60.4	46.4	69.6

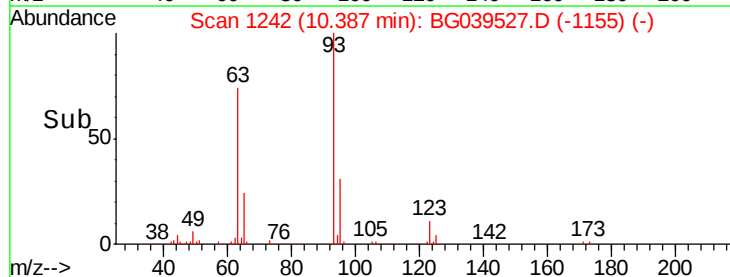
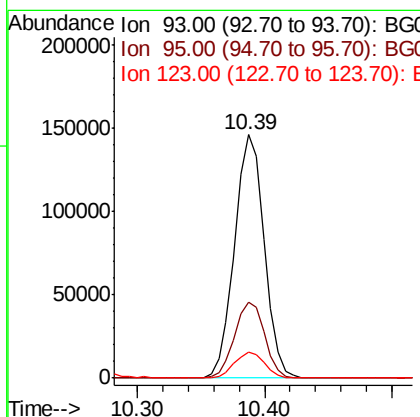
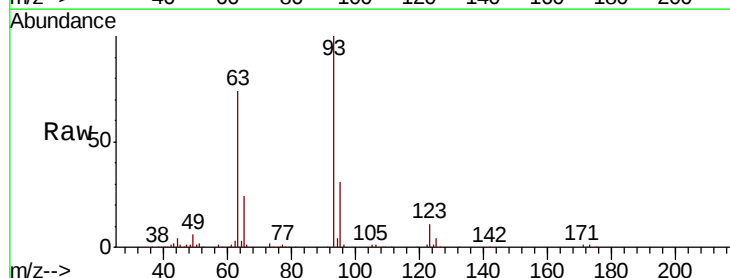
Manual Integrations
APPROVED

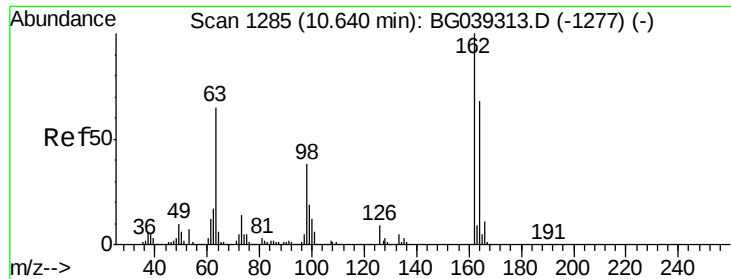
Sohil
2/18/2019 12:14:19 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.316 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	25.0	37.4
123	10.7	8.6	12.8





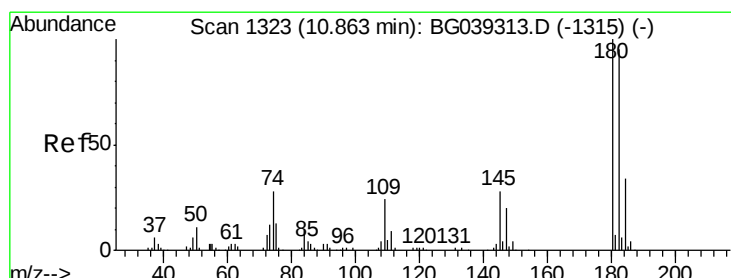
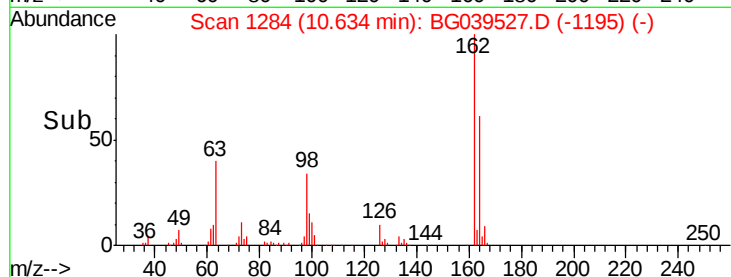
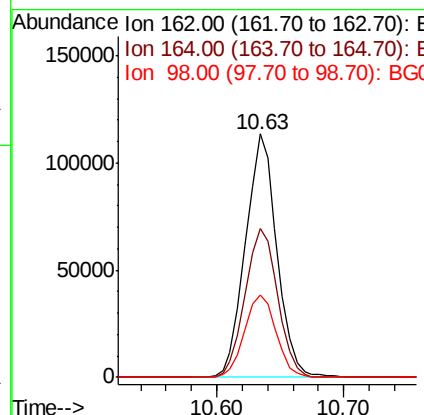
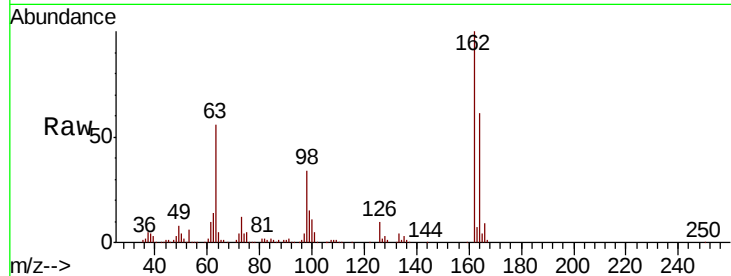
#29
 2,4-Dichlorophenol
 Concen: 53.357 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMS

Tot Ion:	162	Resp:	194588
Ion Ratio	Lower	Upper	
162	100		
164	61.2	48.1	88.1
98	33.6	18.1	58.1

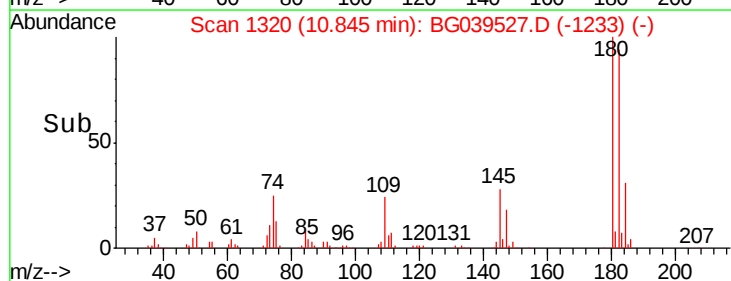
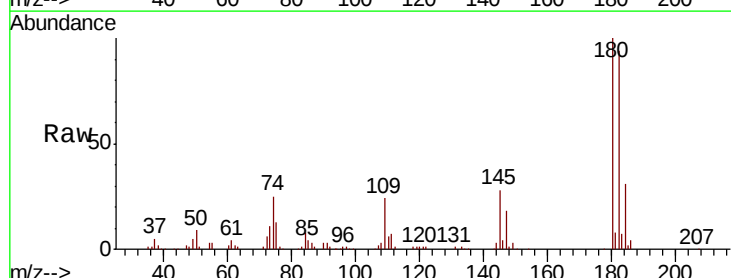
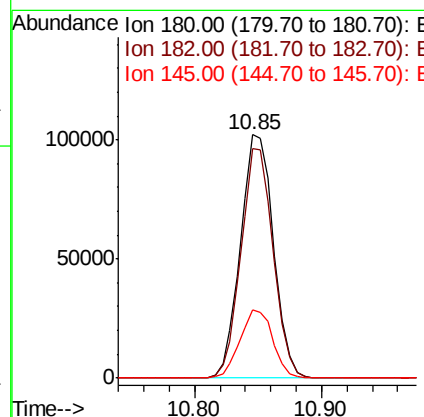
Manual Integrations
 APPROVED

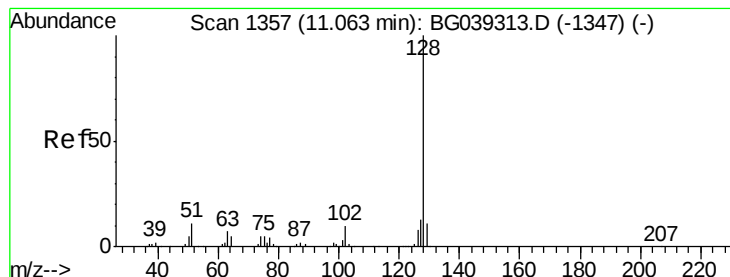
Sohil
 2/18/2019 12:14:19 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.817 ng
 RT: 10.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Tgt Ion:	180	Resp:	183500
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.0	114.0
145	27.9	22.7	34.1





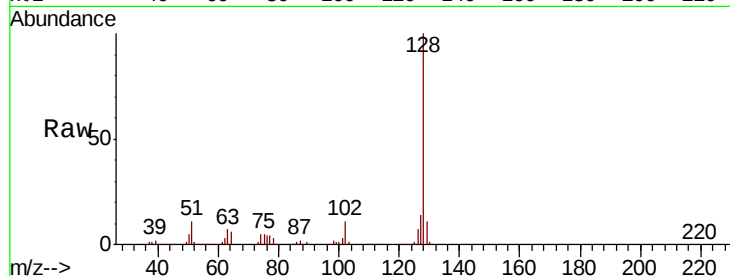
#31
Naphthalene
Concen: 46.409 ng
RT: 11.05 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	8.7	13.1	
127	13.9	10.8	16.2	

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM

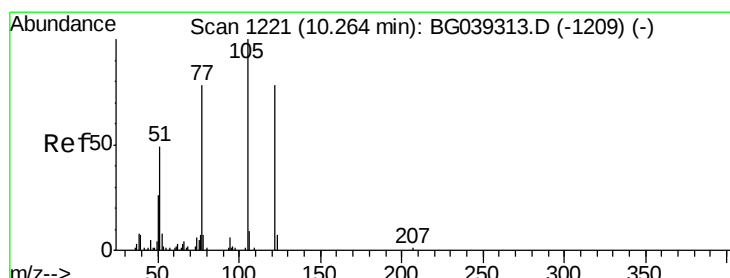
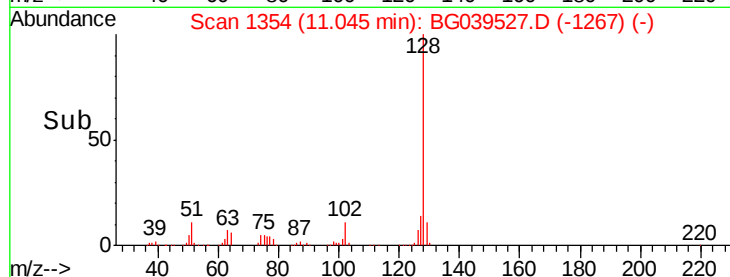
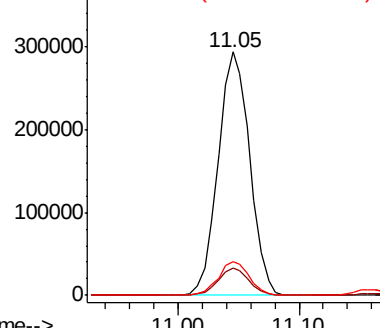


Abundance

Ion 128.00 (127.70 to 128.70): E

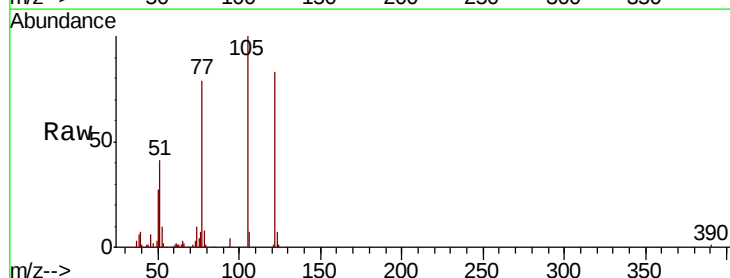
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 51.240 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.4	101.8	141.8	
77	95.7	76.3	116.3	

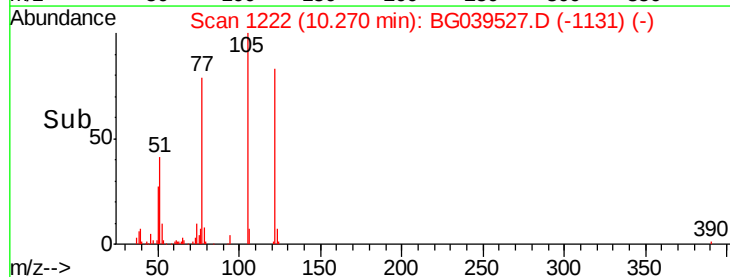
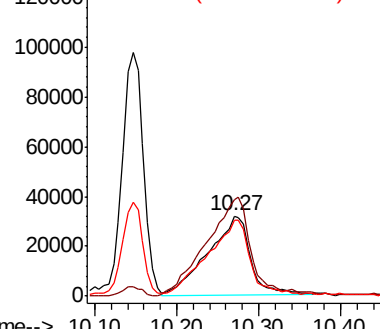


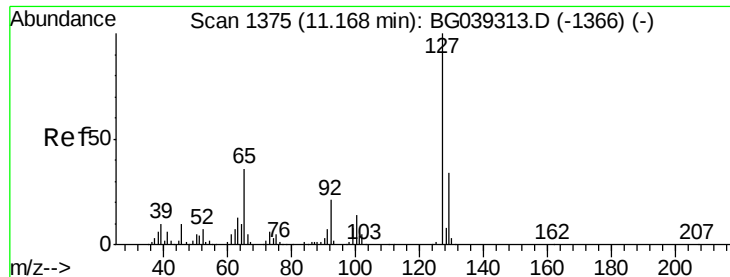
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





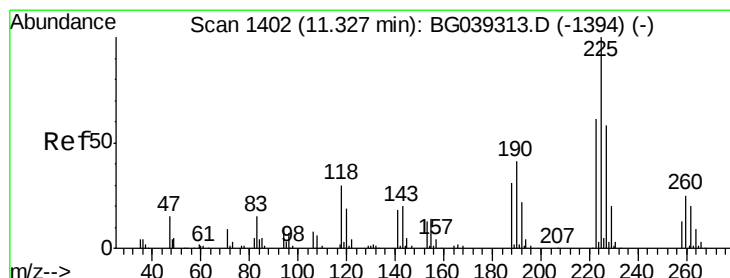
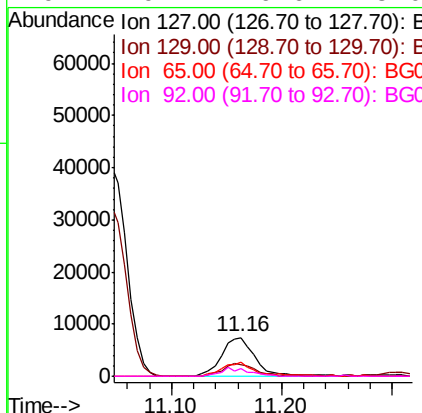
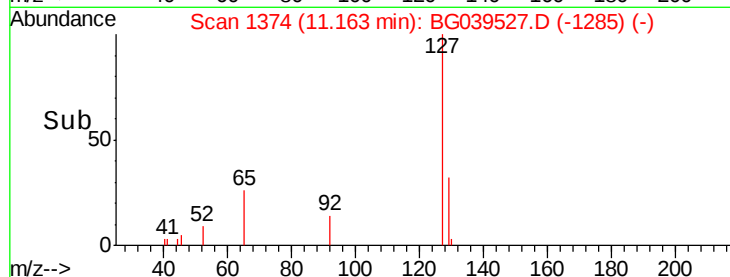
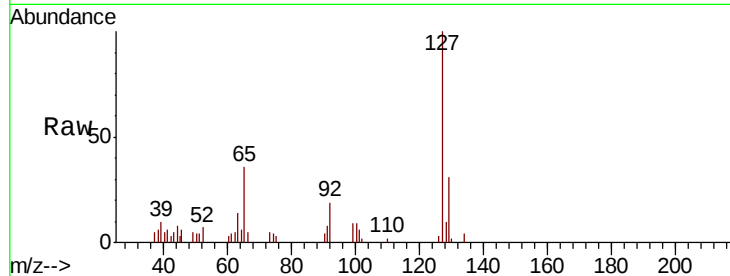
#33
4-Chloroaniline
Concen: 2.938 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		15715		
129	30.9	27.0	40.4		
65	35.9	28.8	43.2		
92	19.2	16.6	25.0		

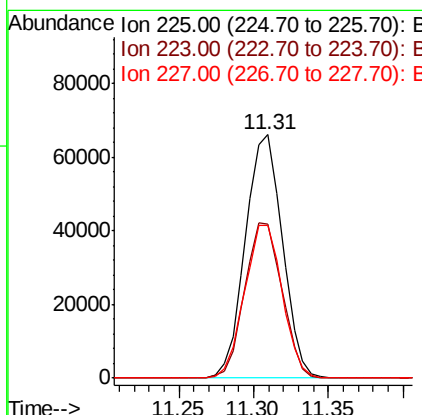
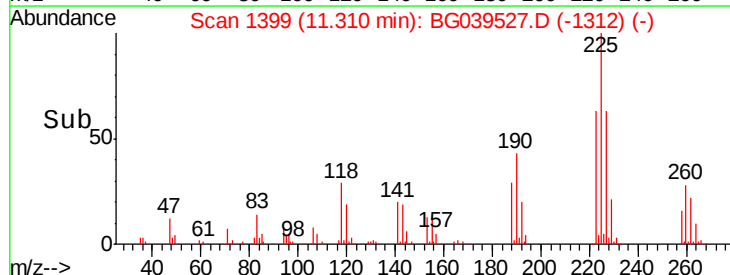
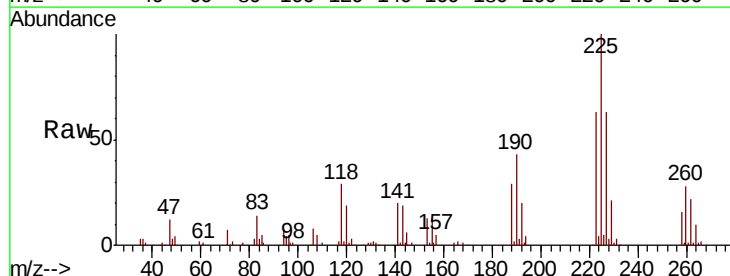
Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#34
Hexachlorobutadiene
Concen: 41.663 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		113444		
223	63.3	49.0	73.6		
227	62.6	46.3	69.5		





#35

Caprolactam

Concen: 35.845 ng/ml

RT: 11.94 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

Tot Ion:113 Resp: 54094

Ion Ratio Lower Upper

113 100

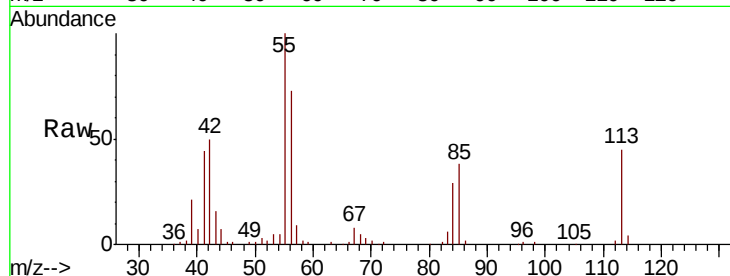
55 221.1 216.9 256.9

56 160.9 152.6 192.6

Manual Integrations
APPROVED

Sohil

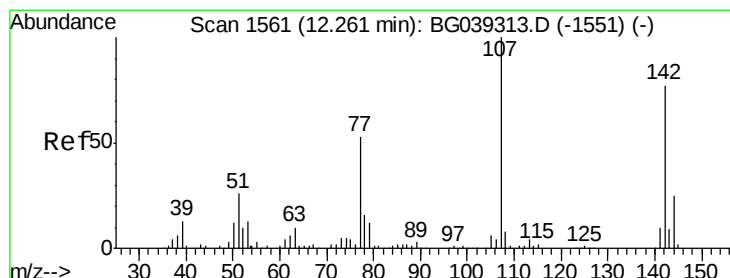
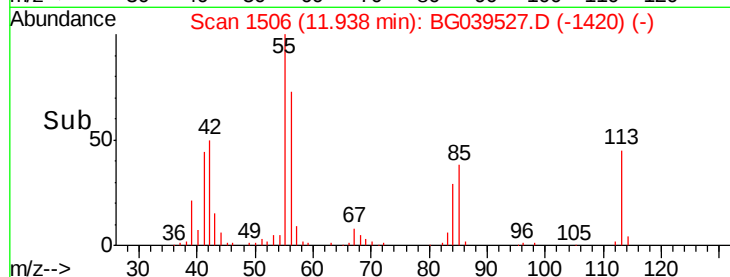
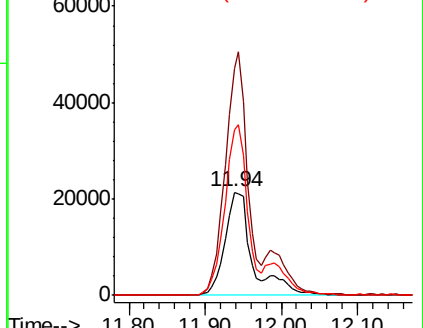
2/18/2019 12:14:19 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039313.D (-1500) (-)

Ion 56.00 (55.70 to 56.70): BG039313.D (-1500) (-)



#36

4-Chloro-3-methylphenol

Concen: 49.380 ng/ml

RT: 12.26 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

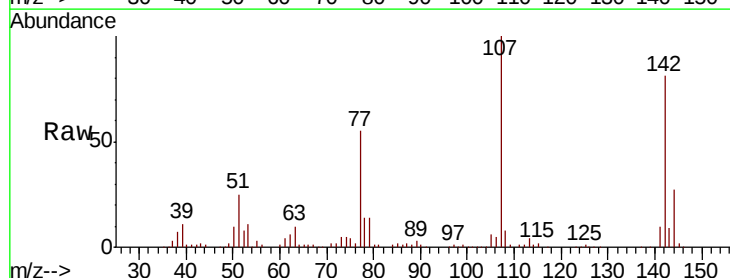
Tgt Ion:107 Resp: 208268

Ion Ratio Lower Upper

107 100

144 27.2 20.2 30.2

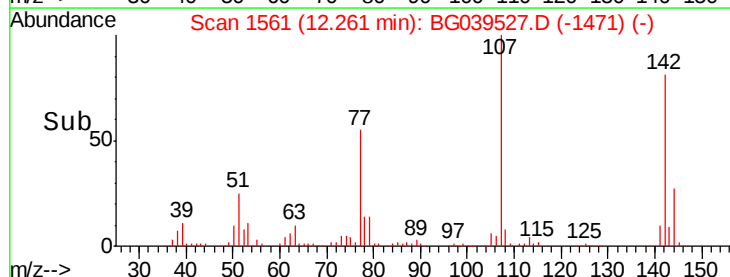
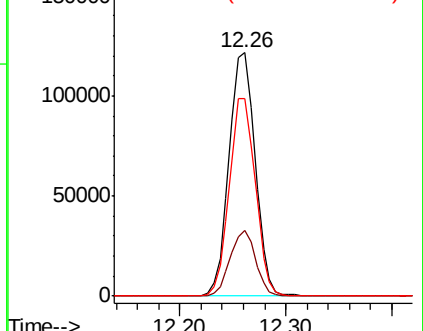
142 81.0 61.4 92.2

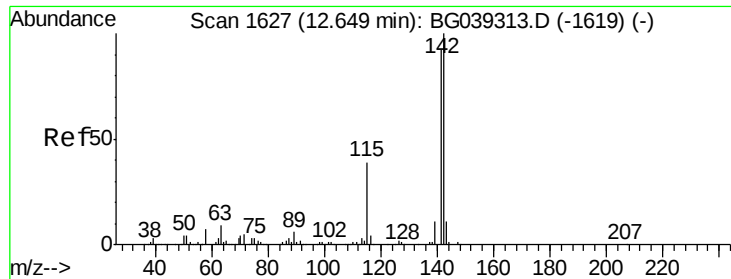


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





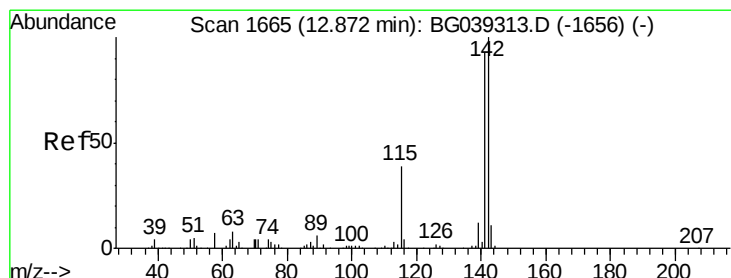
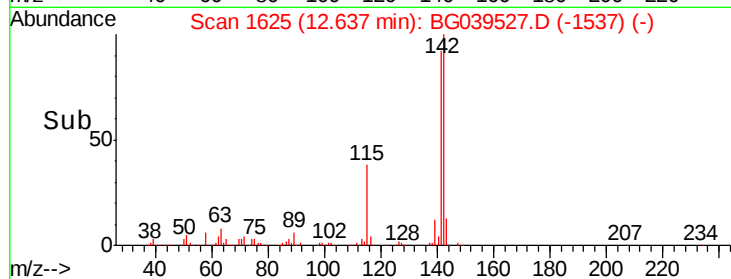
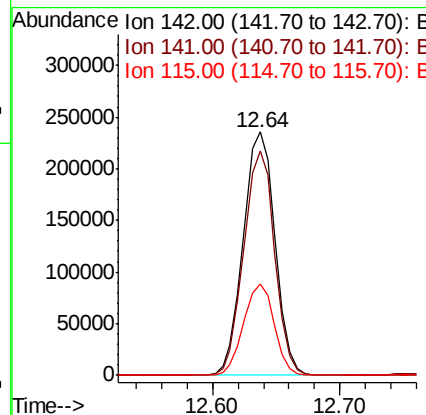
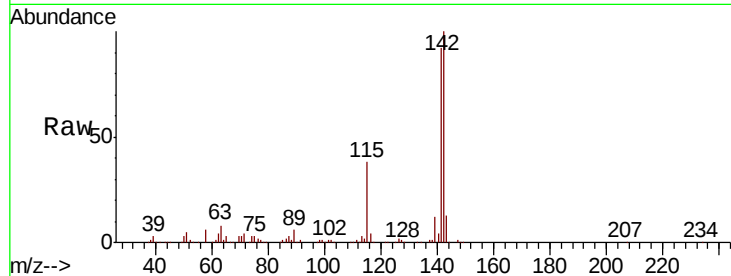
#37
2-Methylnaphthalene
Concen: 47.884 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.5	110.3
115	37.6	30.8	46.2

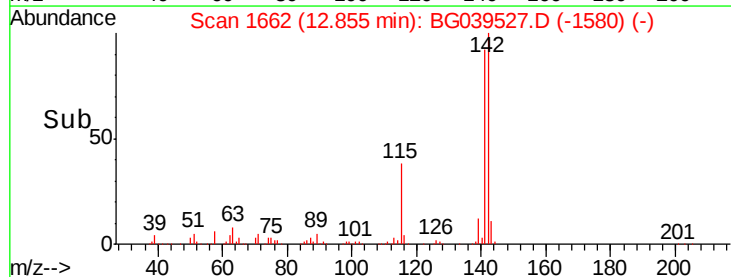
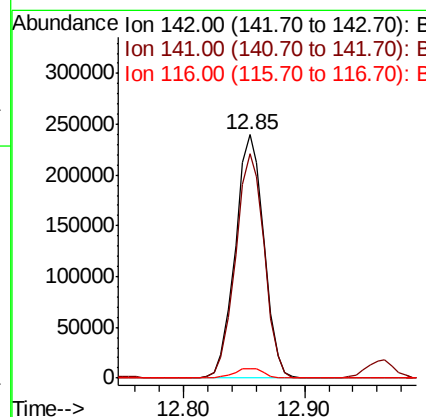
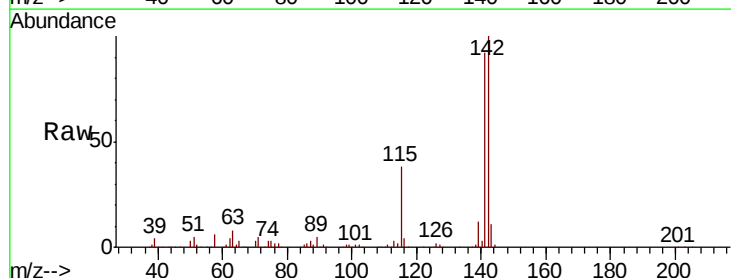
Manual Integrations
APPROVED

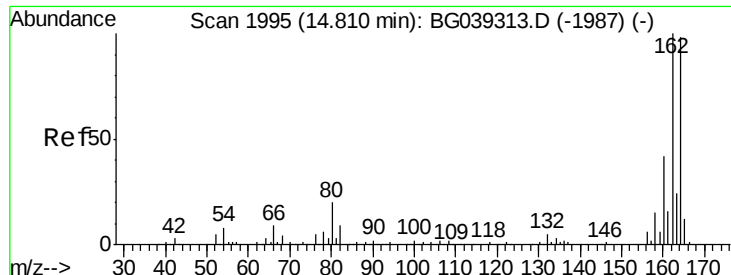
Sohil
2/18/2019 12:14:19 PM



#38
1-Methylnaphthalene
Concen: 47.895 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

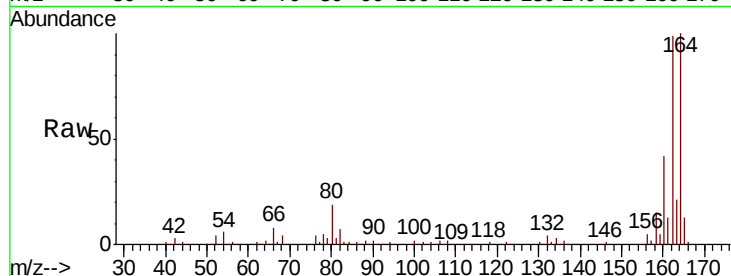
ClientSampleId :

CL-01-021419-AMS

Tot Ion:	164	Resp:	162541
Ion Ratio	Lower	Upper	
164	100		
162	98.5	81.6	122.4
160	42.2	34.2	51.2

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM

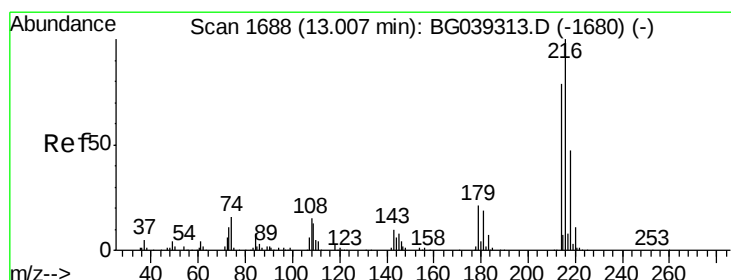
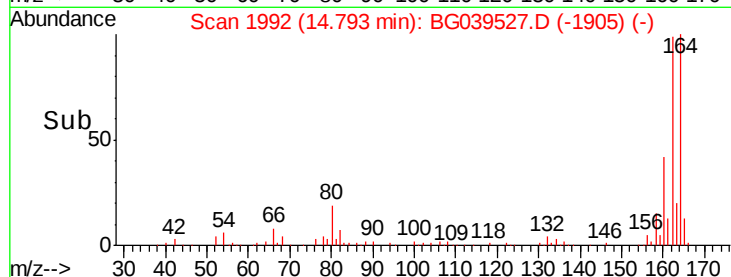
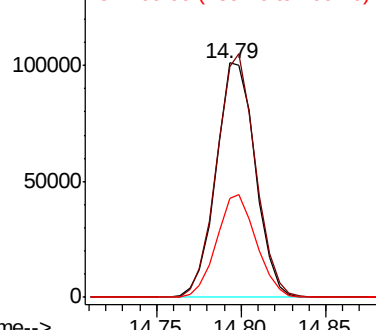


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.910 ng

RT: 13.00 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Tgt Ion:	216	Resp:	221910
Ion Ratio	Lower	Upper	
216	100		
214	80.2	62.6	94.0
179	20.8	16.6	25.0
108	18.1	14.0	21.0

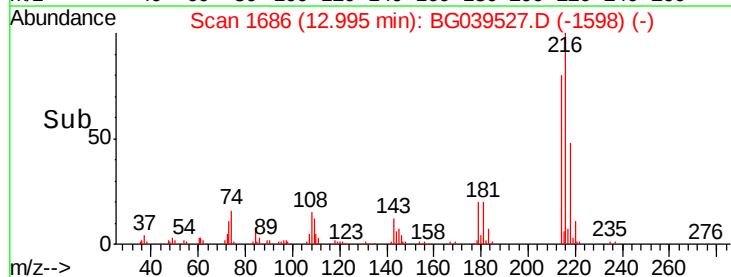
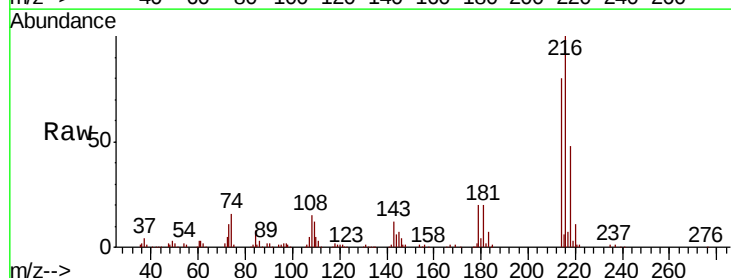
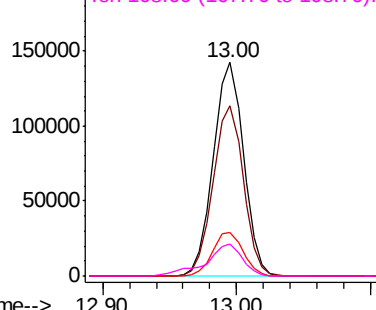
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.173 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

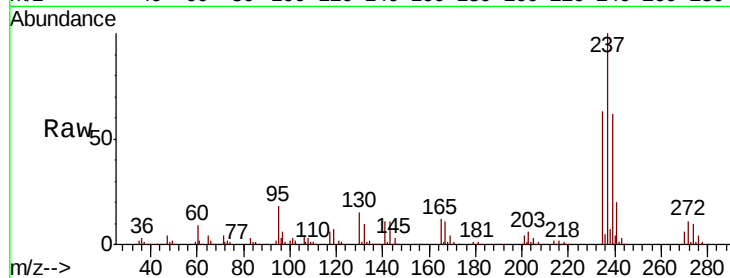
ClientSampleId :

CL-01-021419-AMS

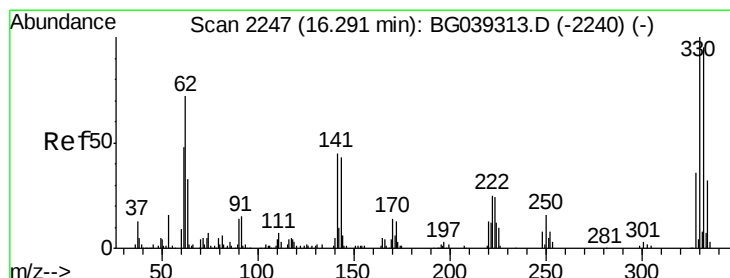
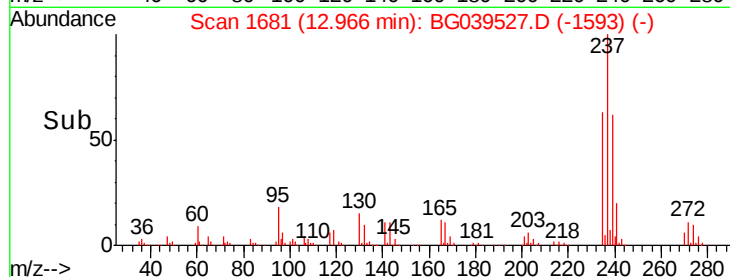
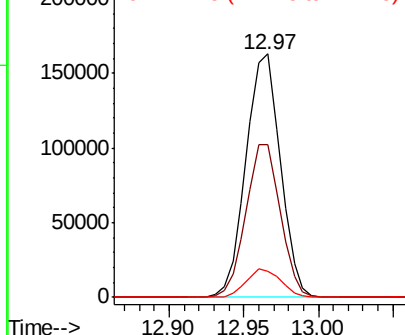
Tot Ion:	237	Resp:	259751
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.3	83.3
272	10.8	0.0	32.3

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 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: 149.876 ng

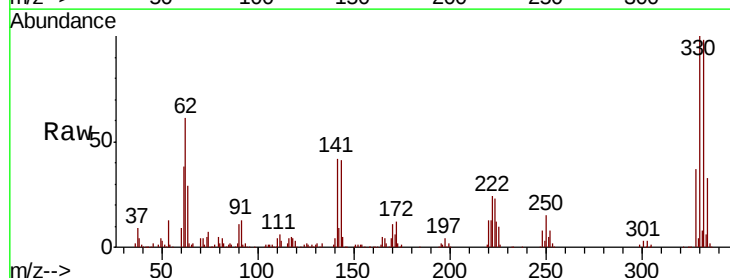
RT: 16.29 min Scan# 2246

Delta R.T. -0.01 min

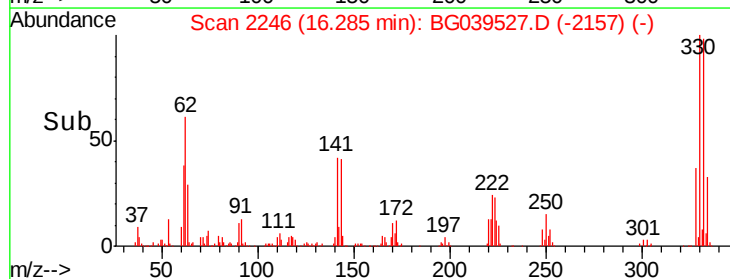
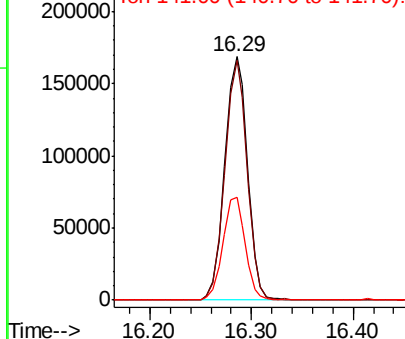
Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Tgt Ion:	330	Resp:	262327
Ion Ratio	Lower	Upper	
330	100		
332	96.3	75.7	113.5
141	41.4	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





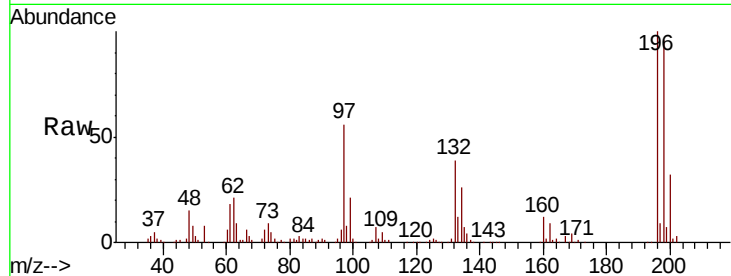
#43
 2,4,6-Trichlorophenol
 Concen: 50.329 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Instrument :
 BNA_G
 ClientSampleID :
 CL-01-021419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	160035		
198	95.9	80.6	121.0	
200	31.7	26.1	39.1	

Manual Integrations
 APPROVED

Sohil
 2/18/2019 12:14:19 PM

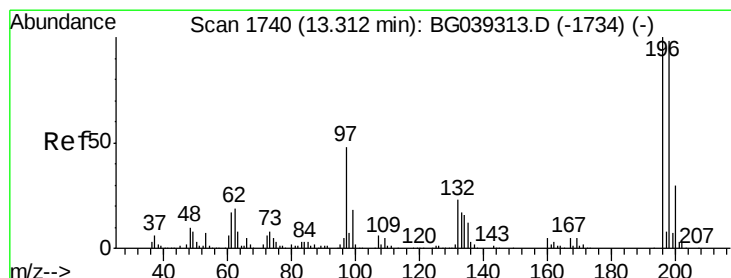
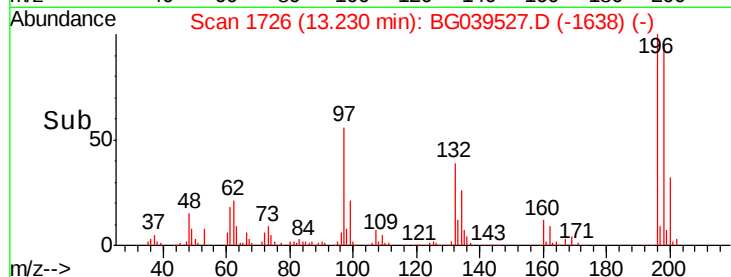
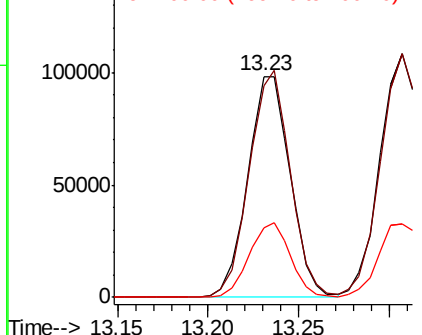


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 53.236 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177416		
198	100.0	78.5	117.7	
97	46.5	38.4	57.6	
132	25.9	19.2	28.8	

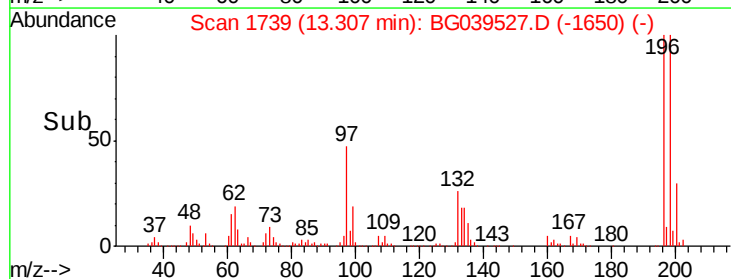
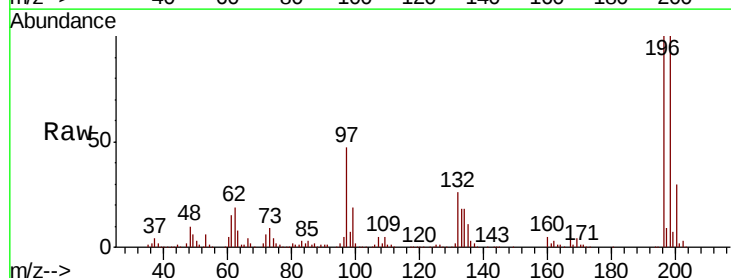
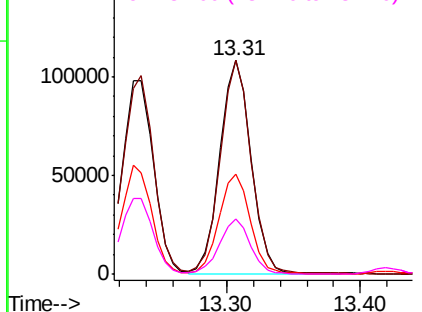
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





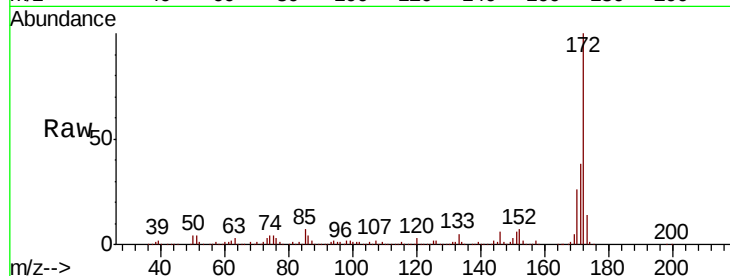
#45
2-Fluorobiphenyl
Concen: 83.369 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.8	46.2
170	26.0	20.2	30.4

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM

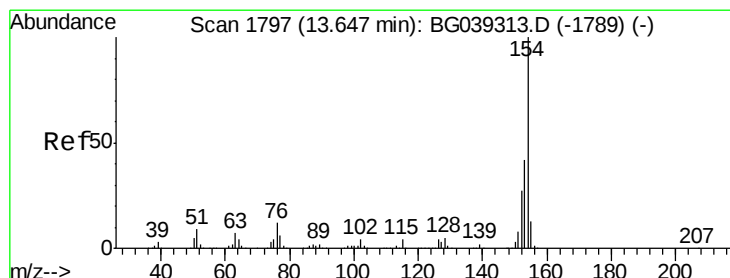
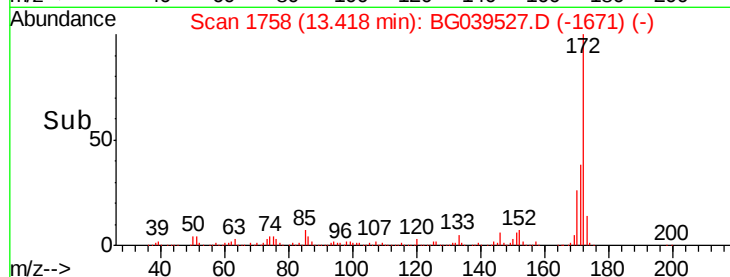
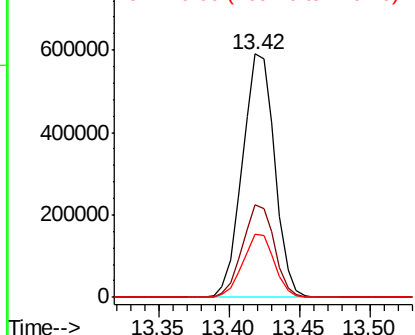


Abundance

Ion 172.00 (171.70 to 172.70): E

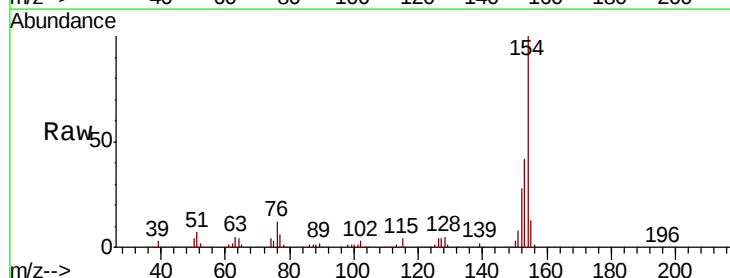
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.013 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.1	62.1
76	11.8	0.0	32.4

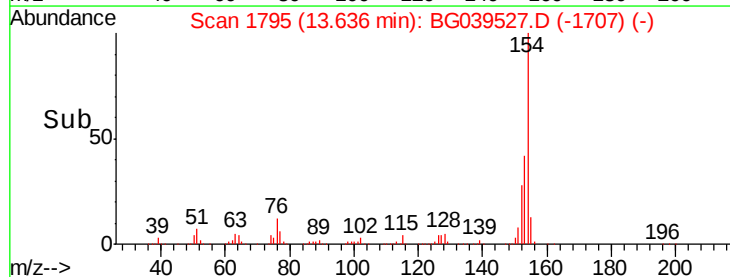
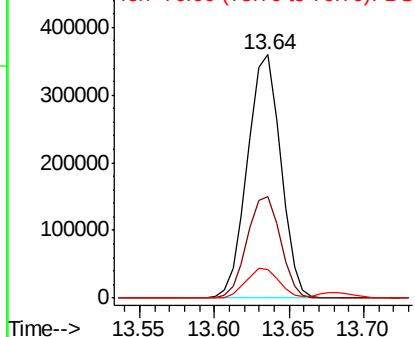


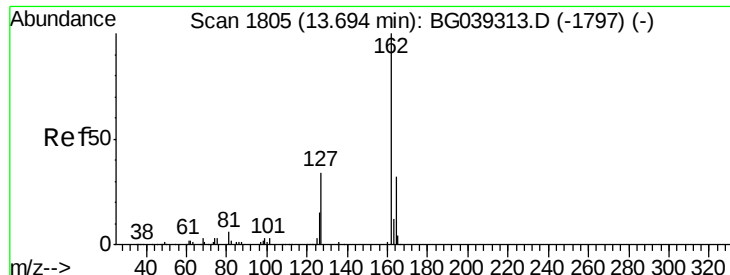
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





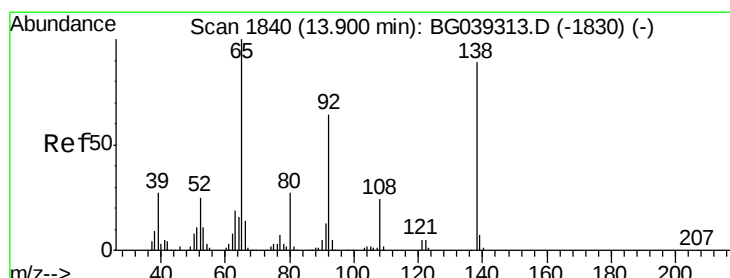
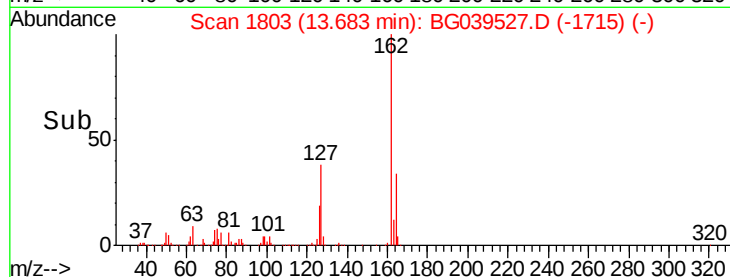
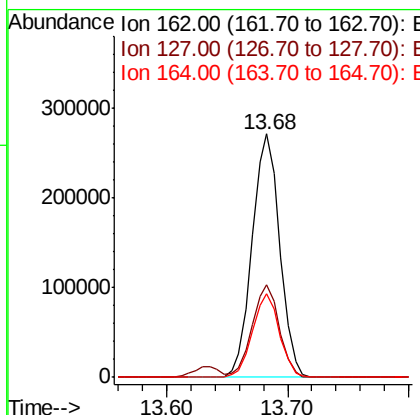
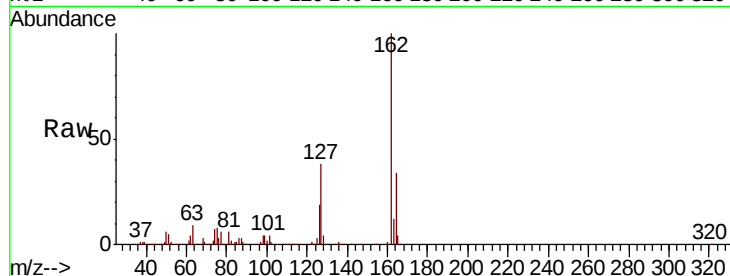
#47
2-Chloronaphthalene
Concen: 42.387 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.0	46.6
164	34.3	25.7	38.5

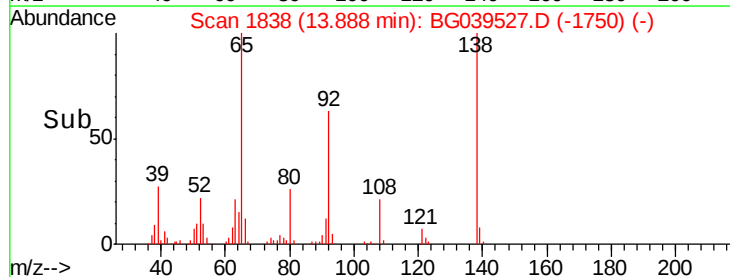
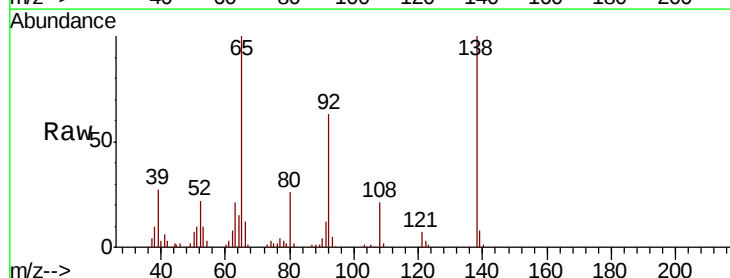
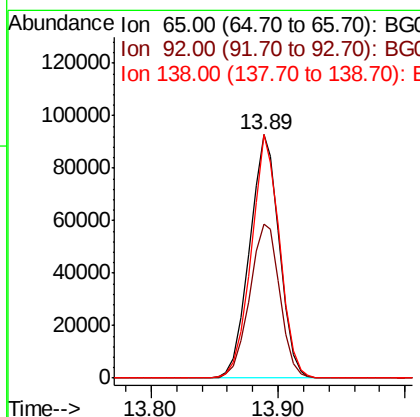
Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#48
2-Nitroaniline
Concen: 50.952 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	51.4	77.2
138	99.9	71.4	107.2





#49

Acenaphthylene

Concen: 45.773 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

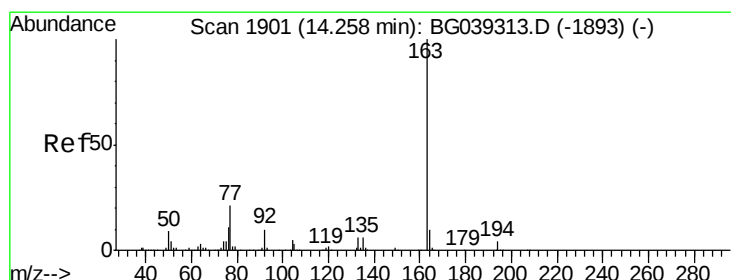
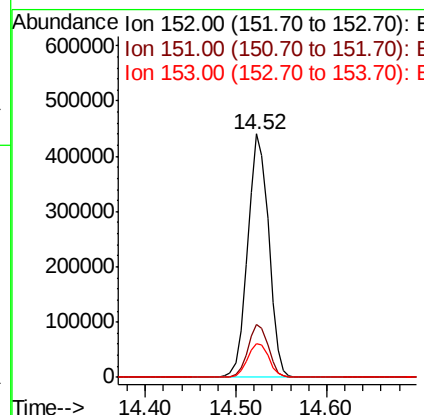
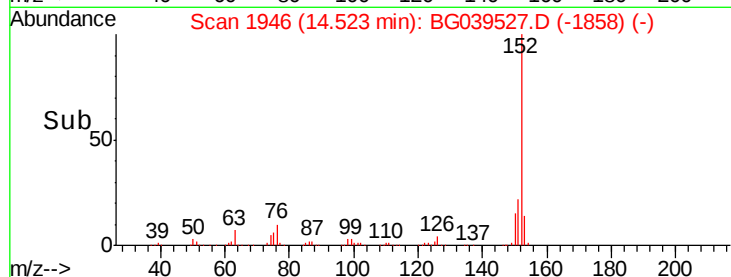
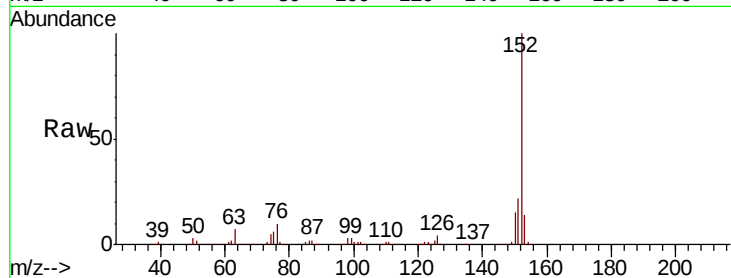
ClientSampleId :

CL-01-021419-AMS

Tot Ion:	152	Resp:	702681
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.8	25.2
153	14.0	11.7	17.5

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#50

Dimethylphthalate

Concen: 43.244 ng

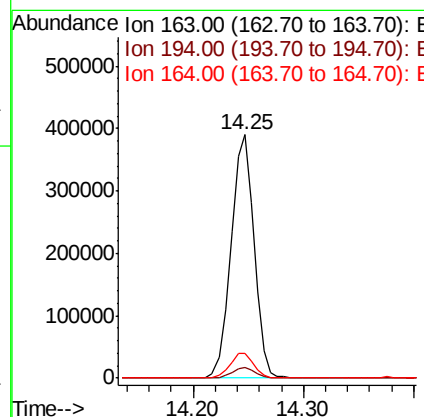
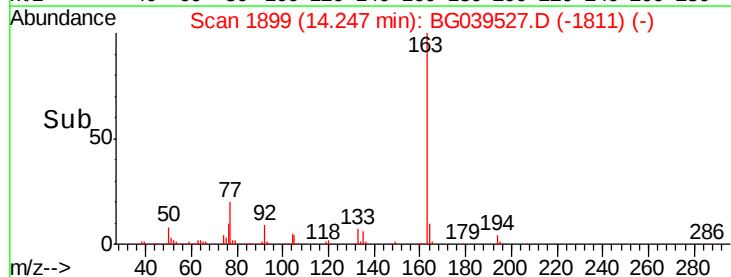
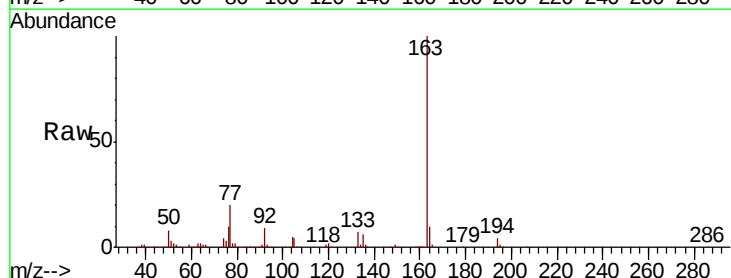
RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Tgt Ion:	163	Resp:	567683
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.0	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 52.134 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

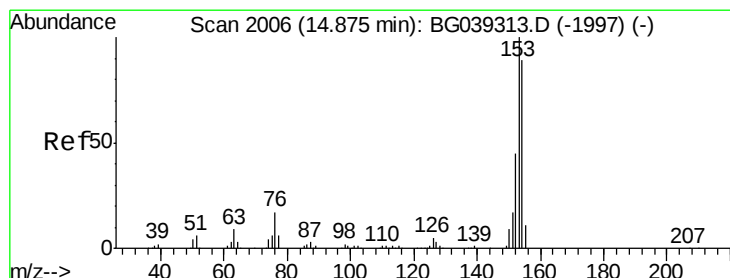
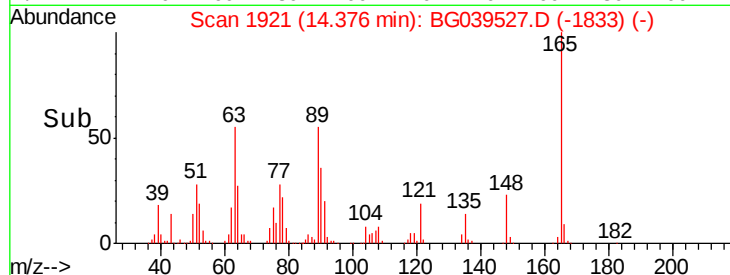
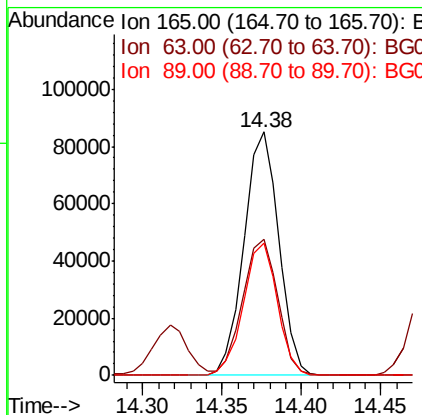
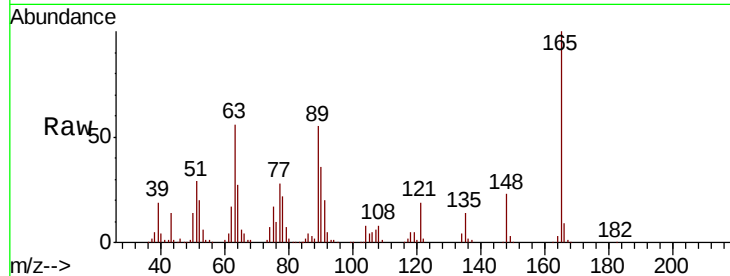
ClientSampleId :

CL-01-021419-AMS

Tot Ion:	165	Resp:	129515
Ion Ratio		Lower	Upper
165	100		
63	56.0	47.0	70.6
89	54.5	45.8	68.8

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#52

Acenaphthene

Concen: 42.889 ng

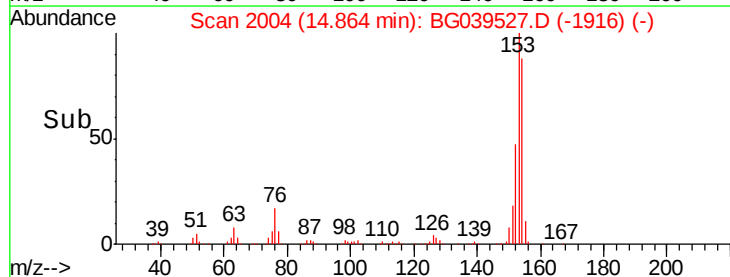
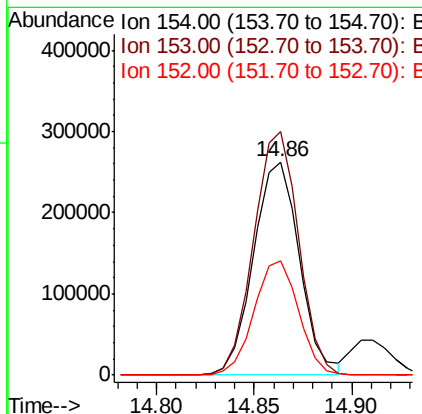
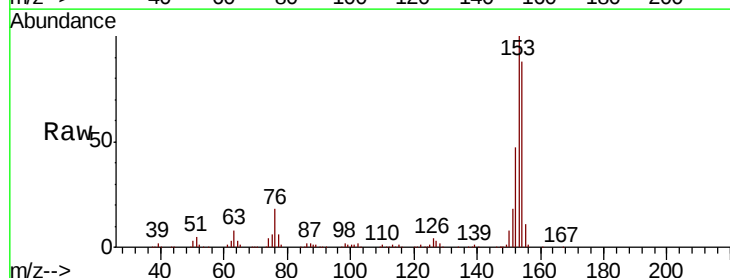
RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Tgt Ion:	154	Resp:	427384
Ion Ratio		Lower	Upper
154	100		
153	114.1	90.1	135.1
152	53.6	40.9	61.3





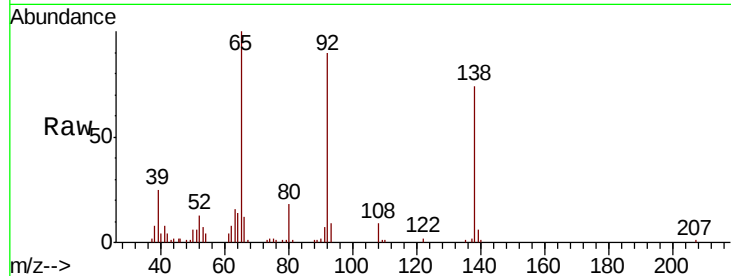
#53
3-Nitroaniline
Concen: 17.388 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

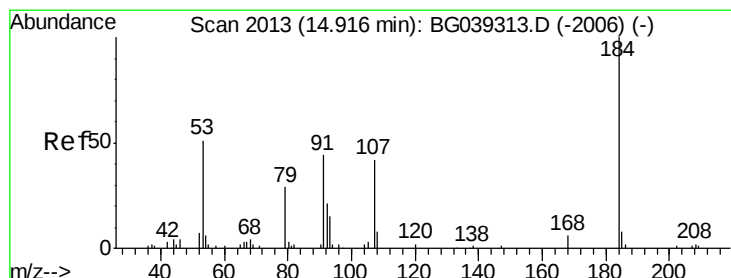
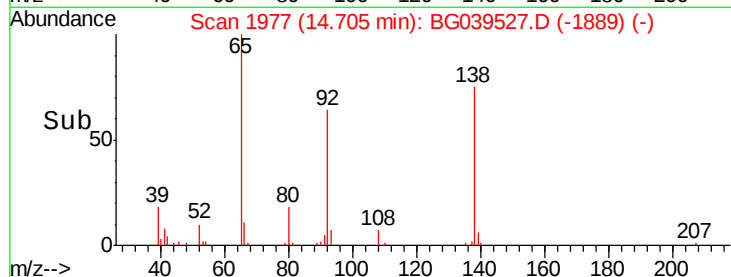
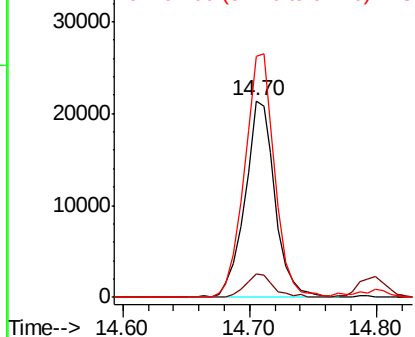
Tot Ion:138 Resp: 34909
Ion Ratio Lower Upper
138 100
108 11.9 13.8 20.8#
92 122.2 103.7 155.5

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



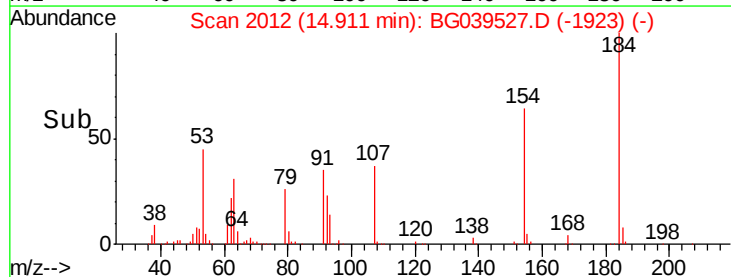
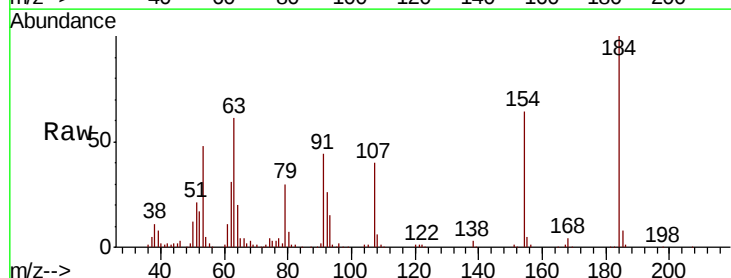
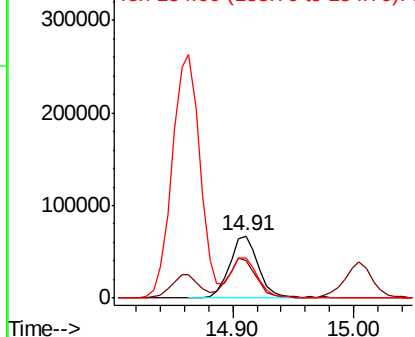
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

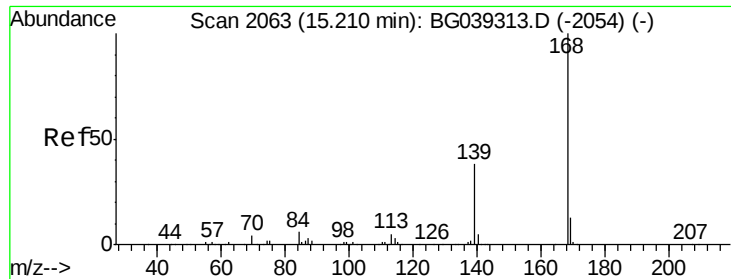


#54
2,4-Dinitrophenol
Concen: 94.761 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion:184 Resp: 112132
Ion Ratio Lower Upper
184 100
63 61.2 50.9 76.3
154 63.8 53.0 79.6

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





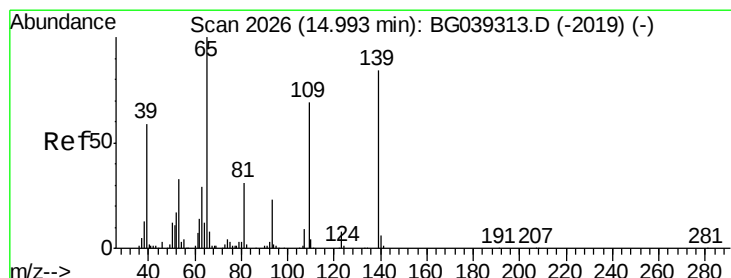
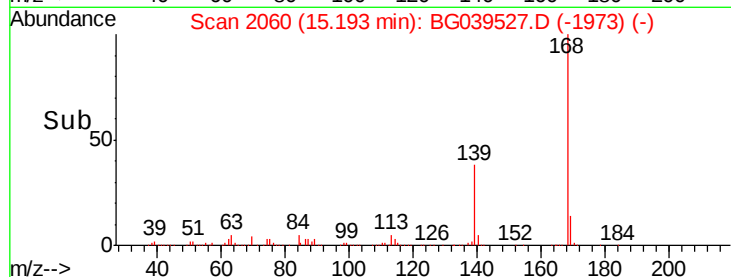
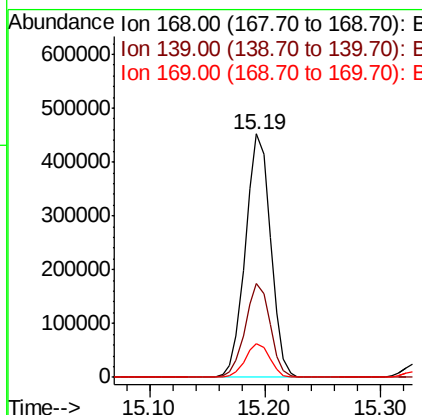
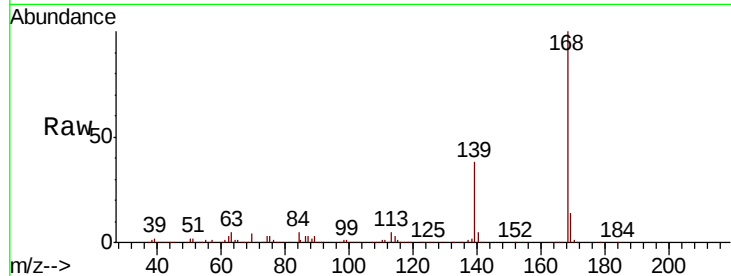
#55
Dibenzenofuran
Concen: 42.952 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	13.8	10.6	16.0

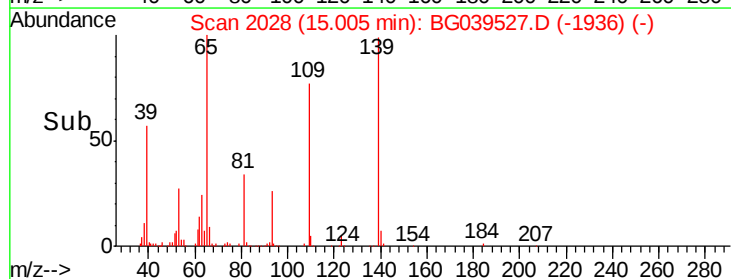
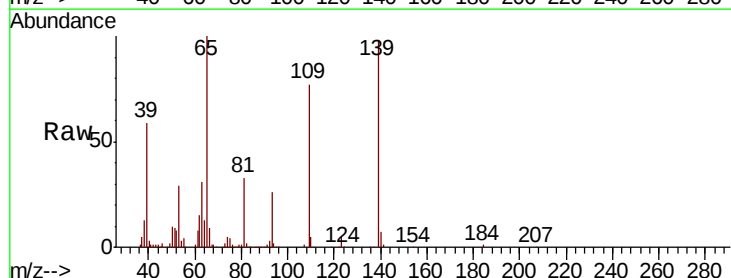
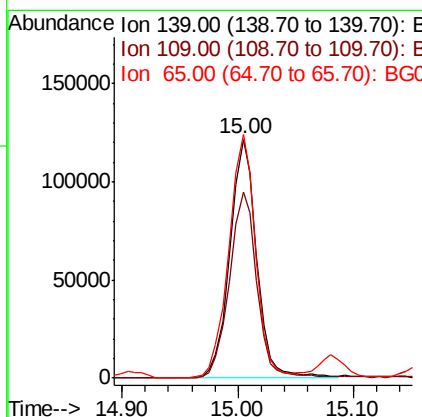
Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#56
4-Nitrophenol
Concen: 82.097 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.2	61.9	101.9
65	102.0	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 56.168 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

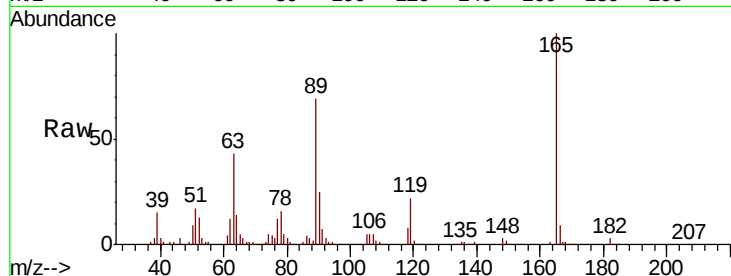
ClientSampleId :

CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.2	41.0	61.6
89	69.3	64.6	96.8
182	2.9	2.0	3.0

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM

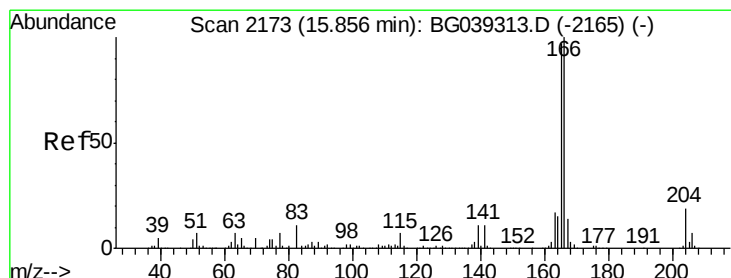
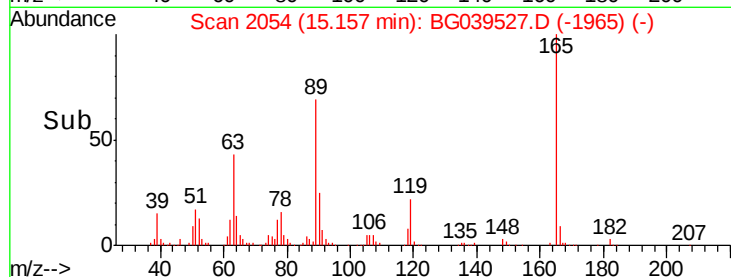
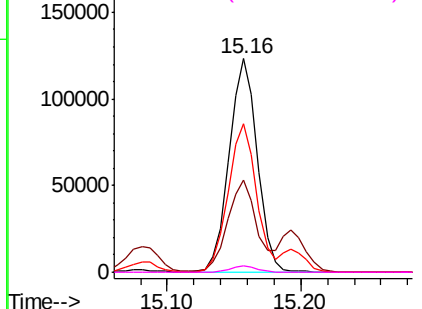


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.000 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG039527.D

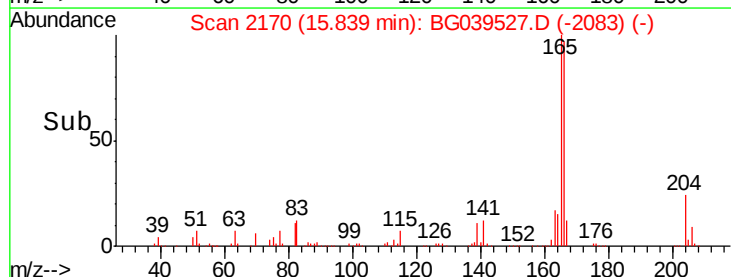
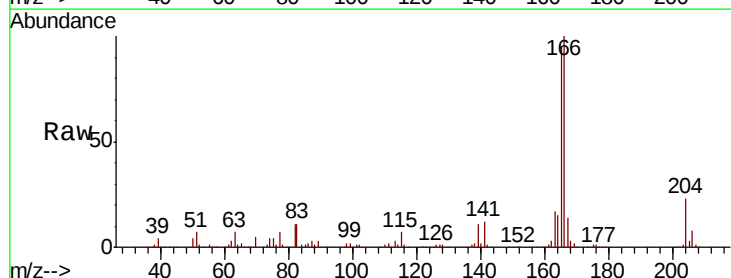
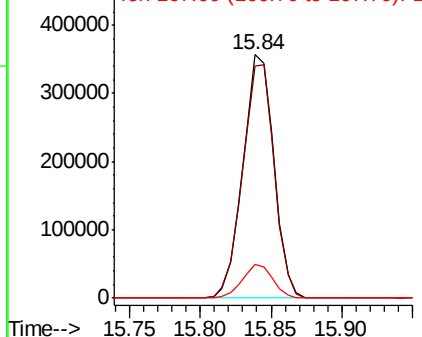
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.5	77.9	116.9
167	14.0	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





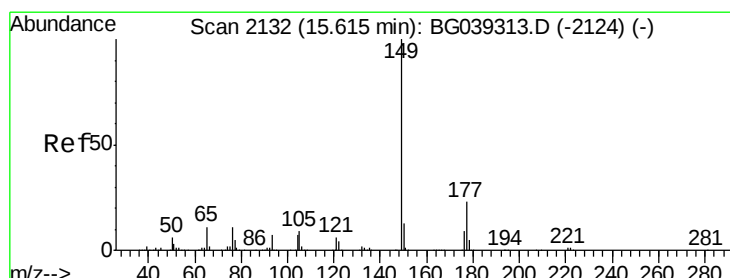
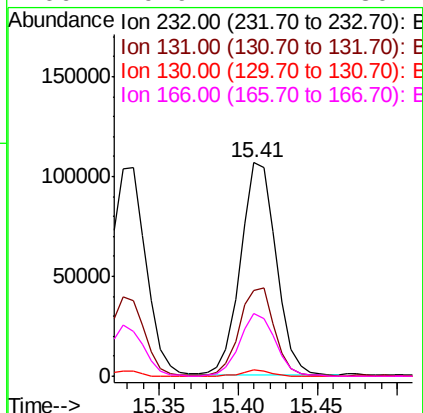
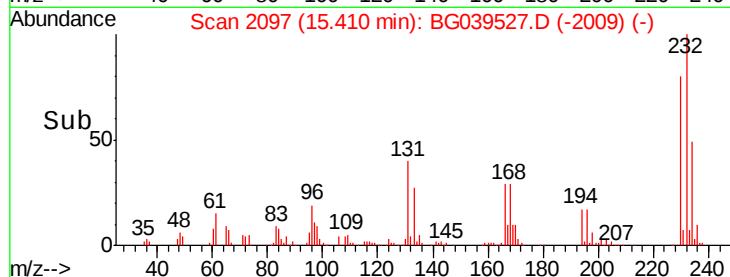
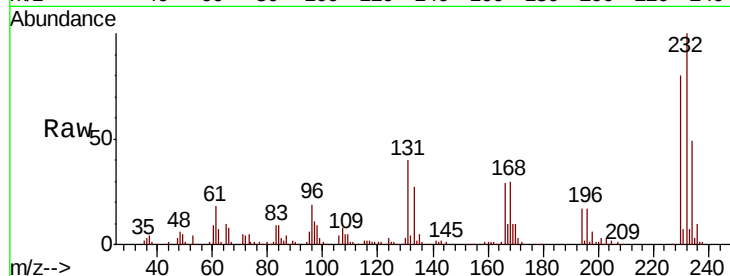
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.981 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	165321		
131	41.1		34.9	52.3
130	2.4		2.0	3.0
166	29.9		24.1	36.1

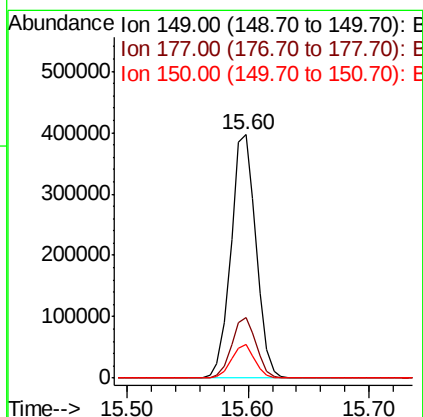
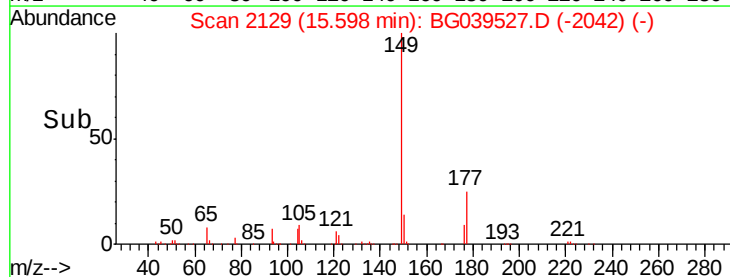
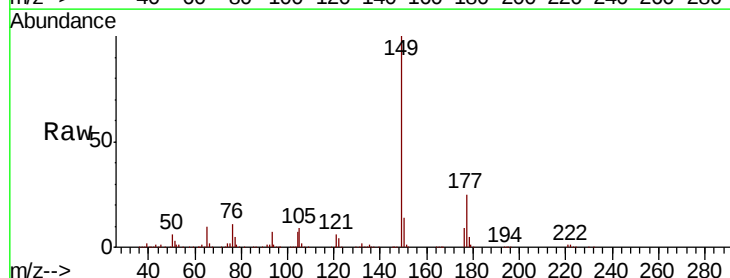
Manual Integrations
 APPROVED

Sohil
 2/18/2019 12:14:19 PM



#60
 Diethylphthalate
 Concen: 42.035 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	570531		
177	24.9		18.3	27.5
150	13.8		10.2	15.2





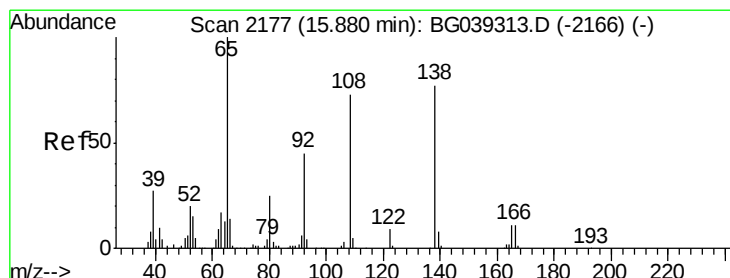
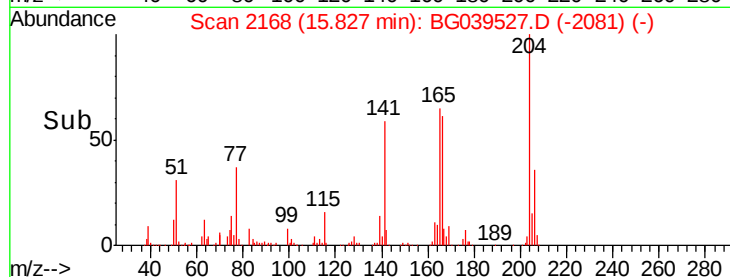
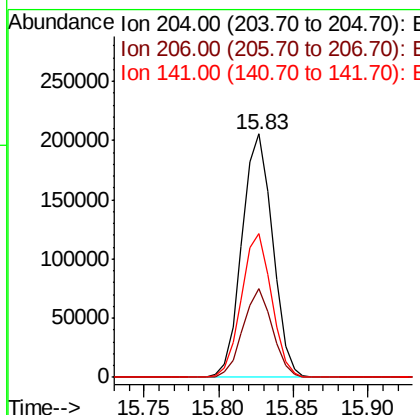
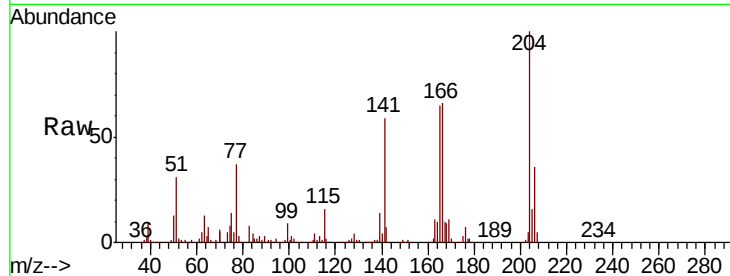
#61
4-Chlorophenyl-phenylether
Concen: 43.317 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.3	29.2	43.8
141	59.2	49.0	73.4

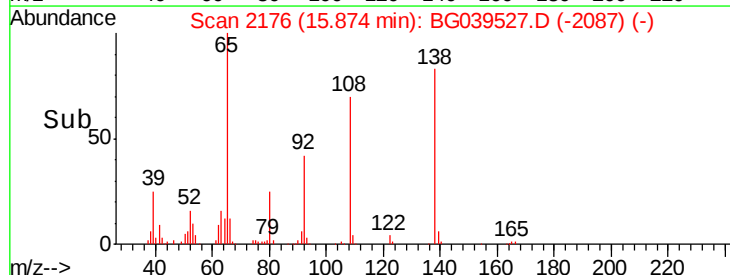
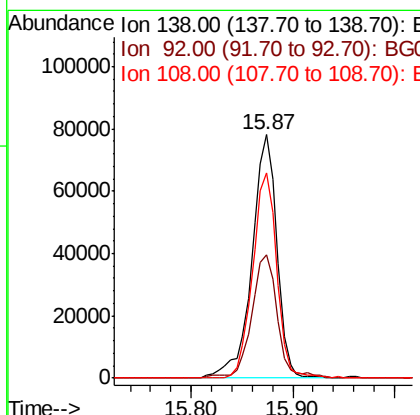
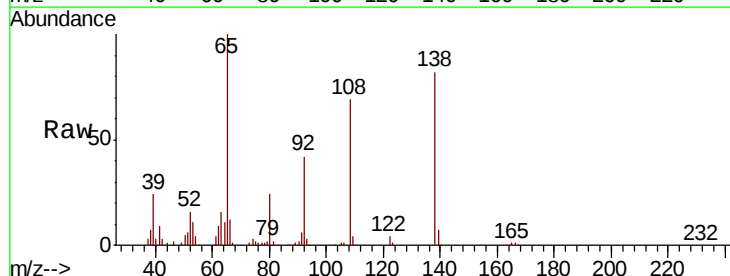
Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#62
4-Nitroaniline
Concen: 48.511 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	38.7	78.7
108	84.2	74.6	114.6





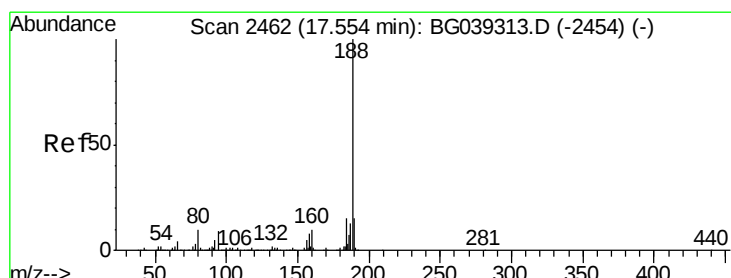
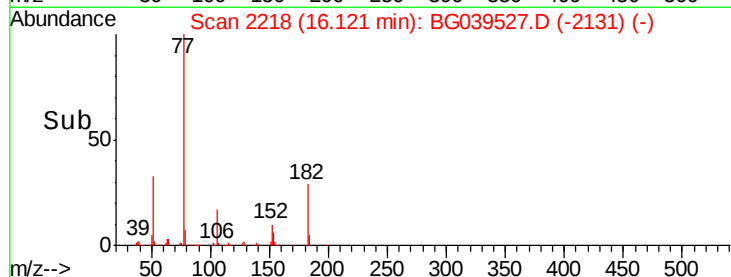
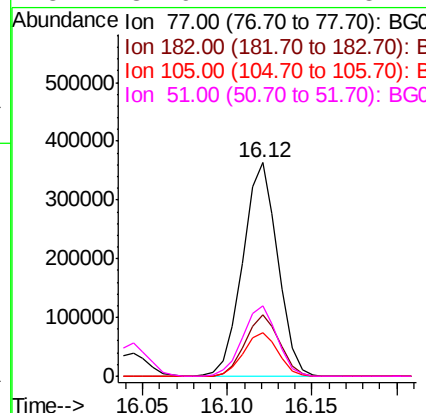
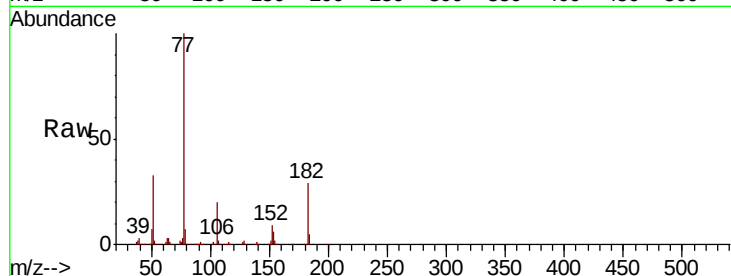
#63
Azobenzene
Concen: 39.494 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.8	6.4	46.4
105	20.4	0.0	39.8
51	32.9	14.1	54.1

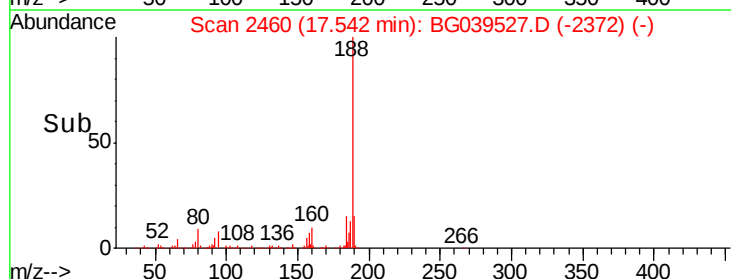
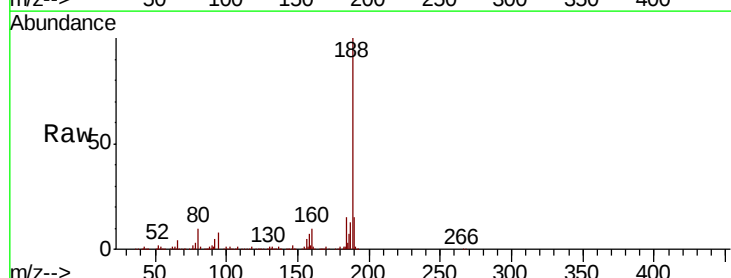
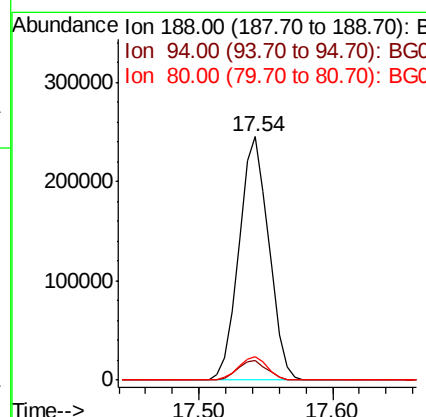
Manual Integrations
APPROVED

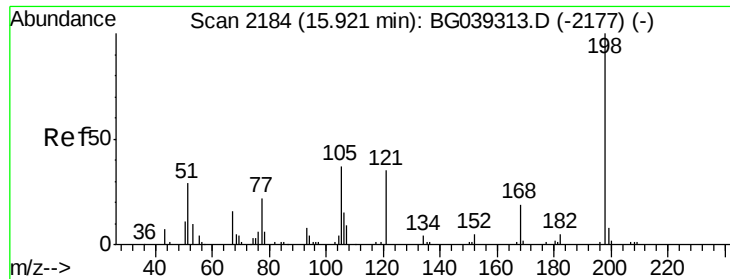
Sohil
2/18/2019 12:14:19 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.5	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 56.561 ng

RT: 15.92 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

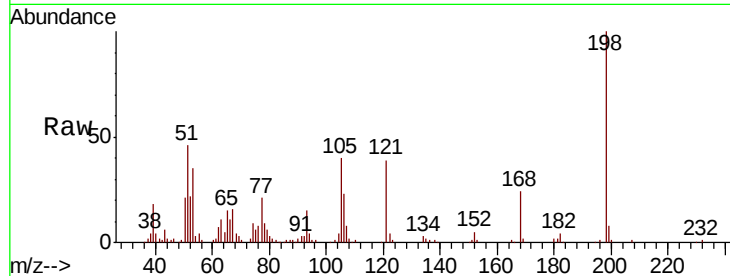
ClientSampleId :

CL-01-021419-AMS

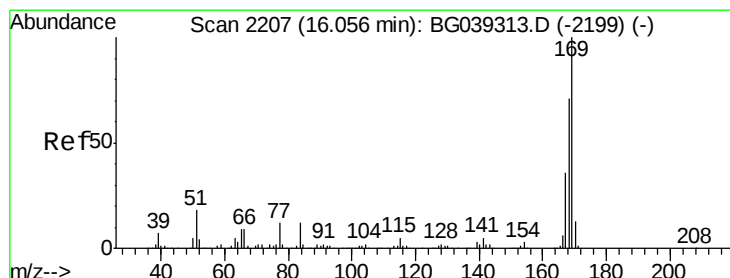
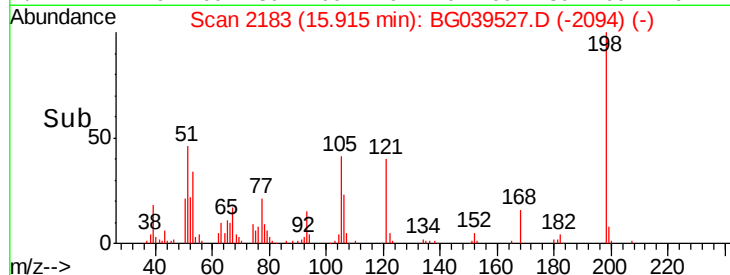
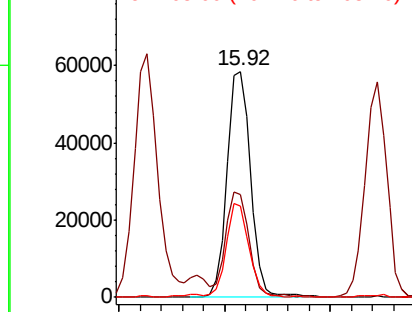
Tot Ion:	198	Resp:	90312
Ion Ratio	Lower	Upper	
198	100		
51	45.8	27.4	67.4
105	40.5	19.7	59.7

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.191 ng

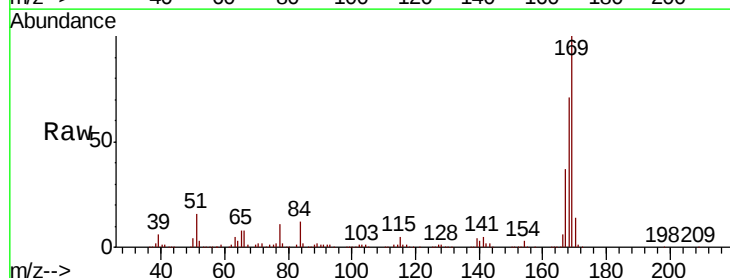
RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

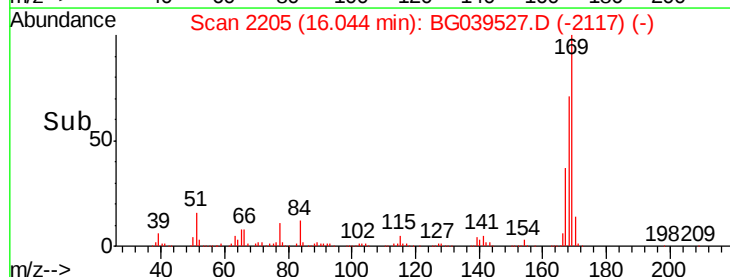
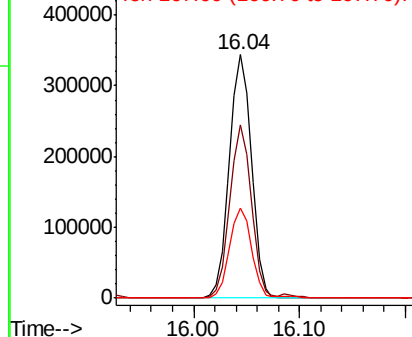
Lab File: BG039527.D

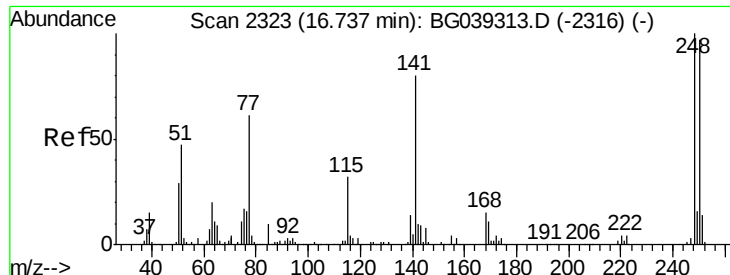
Acq: 15 Feb 2019 18:46

Tgt Ion:	169	Resp:	496853
Ion Ratio	Lower	Upper	
169	100		
168	71.3	56.6	85.0
167	36.9	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





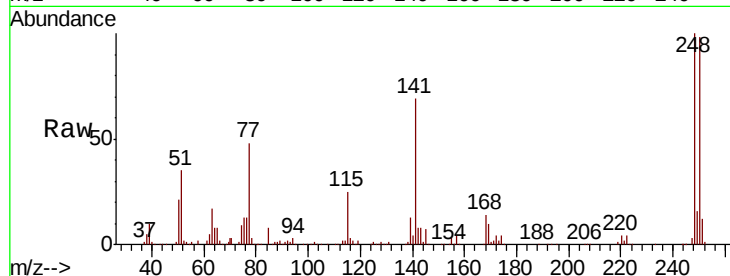
#67
 4-Bromophenyl-phenylether
 Concen: 44.447 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.6	116.4
141	68.7	63.9	95.9

Manual Integrations
 APPROVED

Sohil
 2/18/2019 12:14:19 PM

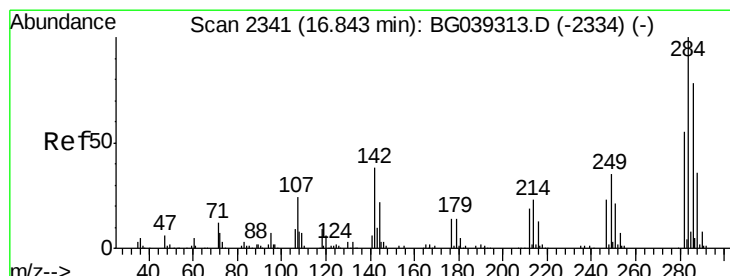
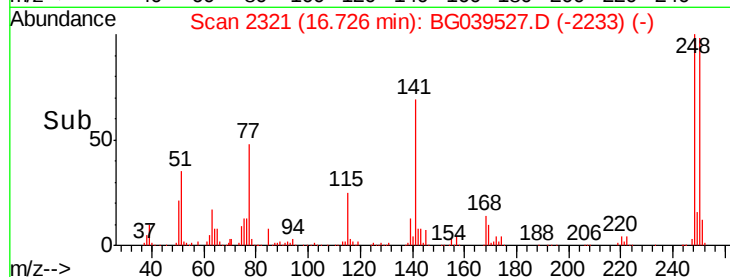
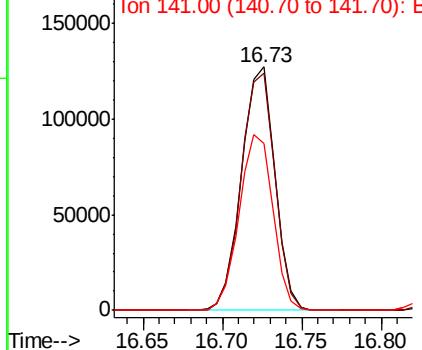


Abundance

Ion 248.00 (247.70 to 248.70): E

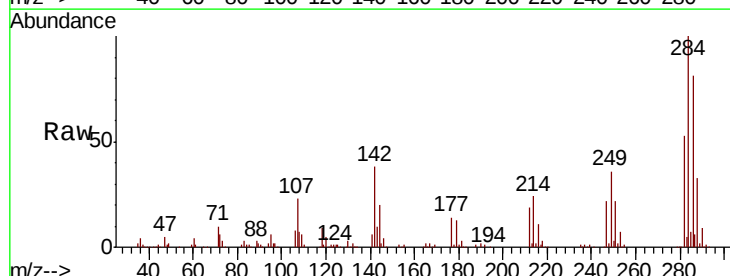
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 45.448 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.8	30.6	45.8
249	36.4	28.2	42.2

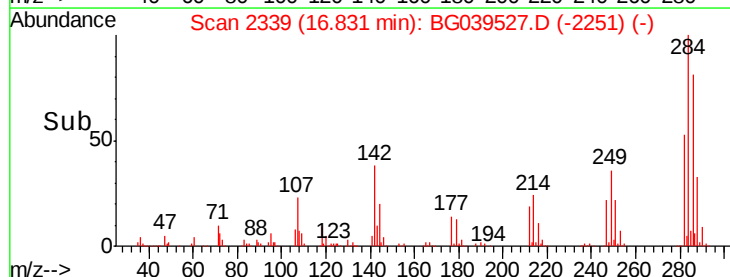
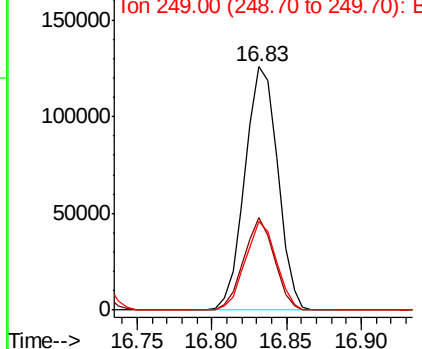


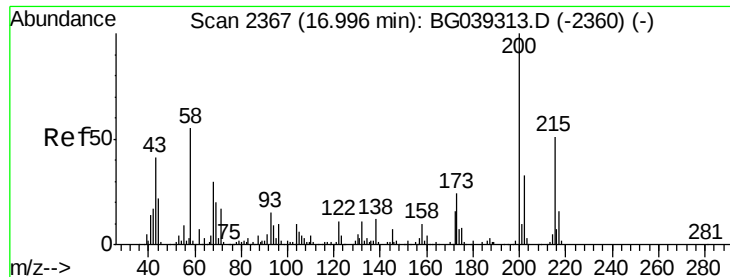
Abundance

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





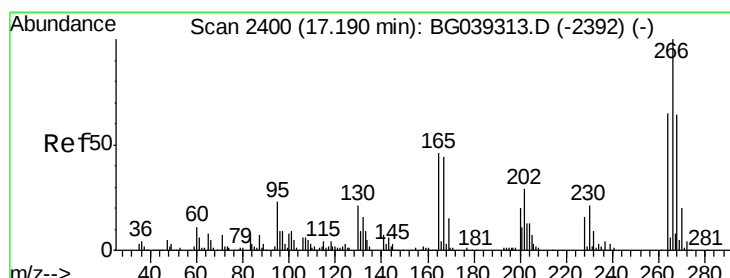
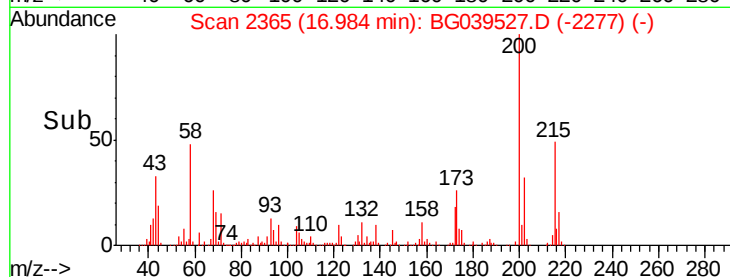
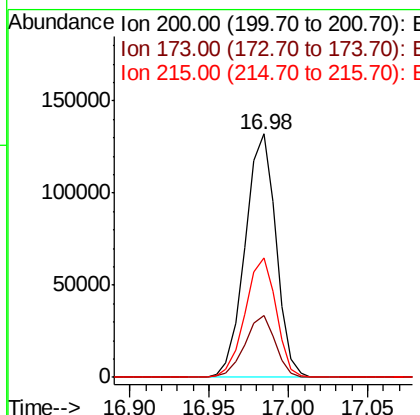
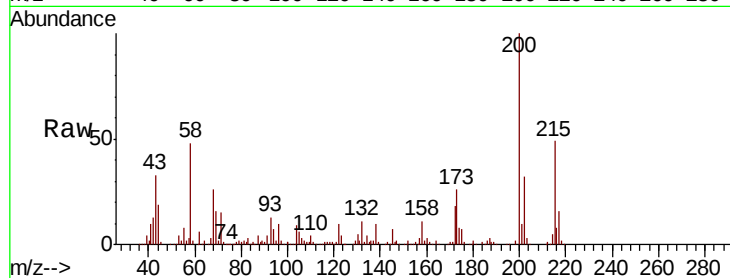
#69
Atrazine
Concen: 42.451 ng
RT: 16.98 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.5	3.9	43.9
215	49.2	30.9	70.9

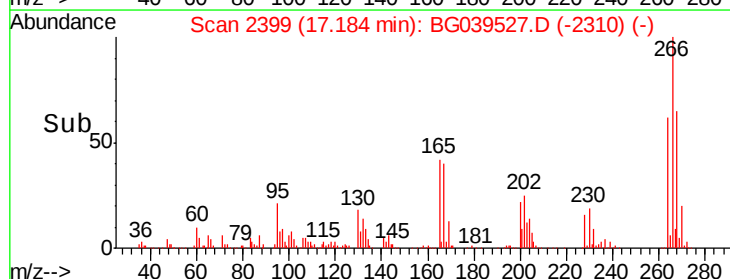
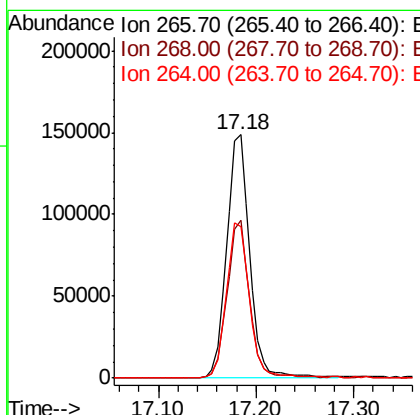
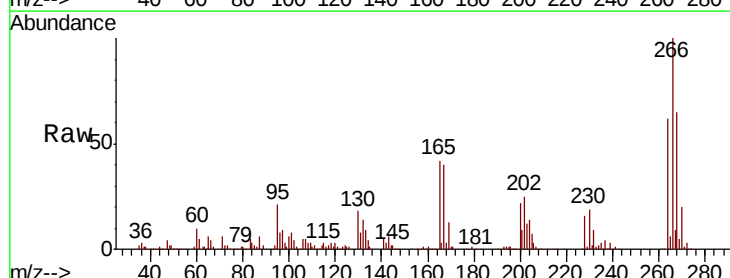
Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#70
Pentachlorophenol
Concen: 83.447 ng
RT: 17.18 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.9	51.1	76.7
264	62.1	52.1	78.1





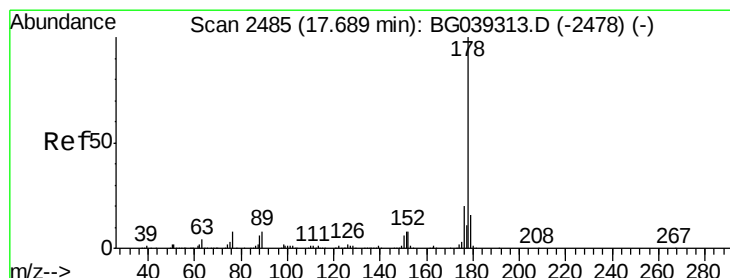
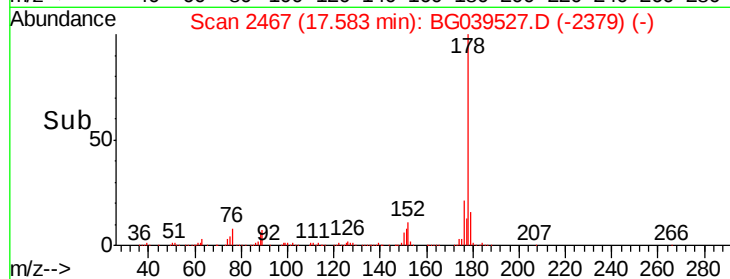
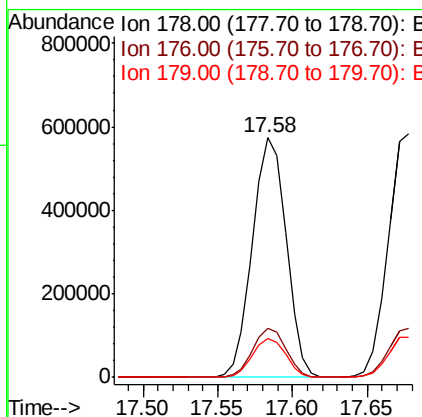
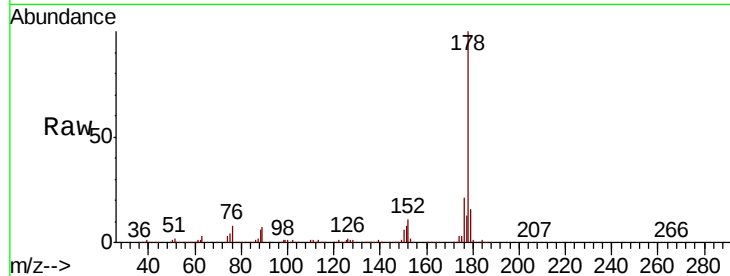
#71
Phenanthrene
Concen: 45.910 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.2	12.6	19.0

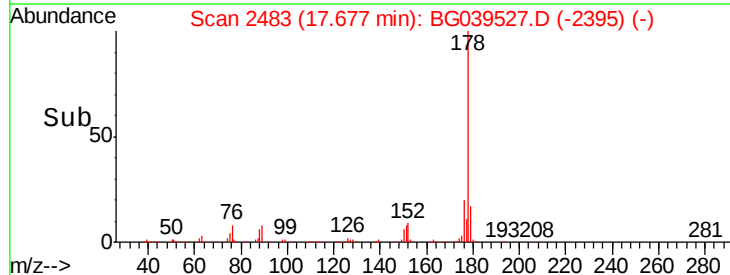
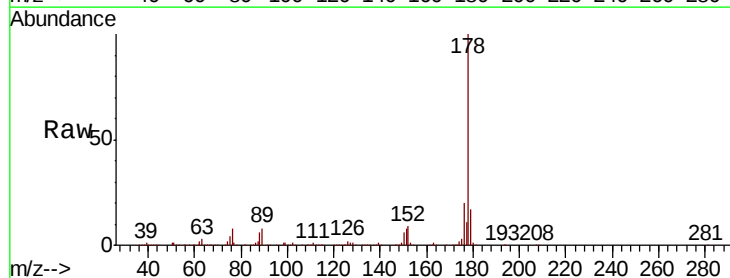
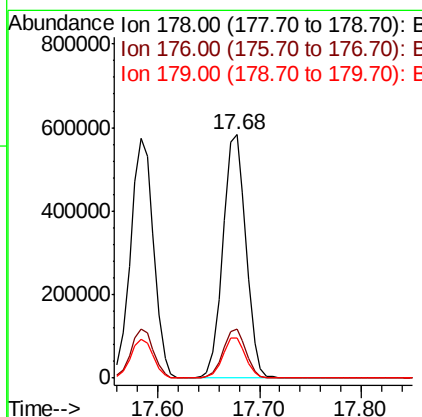
Manual Integrations
APPROVED

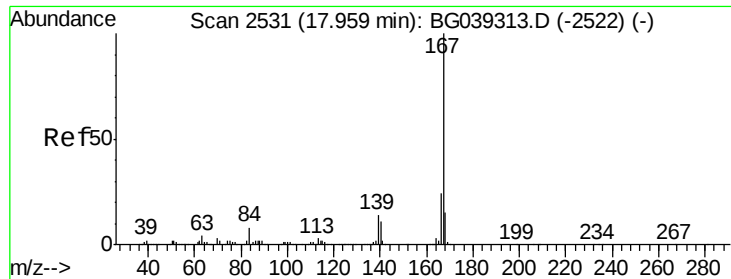
Sohil
2/18/2019 12:14:19 PM



#72
Anthracene
Concen: 47.342 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	16.6	12.5	18.7





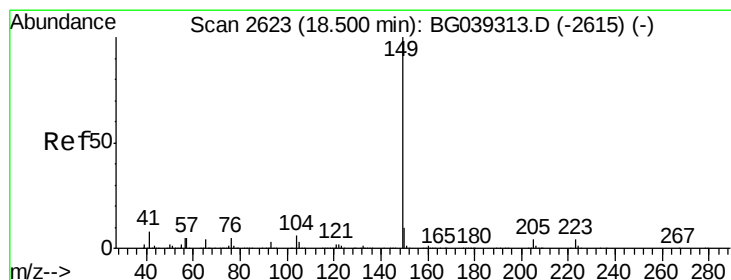
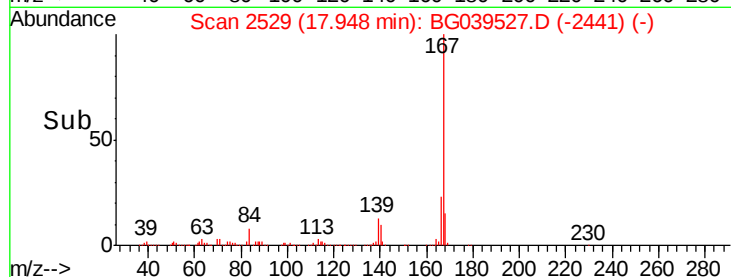
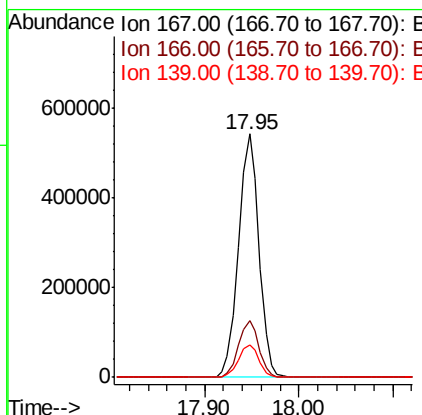
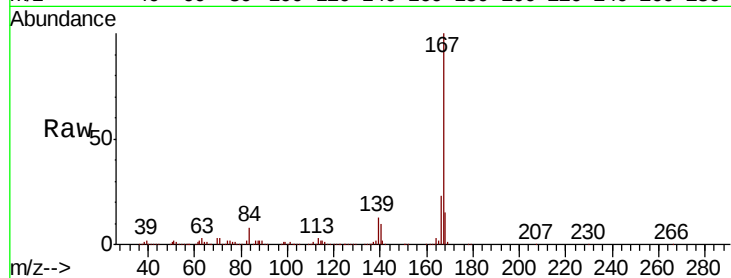
#73
 Carbazole
 Concen: 42.275 ng
 RT: 17.95 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	23.4		19.4	29.2	
139	13.4		10.8	16.2	

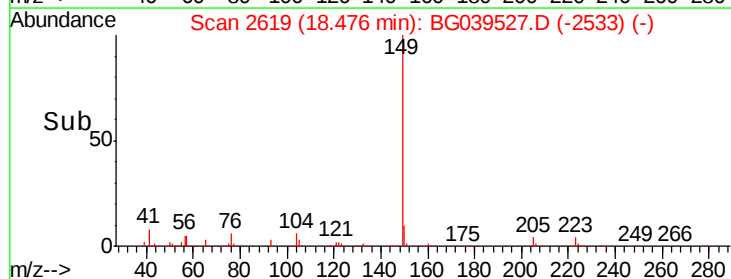
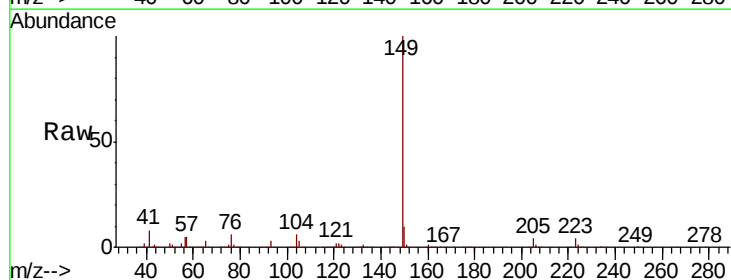
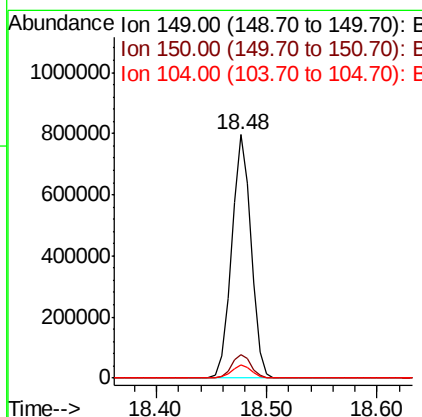
Manual Integrations
 APPROVED

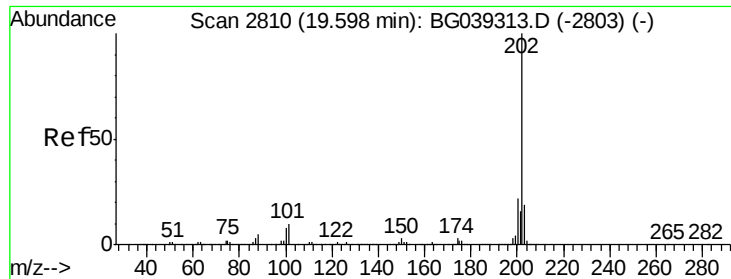
Sohil
 2/18/2019 12:14:19 PM



#74
 Di-n-butylphthalate
 Concen: 43.603 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.8		7.7	11.5	
104	5.5		4.5	6.7	





#75

Fluoranthene

Concen: 47.454 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

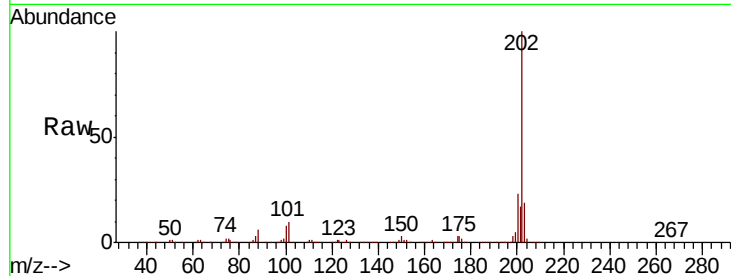
ClientSampleId :

CL-01-021419-AMS

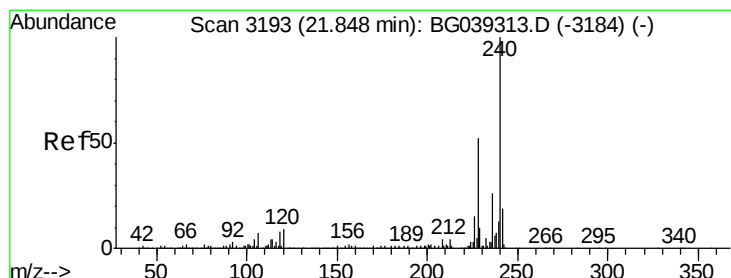
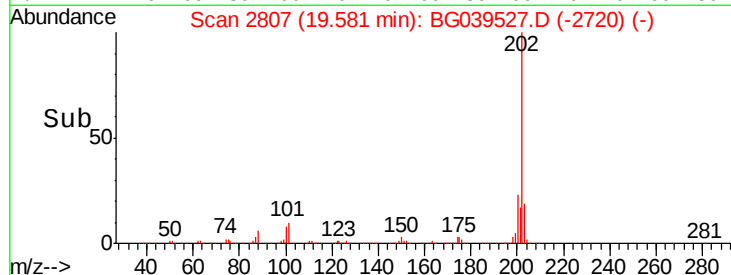
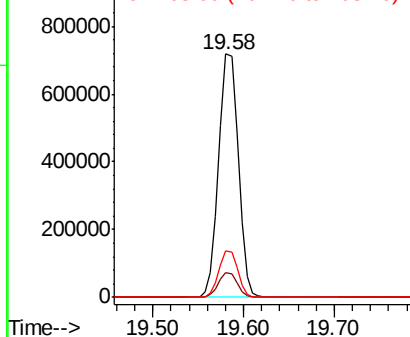
Tot Ion:	202	Resp:	1078523
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.0
203	19.2	0.0	38.9

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

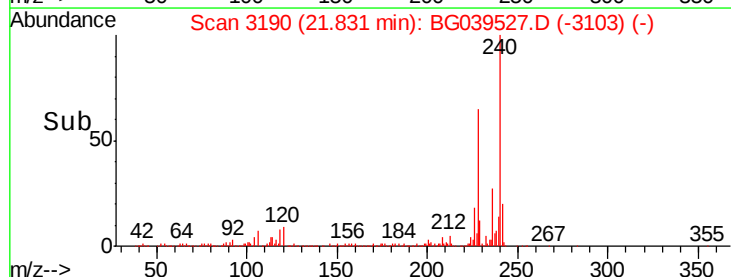
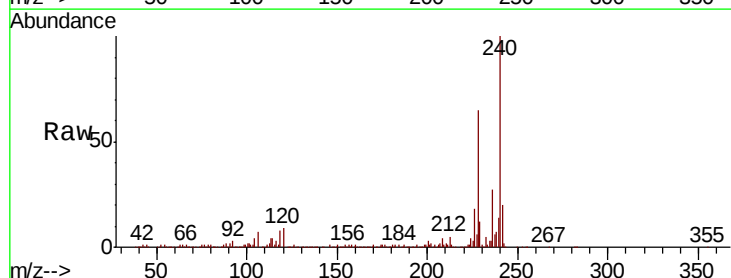
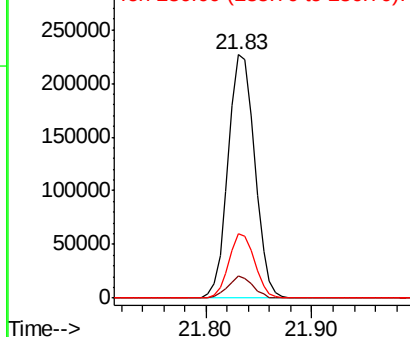
Delta R.T. -0.02 min

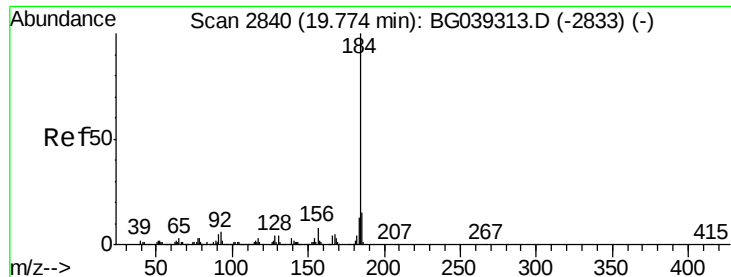
Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Tgt Ion:	240	Resp:	393883
Ion Ratio	Lower	Upper	
240	100		
120	9.1	7.0	10.6
236	26.6	21.0	31.4

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





#77

Benzidine

Concen: 13.041 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

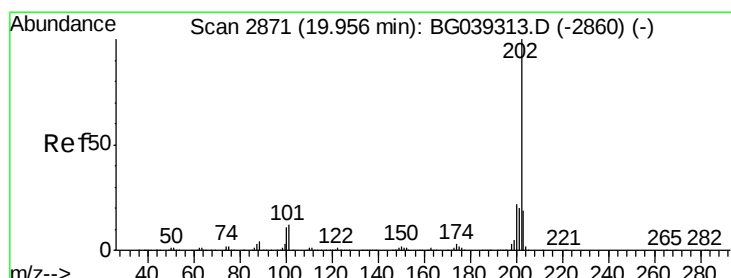
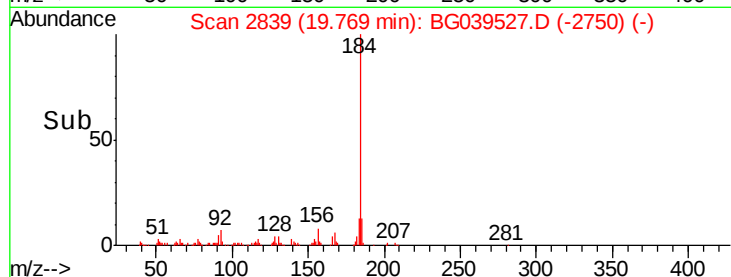
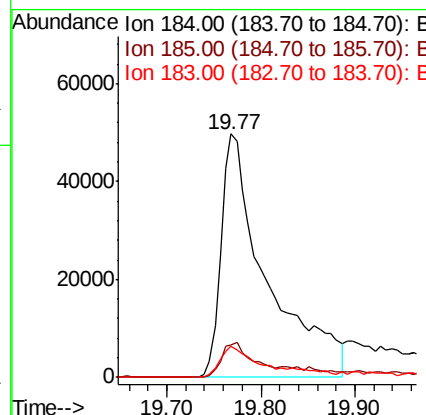
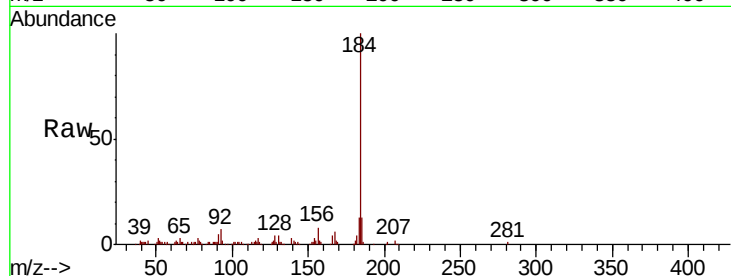
ClientSampleId :

CL-01-021419-AMS

Tot Ion:	184	Resp:	168404
Ion Ratio	Lower	Upper	
184	100		
185	13.5	12.2	18.2
183	12.8	10.6	15.8

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#78

Pyrene

Concen: 44.341 ng

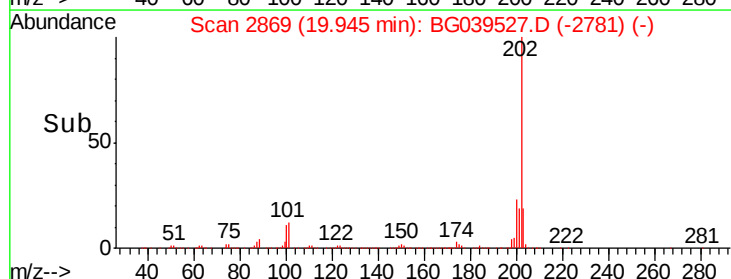
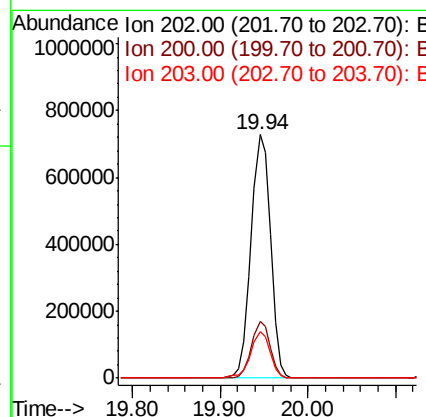
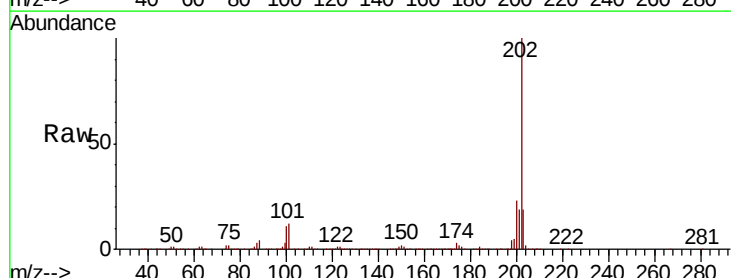
RT: 19.94 min Scan# 2869

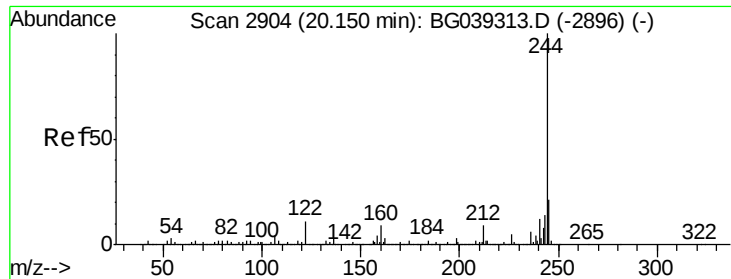
Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Tgt Ion:	202	Resp:	1087255
Ion Ratio	Lower	Upper	
202	100		
200	23.4	17.8	26.8
203	19.1	15.3	22.9





#79

Terphenyl-d14

Concen: 79.740 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

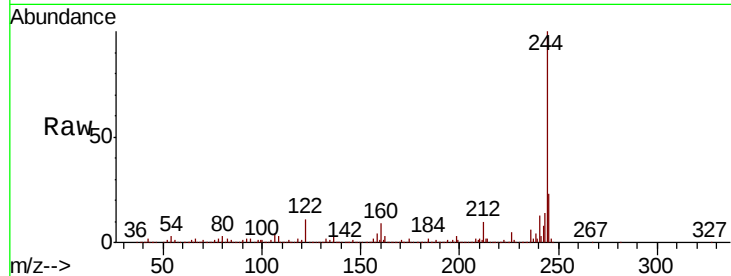
ClientSampleId :

CL-01-021419-AMS

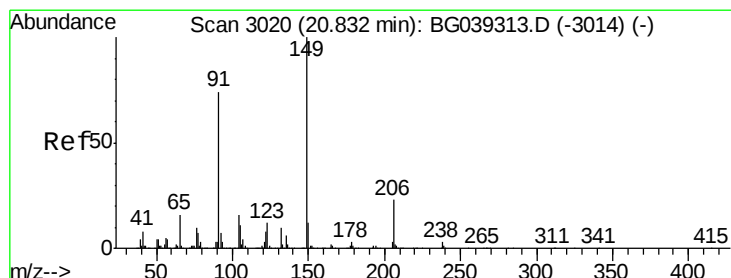
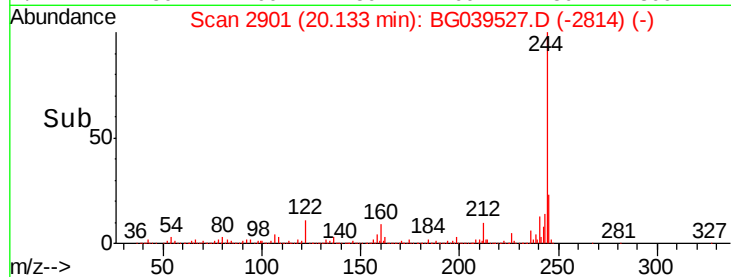
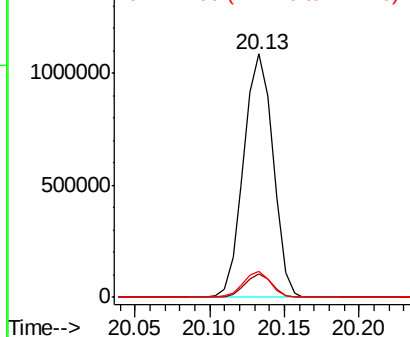
Tot Ion:	244	Resp:	1483843
Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.3	10.9
122	10.6	8.4	12.6

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.682 ng

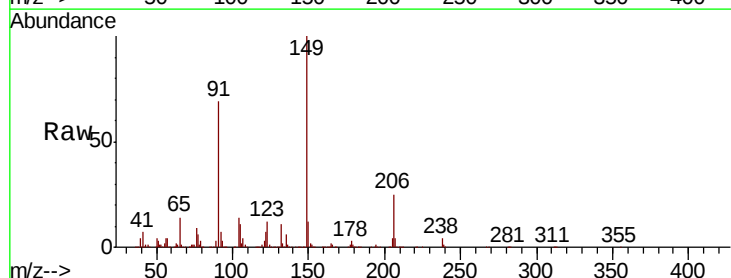
RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

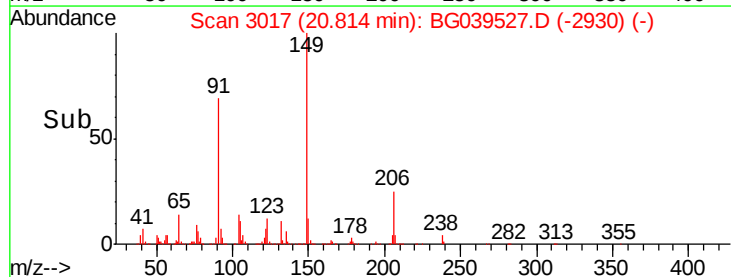
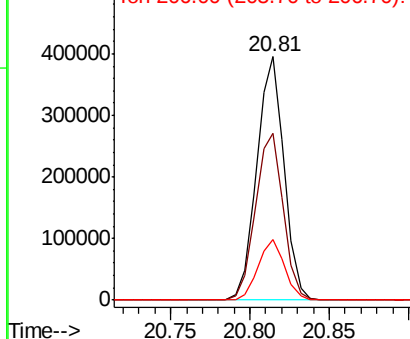
Lab File: BG039527.D

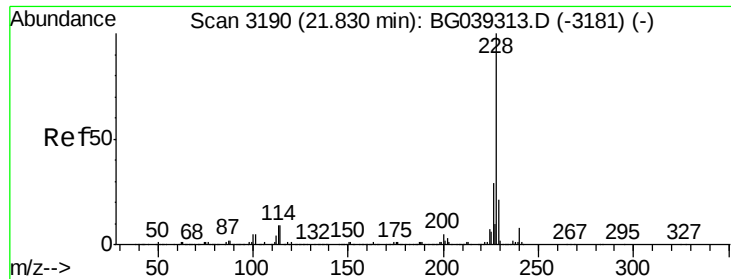
Acq: 15 Feb 2019 18:46

Tgt Ion:	149	Resp:	472518
Ion	Ratio	Lower	Upper
149	100		
91	68.6	59.5	89.3
206	24.9	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





#81

Benzo(a)anthracene

Concen: 46.386 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

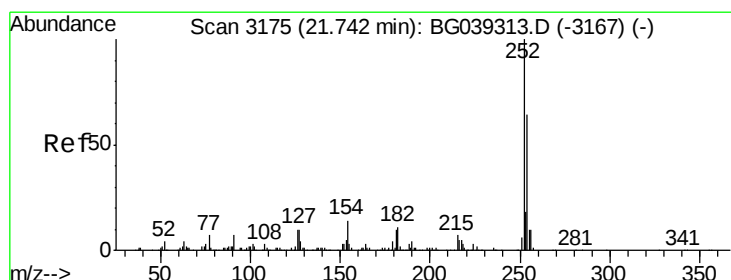
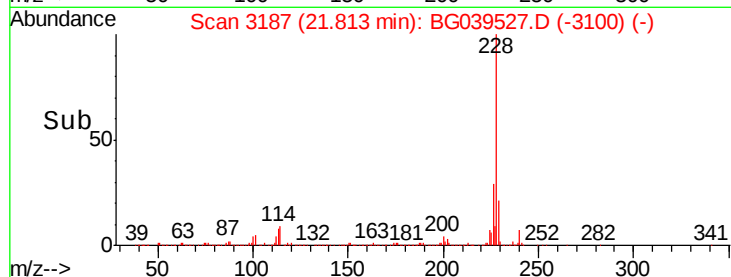
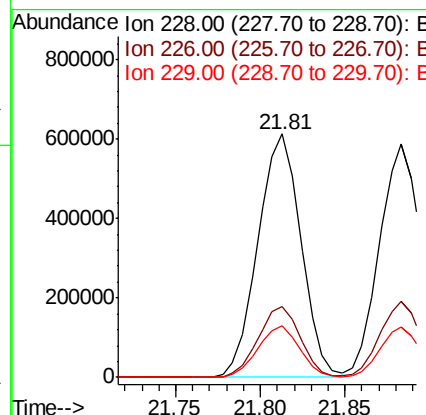
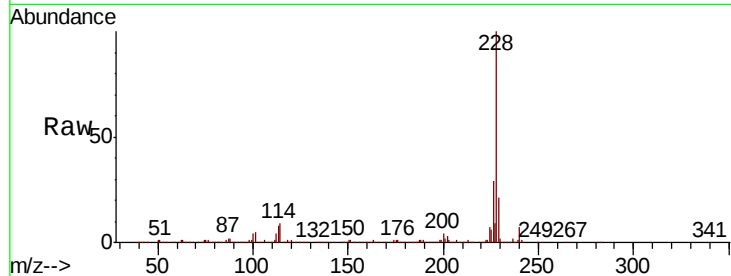
ClientSampleId :

CL-01-021419-AMS

Tot Ion:	228	Resp:	1079601
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.6
229	21.2	16.9	25.3

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#82

3,3'-Dichlorobenzidine

Concen: 23.802 ng

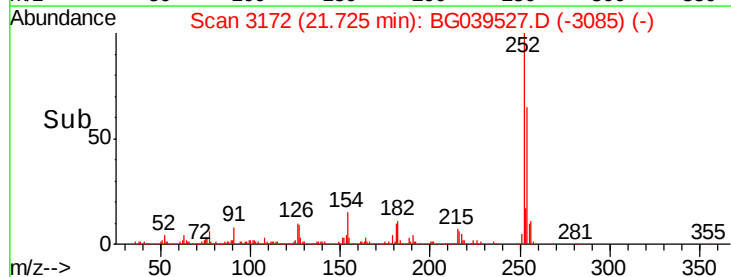
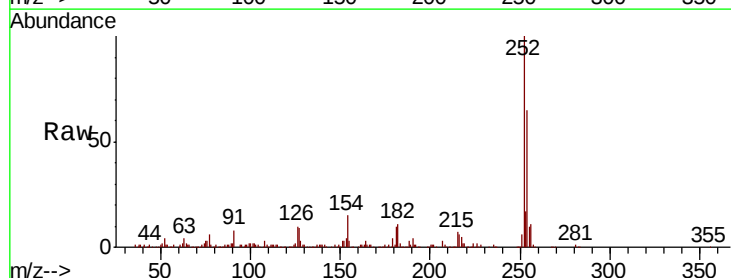
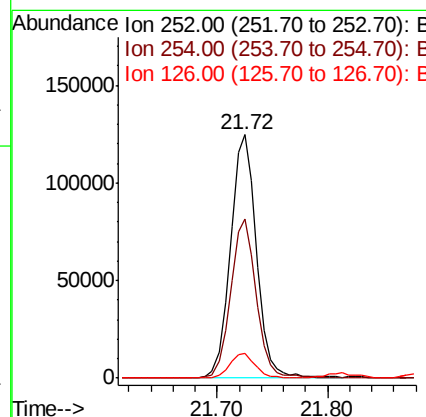
RT: 21.72 min Scan# 3172

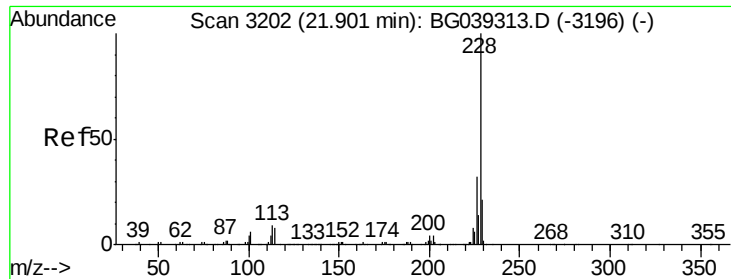
Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Tgt Ion:	252	Resp:	205414
Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.3	76.9
126	10.1	8.0	12.0





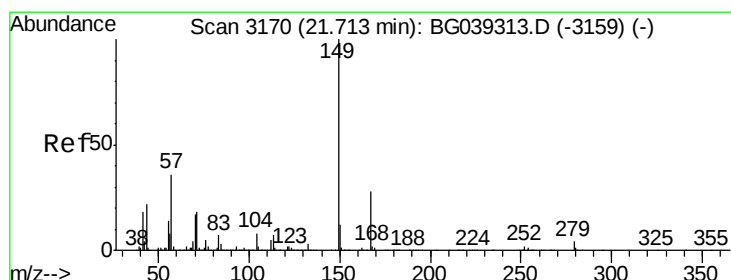
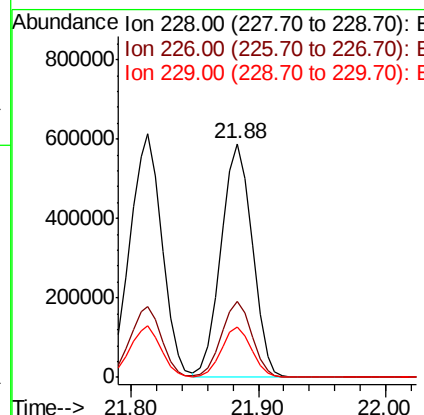
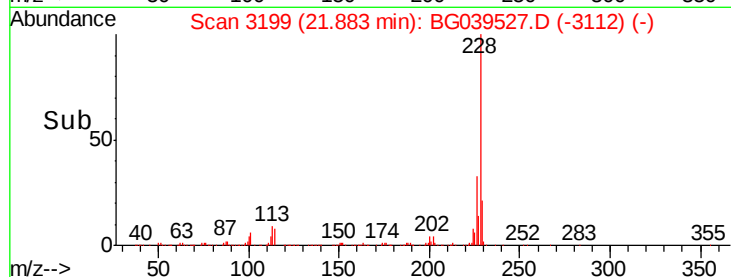
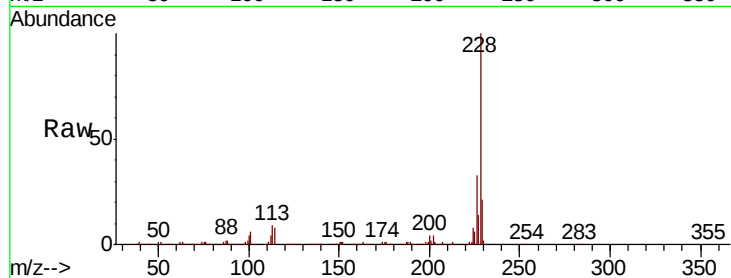
#83
 Chrysene
 Concen: 45.438 ng
 RT: 21.88 min Scan# 3199
 Delta R.T. -0.02 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.8	38.6
229	21.4	16.6	25.0

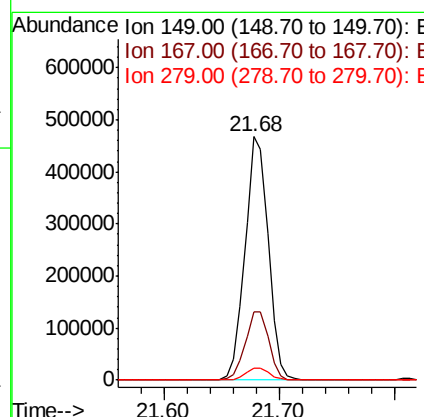
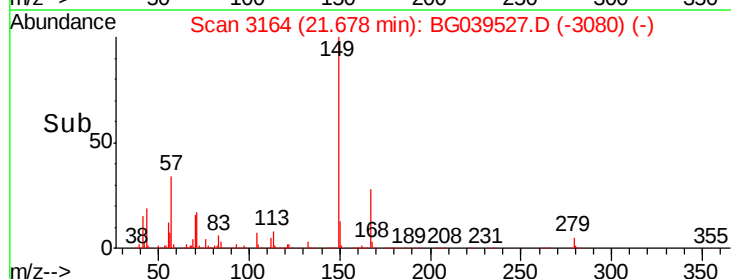
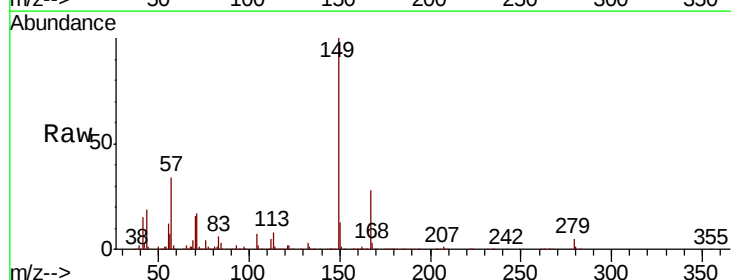
Manual Integrations
 APPROVED

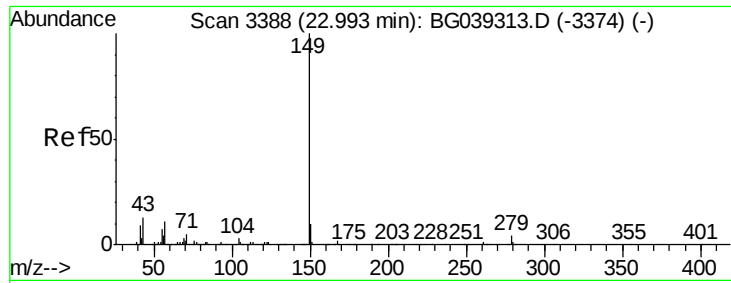
Sohil
 2/18/2019 12:14:19 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.157 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.04 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.6	34.0
279	4.8	3.5	5.3





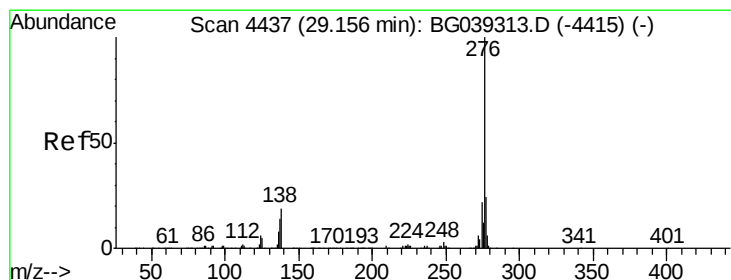
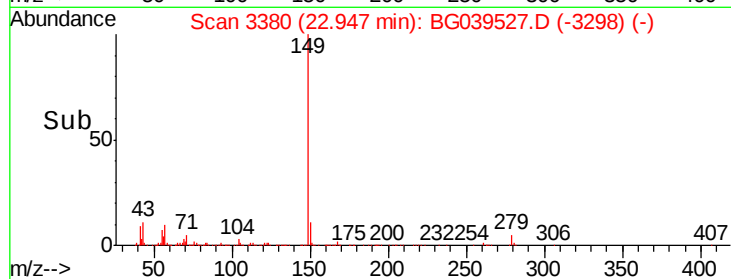
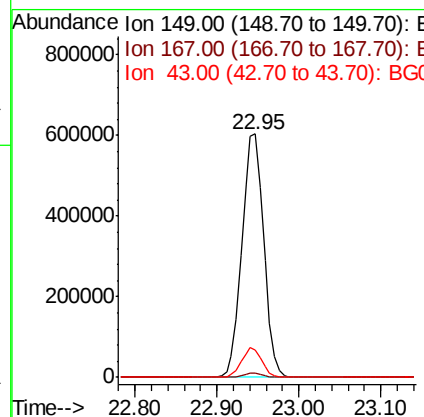
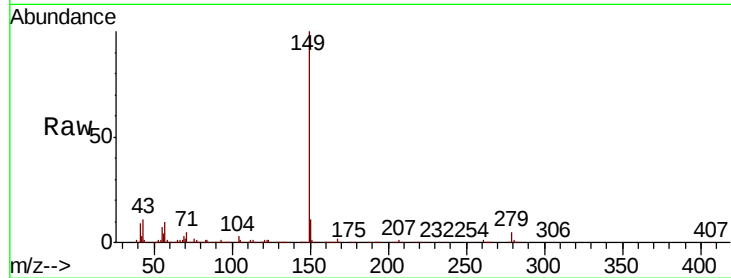
#85
Di-n-octyl phthalate
Concen: 45.926 ng
RT: 22.95 min Scan# 3380
Delta R.T. -0.05 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.2	10.2	15.4

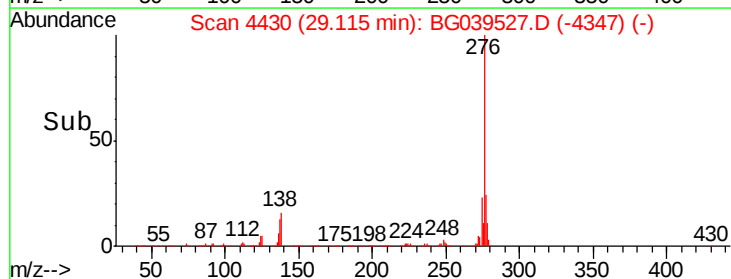
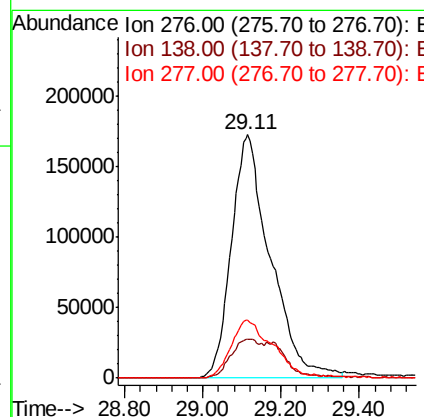
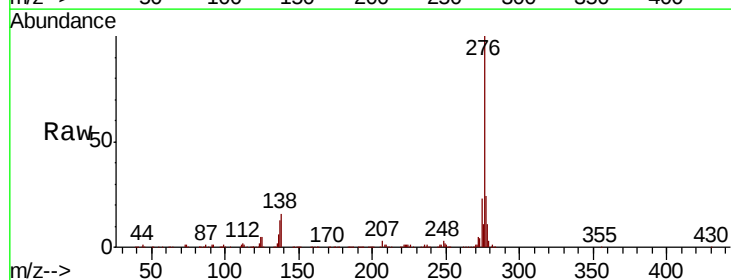
Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.318 ng
RT: 29.11 min Scan# 4430
Delta R.T. -0.04 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.6	12.6	19.0#
277	25.2	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.22 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

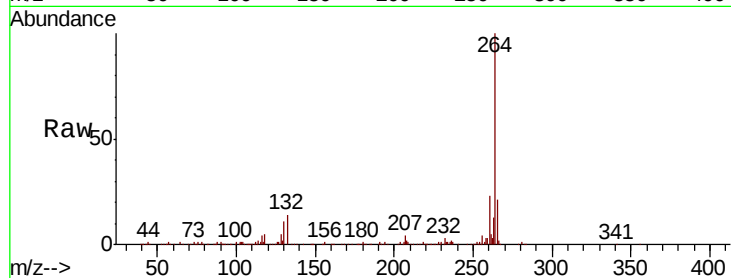
ClientSampleId :

CL-01-021419-AMS

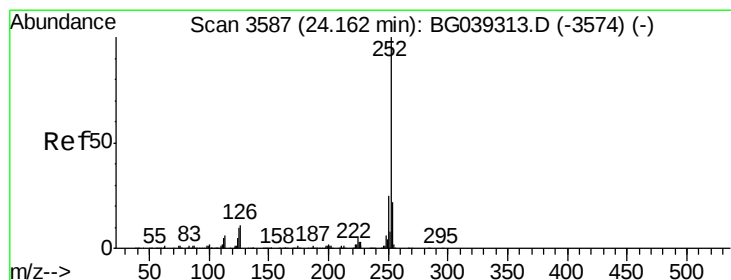
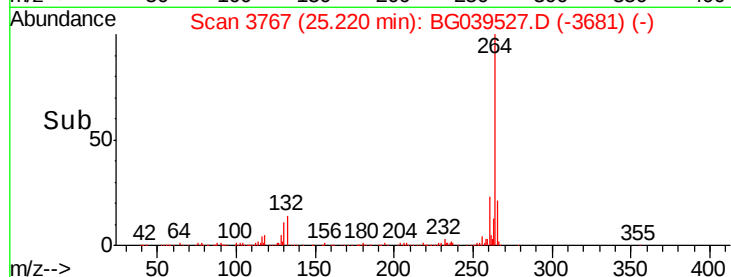
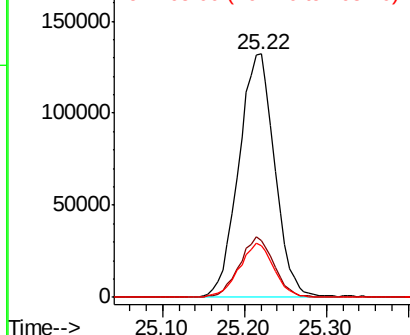
Tot Ion:	264	Resp:	405389
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.2	27.4
265	21.3	18.5	27.7

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



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



#88

Benzo(b)fluoranthene

Concen: 47.680 ng

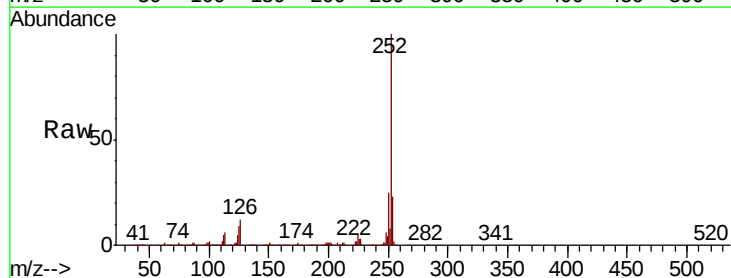
RT: 24.13 min Scan# 3582

Delta R.T. -0.03 min

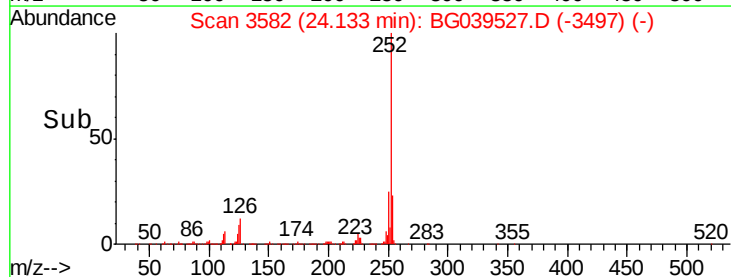
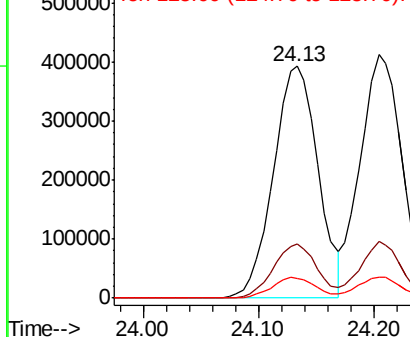
Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Tgt Ion:	252	Resp:	1054122
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.8
125	8.6	7.8	11.6



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





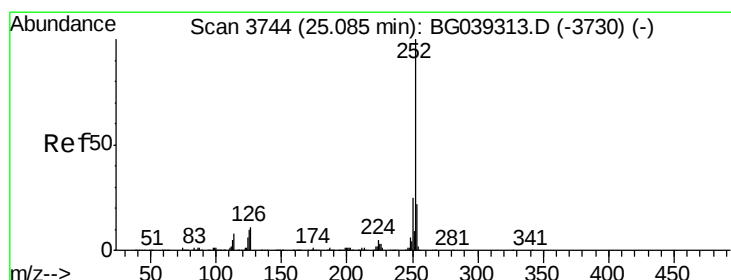
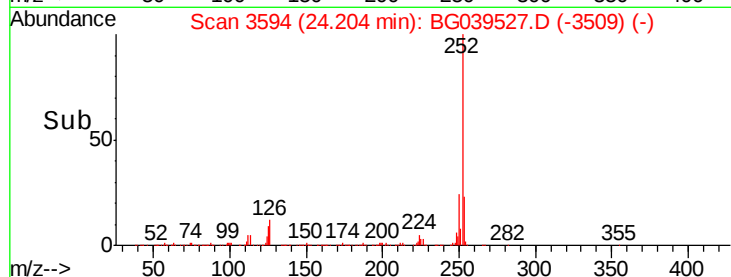
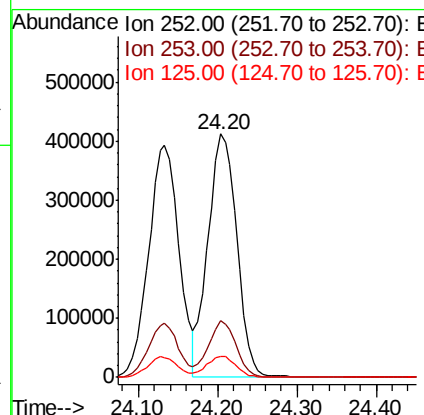
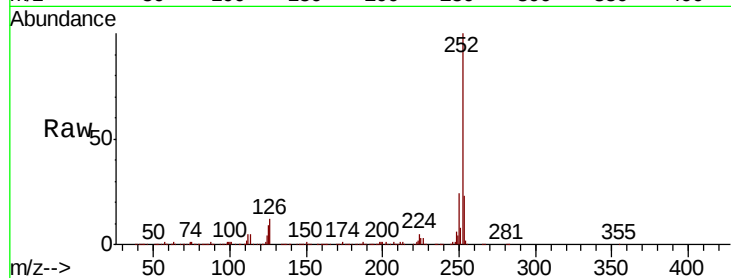
#89
Benzo(k)fluoranthene
Concen: 46.827 ng
RT: 24.20 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	8.6	7.4	11.2

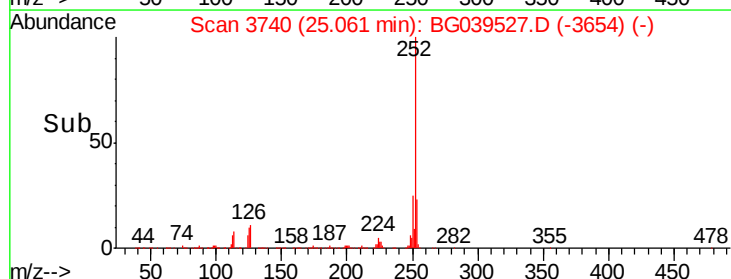
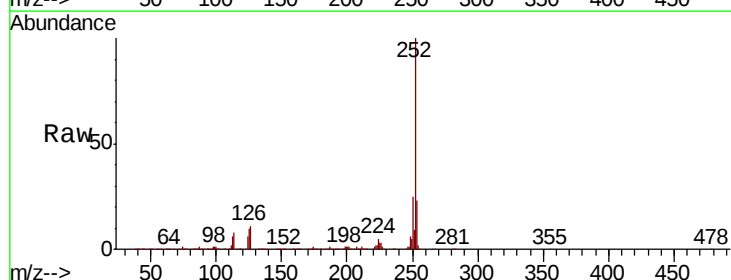
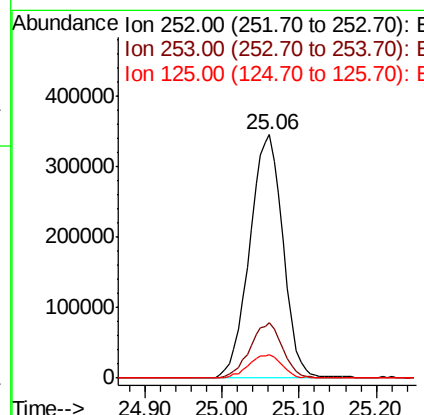
Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM



#90
Benzo(a)pyrene
Concen: 49.040 ng
RT: 25.06 min Scan# 3740
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	9.8	8.3	12.5





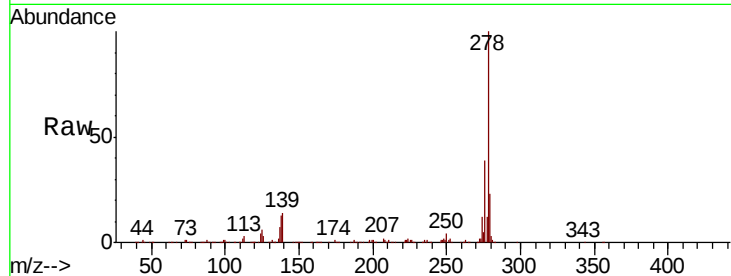
#91
Dibenzo(a,h)anthracene
Concen: 48.598 ng
RT: 29.19 min Scan# 4442
Delta R.T. -0.05 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.7	17.5
279	23.5	19.1	28.7

Manual Integrations
APPROVED

Sohil
2/18/2019 12:14:19 PM

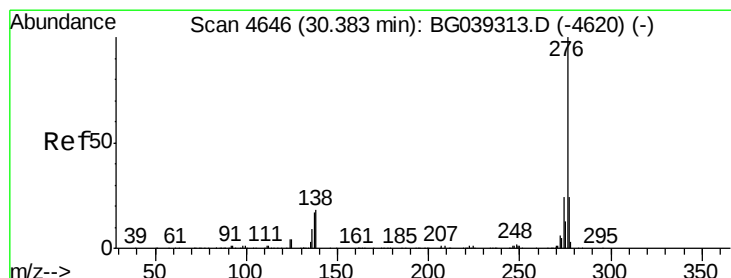
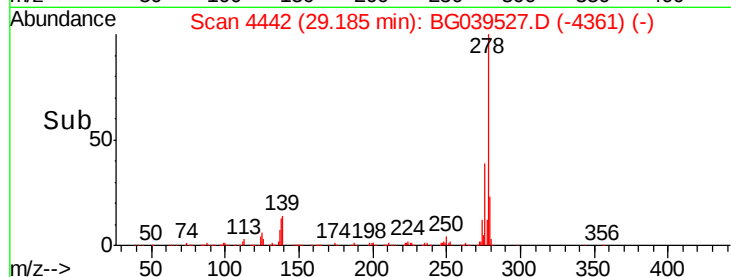
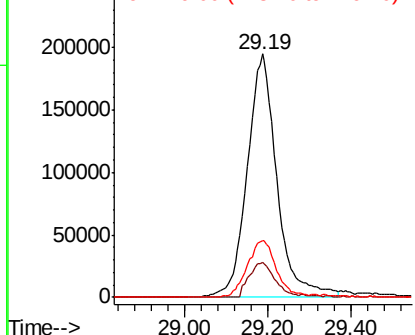


Abundance

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: 48.875 ng
RT: 30.34 min Scan# 4638
Delta R.T. -0.05 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	17.5	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

