

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039135.D
 Acq On : 15 Jan 2019 17:16
 Operator : JU/SJ
 Sample : PB116382BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:06:02 PM

Quant Time: Jan 16 01:13:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	8349	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	54744	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	53170	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	217442	20.00	ng	0.00
76) Chrysene-d12	21.69	240	190448	20.00	ng	-0.01
87) Perylene-d12	24.97	264	194993	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	82482	187.41	ng	0.00
7) Phenol-d6	7.19	99	139553	220.33	ng	0.00
23) Nitrobenzene-d5	9.20	82	67777	67.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	156722	175.84	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	269411	69.34	ng	0.00
79) Terphenyl-d14	20.02	244	944681	91.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	4198	24.357	ng	# 69
3) Pyridine	3.87	79	15883	33.915	ng	99
4) n-Nitrosodimethylamine	3.78	42	9956	47.243	ng	93
6) Aniline	7.36	93	26631	35.009	ng	99
8) 2-Chlorophenol	7.59	128	30018	57.859	ng	98
9) Benzaldehyde	7.17	77	8034	21.994	ng	83
10) Phenol	7.22	94	40796	64.243	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	20262	41.748	ng	95
12) 1,3-Dichlorobenzene	7.91	146	22260	35.811	ng	96
13) 1,4-Dichlorobenzene	8.06	146	24436	38.816	ng	100
14) 1,2-Dichlorobenzene	8.38	146	24177	40.279	ng	97
15) Benzyl Alcohol	8.27	79	29268	61.359	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	39920	42.895	ng	97
17) 2-Methylphenol	8.47	107	28855	65.439	ng	96
18) Hexachloroethane	9.10	117	7841	36.662	ng	87
19) n-Nitroso-di-n-propylamine	8.83	70	21173	50.905	ng	# 98
20) 3+4-Methylphenols	8.80	107	41663	66.271	ng	97
22) Acetophenone	8.85	105	44132	30.869	ng	# 98
24) Nitrobenzene	9.24	77	33453	33.082	ng	95
25) Isophorone	9.75	82	68927	39.997	ng	100
26) 2-Nitrophenol	9.96	139	19280	35.249	ng	92
27) 2,4-Dimethylphenol	10.00	122	37381	48.578	ng	92
28) bis(2-Chloroethoxy)methane	10.24	93	37146	35.865	ng	98
29) 2,4-Dichlorophenol	10.49	162	44639	46.694	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	38937	33.898	ng	96
31) Naphthalene	10.89	128	108633	39.565	ng	99
32) Benzoic acid	10.16	122	17819	39.687	ng	94
33) 4-Chloroaniline	11.02	127	50104	40.783	ng	96
34) Hexachlorobutadiene	11.15	225	23650	29.923	ng	98
35) Caprolactam	11.79	113	24831m	64.774	ng	
36) 4-Chloro-3-methylphenol	12.13	107	61716	60.359	ng	93
37) 2-Methylnaphthalene	12.49	142	106023	51.504	ng	99
38) 1-Methylnaphthalene	12.72	142	96155	48.665	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	63067	31.583	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039135.D
 Acq On : 15 Jan 2019 17:16
 Operator : JU/SJ
 Sample : PB116382BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

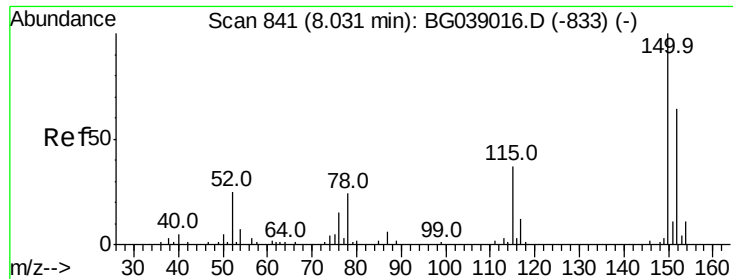
Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:06:02 PM

Quant Time: Jan 16 01:13:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	50173	47.149	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	61853	49.216	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	63382	47.717	ng	99
46) 1,1'-Biphenyl	13.50	154	145914	34.634	ng	99
47) 2-Chloronaphthalene	13.55	162	125466	36.801	ng	98
48) 2-Nitroaniline	13.76	65	44087	46.158	ng	91
49) Acenaphthylene	14.39	152	210278	41.034	ng	99
50) Dimethylphthalate	14.11	163	184458	41.054	ng	99
51) 2,6-Dinitrotoluene	14.25	165	42765	42.572	ng	96
52) Acenaphthene	14.73	154	123269	40.037	ng	96
53) 3-Nitroaniline	14.58	138	34313	33.672	ng	99
54) 2,4-Dinitrophenol	14.80	184	41503	69.838	ng	97
55) Dibenzofuran	15.07	168	224845	41.349	ng	99
56) 4-Nitrophenol	14.90	139	78062	106.463	ng	99
57) 2,4-Dinitrotoluene	15.04	165	70179	48.695	ng	97
58) Fluorene	15.71	166	194457	47.509	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	65134	51.947	ng	97
60) Diethylphthalate	15.47	149	201956	43.626	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	105687	40.985	ng	100
62) 4-Nitroaniline	15.75	138	57467	54.133	ng	99
63) Azobenzene	15.99	77	167416	46.245	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	43756	27.162	ng	94
66) n-Nitrosodiphenylamine	15.92	169	187746	29.126	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	81582	29.187	ng	95
68) Hexachlorobenzene	16.71	284	88941	29.161	ng	93
69) Atrazine	16.86	200	89271	32.600	ng	96
70) Pentachlorophenol	17.06	266	97330	53.704	ng	96
71) Phenanthrene	17.46	178	437585	38.073	ng	98
72) Anthracene	17.55	178	457077	40.222	ng	100
73) Carbazole	17.83	167	436945	38.950	ng	99
74) Di-n-butylphthalate	18.36	149	461646	36.991	ng	99
75) Fluoranthene	19.47	202	587250	41.216	ng	100
77) Benzidine	19.65	184	146618	25.170	ng	98
78) Pyrene	19.83	202	561220	46.240	ng	98
80) Butylbenzylphthalate	20.70	149	219556	47.563	ng	95
81) Benzo(a)anthracene	21.67	228	482432	41.612	ng	100
82) 3,3'-Dichlorobenzidine	21.59	252	111442	23.592	ng	98
83) Chrysene	21.74	228	447508	40.585	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	268792	41.936	ng	96
85) Di-n-octyl phthalate	22.75	149	395624	36.503	ng	100
86) Indeno(1,2,3-cd)pyrene	28.71	276	490025	37.192	ng	# 97
88) Benzo(b)fluoranthene	23.91	252	530769	49.365	ng	99
89) Benzo(k)fluoranthene	23.98	252	515424	48.485	ng	98
90) Benzo(a)pyrene	24.81	252	473148	45.528	ng	99
91) Dibenzo(a,h)anthracene	28.78	278	407943	39.464	ng	99
92) Benzo(g,h,i)perylene	29.90	276	418246	40.870	ng	96

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



#1

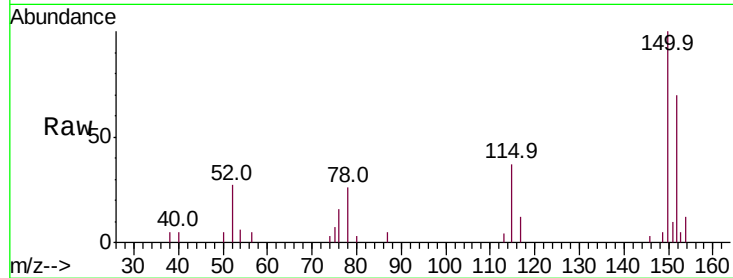
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

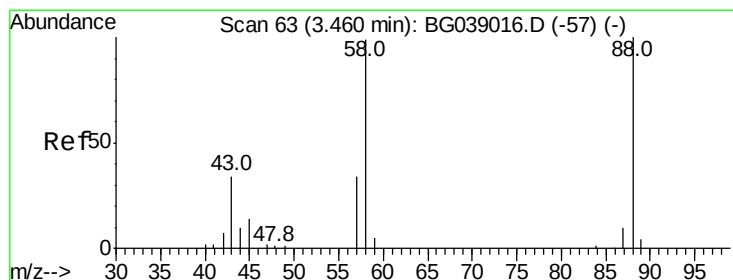
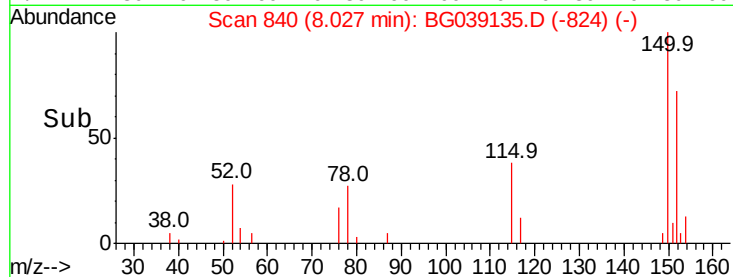
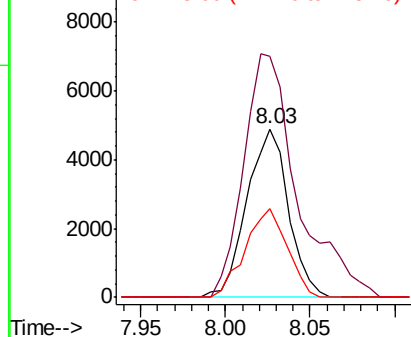
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.1	124.7	187.1
115	52.6	46.5	69.7

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM



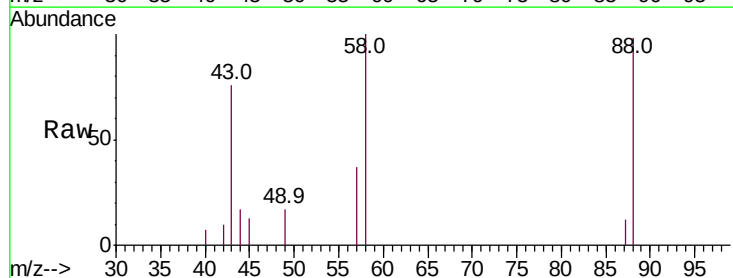
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



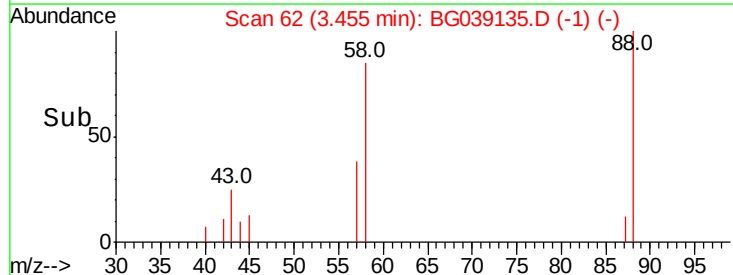
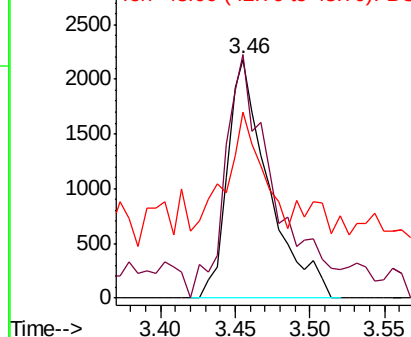
#2

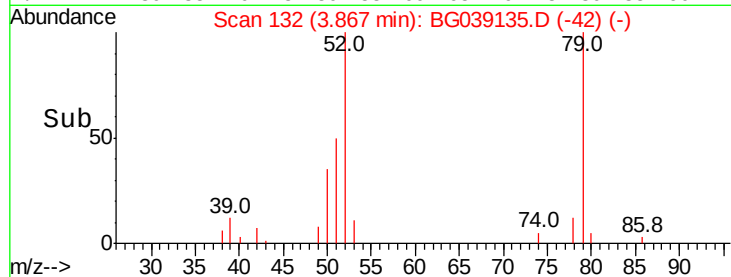
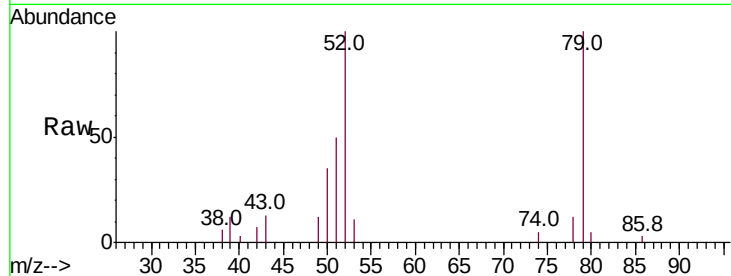
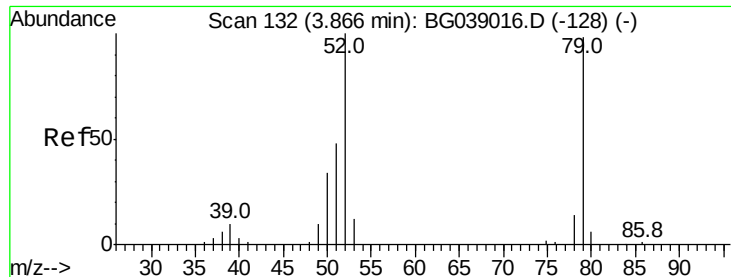
1,4-Dioxane
Concen: 24.357 ng
RT: 3.46 min Scan# 62
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	122.4	72.4	108.6#
43	49.2	27.6	41.4#



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: 33.915 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Tot Ion:	79	Resp:	15883
Ion	Ratio	Lower	Upper
79	100		
52	100.1	81.5	122.3
51	49.8	39.8	59.6

Instrument :

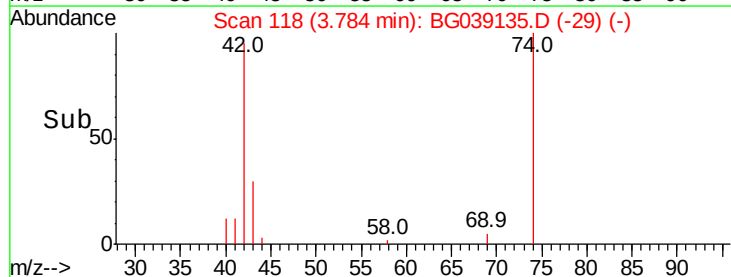
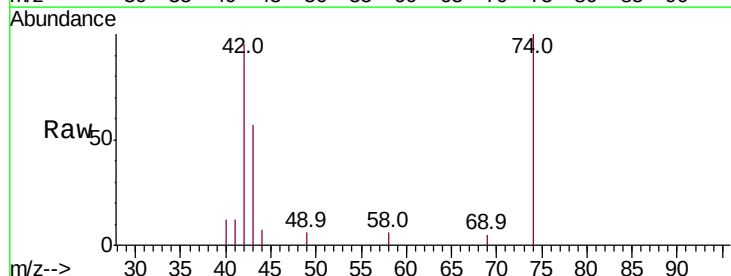
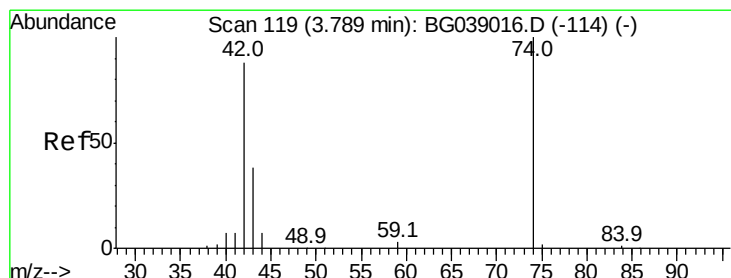
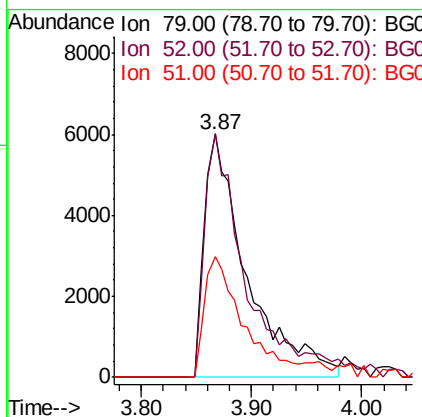
BNA_G

ClientSampleId :

PB116382BS

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM



#4

n-Nitrosodimethylamine

Concen: 47.243 ng

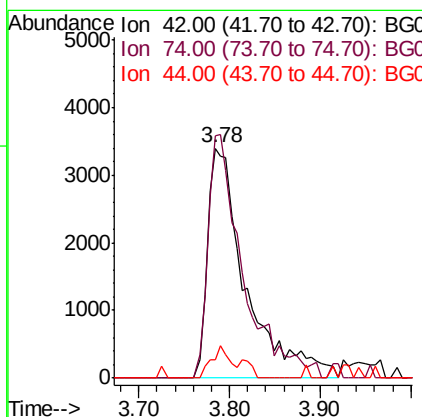
RT: 3.78 min Scan# 118

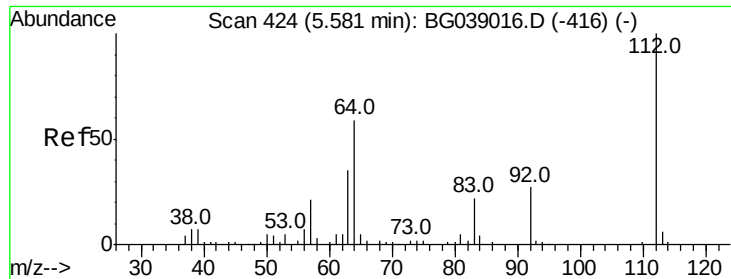
Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Tgt Ion:	42	Resp:	9956
Ion	Ratio	Lower	Upper
42	100		
74	105.7	90.7	136.1
44	7.8	6.5	9.7





#5

2-Fluorophenol

Concen: 187.408 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

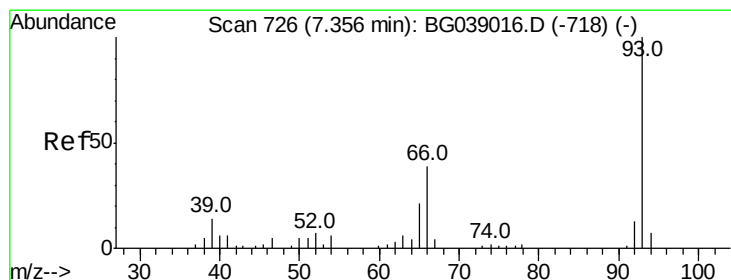
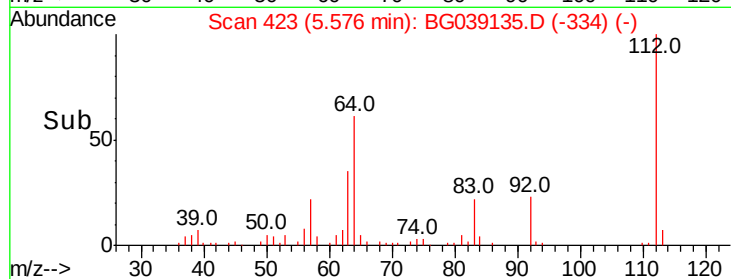
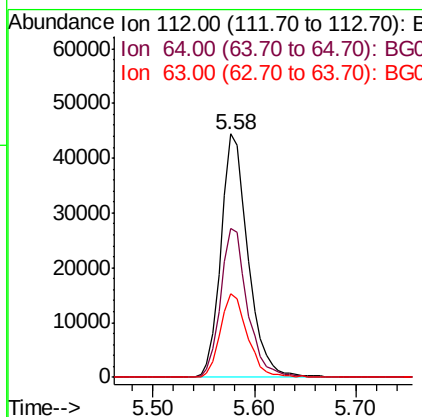
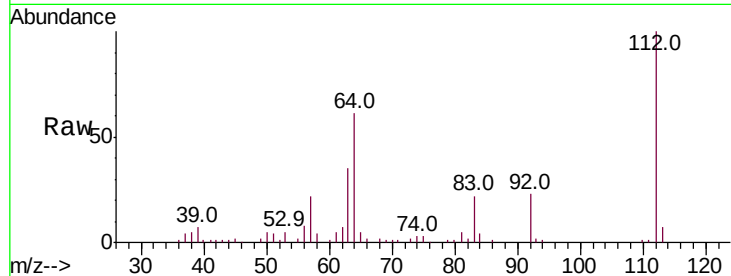
ClientSampled :

PB116382BS

Tot Ion:	112	Resp:	82482
Ion Ratio	Lower	Upper	
112	100		
64	60.9	47.0	70.6
63	34.6	28.0	42.0

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM



#6

Aniline

Concen: 35.009 ng

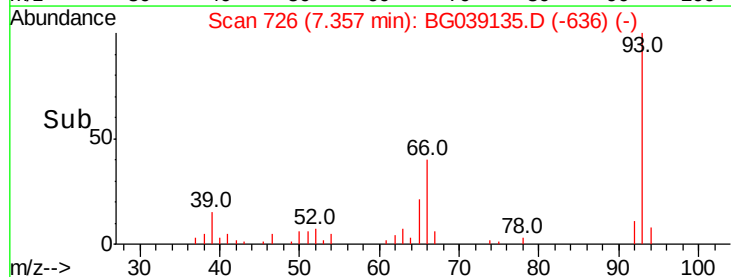
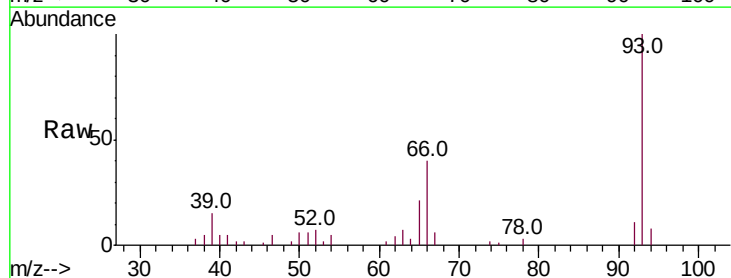
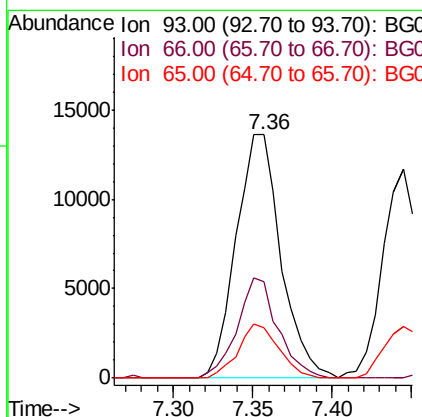
RT: 7.36 min Scan# 726

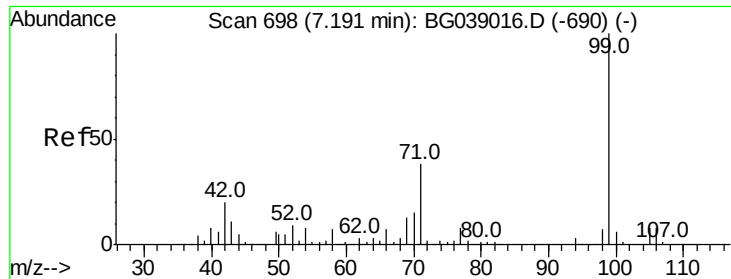
Delta R.T. 0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Tgt Ion:	93	Resp:	26631
Ion Ratio	Lower	Upper	
93	100		
66	39.6	30.9	46.3
65	20.7	17.0	25.4





#7

Phenol-d6

Concen: 220.327 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

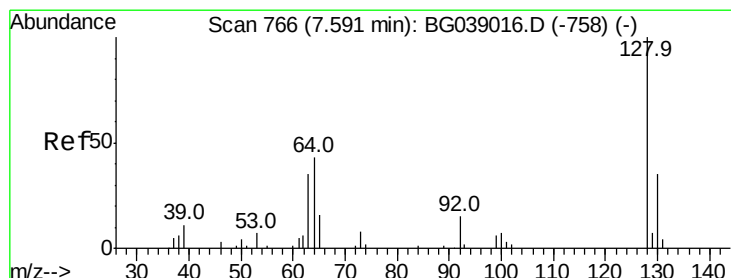
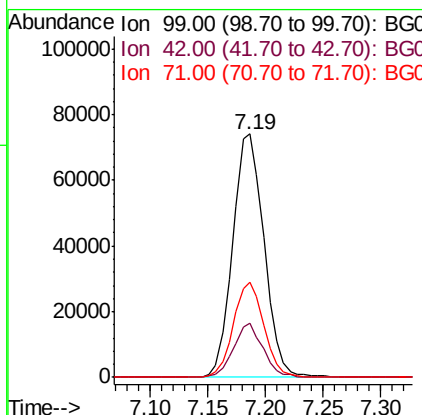
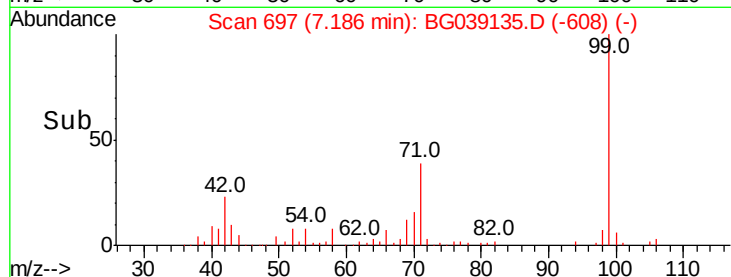
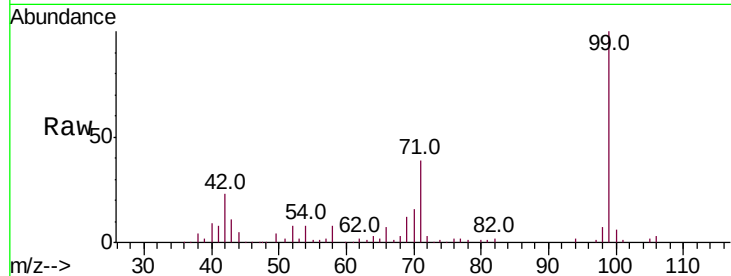
ClientSampled :

PB116382BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		139553		
42	22.5	15.8	23.6		
71	38.9	30.2	45.4		

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM



#8

2-Chlorophenol

Concen: 57.859 ng

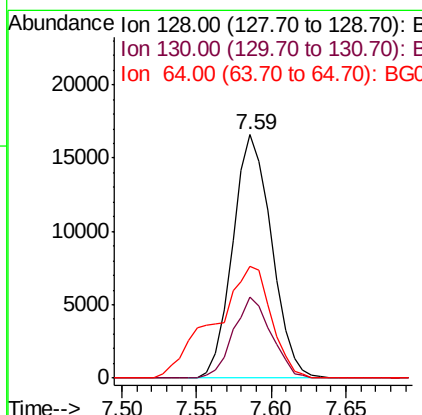
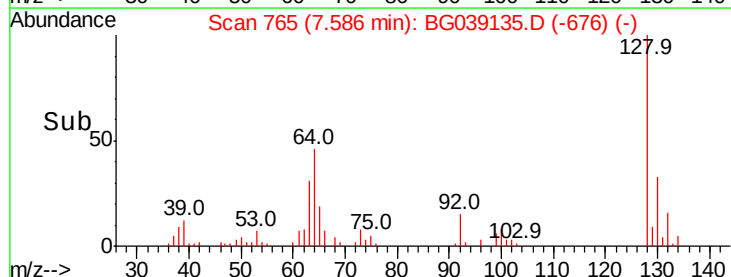
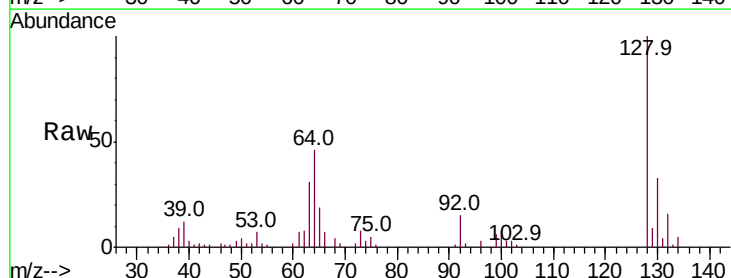
RT: 7.59 min Scan# 765

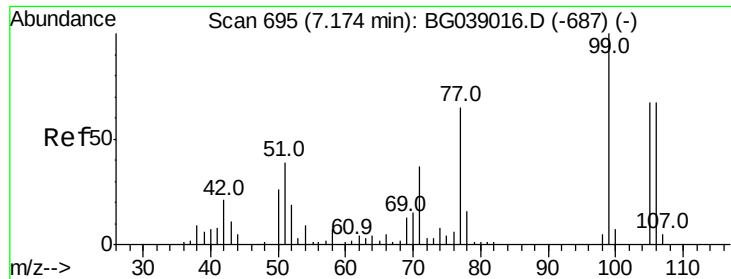
Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		30018		
130	33.3	14.5	54.5		
64	45.9	27.3	67.3		





#9

Benzaldehyde

Concen: 21.994 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

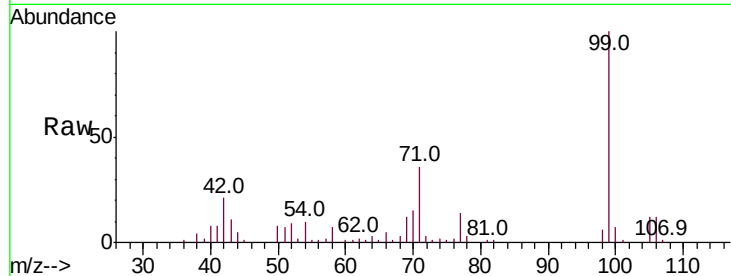
ClientSampled :

PB116382BS

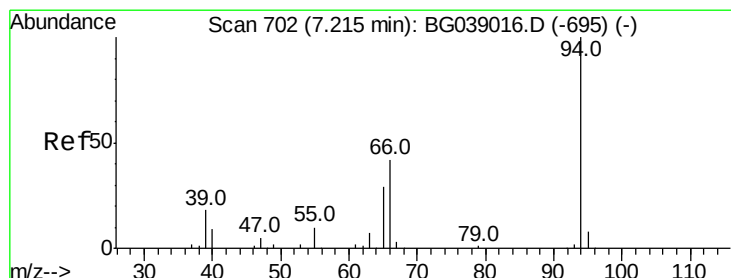
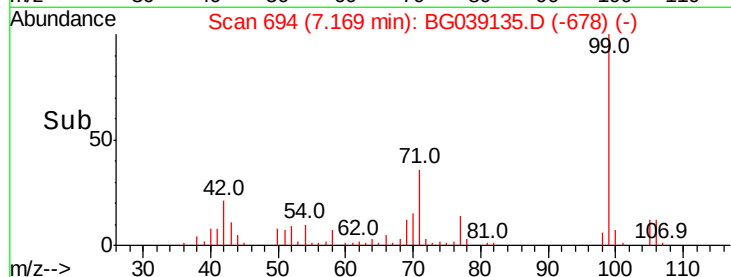
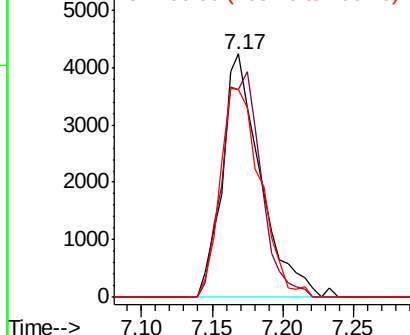
Tot Ion:	77	Resp:	8034
Ion	Ratio	Lower	Upper
77	100		
105	85.3	82.4	122.4
106	85.2	82.8	122.8

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 64.243 ng

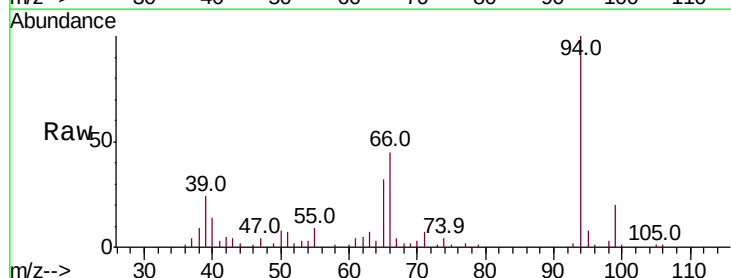
RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

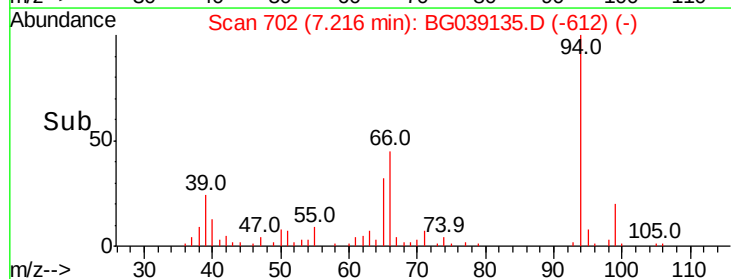
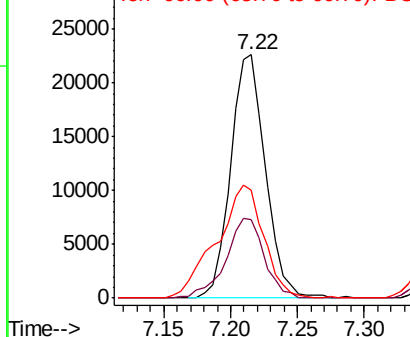
Lab File: BG039135.D

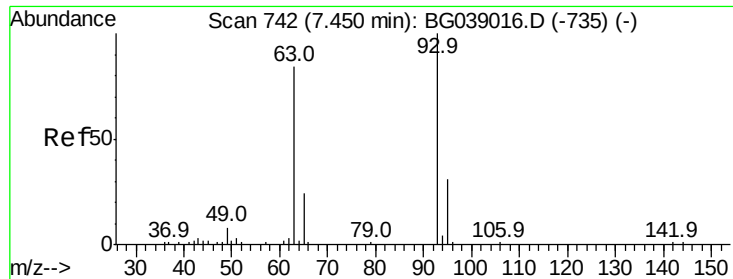
Acq: 15 Jan 2019 17:16

Tgt Ion:	94	Resp:	40796
Ion	Ratio	Lower	Upper
94	100		
65	32.0	10.3	50.3
66	44.6	25.1	65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





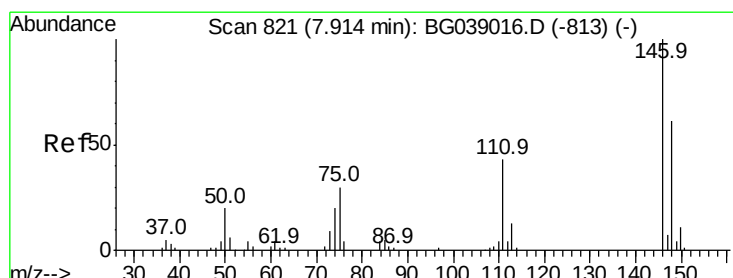
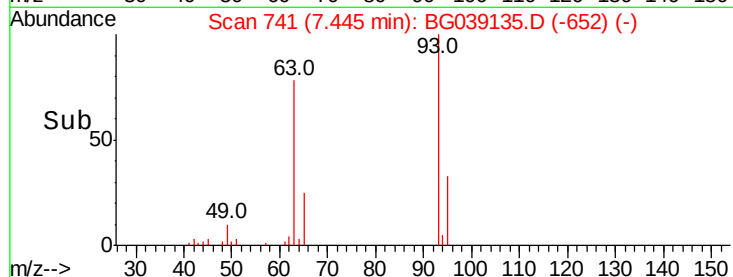
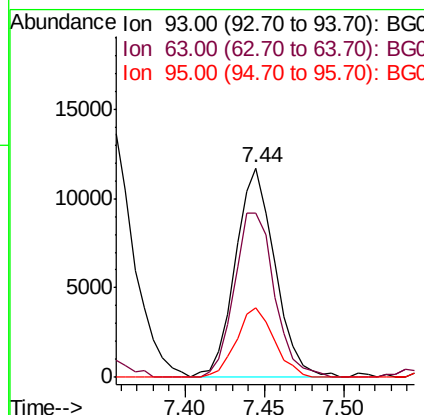
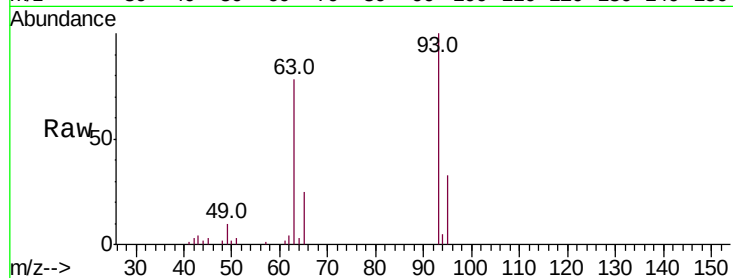
#11
bis(2-Chloroethyl)ether
Concen: 41.748 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.4	63.2	103.2
95	33.3	11.2	51.2

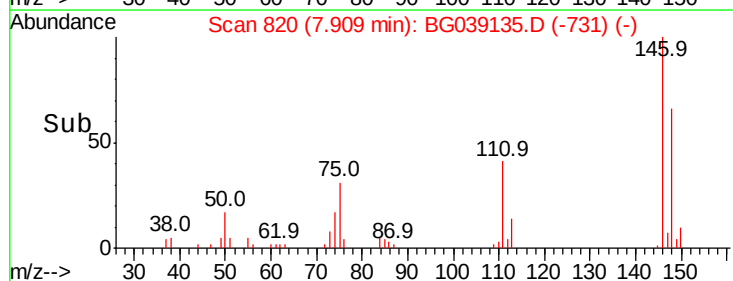
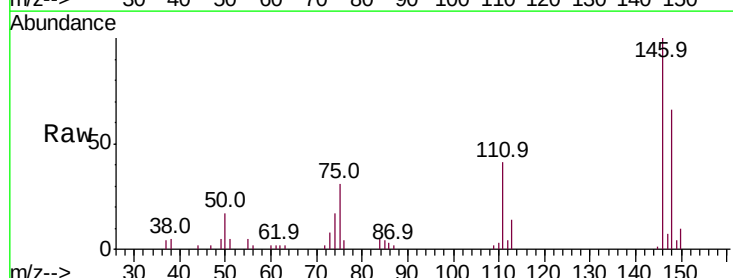
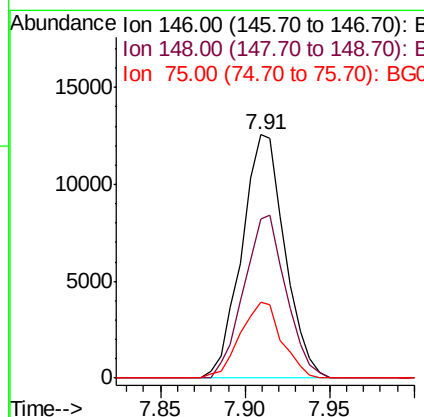
Manual Integrations
APPROVED

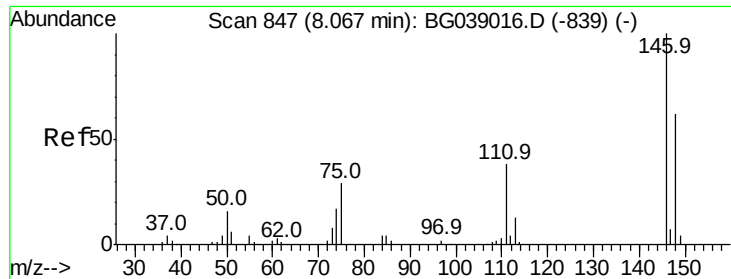
Sohil
1/16/2019 2:06:02 PM



#12
1,3-Dichlorobenzene
Concen: 35.811 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	49.1	73.7
75	31.2	23.9	35.9





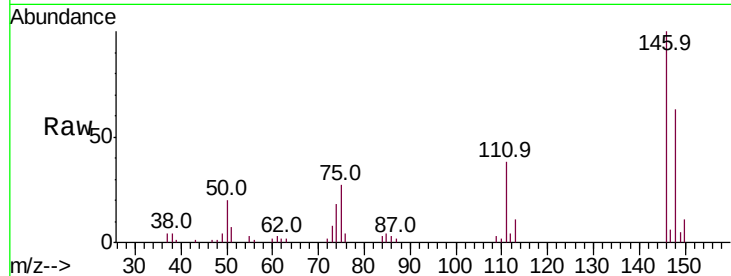
#13
 1,4-Dichlorobenzene
 Concen: 38.816 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	49.8	74.6
111	38.0	30.6	45.8

Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:06:02 PM

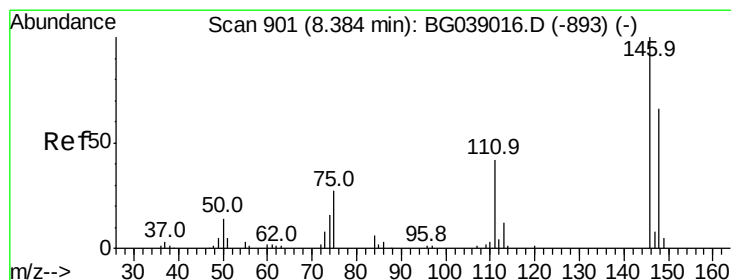
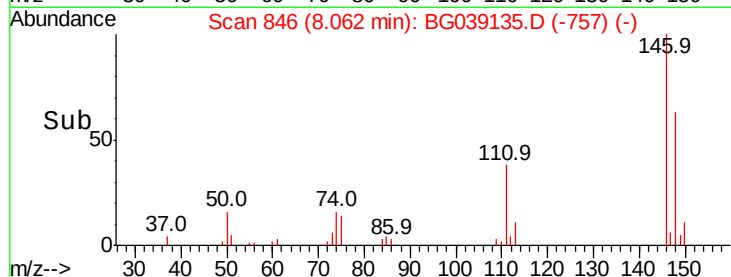
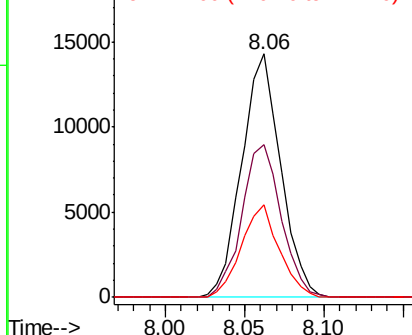


Abundance

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: 40.279 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

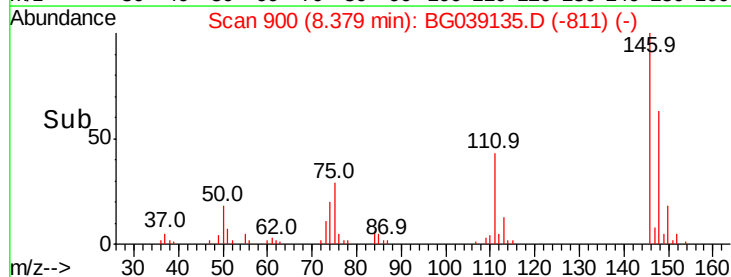
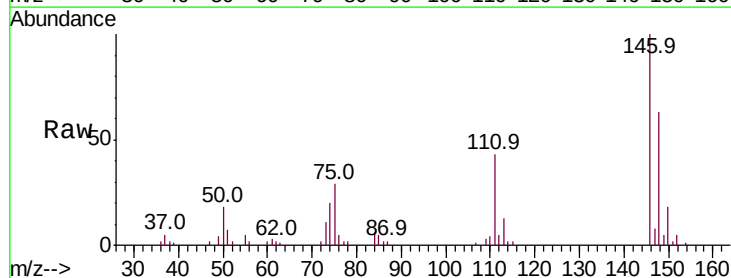
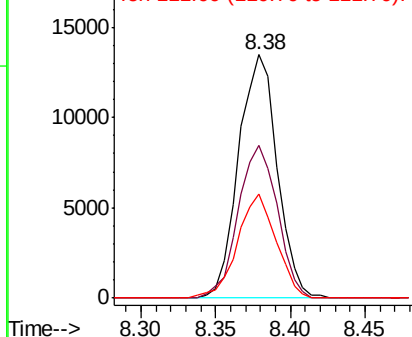
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.6	79.0
111	42.6	34.6	51.8

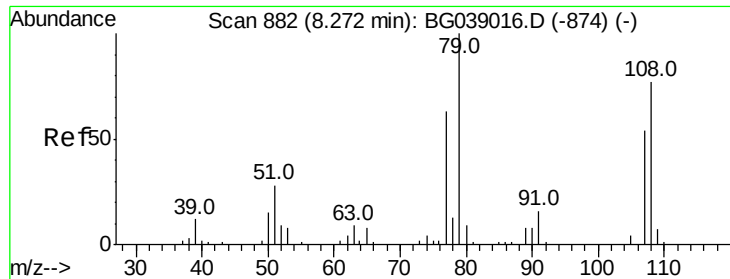
Abundance

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





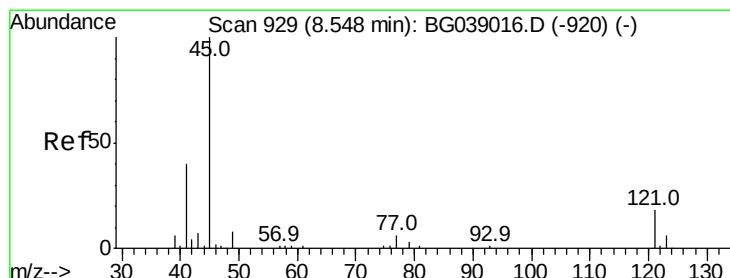
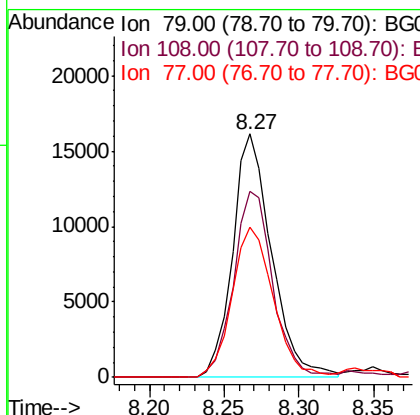
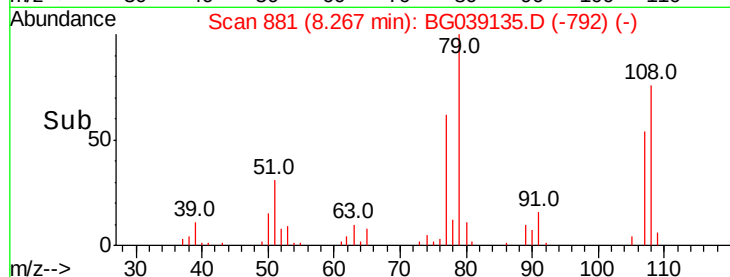
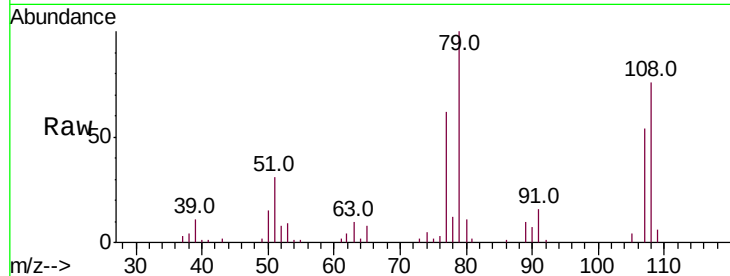
#15
Benzyl Alcohol
Concen: 61.359 ng
RT: 8.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	62.0	93.0
77	61.6	50.1	75.1

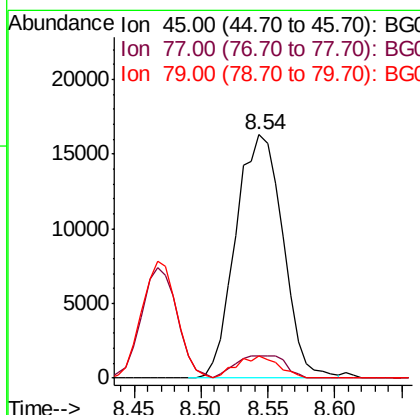
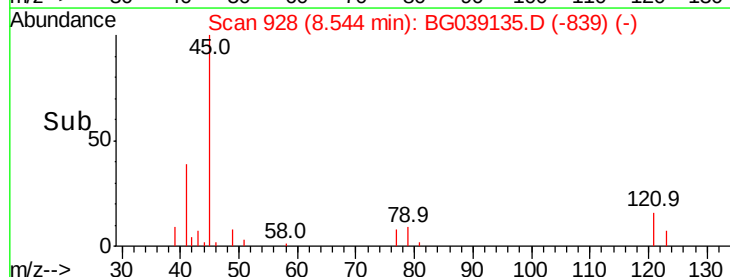
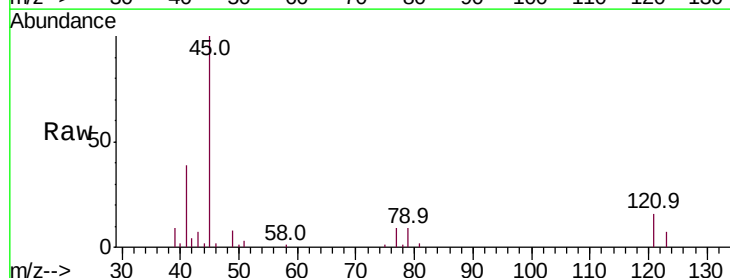
Manual Integrations
APPROVED

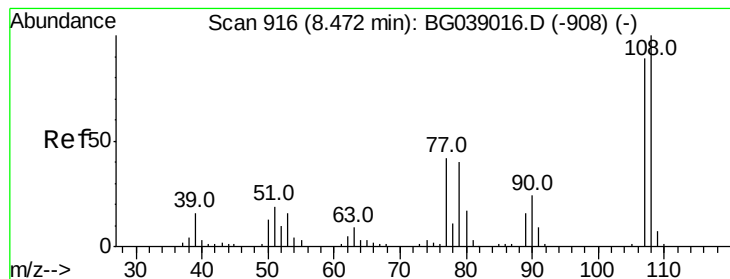
Sohil
1/16/2019 2:06:02 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.895 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.4	0.0	30.7
79	8.9	0.0	28.5





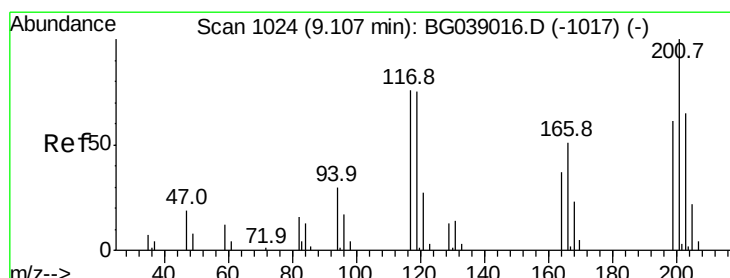
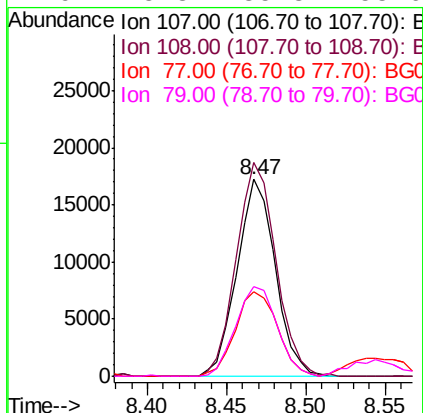
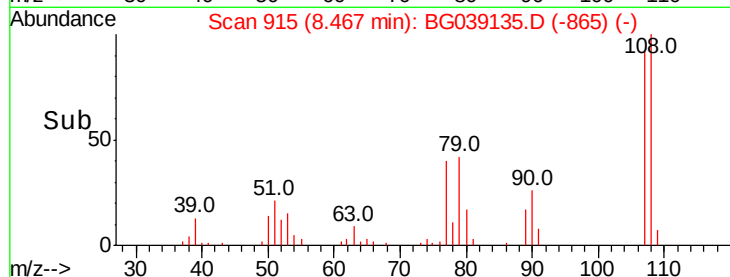
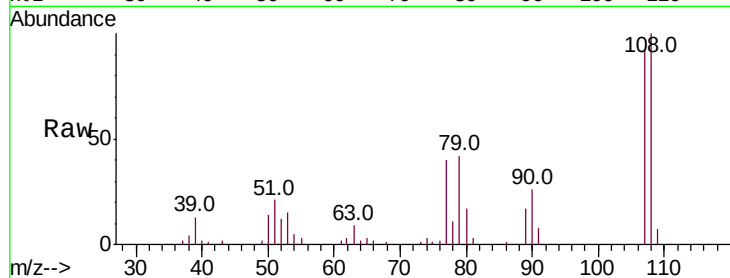
#17
2-Methylphenol
Concen: 65.439 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.5	90.3	135.5
77	42.9	38.3	57.5
79	45.3	35.8	53.6

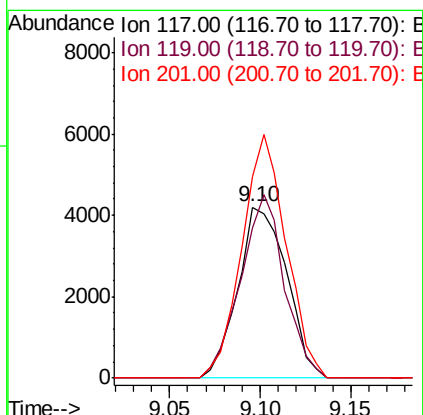
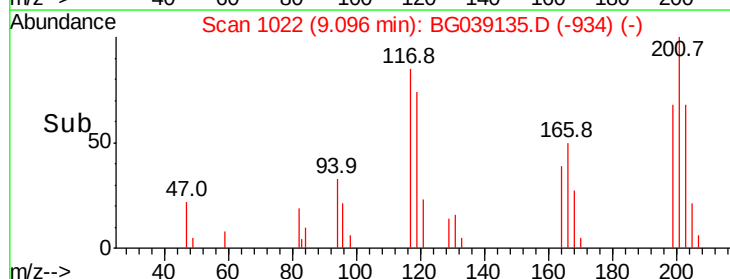
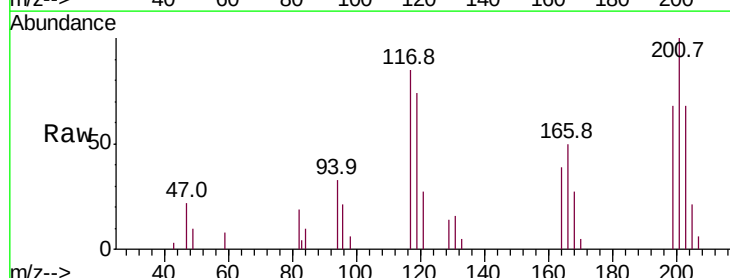
Manual Integrations
APPROVED

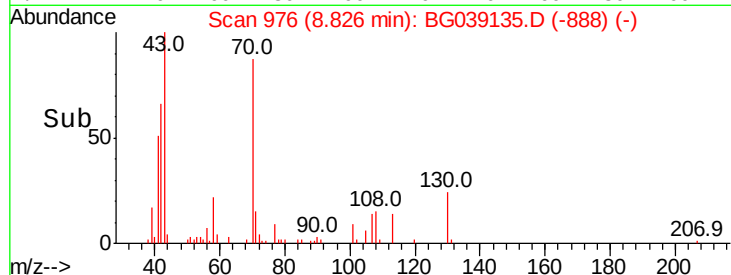
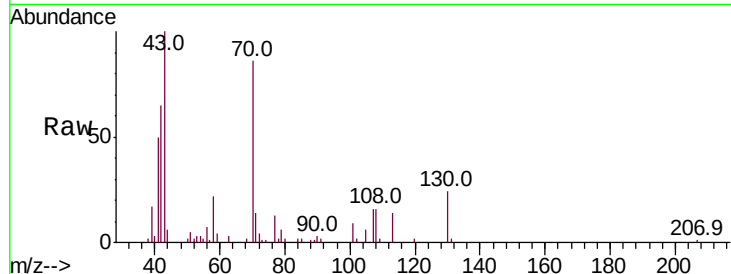
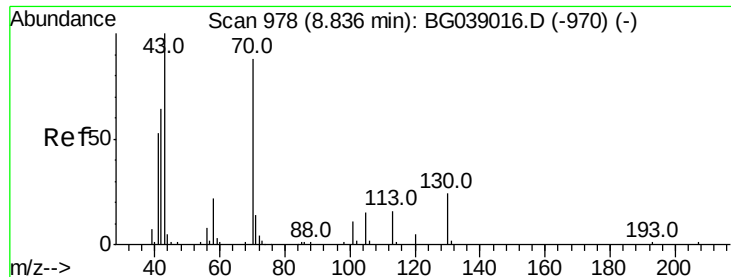
Sohil
1/16/2019 2:06:02 PM



#18
Hexachloroethane
Concen: 36.662 ng
RT: 9.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.4	78.7	118.1
201	117.6	108.1	162.1





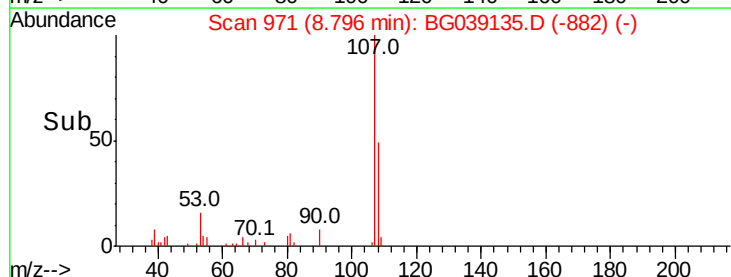
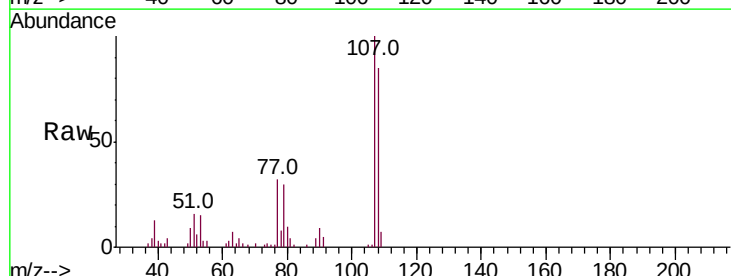
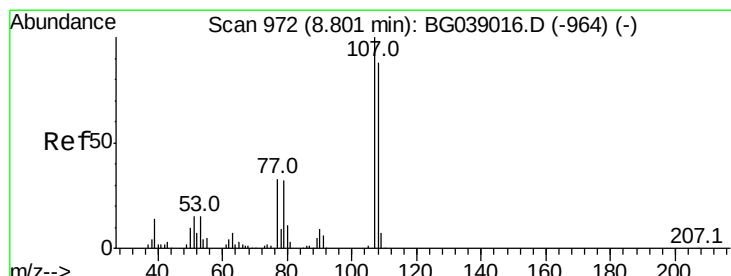
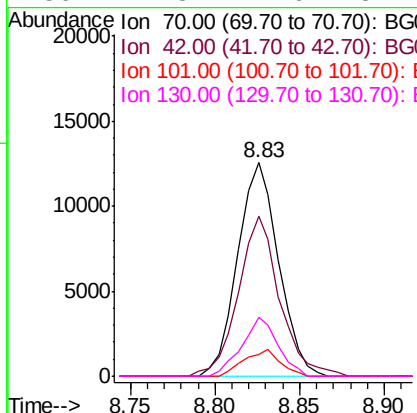
#19
n-Nitroso-di-n-propylamine
Concen: 50.905 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.2	59.0	88.4
101	10.1	10.4	15.6
130	27.8	21.6	32.4

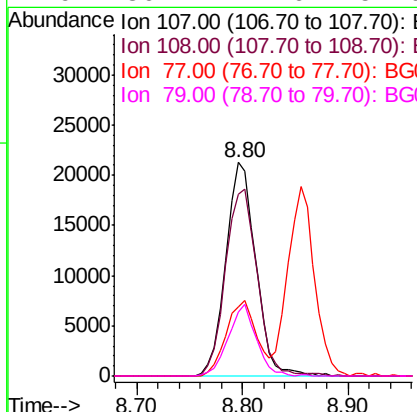
Manual Integrations
APPROVED

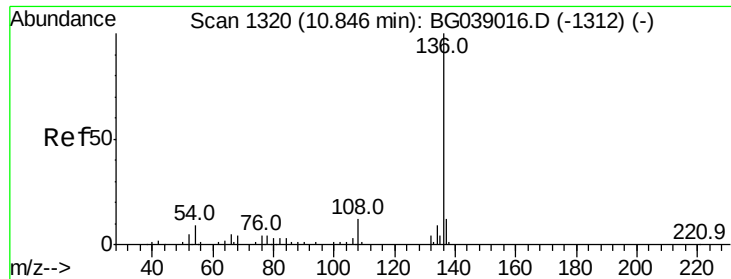
Sohil
1/16/2019 2:06:02 PM



#20
3+4-Methylphenols
Concen: 66.271 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.2	68.4	108.4
77	32.2	13.3	53.3
79	30.2	11.6	51.6





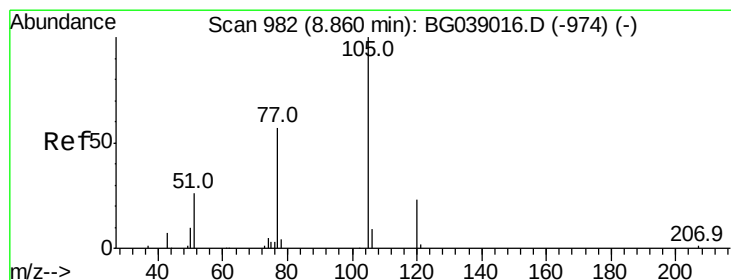
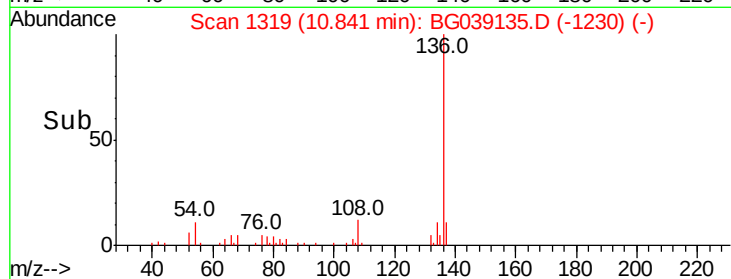
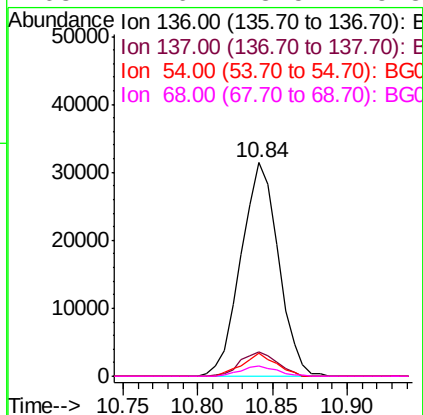
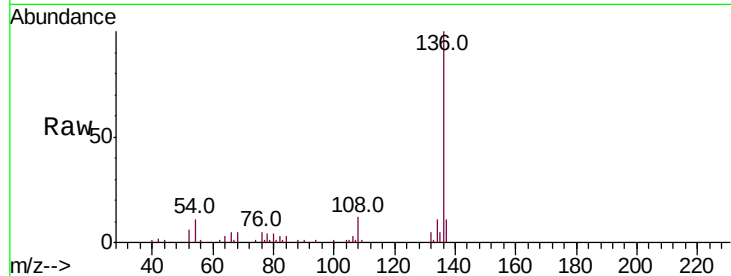
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	54744		
137	11.2		9.4	14.2
54	10.6		7.2	10.8
68	4.6		3.5	5.3

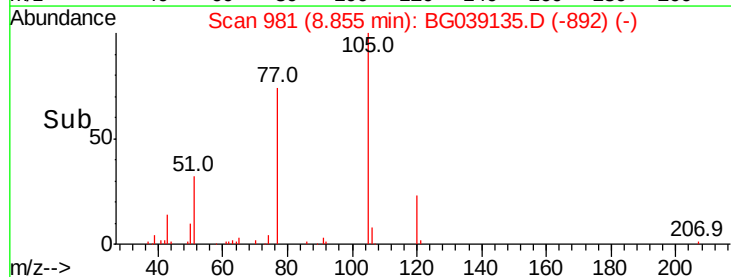
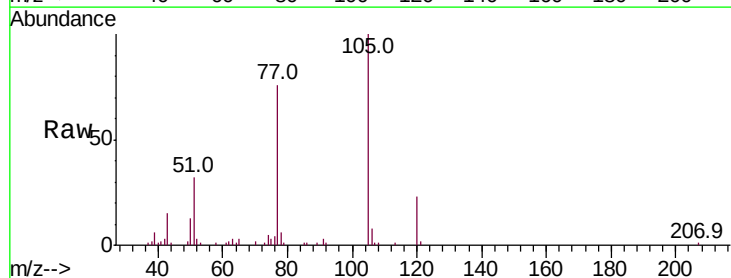
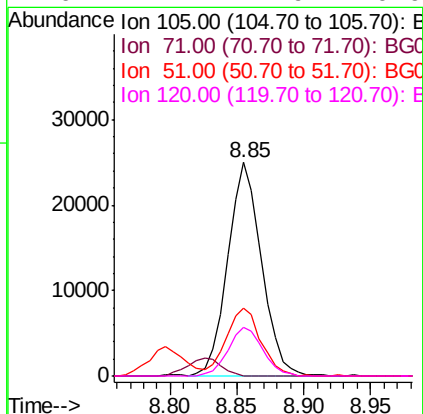
Manual Integrations
APPROVED

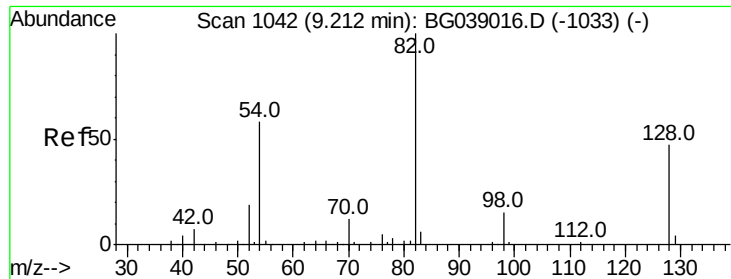
Sohil
1/16/2019 2:06:02 PM



#22
Acetophenone
Concen: 30.869 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	44132		
71	0.0		0.6	1.0#
51	31.9		26.6	39.8
120	22.7		17.9	26.9





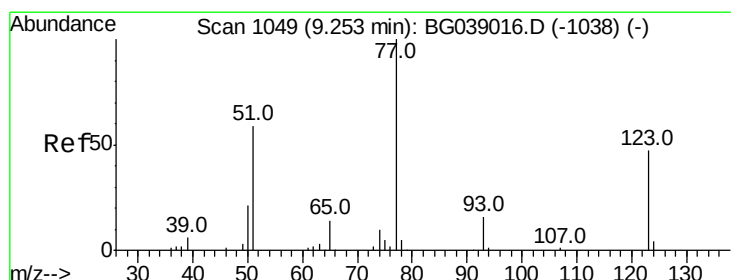
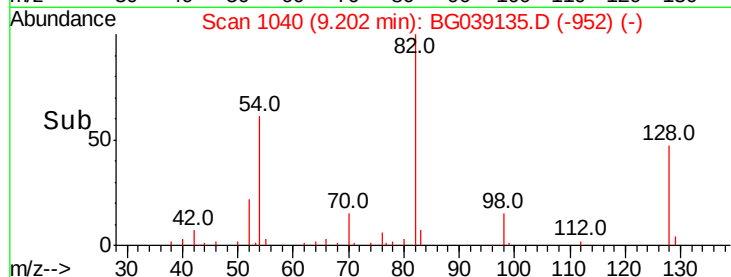
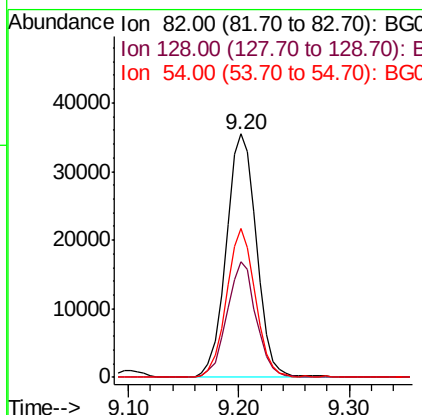
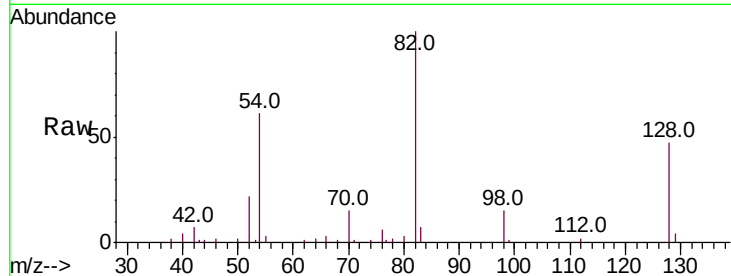
#23
Nitrobenzene-d5
Concen: 67.747 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampled :
PB116382BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.3	55.9
54	61.3	46.4	69.6

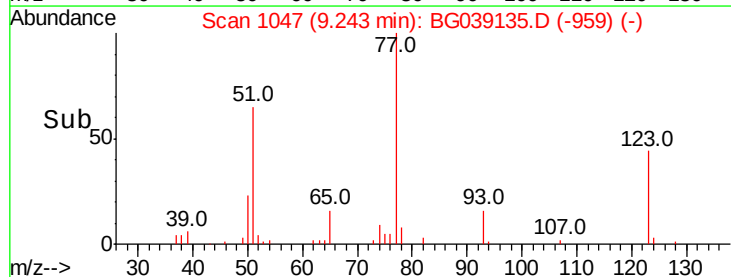
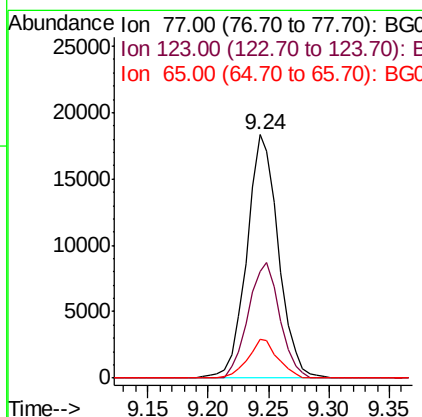
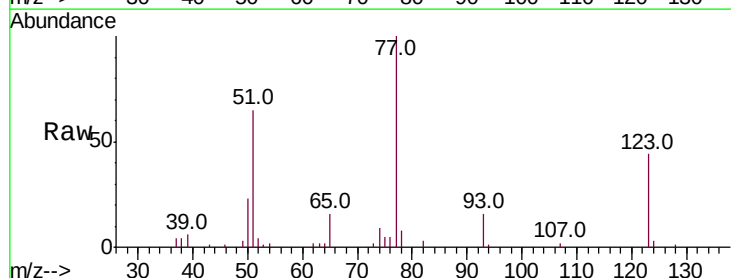
Manual Integrations
APPROVED

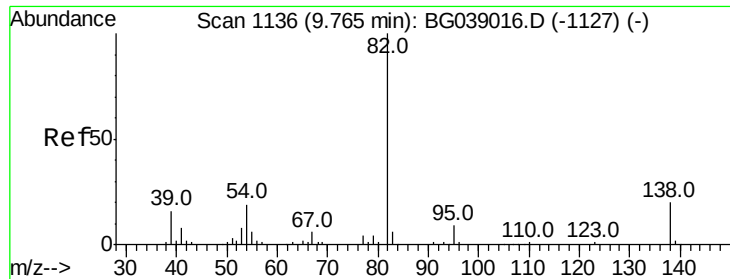
Sohil
1/16/2019 2:06:02 PM



#24
Nitrobenzene
Concen: 33.082 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	37.6	56.4
65	15.7	11.0	16.6





#25

Isophorone

Concen: 39.997 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

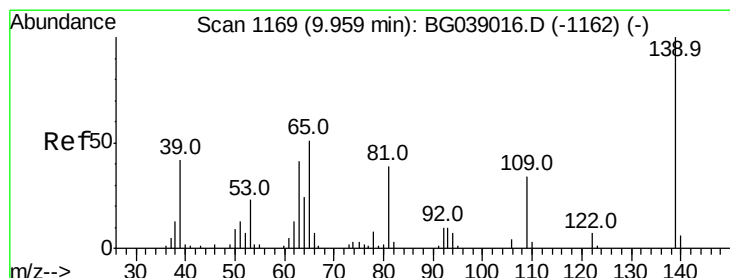
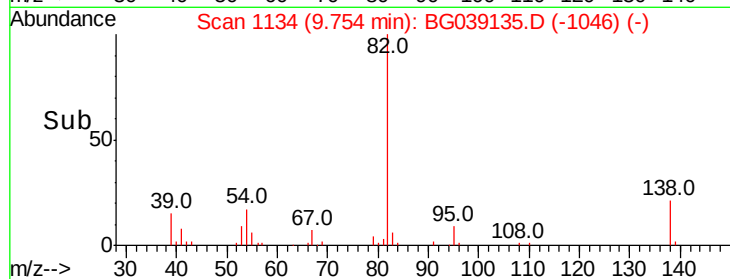
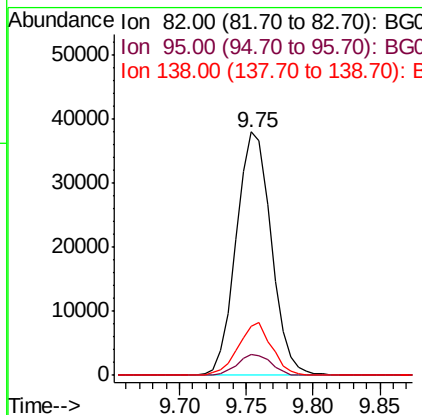
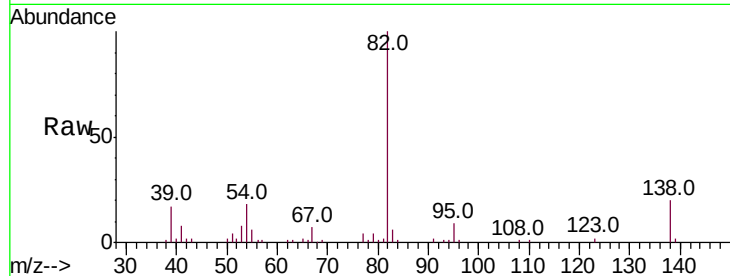
ClientSampleId :

PB116382BS

Tot Ion:	82	Resp:	68927
Ion Ratio	Lower	Upper	
82	100		
95	8.6	7.0	10.6
138	20.3	16.2	24.4

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM



#26

2-Nitrophenol

Concen: 35.249 ng

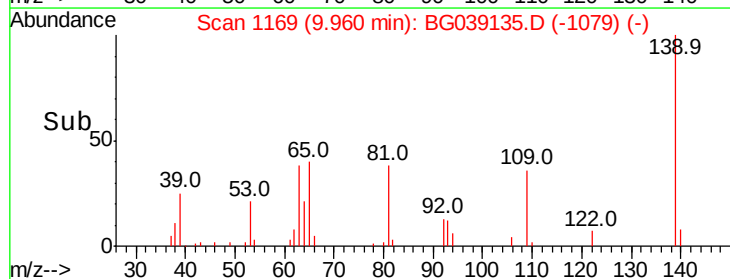
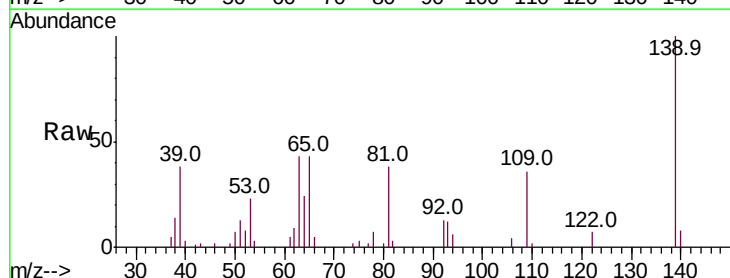
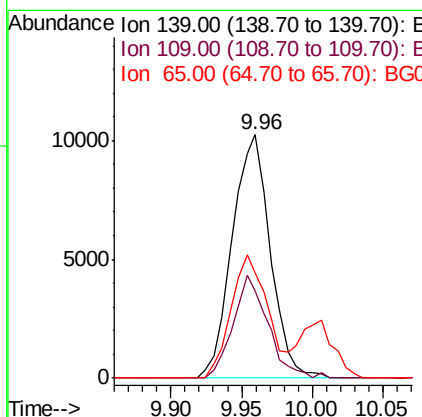
RT: 9.96 min Scan# 1169

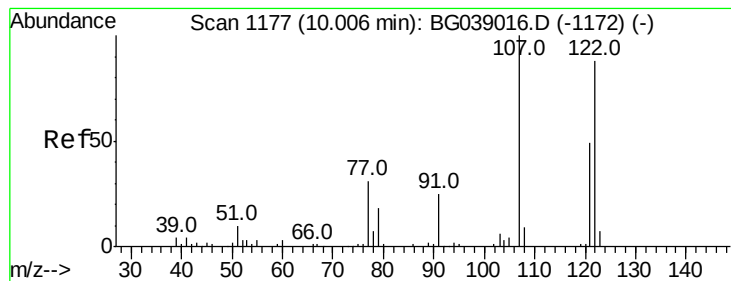
Delta R.T. 0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Tgt Ion:	139	Resp:	19280
Ion Ratio	Lower	Upper	
139	100		
109	35.9	27.3	40.9
65	43.4	40.6	61.0





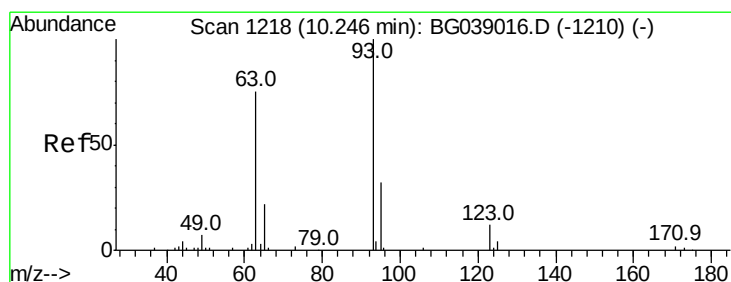
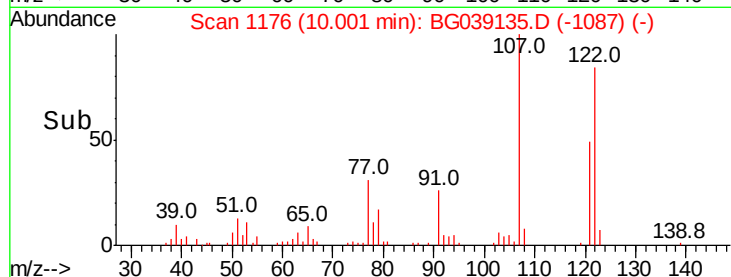
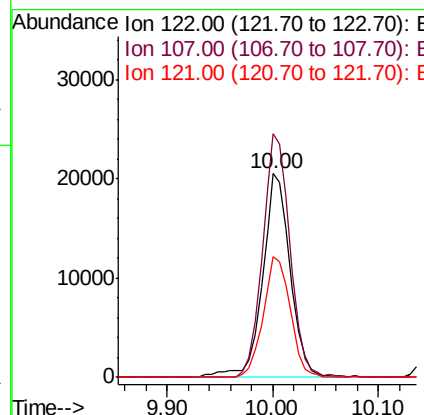
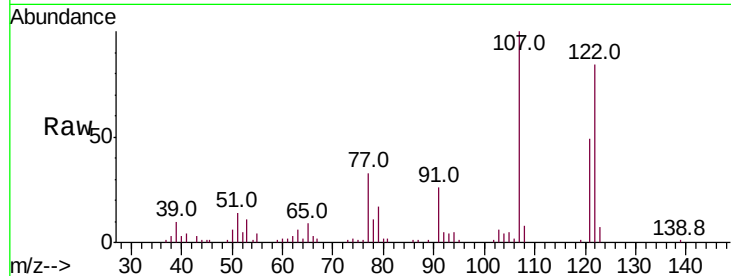
#27
 2,4-Dimethylphenol
 Concen: 48.578 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.6	88.8	133.2
121	59.1	43.1	64.7

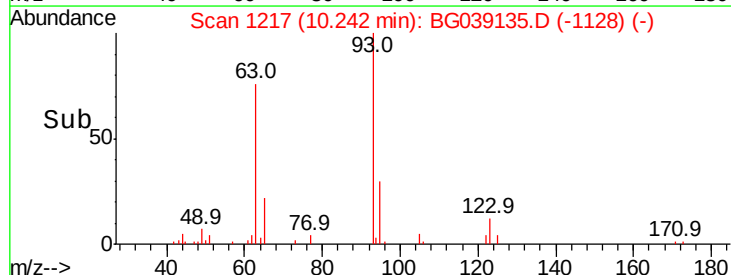
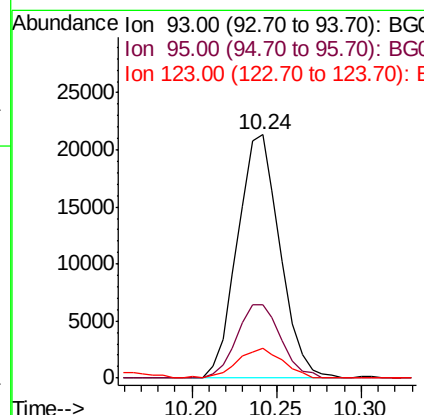
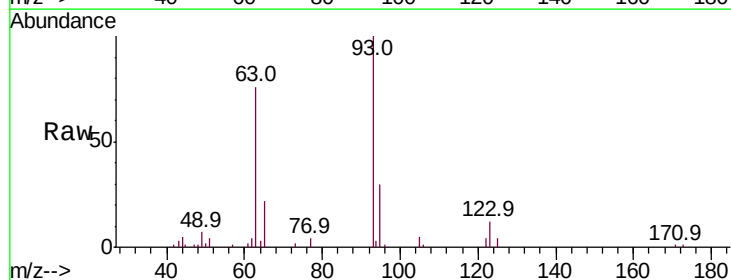
Manual Integrations
 APPROVED

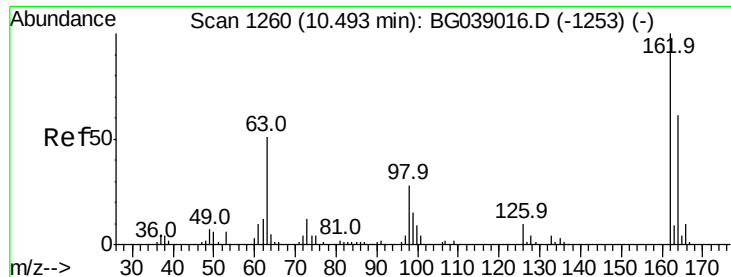
Sohil
 1/16/2019 2:06:02 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.865 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.2	25.6	38.4
123	12.5	10.1	15.1





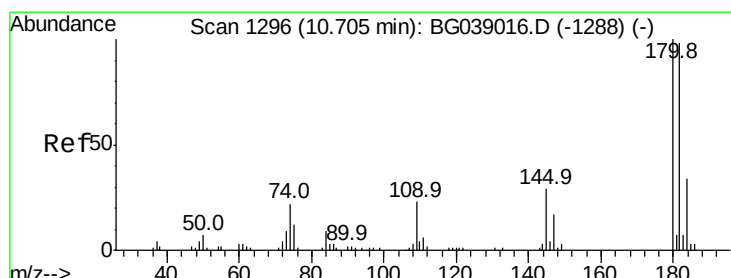
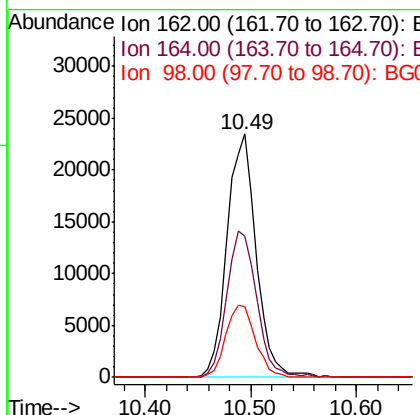
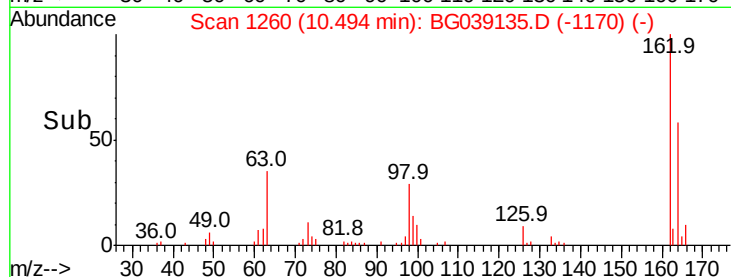
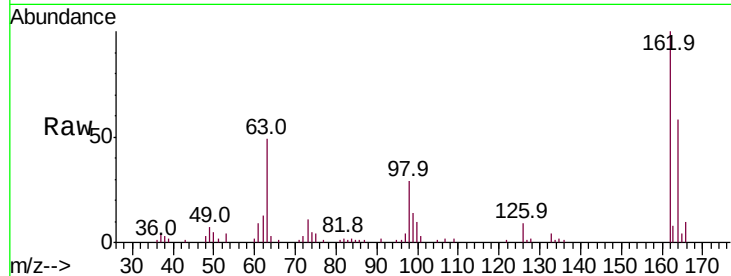
#29
 2,4-Dichlorophenol
 Concen: 46.694 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	57.9	41.3	81.3
98	29.1	8.3	48.3

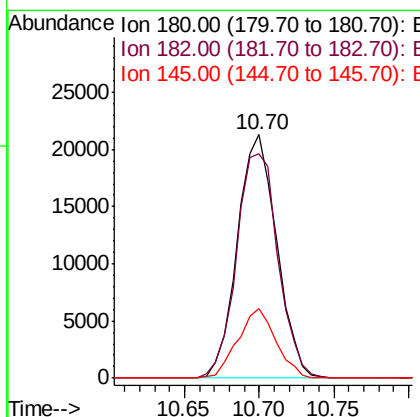
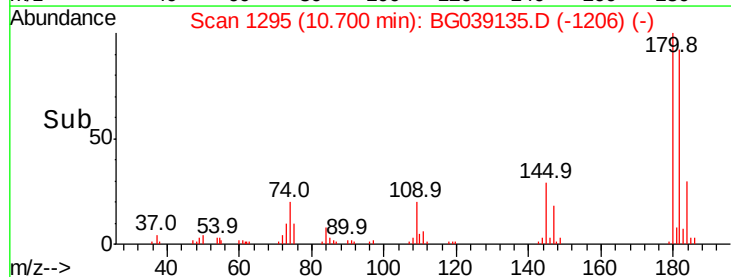
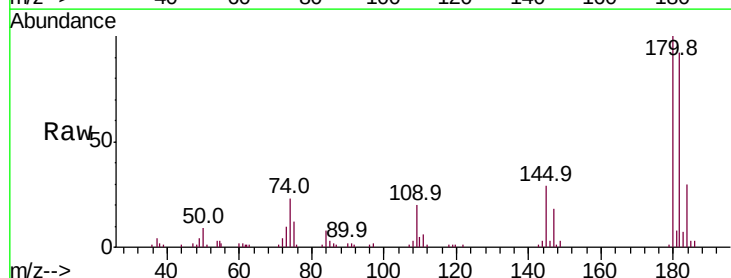
Manual Integrations
 APPROVED

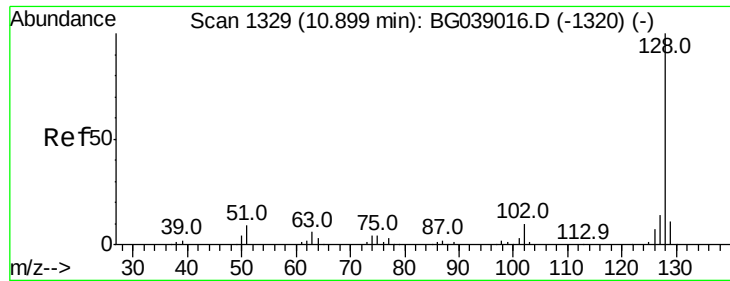
Sohil
 1/16/2019 2:06:02 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 33.898 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	78.1	117.1
145	28.7	23.1	34.7





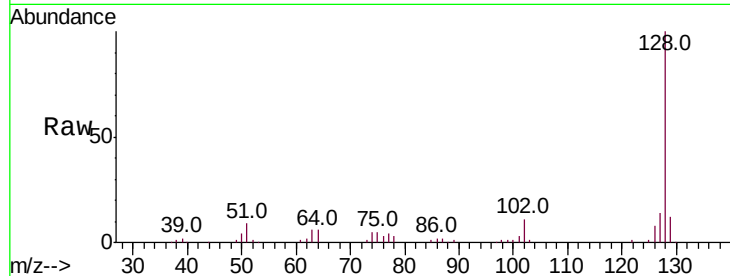
#31
Naphthalene
Concen: 39.565 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	14.3	11.2	16.8

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM

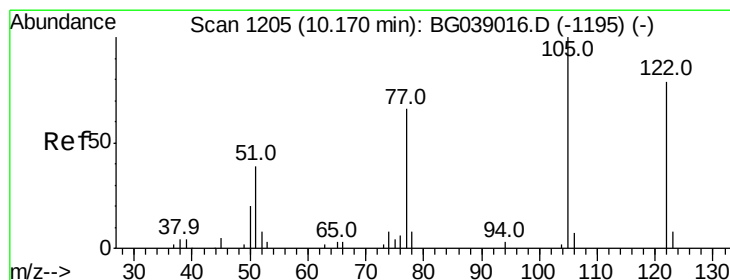
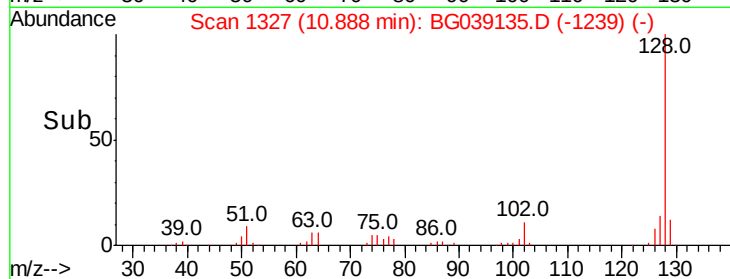
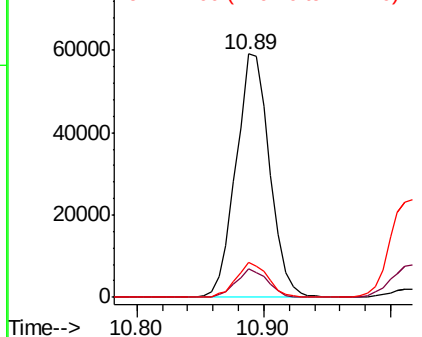


Abundance

Ion 128.00 (127.70 to 128.70): E

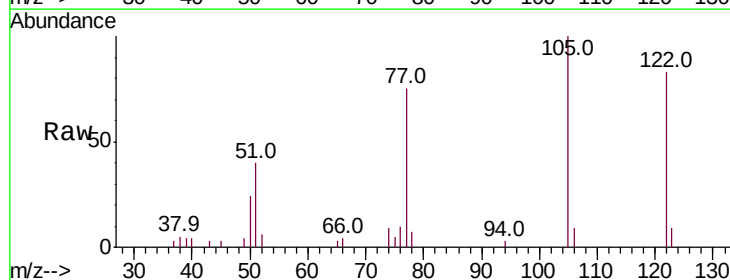
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.687 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	106.4	146.4
77	91.1	63.6	103.6

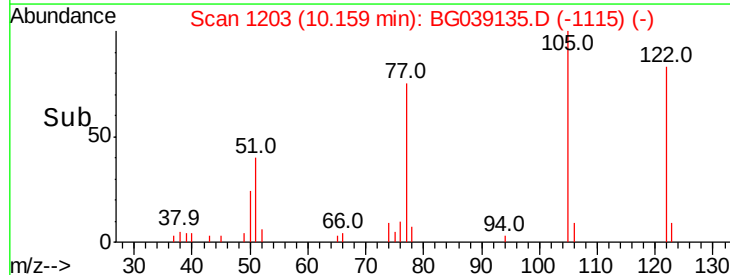
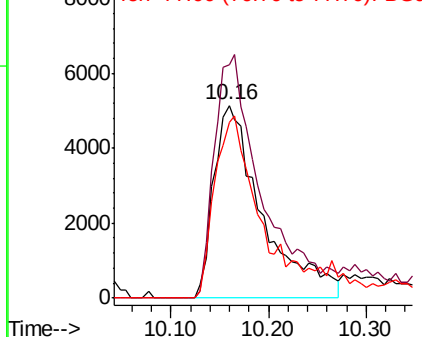


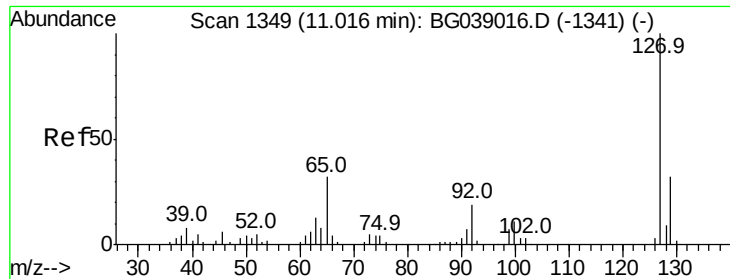
Abundance

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





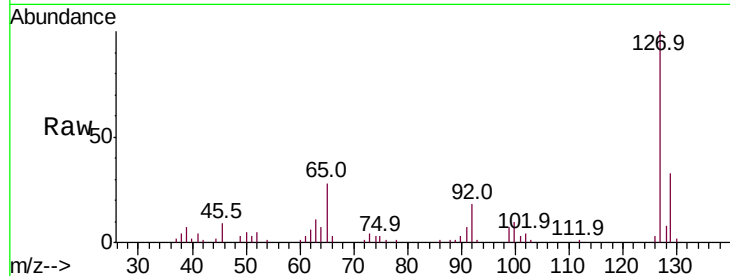
#33
4-Chloroaniline
Concen: 40.783 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

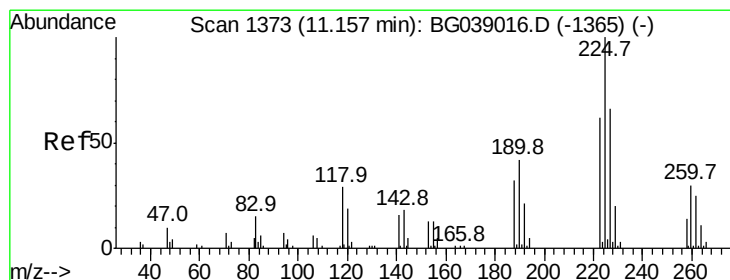
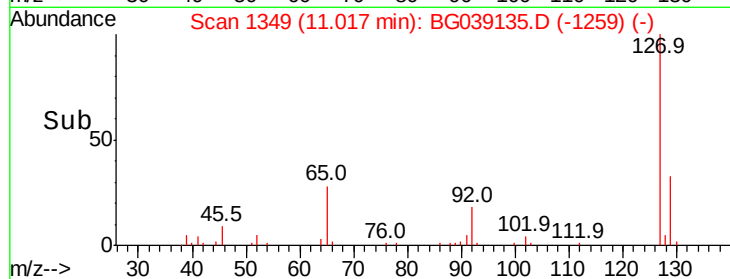
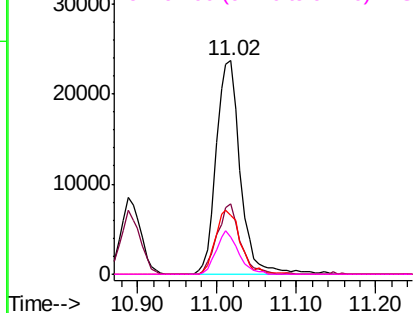
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.4	38.0
65	27.6	25.4	38.0
92	17.7	15.2	22.8

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM

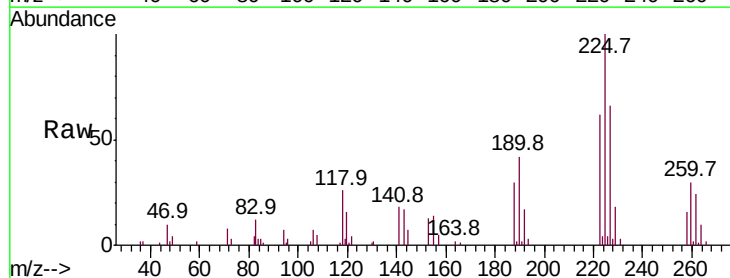


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

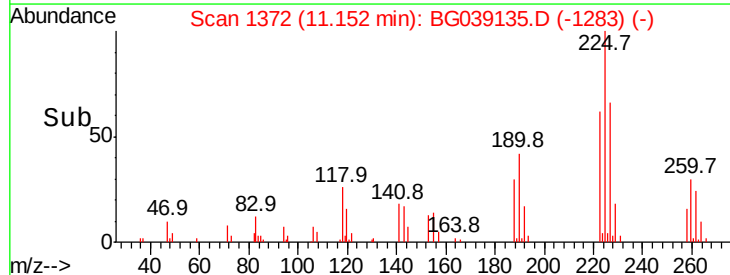
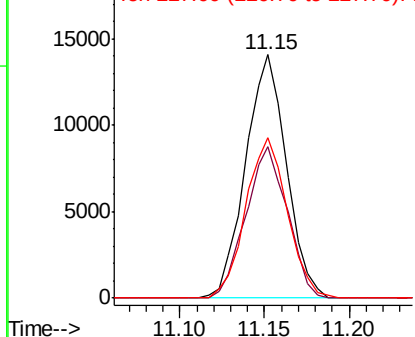


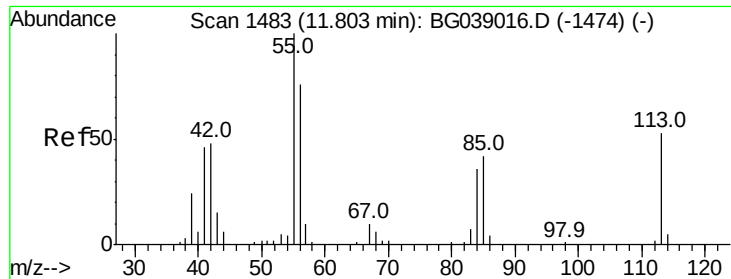
#34
Hexachlorobutadiene
Concen: 29.923 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.7	50.2	75.4
227	66.2	53.2	79.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





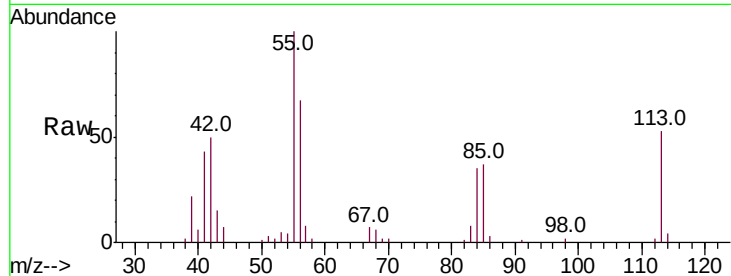
#35
 Caprolactam
 Concen: 64.774 ng/ml
 RT: 11.79 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

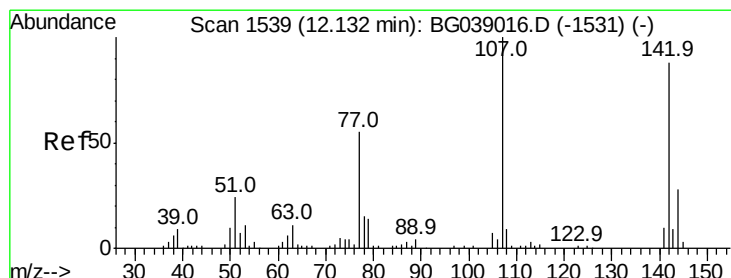
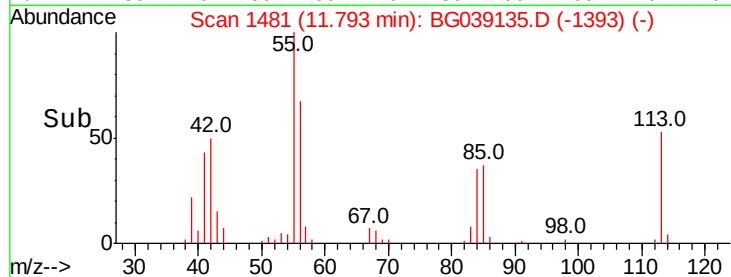
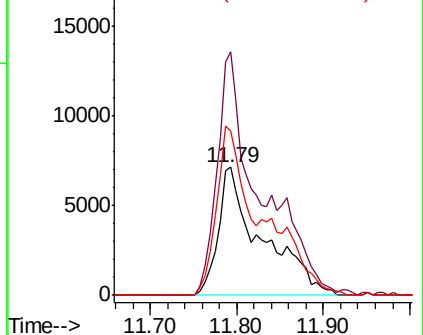
Tot Ion:113 Resp: 24831
 Ion Ratio Lower Upper
 113 100
 55 190.0 168.6 208.6
 56 128.1 123.2 163.2

Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:06:02 PM

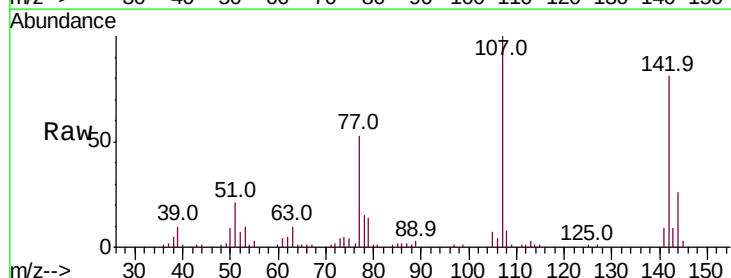


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

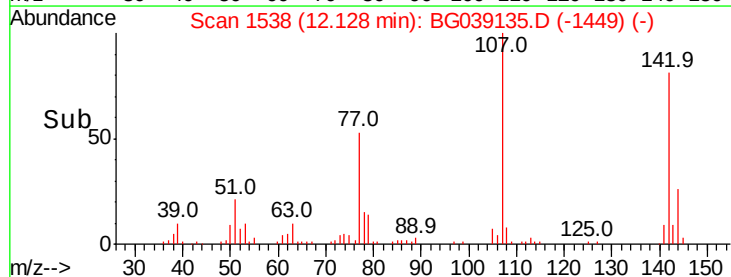
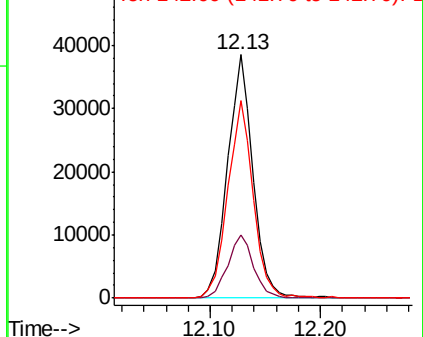


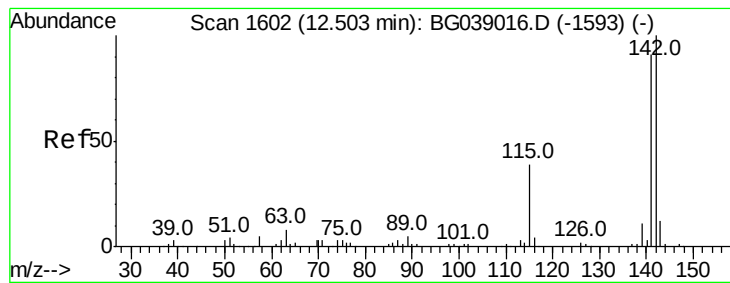
#36
 4-Chloro-3-methylphenol
 Concen: 60.359 ng/ml
 RT: 12.13 min Scan# 1538
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion:107 Resp: 61716
 Ion Ratio Lower Upper
 107 100
 144 25.7 22.6 34.0
 142 81.1 70.2 105.4



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





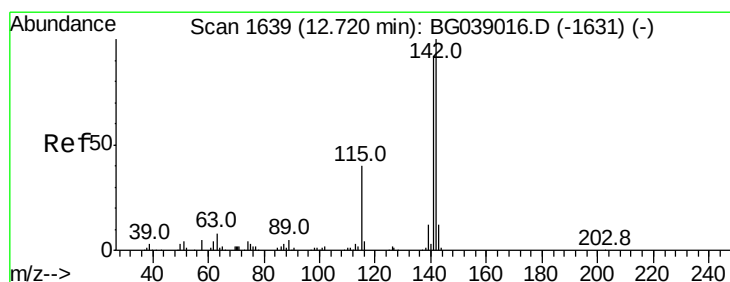
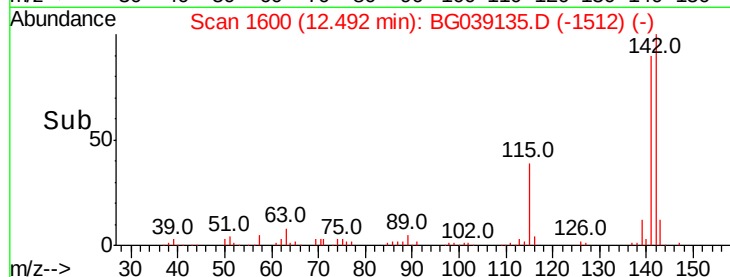
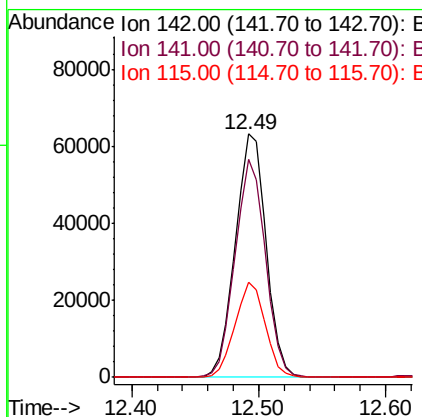
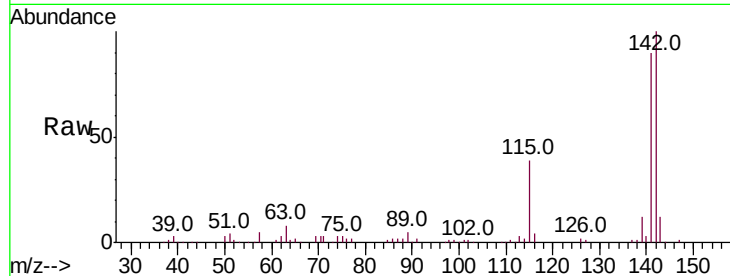
#37
2-Methylnaphthalene
Concen: 51.504 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	109.0
115	39.0	31.1	46.7

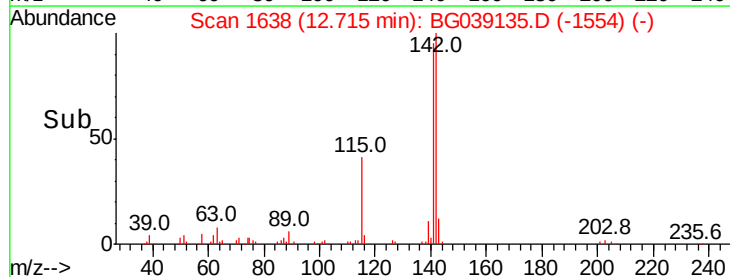
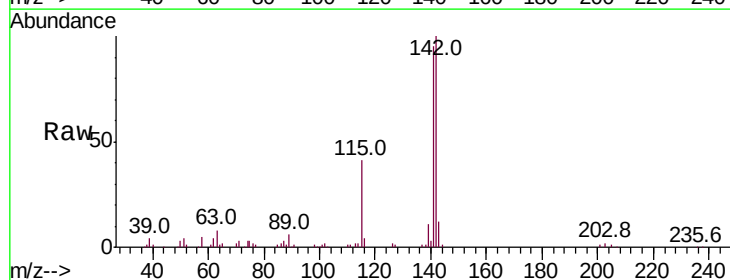
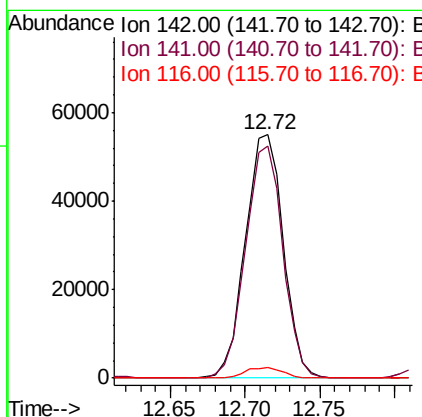
Manual Integrations
APPROVED

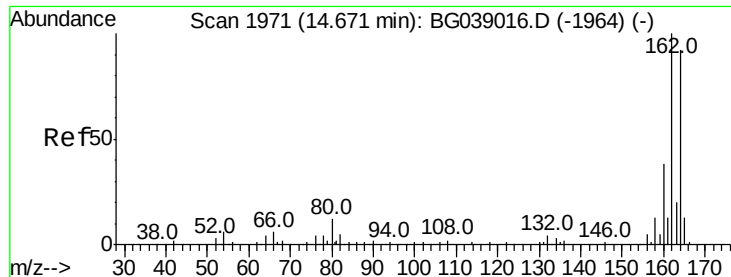
Sohil
1/16/2019 2:06:02 PM



#38
1-Methylnaphthalene
Concen: 48.665 ng
RT: 12.72 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	73.3	109.9
116	4.3	3.1	4.7





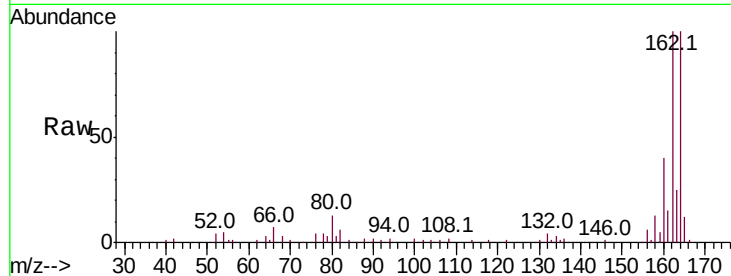
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	87.2	130.8
160	39.9	33.3	49.9

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM

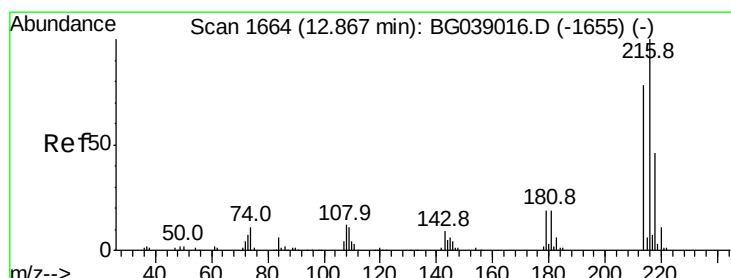
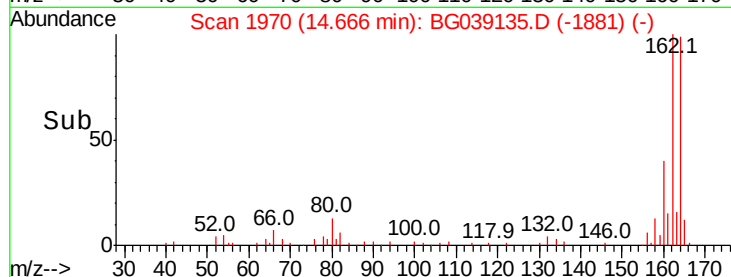
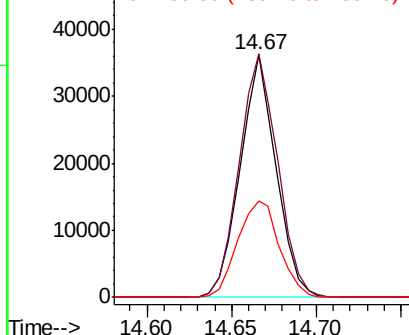


Abundance

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: 31.583 ng
RT: 12.86 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.4	95.2
179	20.2	15.5	23.3
108	15.7	11.4	17.2

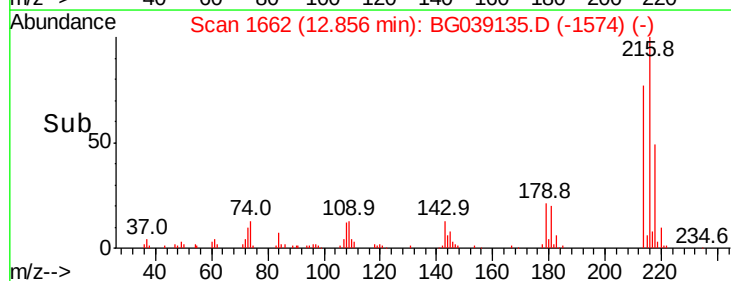
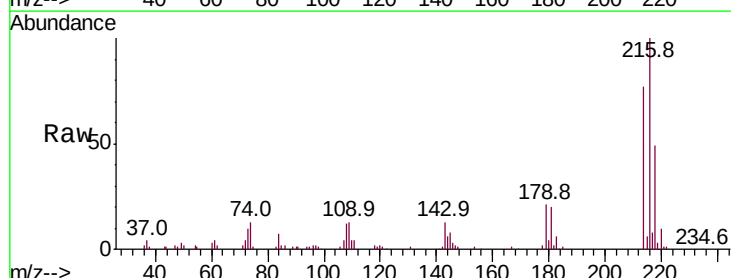
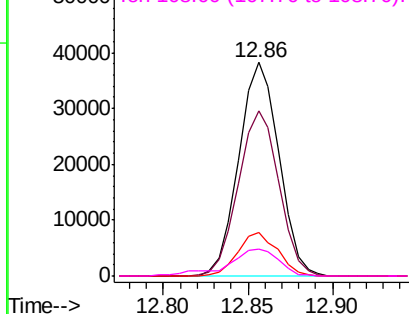
Abundance

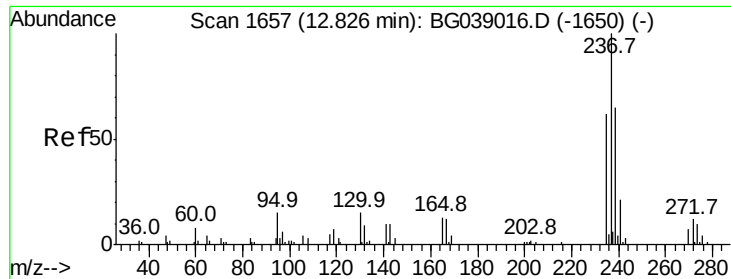
Ion 216.00 (215.70 to 216.70): E

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





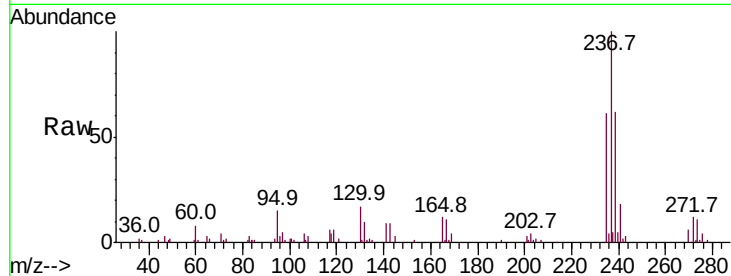
#41
Hexachlorocyclopentadiene
Concen: 47.149 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

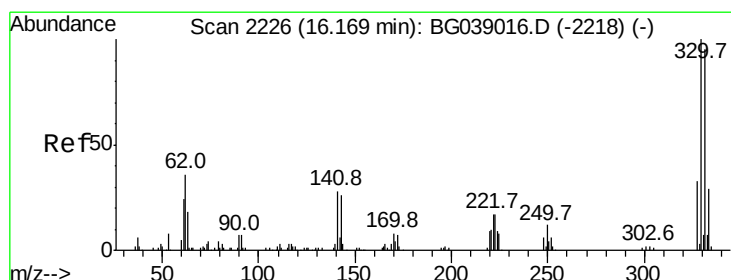
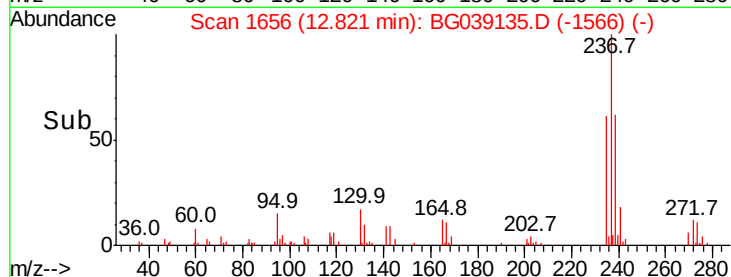
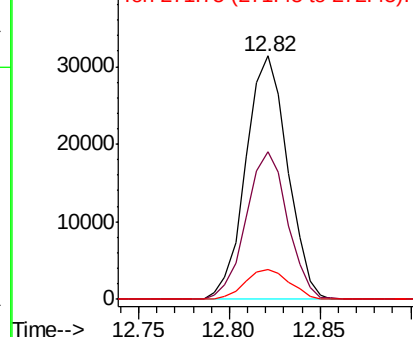
Tot Ion	Ratio	Resp	Lower	Upper
237	100	50173		
235	60.8	41.7	81.7	
272	12.4	0.0	32.1	

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM

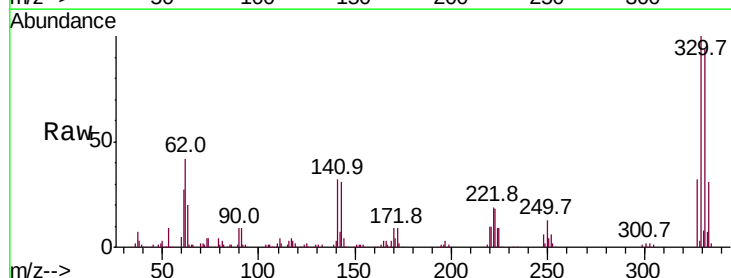


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

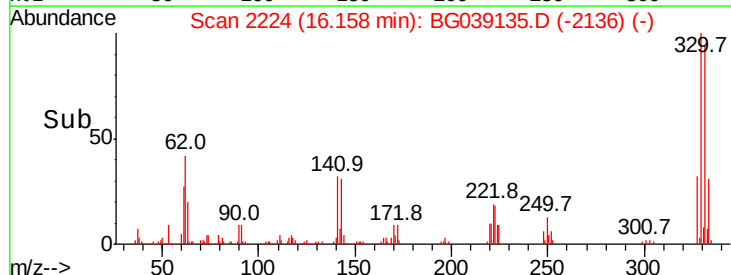
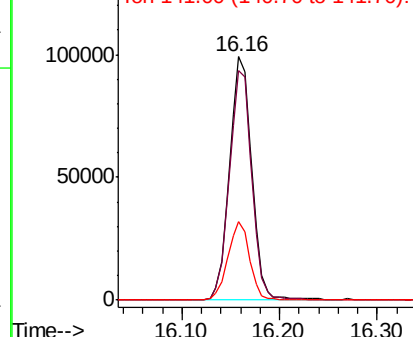


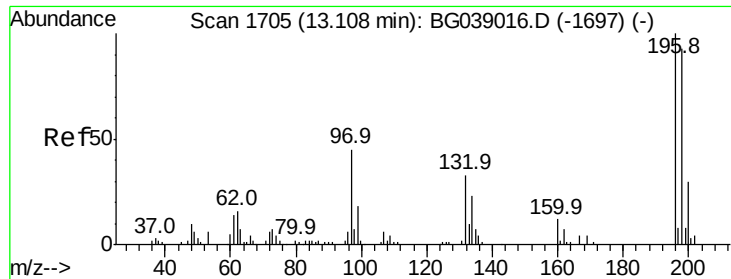
#42
2,4,6-Tribromophenol
Concen: 175.840 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	156722		
332	94.8	75.7	113.5	
141	31.5	24.9	37.3	



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





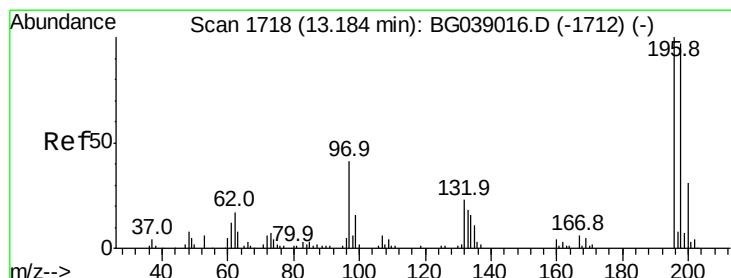
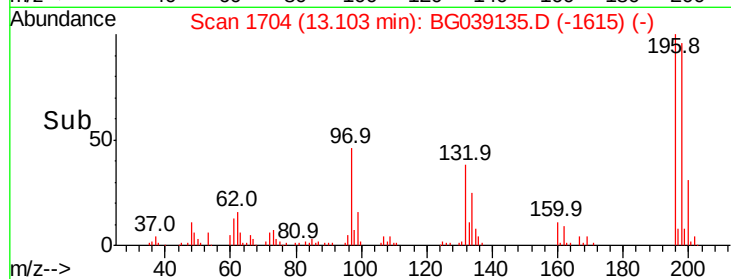
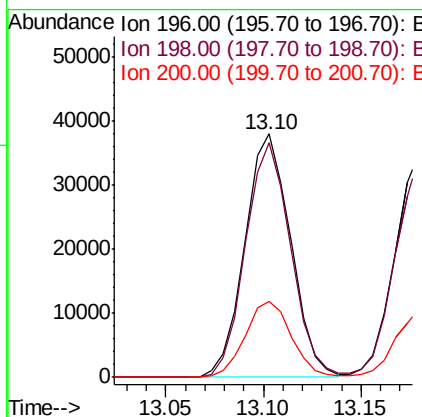
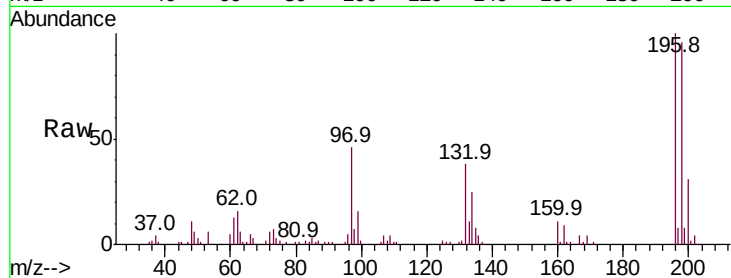
#43
 2,4,6-Trichlorophenol
 Concen: 49.216 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampled :
 PB116382BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	61853		
198	96.3	74.5	111.7	
200	31.1	23.8	35.6	

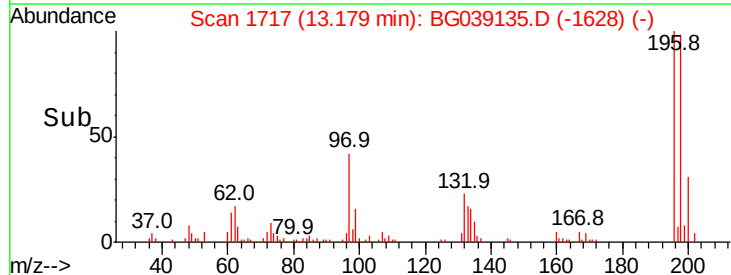
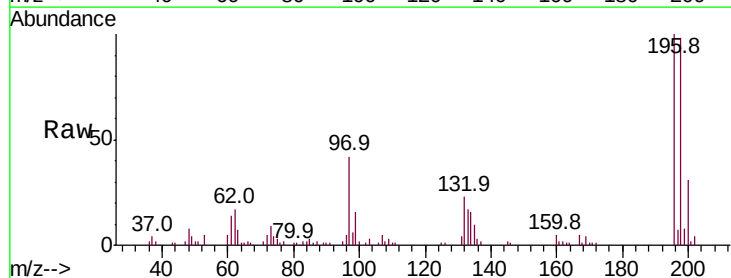
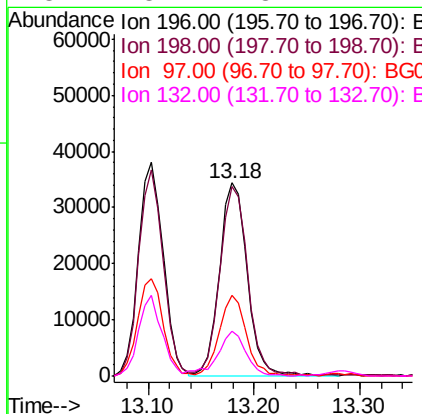
Manual Integrations
 APPROVED

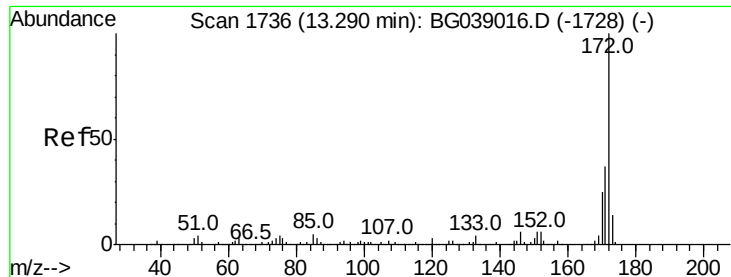
Sohil
 1/16/2019 2:06:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.717 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	63382		
198	98.4	78.1	117.1	
97	41.7	33.2	49.8	
132	23.1	18.2	27.4	





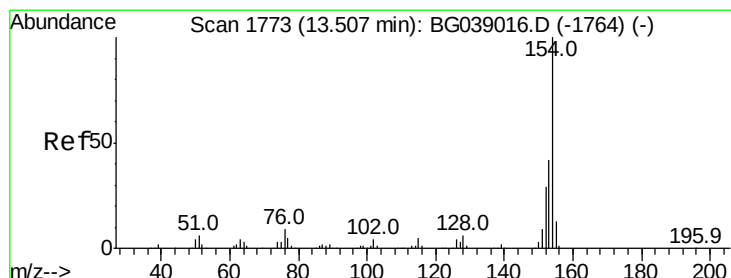
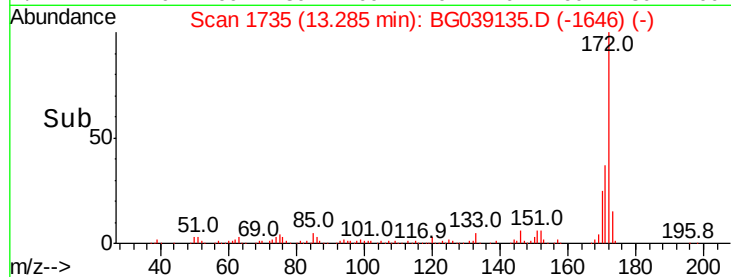
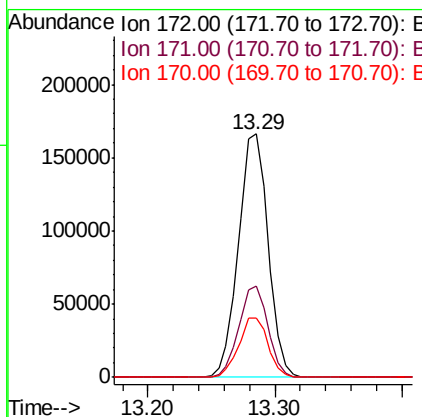
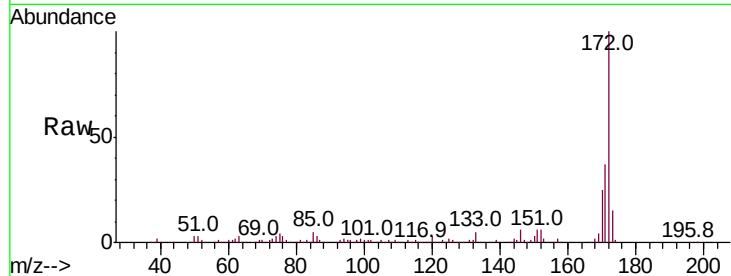
#45
2-Fluorobiphenyl
Concen: 69.345 ng
RT: 13.29 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	269411		
171	37.4		29.4	44.0
170	24.6		20.1	30.1

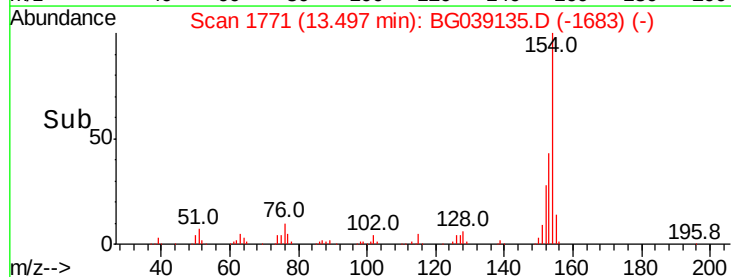
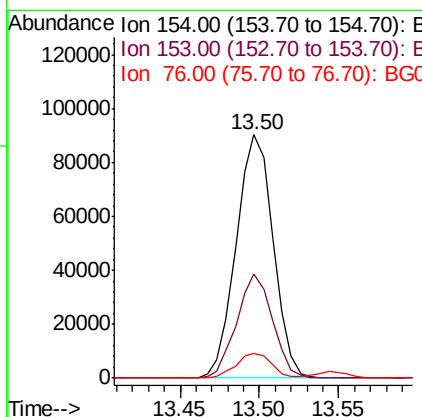
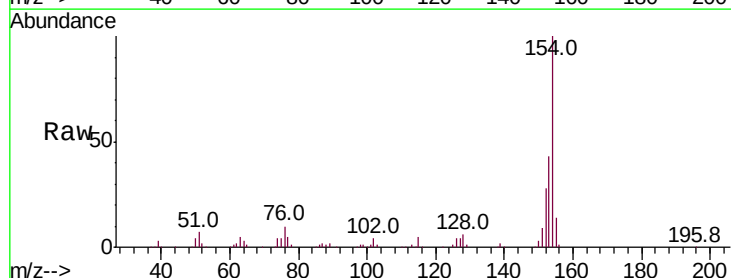
Manual Integrations
APPROVED

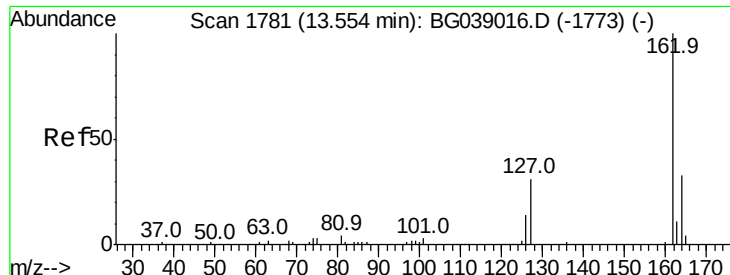
Sohil
1/16/2019 2:06:02 PM



#46
1,1'-Biphenyl
Concen: 34.634 ng
RT: 13.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	145914		
153	42.8		22.4	62.4
76	10.0		0.0	29.4





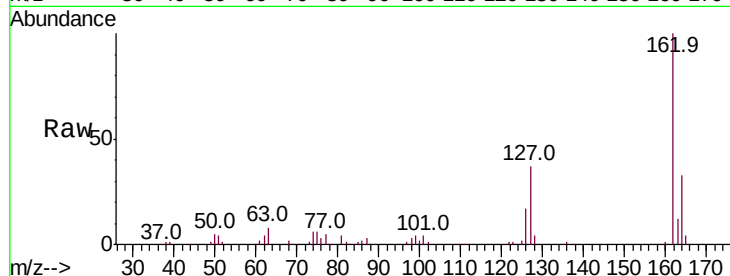
#47
 2-Chloronaphthalene
 Concen: 36.801 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

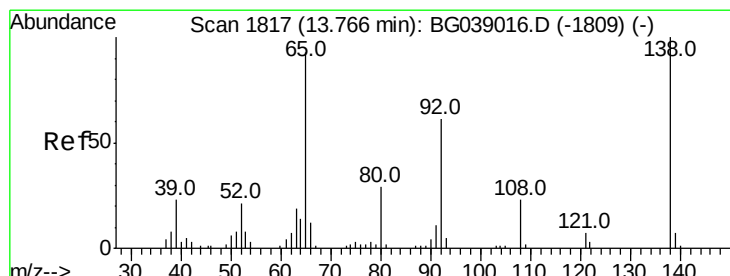
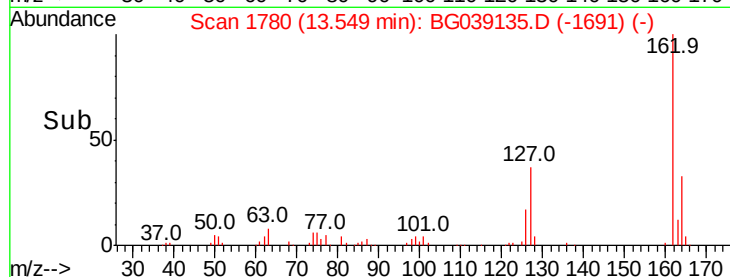
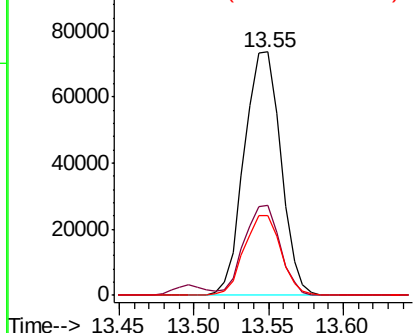
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.2	28.4	42.6
164	32.9	26.3	39.5

Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:06:02 PM

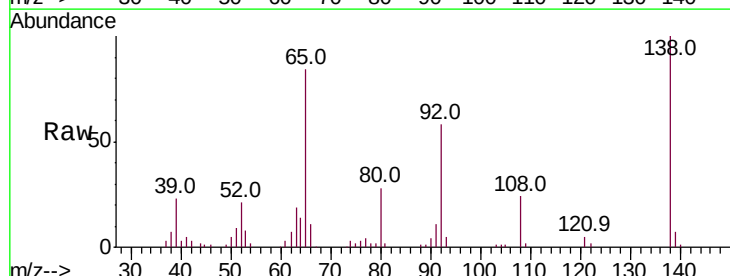


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

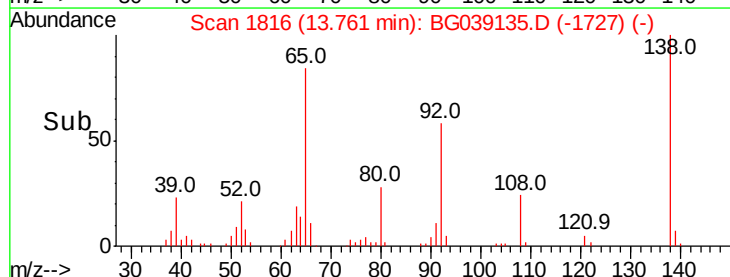
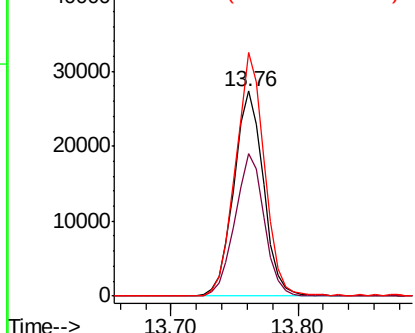


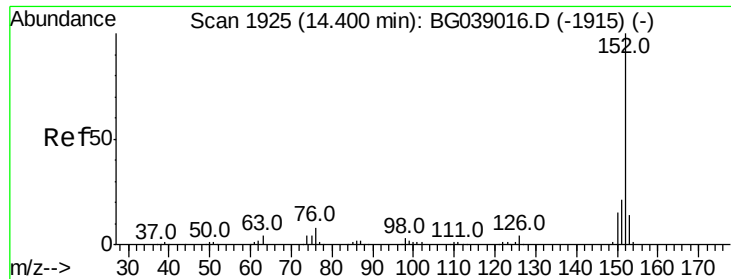
#48
 2-Nitroaniline
 Concen: 46.158 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	69.2	52.2	78.4
138	118.7	86.0	129.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





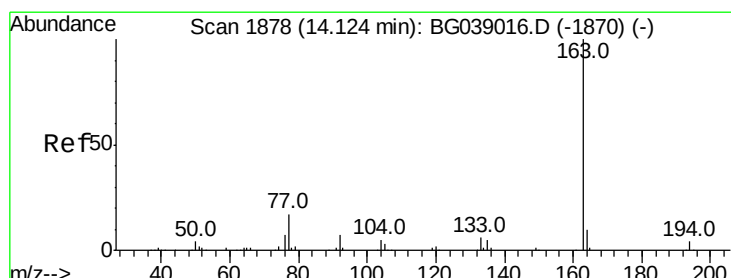
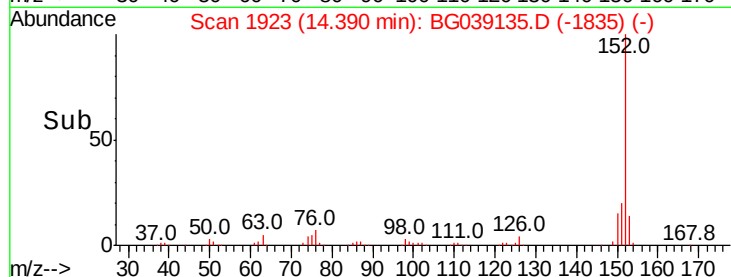
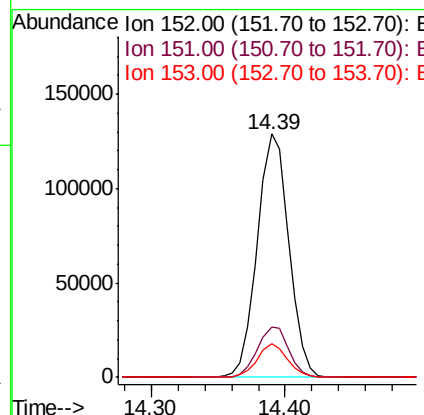
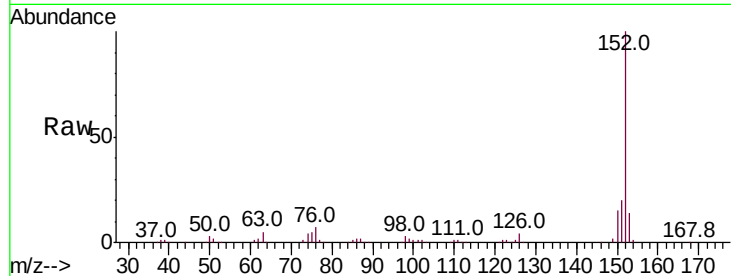
#49
Acenaphthylene
Concen: 41.034 ng
RT: 14.39 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.0	25.4
153	13.7	11.2	16.8

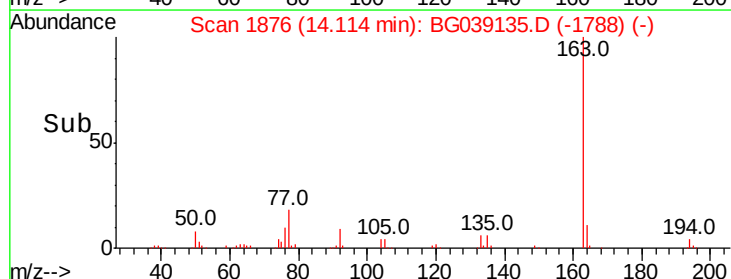
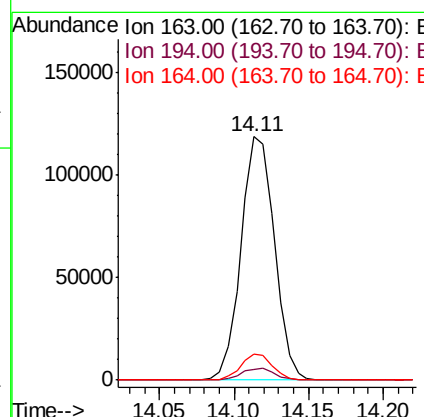
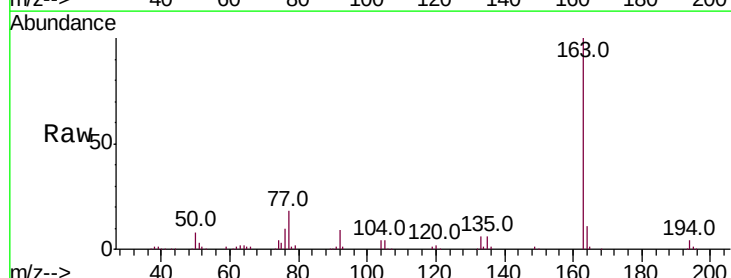
Manual Integrations
APPROVED

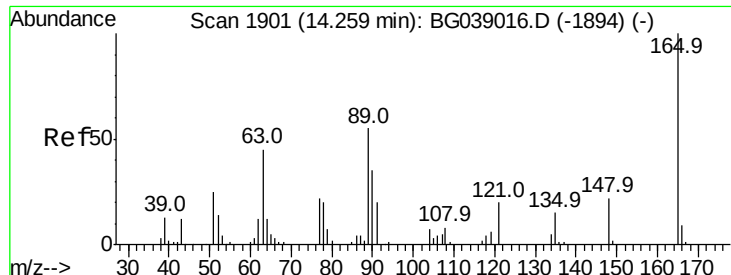
Sohil
1/16/2019 2:06:02 PM



#50
Dimethylphthalate
Concen: 41.054 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.7	8.2	12.2





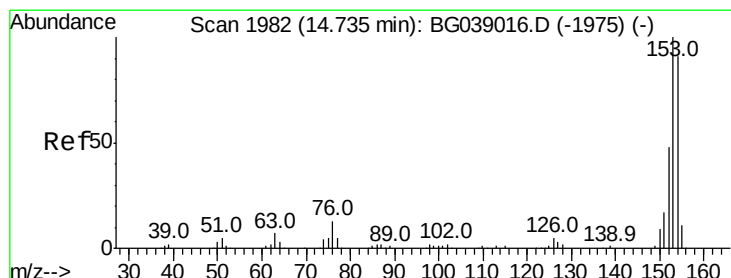
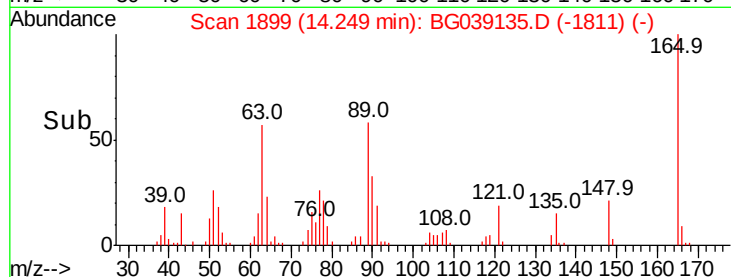
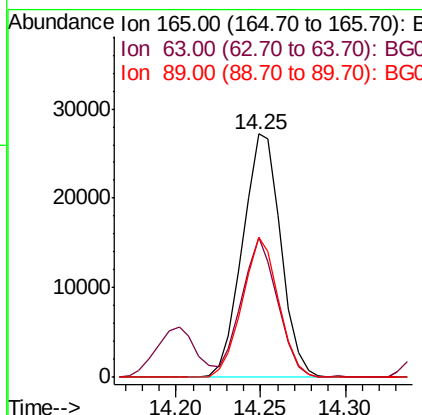
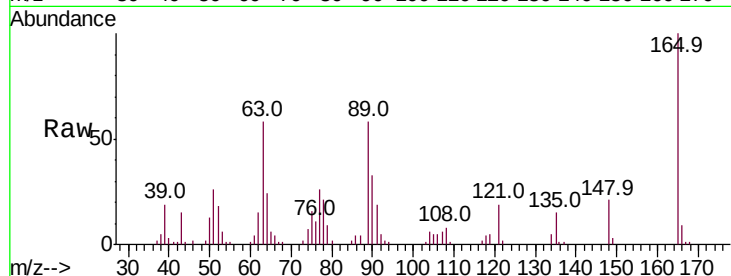
#51
 2,6-Dinitrotoluene
 Concen: 42.572 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion:	165	Resp:	42765
Ion Ratio	Lower	Upper	
165	100		
63	57.6	43.6	65.4
89	57.6	43.7	65.5

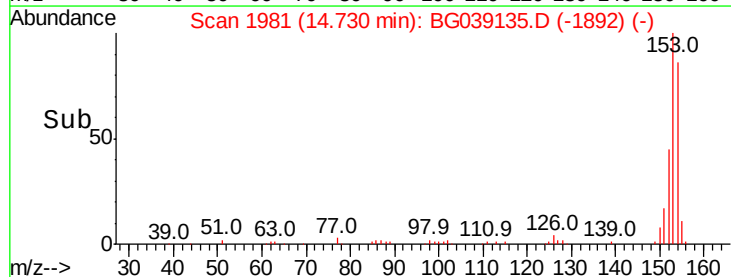
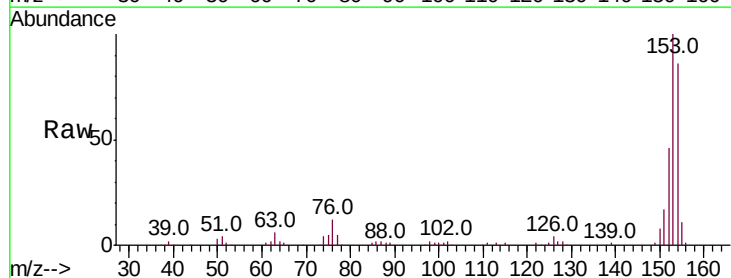
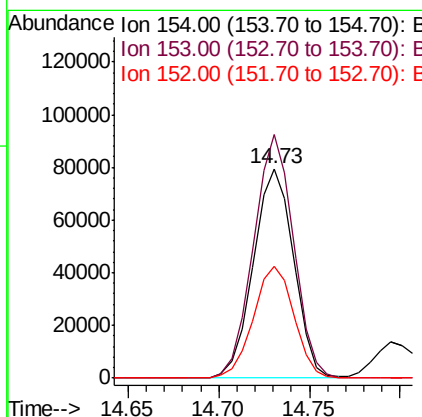
Manual Integrations
 APPROVED

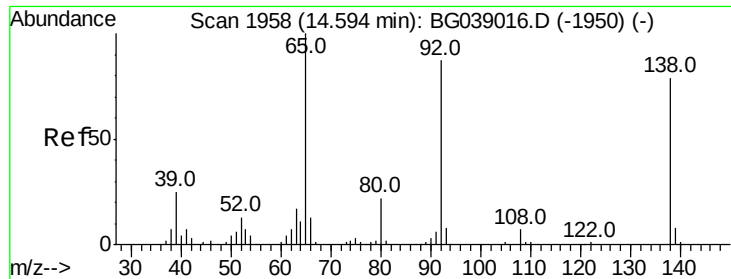
Sohil
 1/16/2019 2:06:02 PM



#52
 Acenaphthene
 Concen: 40.037 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion:	154	Resp:	123269
Ion Ratio	Lower	Upper	
154	100		
153	116.1	87.9	131.9
152	53.6	42.2	63.2





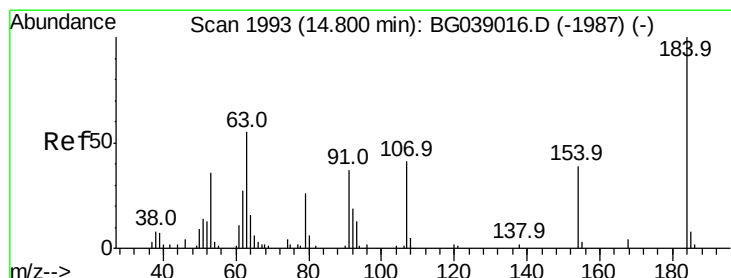
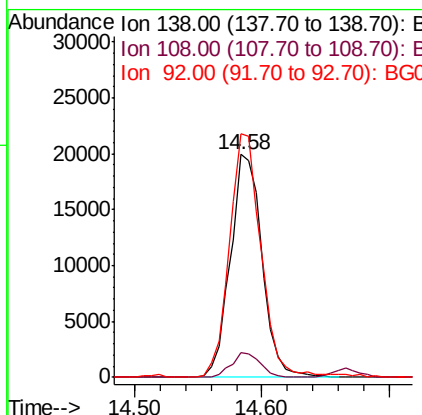
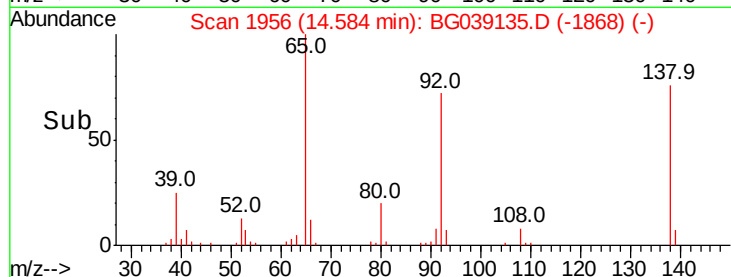
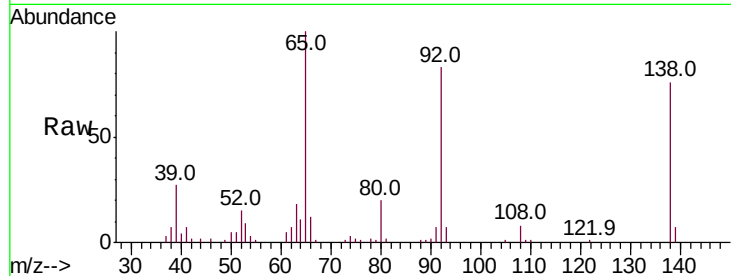
#53
 3-Nitroaniline
 Concen: 33.672 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion:138	Resp:	34313
Ion Ratio	Lower	Upper
138	100	
108	11.0	7.4 11.0
92	109.2	88.2 132.4

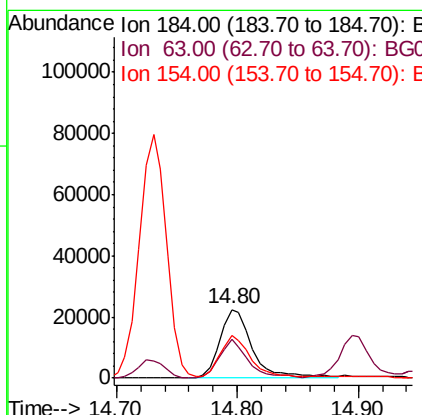
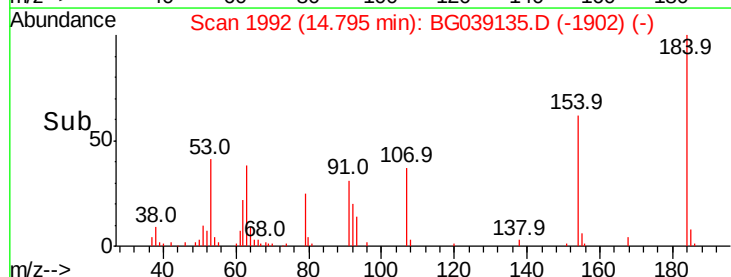
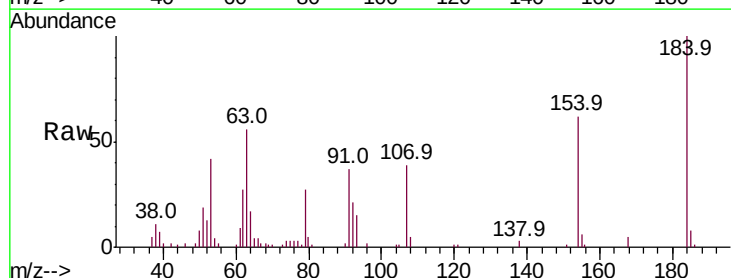
Manual Integrations
 APPROVED

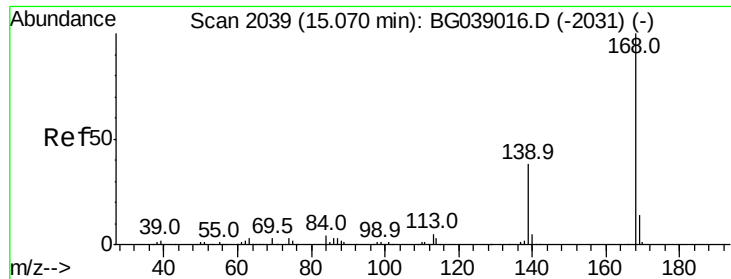
Sohil
 1/16/2019 2:06:02 PM



#54
 2,4-Dinitrophenol
 Concen: 69.838 ng
 RT: 14.80 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion:184	Resp:	41503
Ion Ratio	Lower	Upper
184	100	
63	55.7	44.0 66.0
154	61.6	46.1 69.1





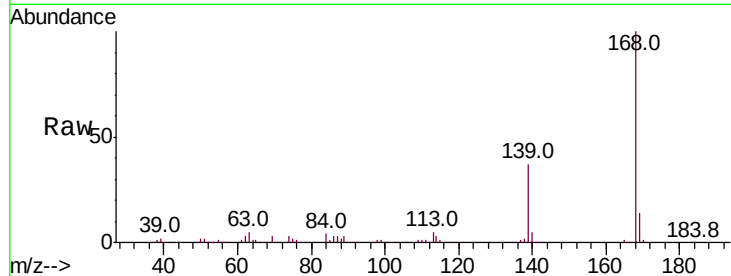
#55
Dibenzenofuran
Concen: 41.349 ng
RT: 15.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.1	45.1
169	13.6	10.9	16.3

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM

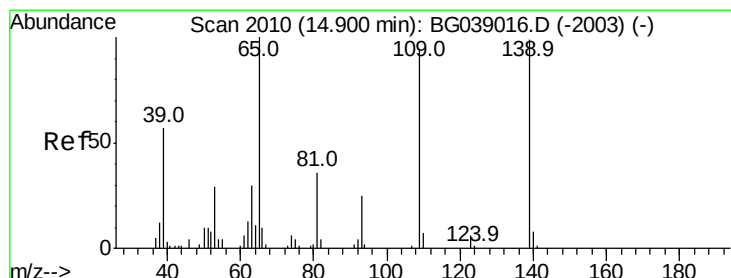
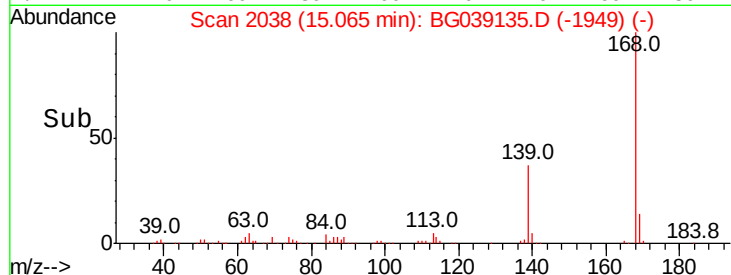
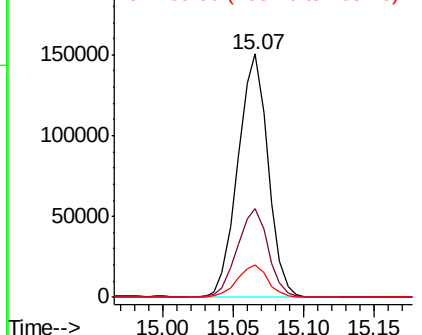


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 106.463 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

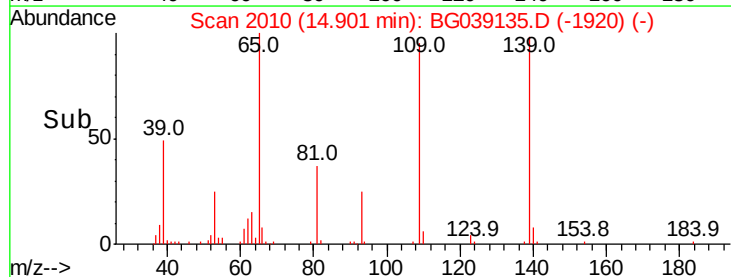
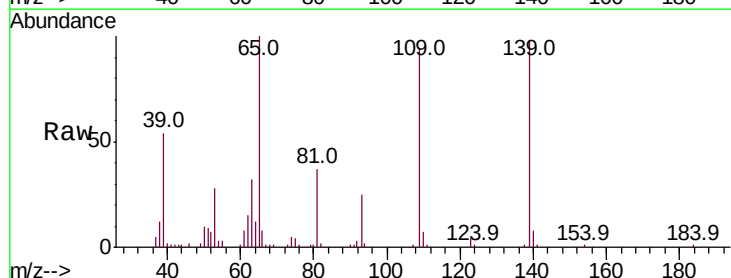
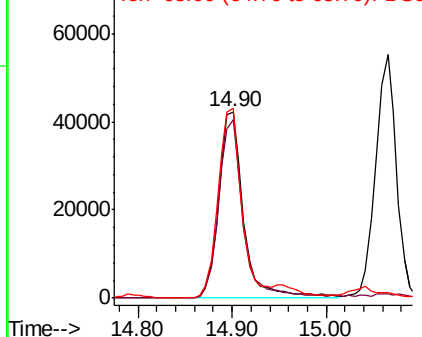
Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.1	75.6	115.6
65	102.3	81.2	121.2

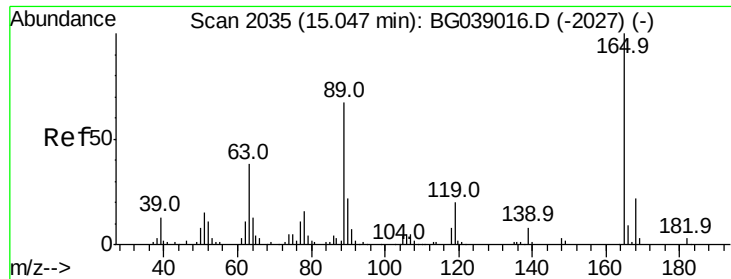
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





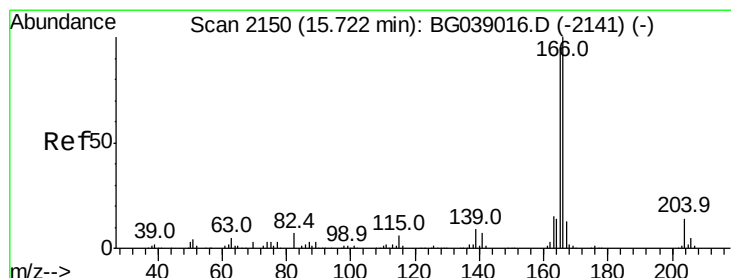
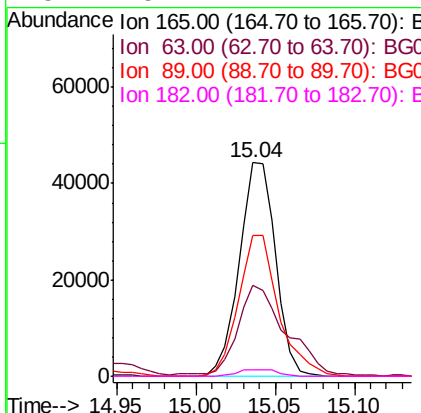
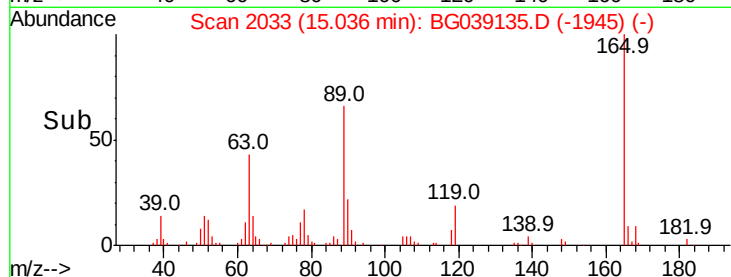
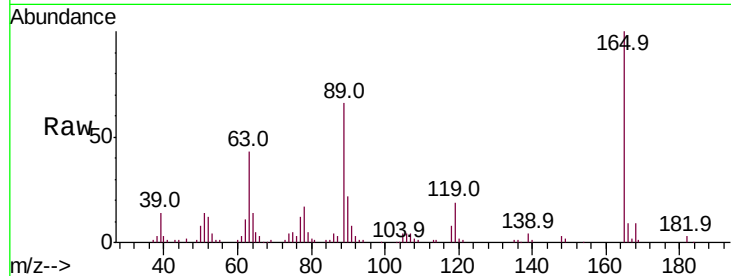
#57
2,4-Dinitrotoluene
Concen: 48.695 ng
RT: 15.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.5	30.2	45.4	
89	65.8	53.2	79.8	
182	3.1	2.7	4.1	

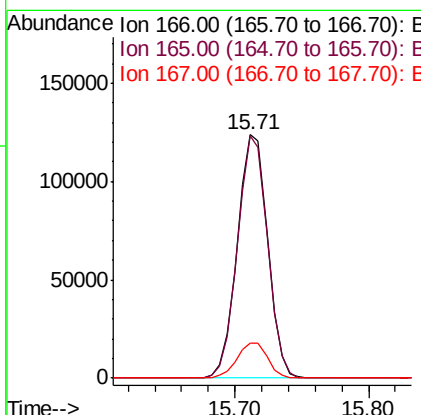
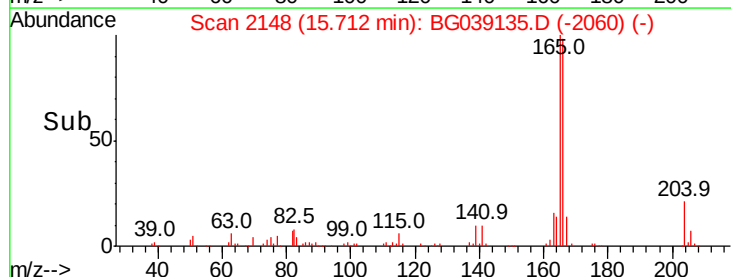
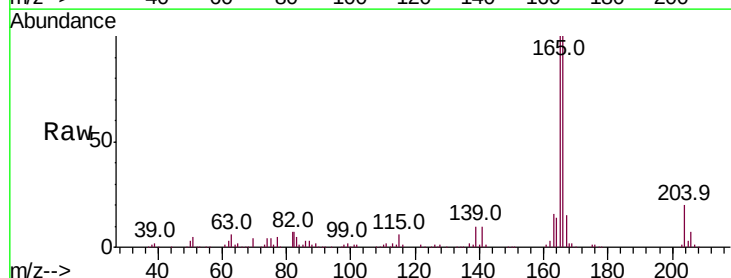
Manual Integrations
APPROVED

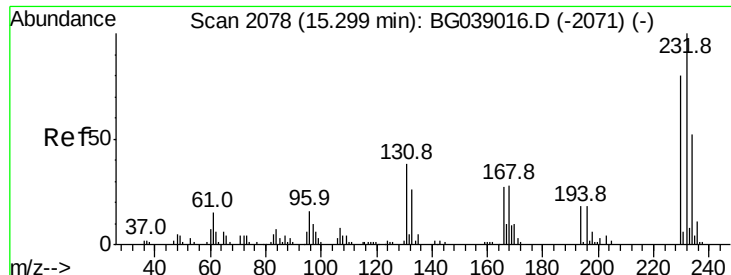
Sohil
1/16/2019 2:06:02 PM



#58
Fluorene
Concen: 47.509 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	76.2	114.2	
167	14.5	10.6	16.0	





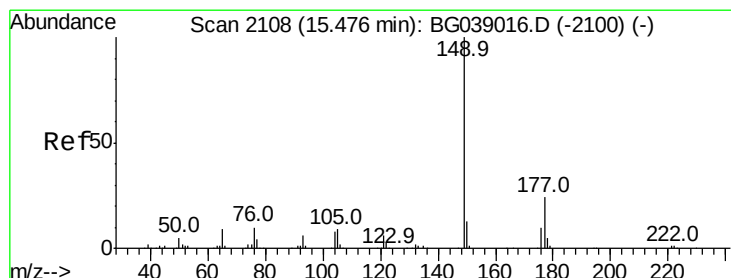
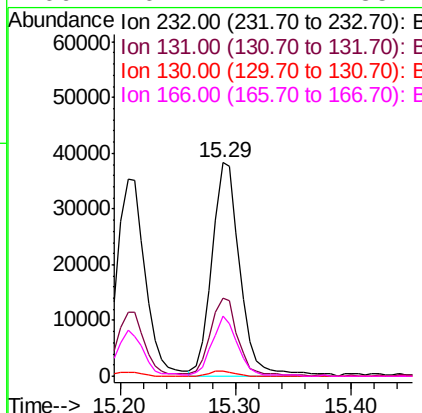
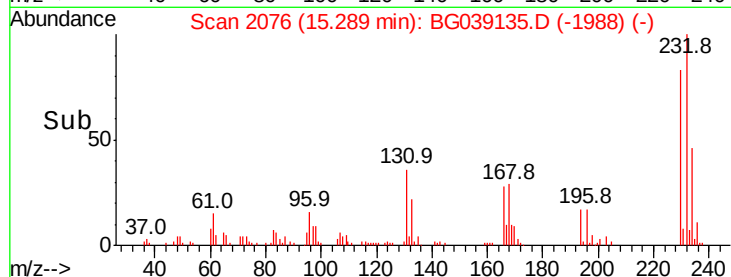
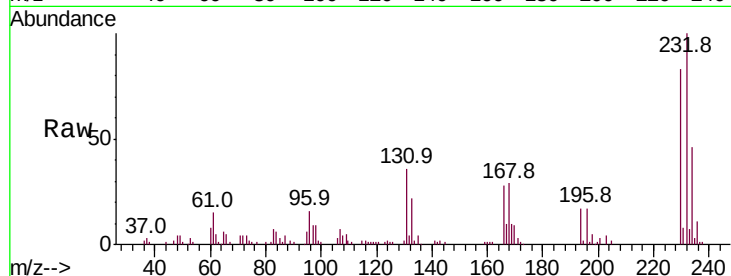
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.947 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.5	30.9	46.3
130	2.1	1.9	2.9
166	26.2	22.1	33.1

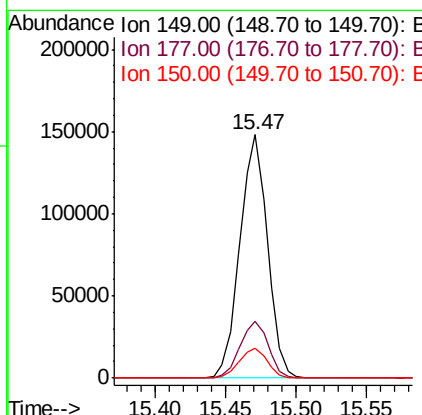
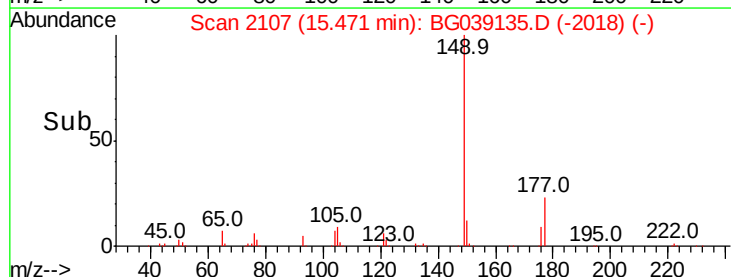
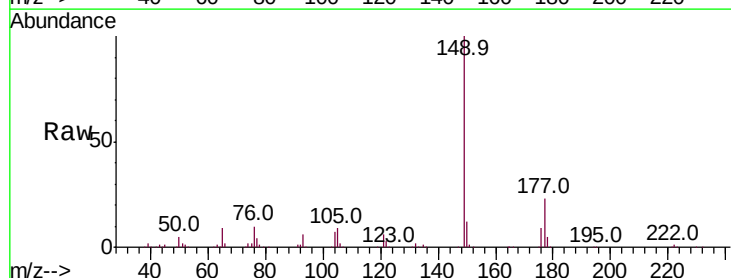
Manual Integrations
APPROVED

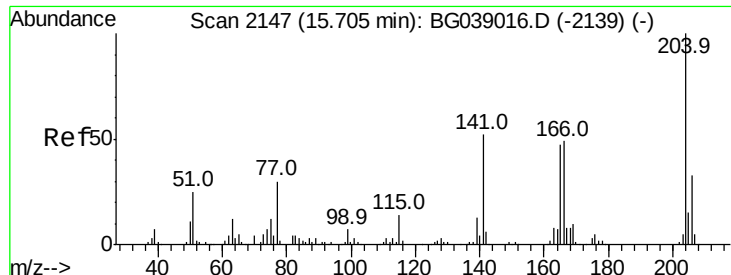
Sohil
1/16/2019 2:06:02 PM



#60
Diethylphthalate
Concen: 43.626 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.0	28.6
150	12.4	10.2	15.4





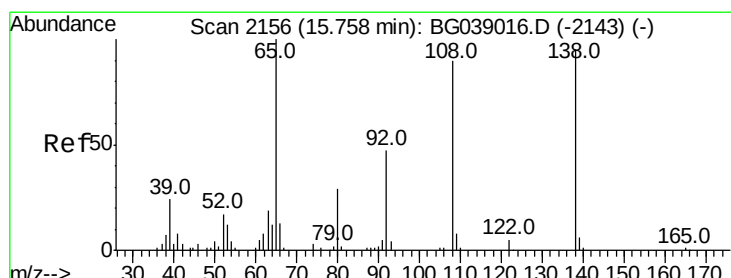
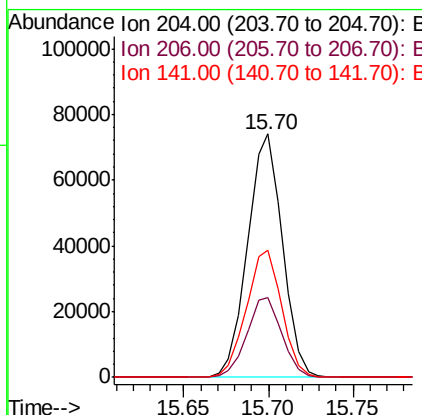
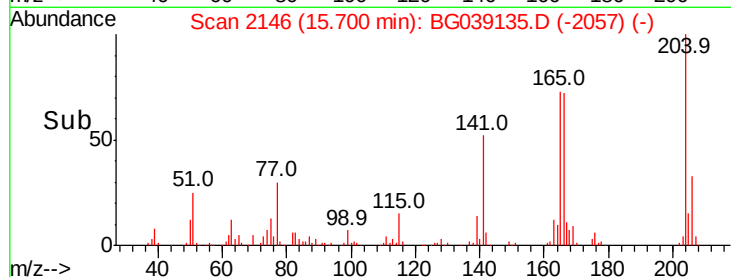
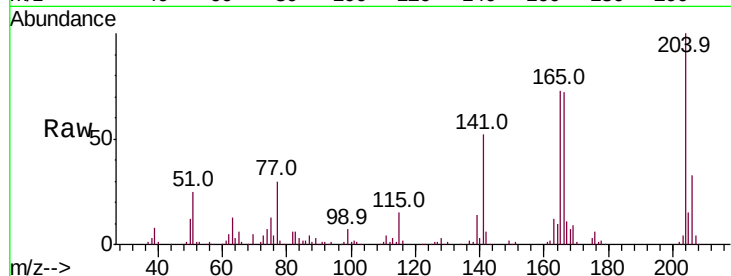
#61
4-Chlorophenyl-phenylether
Concen: 40.985 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampled :
PB116382BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	52.1	41.4	62.0

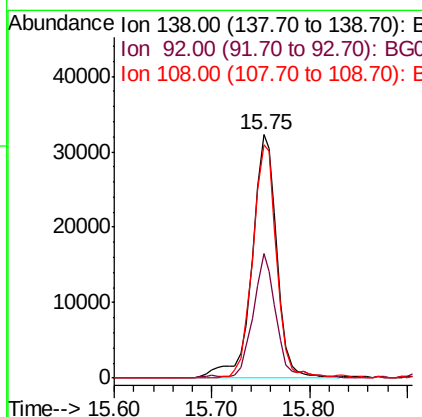
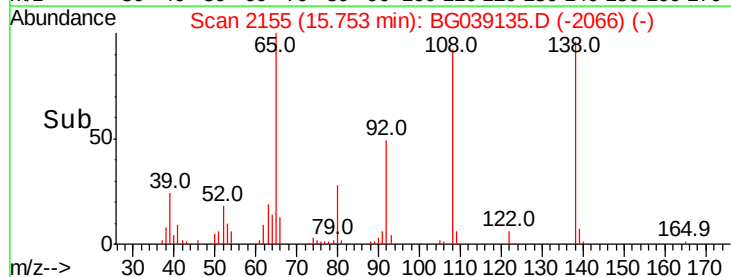
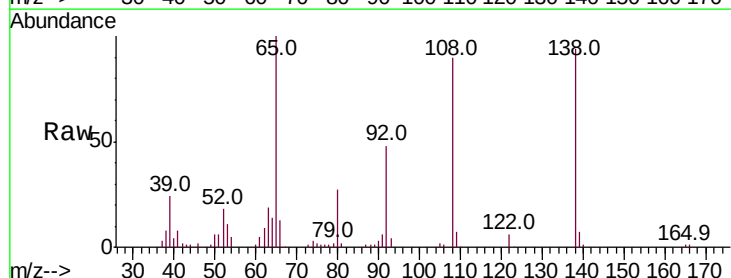
Manual Integrations
APPROVED

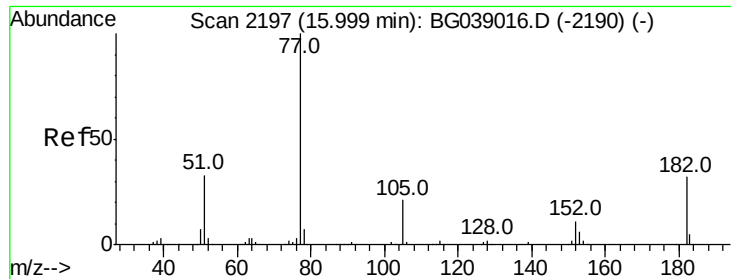
Sohil
1/16/2019 2:06:02 PM



#62
4-Nitroaniline
Concen: 54.133 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.2	29.7	69.7
108	95.8	75.7	115.7





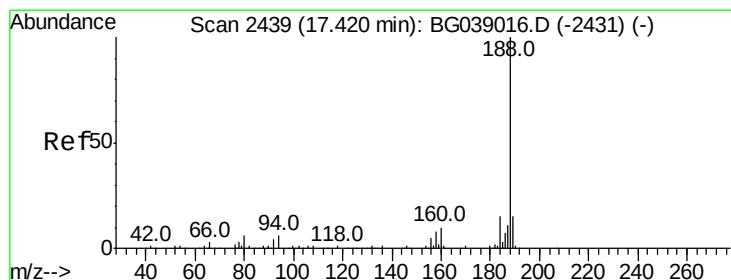
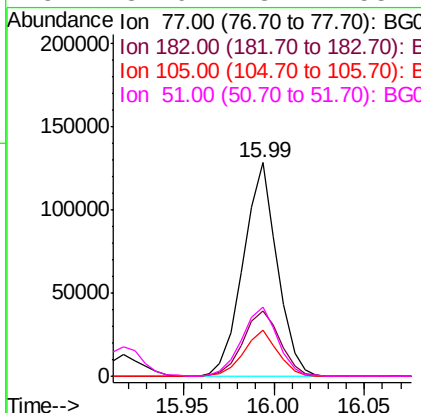
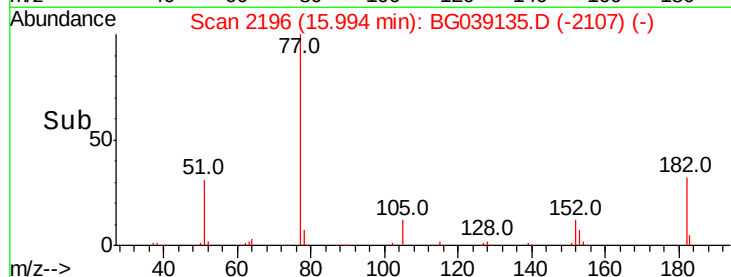
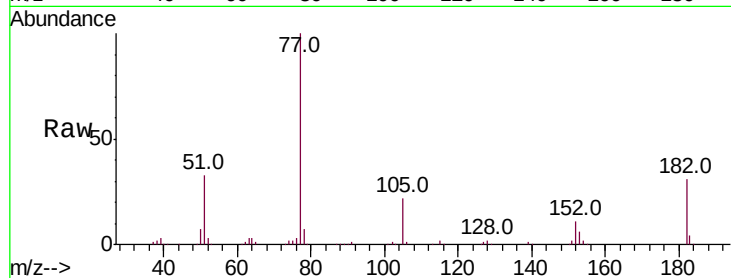
#63
Azobenzene
Concen: 46.245 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.9	12.2	52.2
105	21.7	1.2	41.2
51	32.6	13.4	53.4

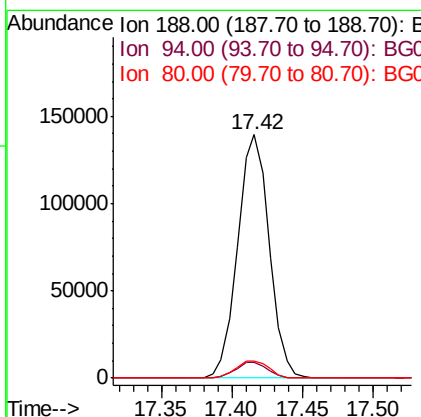
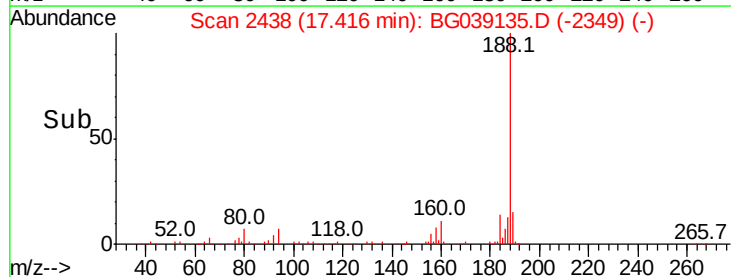
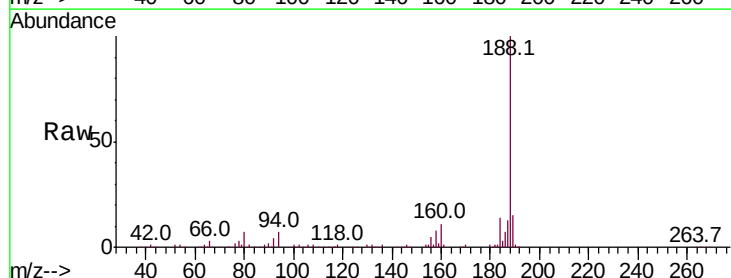
Manual Integrations
APPROVED

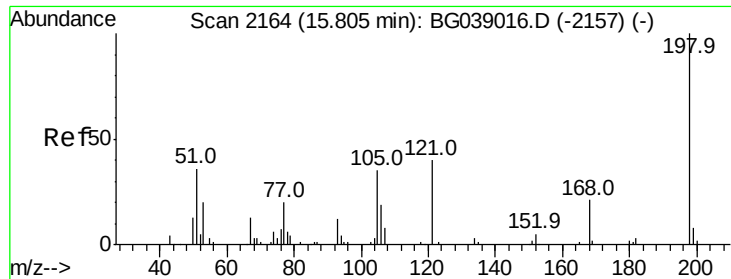
Sohil
1/16/2019 2:06:02 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.0	7.4
80	7.0	4.7	7.1





#65

4,6-Dinitro-2-methylphenol

Concen: 27.162 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

Tot Ion:198 Resp: 43756

Ion Ratio Lower Upper

198 100

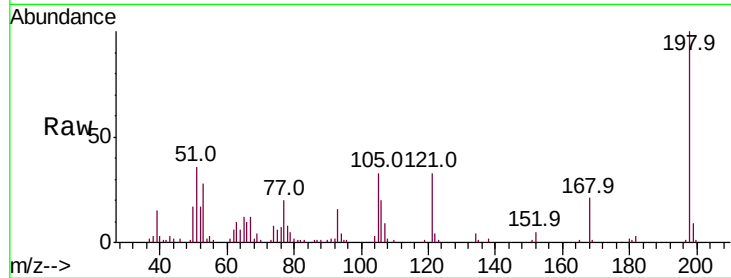
51 36.2 20.8 60.8

105 32.9 16.1 56.1

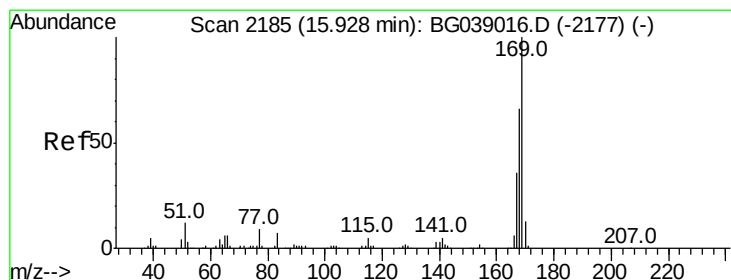
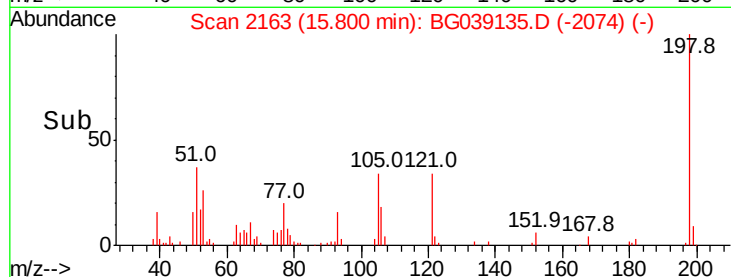
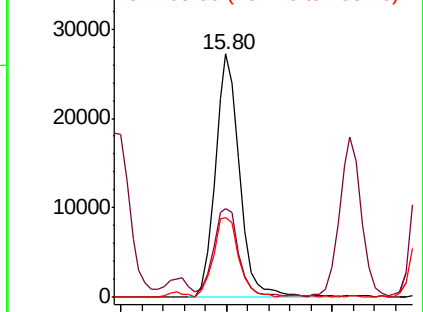
Manual Integrations
APPROVED

Sohil

1/16/2019 2:06:02 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: 29.126 ng

RT: 15.92 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

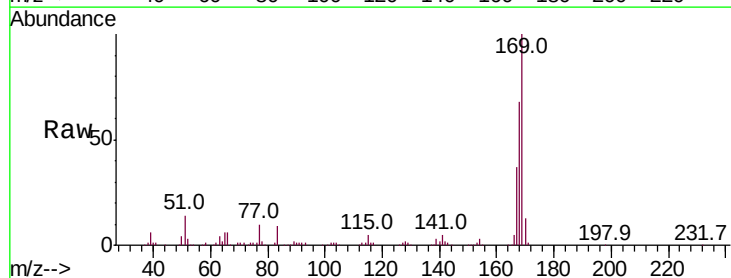
Tgt Ion:169 Resp: 187746

Ion Ratio Lower Upper

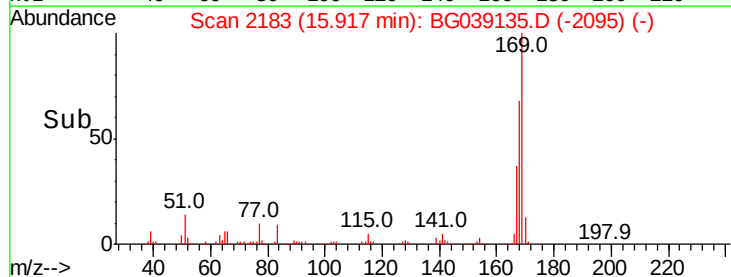
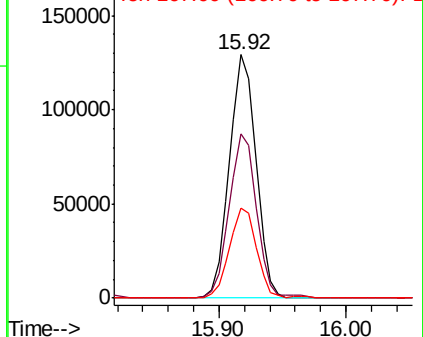
169 100

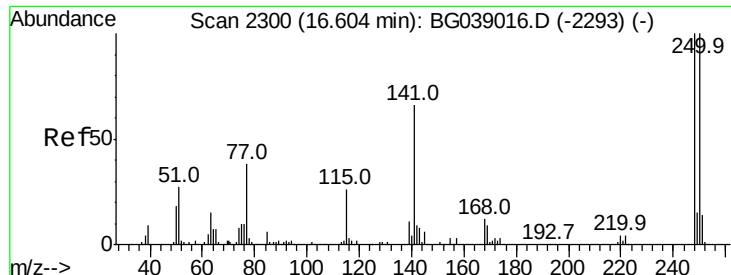
168 67.7 53.2 79.8

167 37.2 29.1 43.7



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





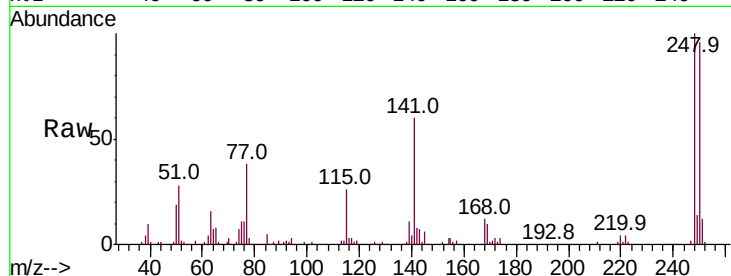
#67
 4-Bromophenyl-phenylether
 Concen: 29.187 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.9	119.9
141	59.9	52.7	79.1

Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:06:02 PM

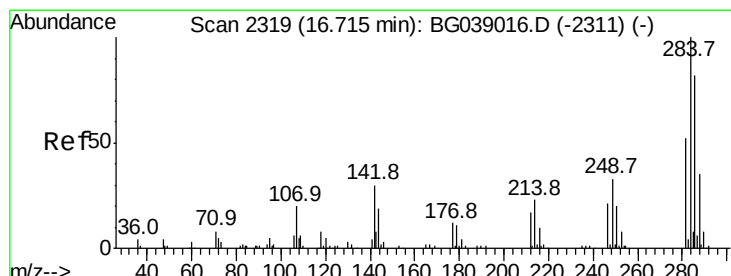
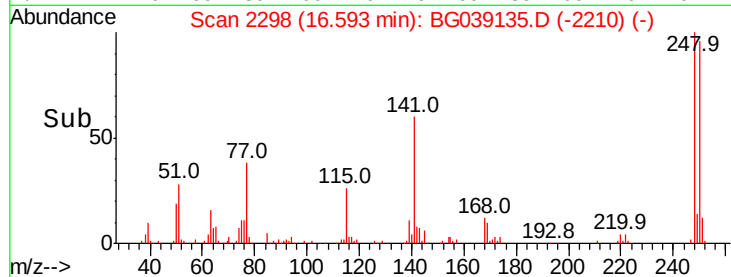
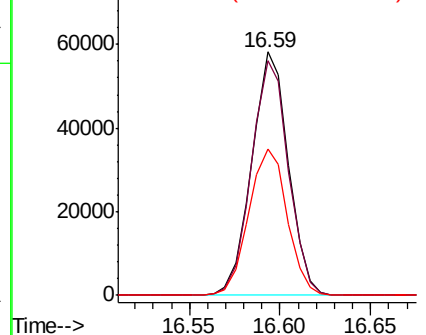


Abundance

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: 29.161 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

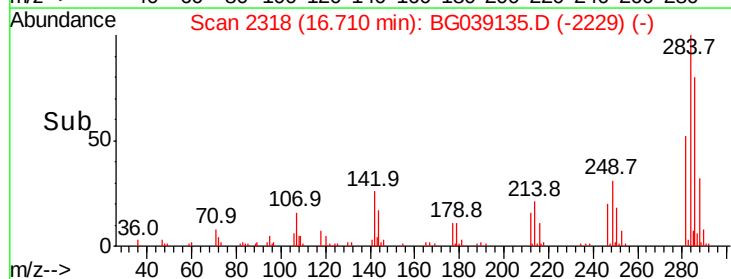
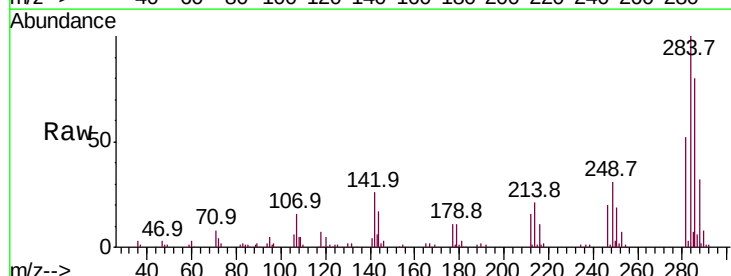
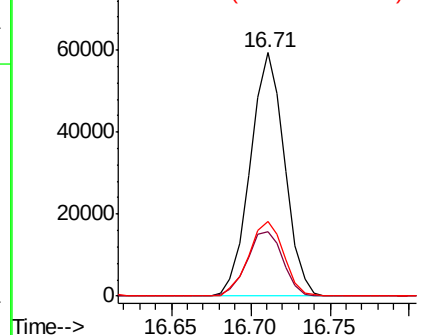
Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	24.3	36.5
249	30.9	27.8	41.8

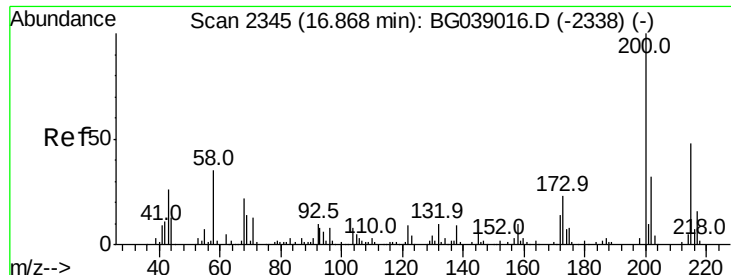
Abundance

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





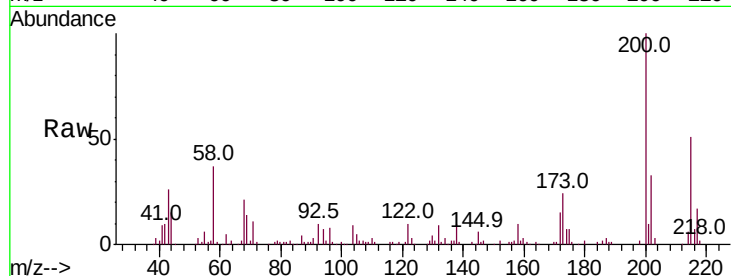
#69
Atrazine
Concen: 32.600 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

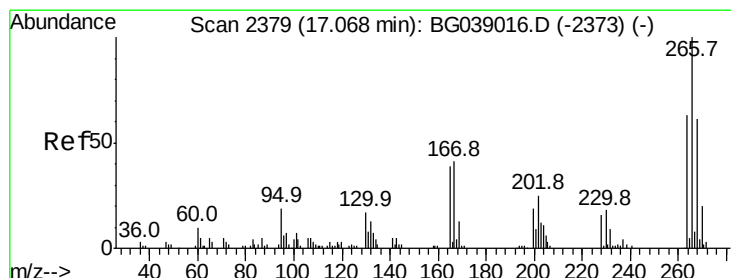
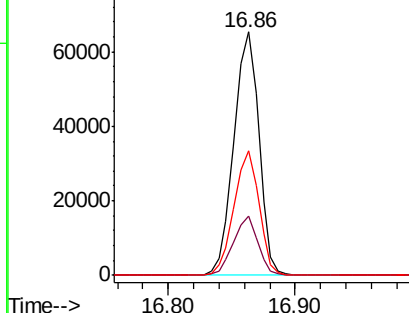
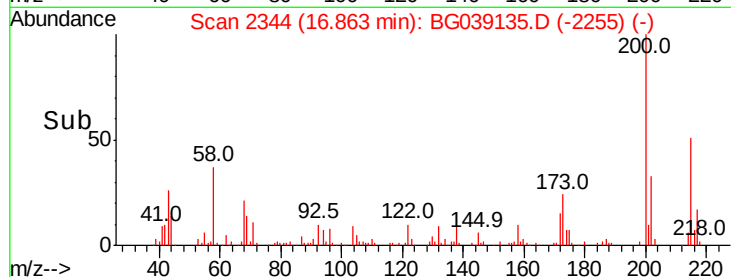
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	2.6	42.6
215	51.2	28.0	68.0

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM

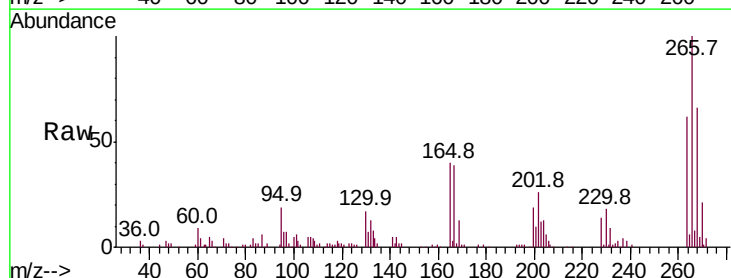


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

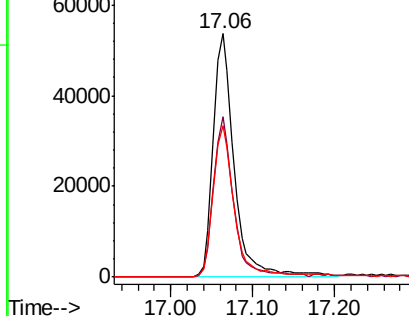
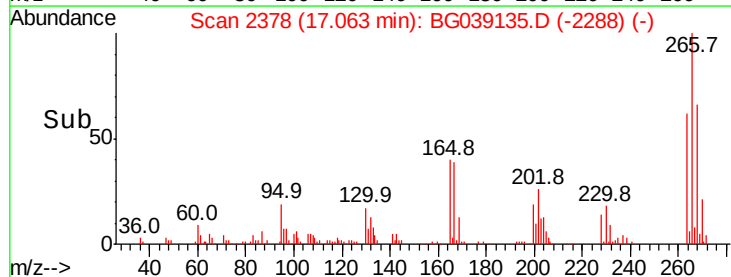


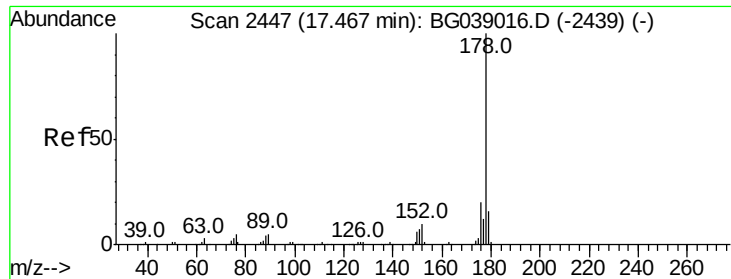
#70
Pentachlorophenol
Concen: 53.704 ng
RT: 17.06 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.5	52.0	78.0
264	67.9	54.6	81.8



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





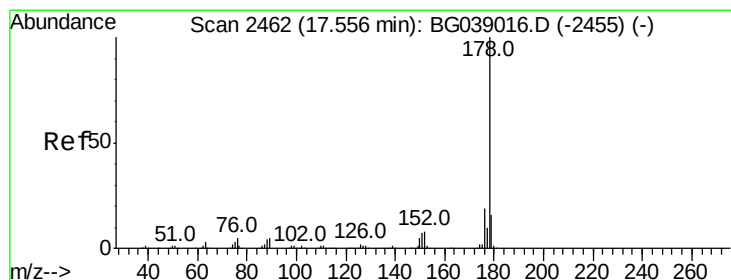
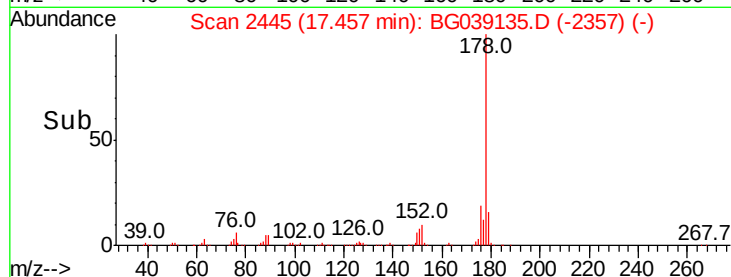
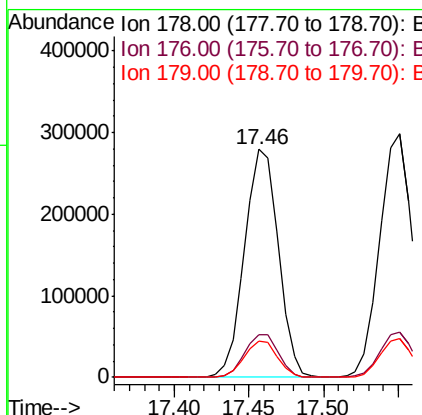
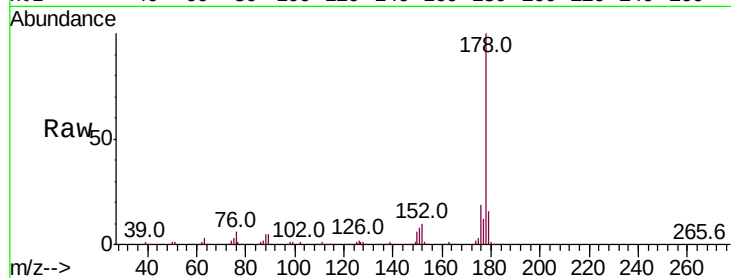
#71
Phenanthrene
Concen: 38.073 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.7	12.9	19.3

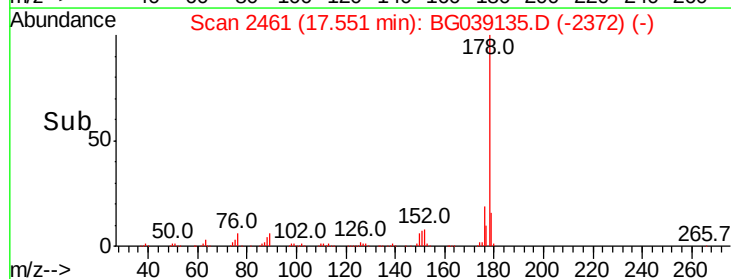
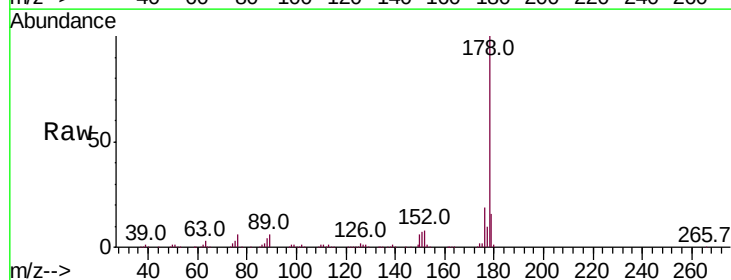
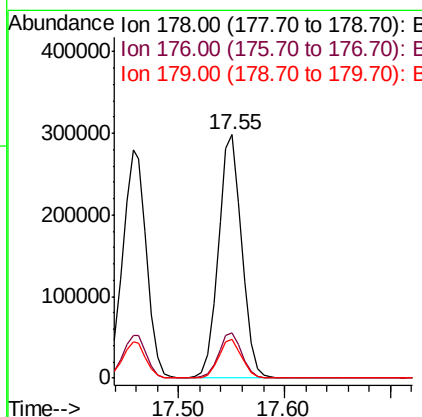
Manual Integrations
APPROVED

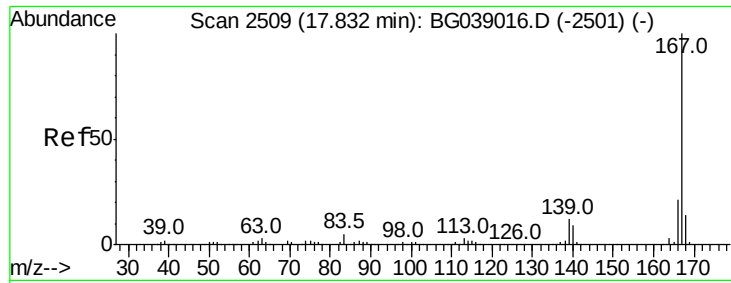
Sohil
1/16/2019 2:06:02 PM



#72
Anthracene
Concen: 40.222 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	16.0	13.0	19.4





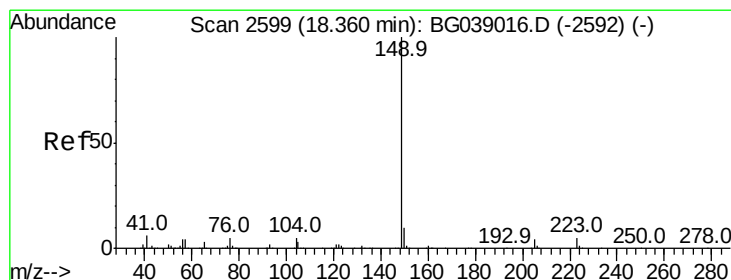
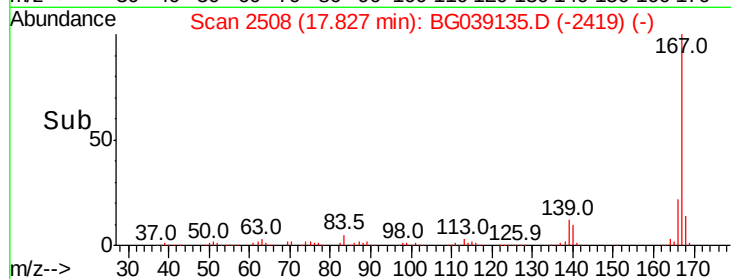
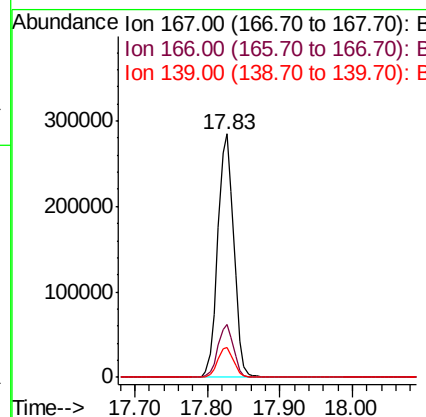
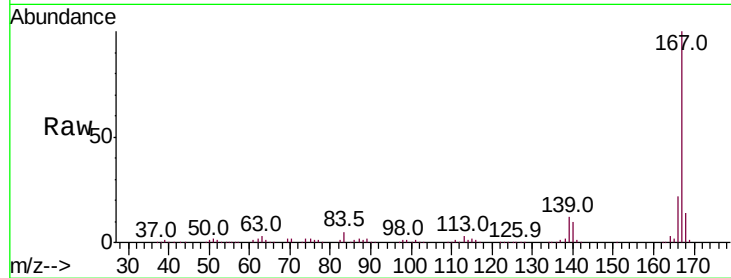
#73
 Carbazole
 Concen: 38.950 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.5	16.9	25.3	
139	12.4	10.0	15.0	

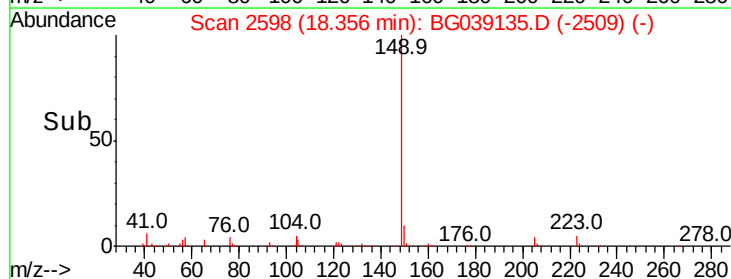
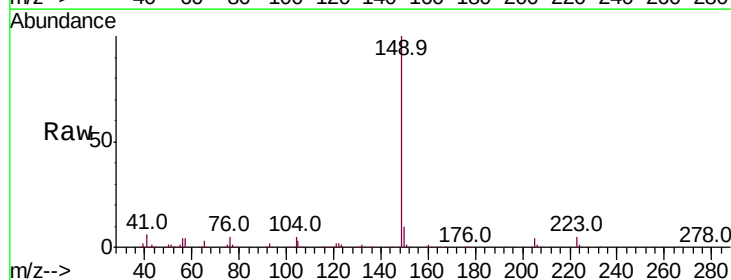
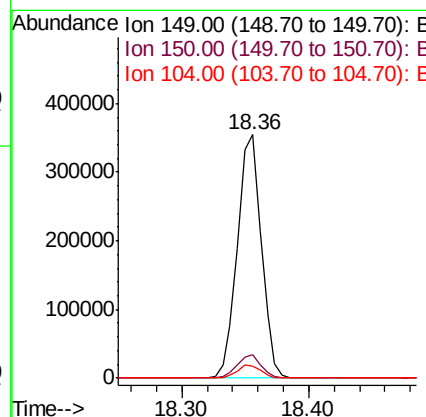
Manual Integrations
 APPROVED

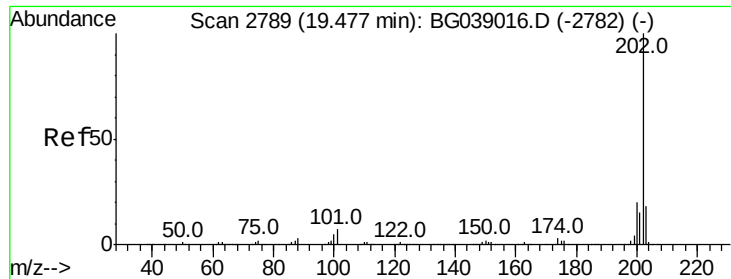
Sohil
 1/16/2019 2:06:02 PM



#74
 Di-n-butylphthalate
 Concen: 36.991 ng
 RT: 18.36 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.6	7.9	11.9	
104	5.1	4.2	6.2	





#75

Fluoranthene

Concen: 41.216 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

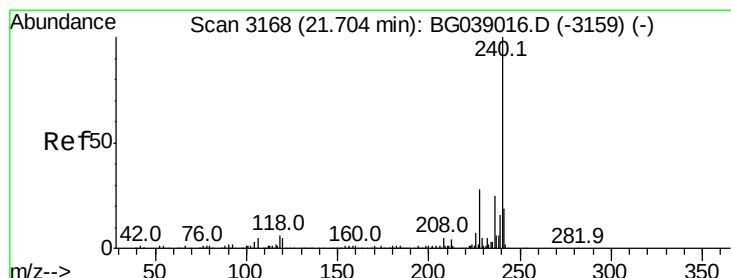
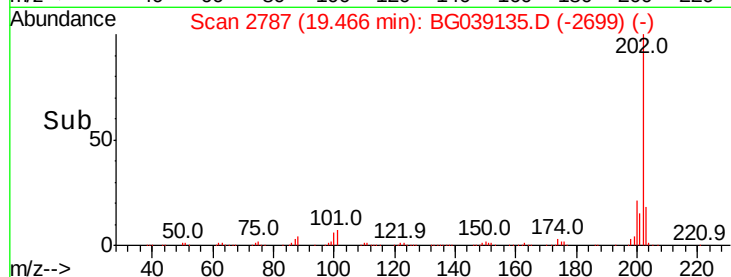
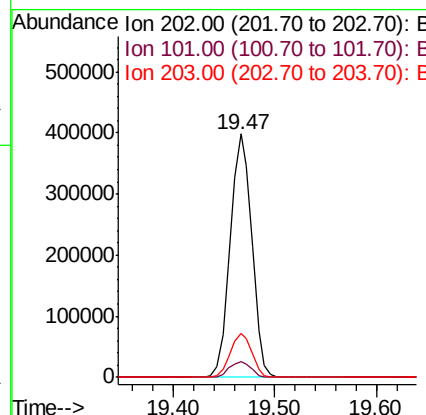
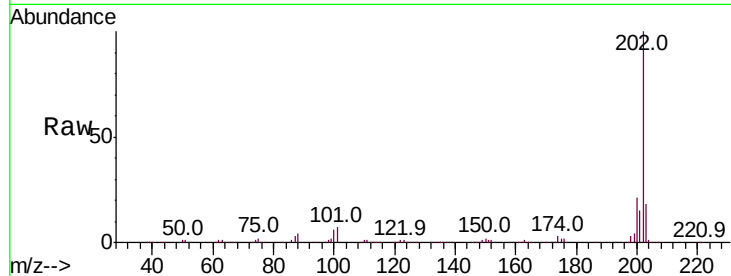
ClientSampleId :

PB116382BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	587250		
101	6.7		0.0	26.9
203	18.0		0.0	38.1

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM



#76

Chrysene-d12

Concen: 20.000 ng

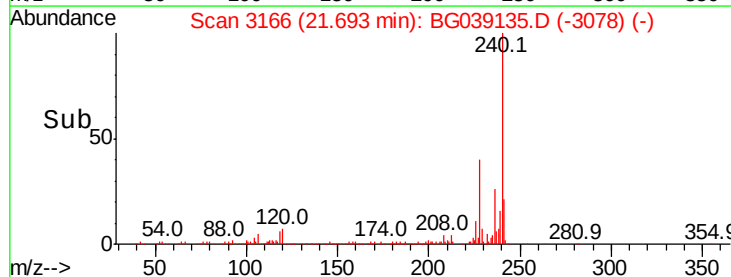
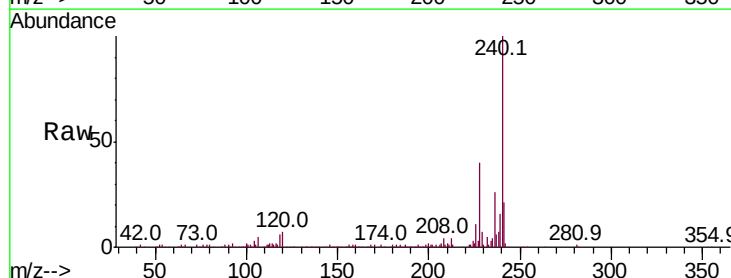
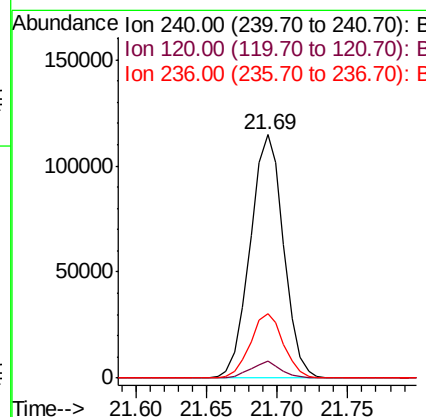
RT: 21.69 min Scan# 3166

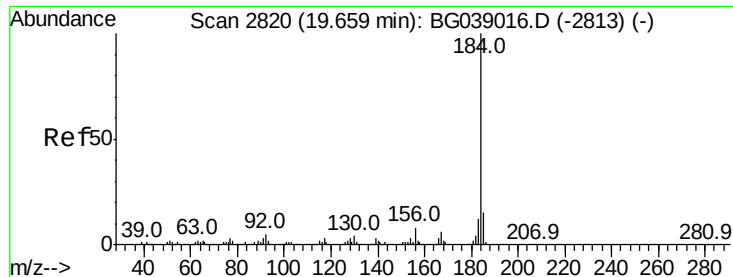
Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	190448		
120	6.9		4.3	6.5#
236	26.2		20.1	30.1





#77

Benzidine

Concen: 25.170 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

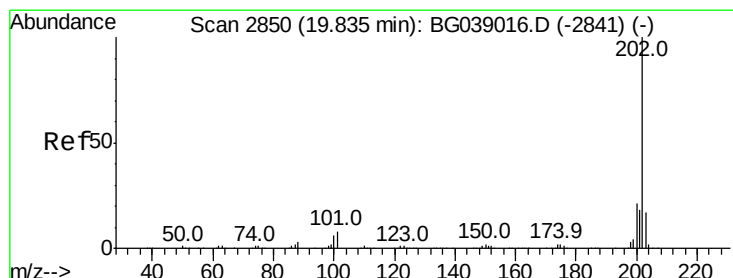
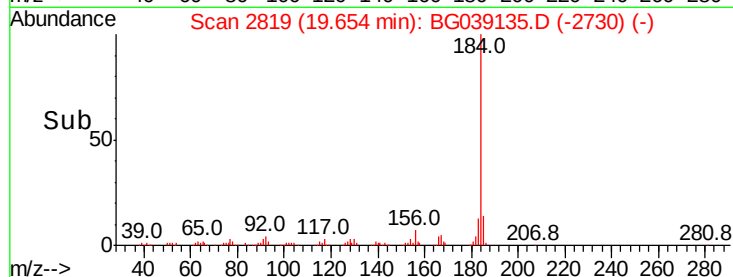
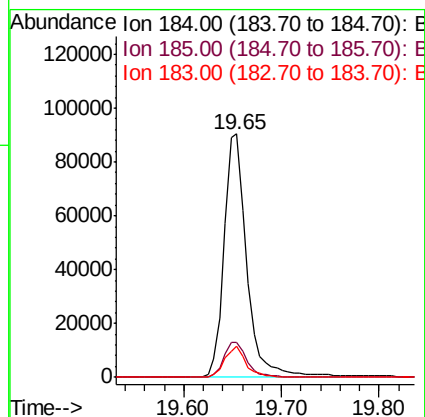
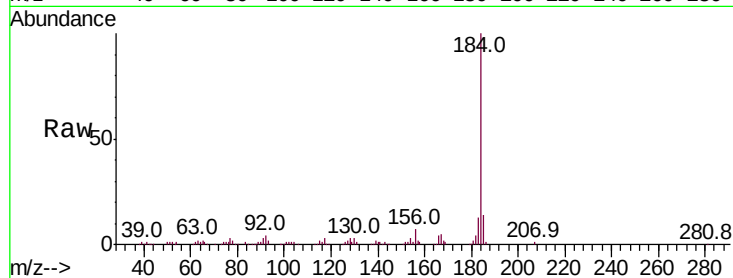
ClientSampleId :

PB116382BS

Tot Ion:	184	Resp:	146618
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.1	18.1
183	12.7	9.5	14.3

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM



#78

Pyrene

Concen: 46.240 ng

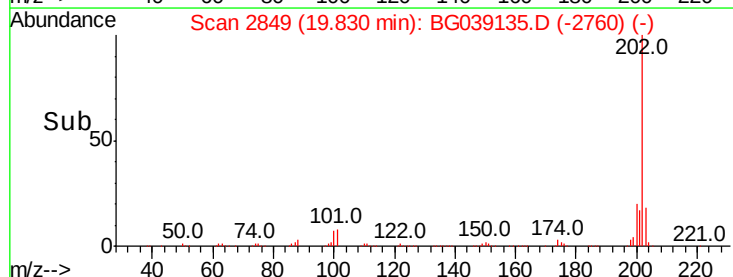
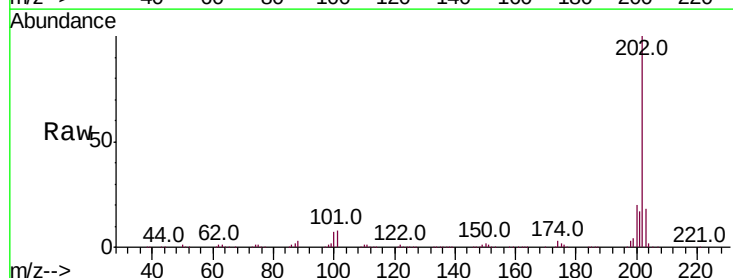
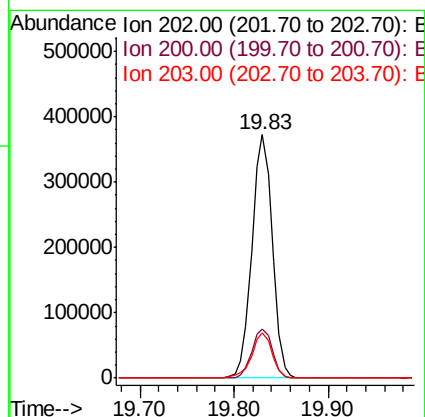
RT: 19.83 min Scan# 2849

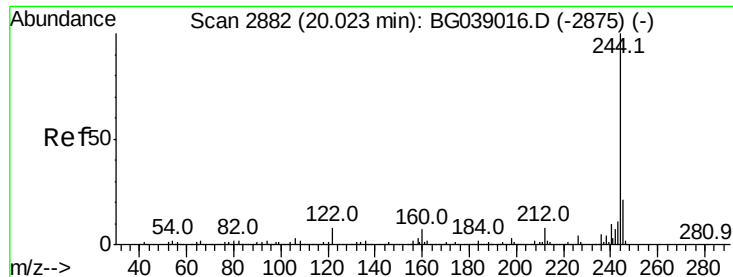
Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Tgt Ion:	202	Resp:	561220
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.0	25.6
203	18.5	14.0	21.0





#79

Terphenyl-d14

Concen: 91.760 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

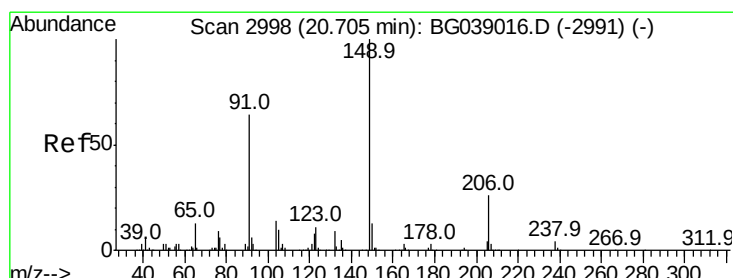
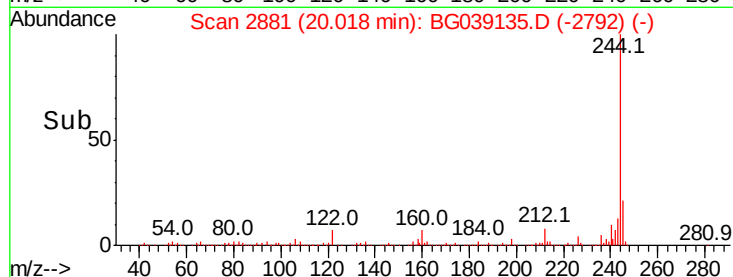
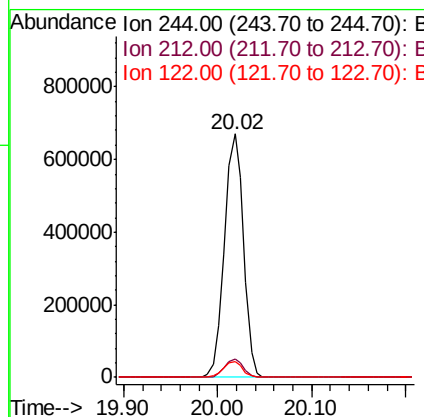
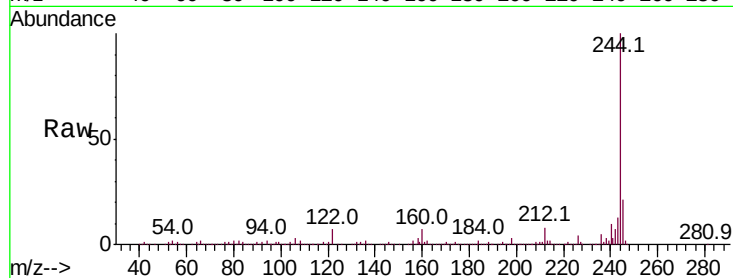
ClientSampleId :

PB116382BS

Tot Ion:	244	Resp:	944681
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.1	9.1
122	6.7	6.1	9.1

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM



#80

Butylbenzylphthalate

Concen: 47.563 ng

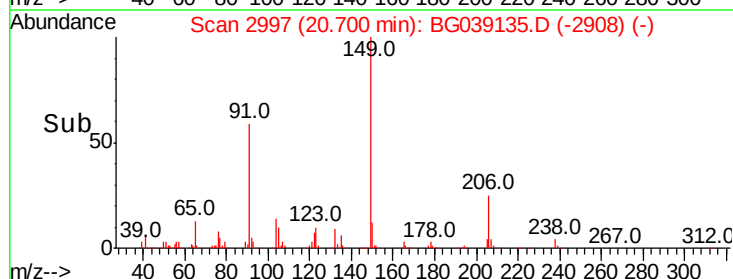
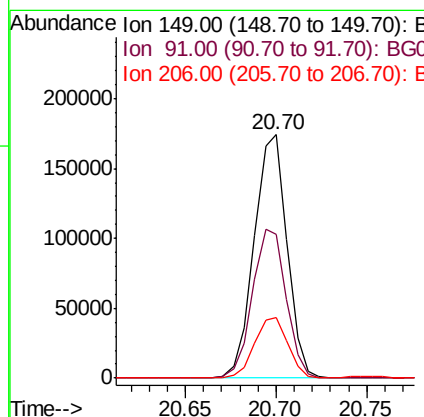
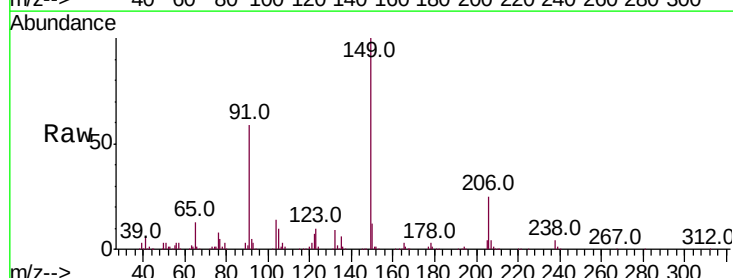
RT: 20.70 min Scan# 2997

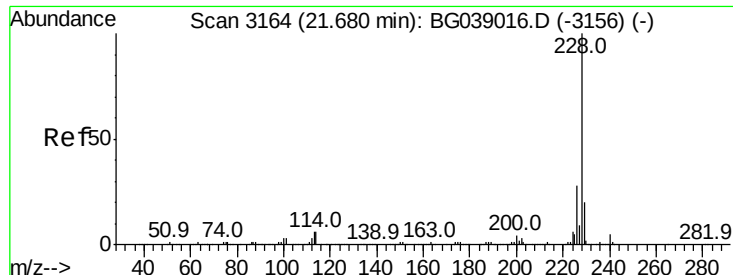
Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Tgt Ion:	149	Resp:	219556
Ion Ratio	Lower	Upper	
149	100		
91	59.0	51.4	77.0
206	25.0	20.4	30.6





#81

Benzo(a)anthracene

Concen: 41.612 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

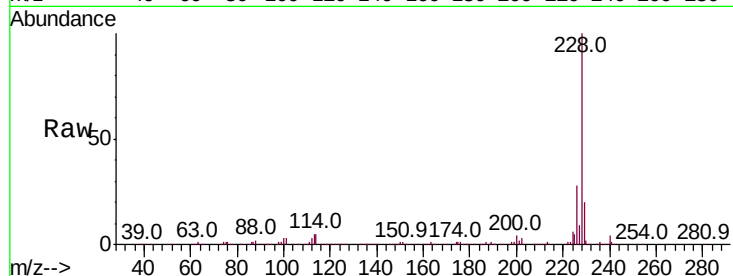
ClientSampleId :

PB116382BS

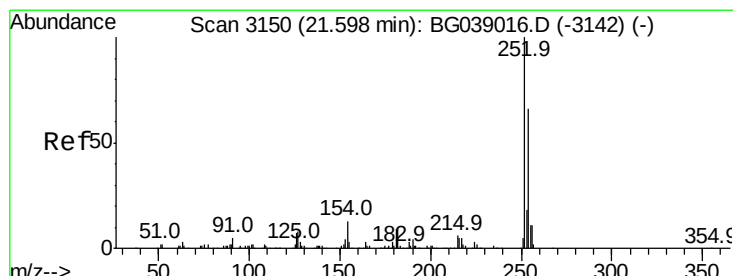
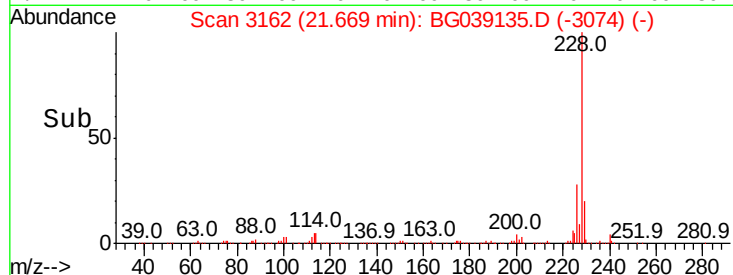
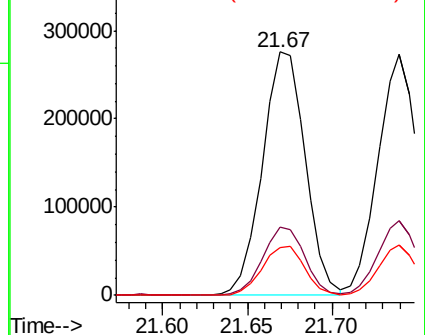
Tot Ion:	228	Resp:	482432
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.4	33.6
229	19.8	16.2	24.2

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.592 ng

RT: 21.59 min Scan# 3148

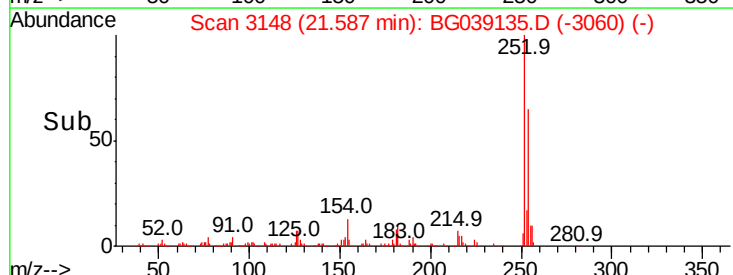
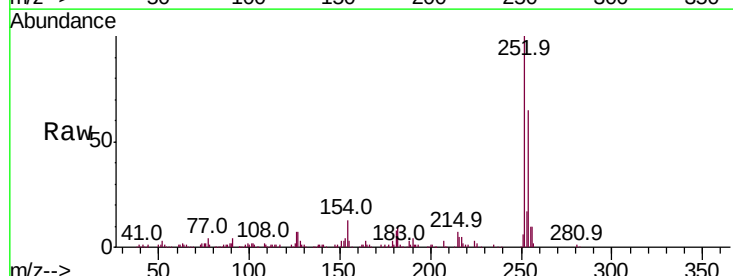
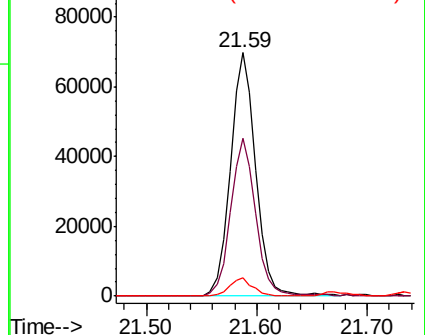
Delta R.T. -0.01 min

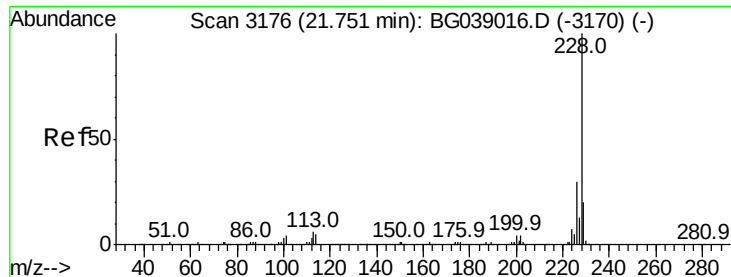
Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Tgt Ion:	252	Resp:	111442
Ion Ratio	Lower	Upper	
252	100		
254	64.8	53.0	79.6
126	7.3	6.0	9.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.585 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

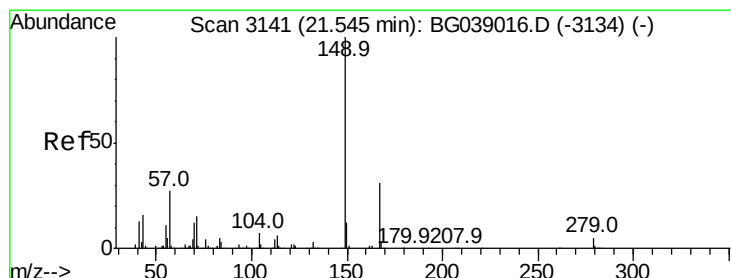
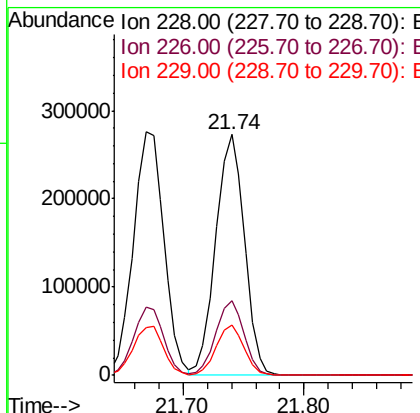
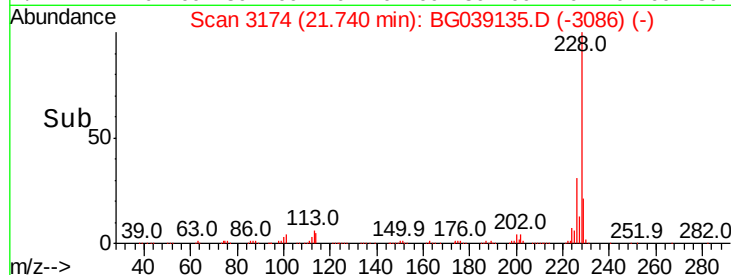
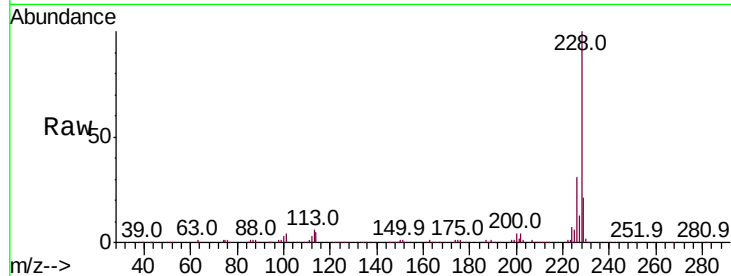
ClientSampleId :

PB116382BS

Tot Ion:	228	Resp:	447508
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.1	36.1
229	21.0	16.0	24.0

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.936 ng

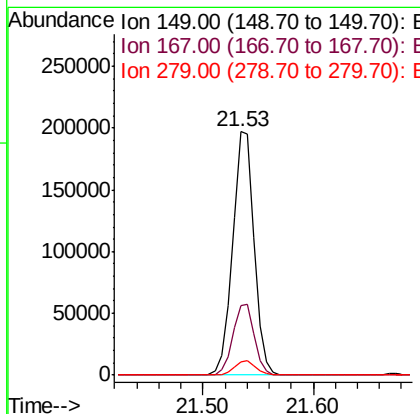
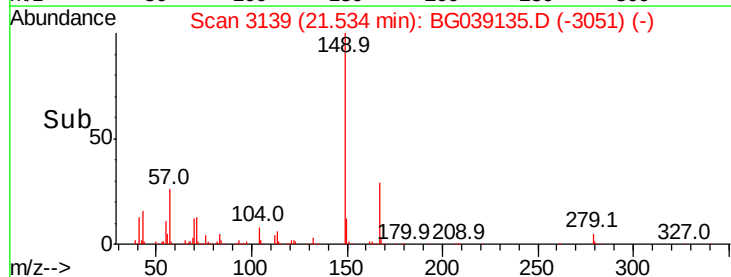
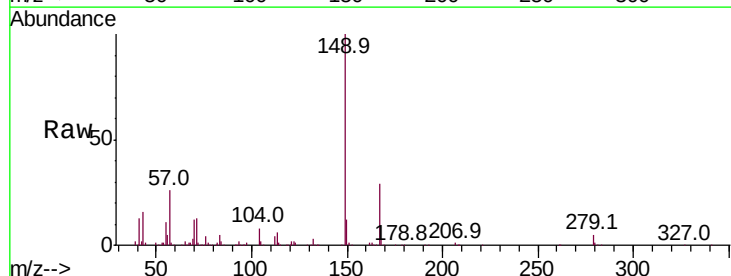
RT: 21.53 min Scan# 3139

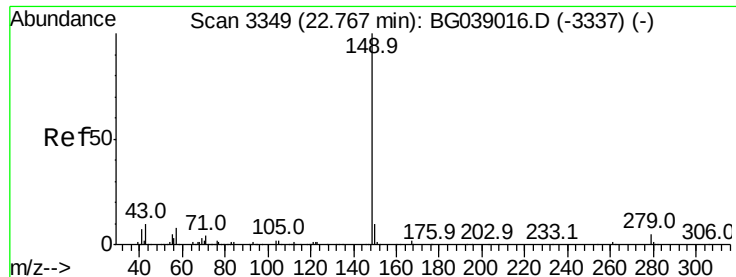
Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Tgt Ion:	149	Resp:	268792
Ion Ratio	Lower	Upper	
149	100		
167	28.7	25.0	37.4
279	5.3	4.3	6.5





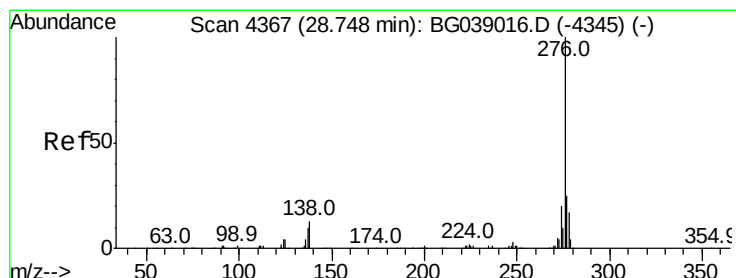
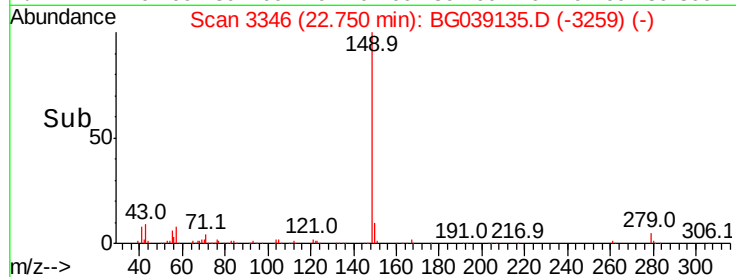
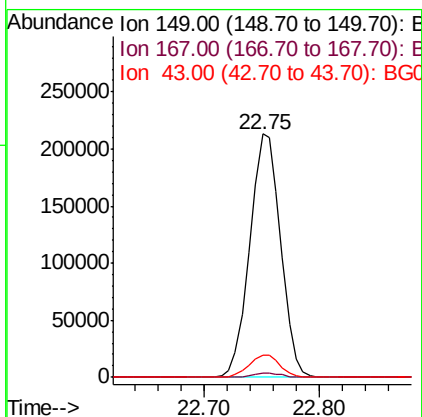
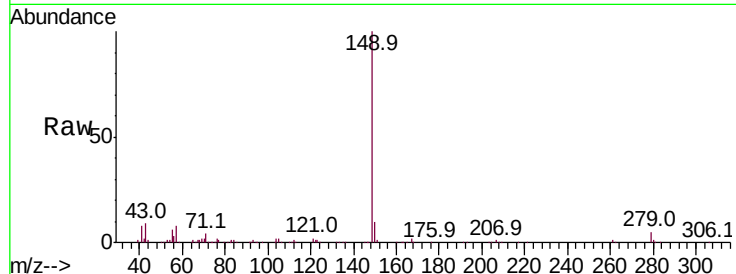
#85
Di-n-octyl phthalate
Concen: 36.503 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.02 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleID :
PB116382BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	395624		
167	1.7		1.3	1.9
43	9.5		7.5	11.3

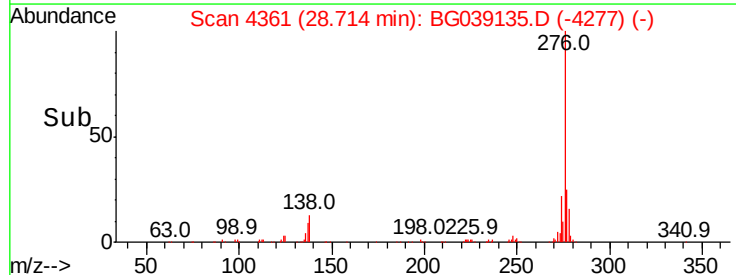
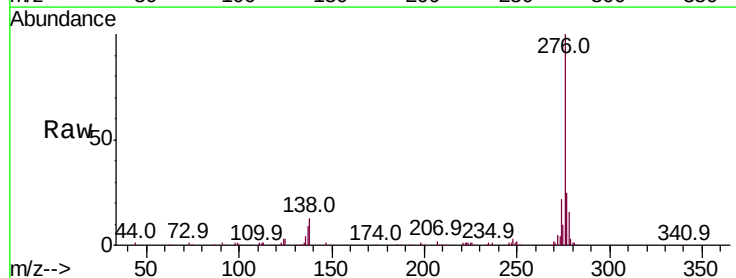
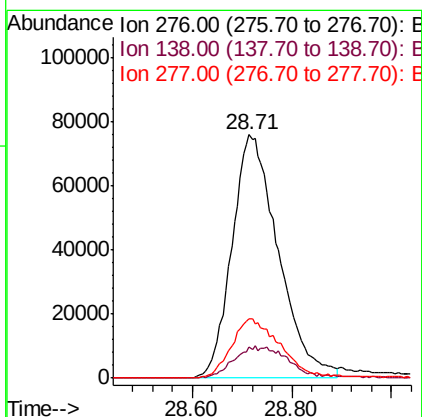
Manual Integrations
APPROVED

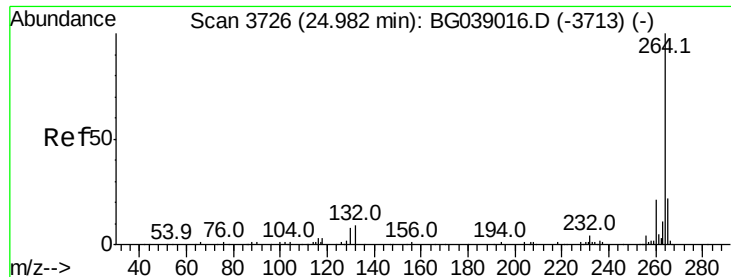
Sohil
1/16/2019 2:06:02 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.192 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.03 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	490025		
138	7.0		8.0	12.0#
277	25.7		20.3	30.5





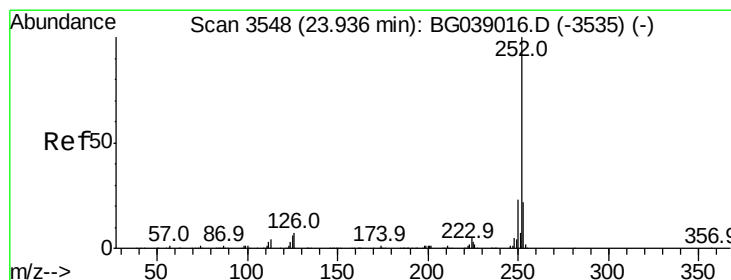
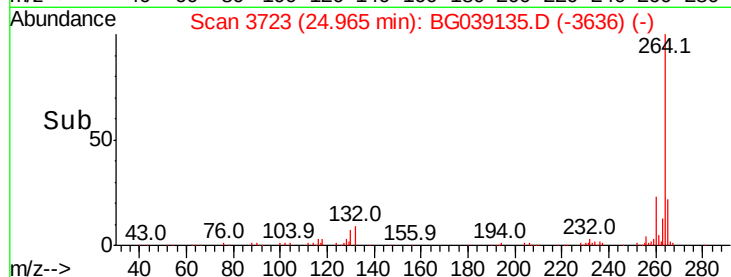
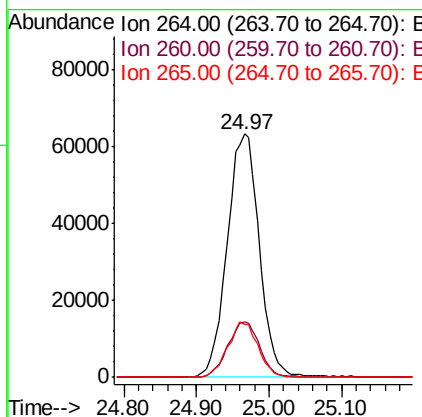
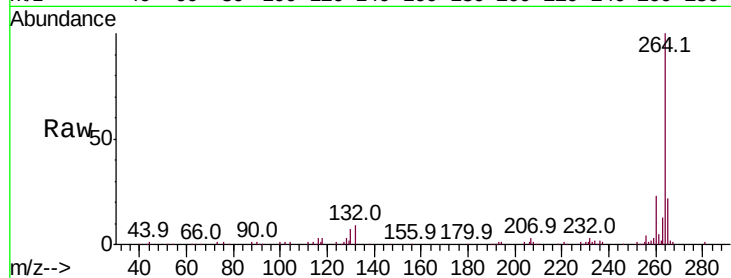
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3723
Delta R.T. -0.02 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.0	25.6
265	22.0	17.2	25.8

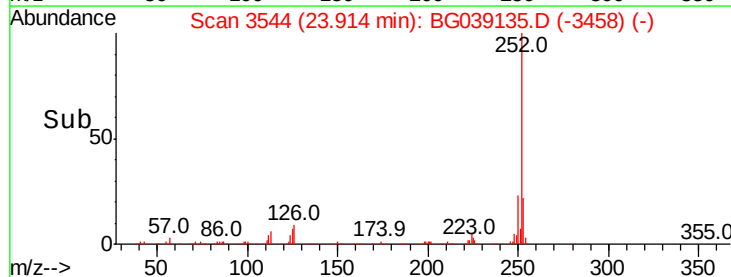
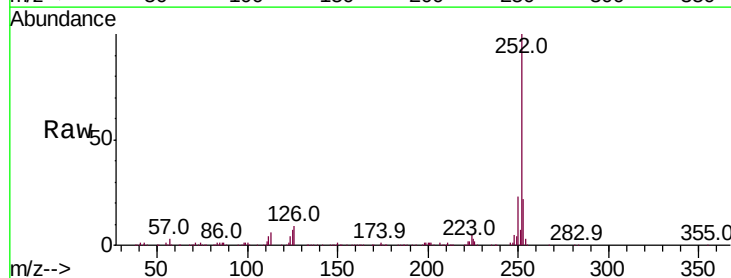
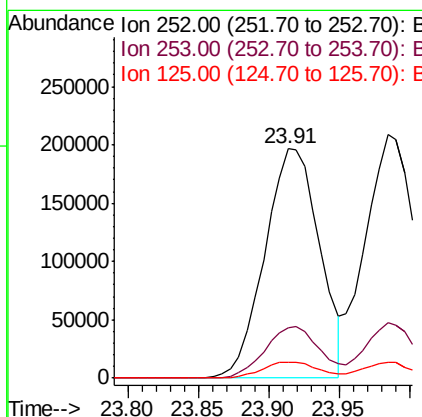
Manual Integrations
APPROVED

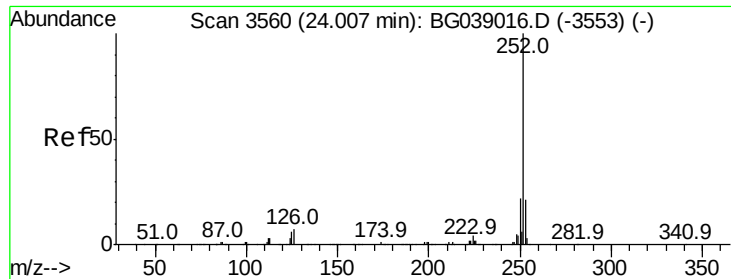
Sohil
1/16/2019 2:06:02 PM



#88
Benzo(b)fluoranthene
Concen: 49.365 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.02 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	6.9	4.9	7.3





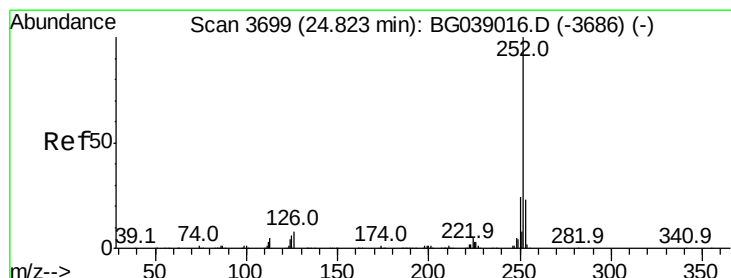
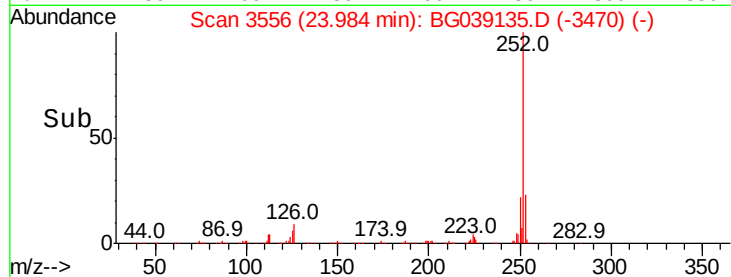
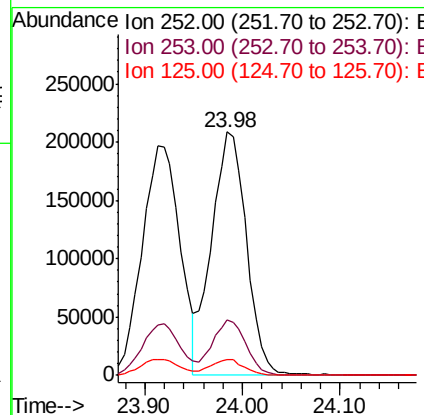
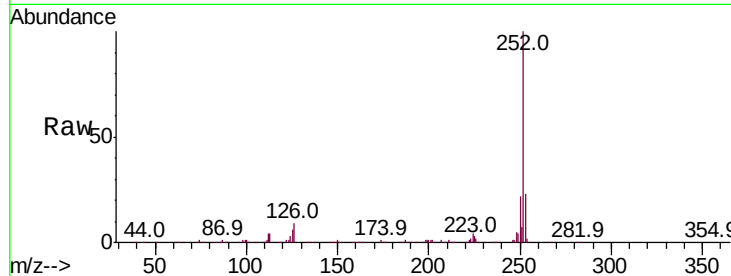
#89
Benzo(k)fluoranthene
Concen: 48.485 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.02 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	6.4	4.6	7.0

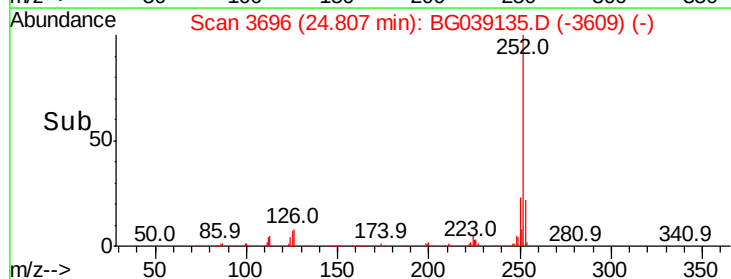
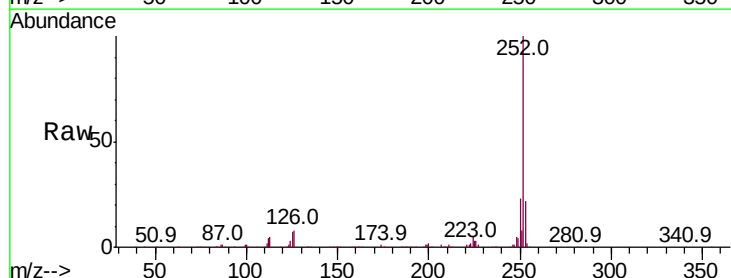
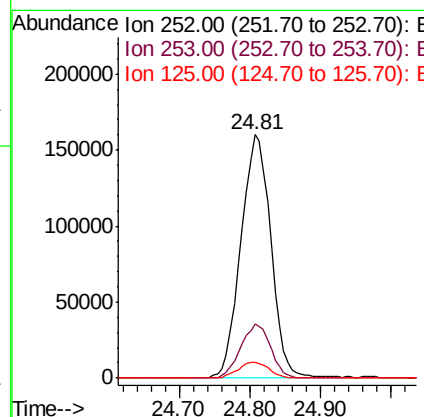
Manual Integrations
APPROVED

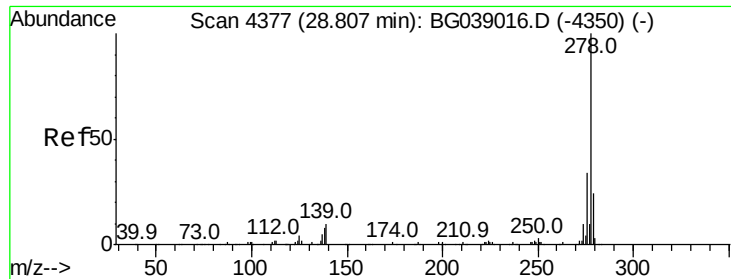
Sohil
1/16/2019 2:06:02 PM



#90
Benzo(a)pyrene
Concen: 45.528 ng
RT: 24.81 min Scan# 3696
Delta R.T. -0.02 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	6.7	4.9	7.3





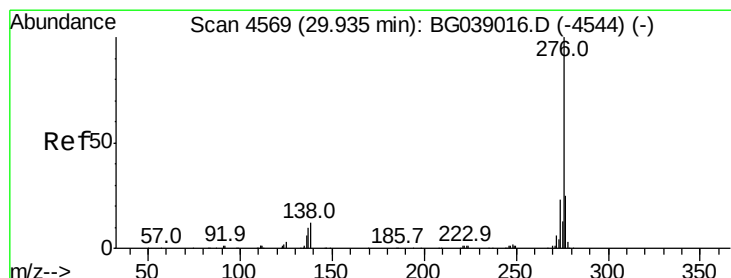
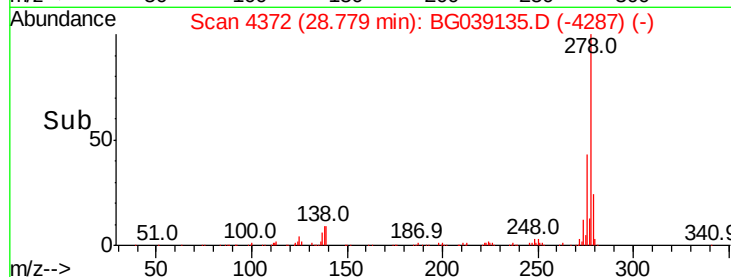
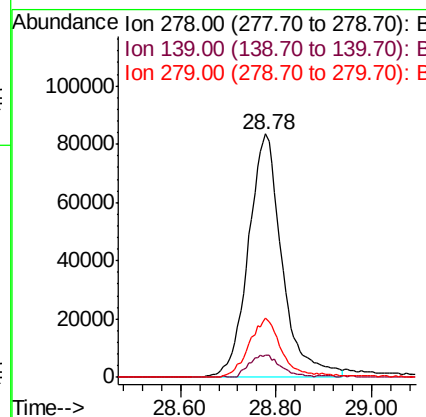
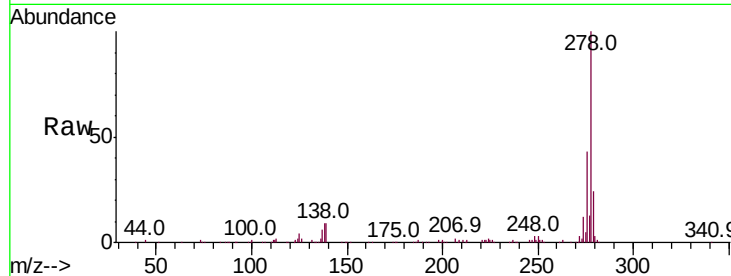
#91
Dibenzo(a,h)anthracene
Concen: 39.464 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.03 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampled :
PB116382BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.0	7.9	11.9
279	24.1	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:02 PM



#92
Benzo(g,h,i)perylene
Concen: 40.870 ng
RT: 29.90 min Scan# 4562
Delta R.T. -0.04 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	20.3	30.5
138	10.5	9.4	14.2

