

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040156.D
 Acq On : 26 Mar 2019 20:58
 Operator : JU/SJ
 Sample : PB118294BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

Manual Integrations
 APPROVED

Sohil
 3/27/2019 5:30:57 PM

Quant Time: Mar 27 02:13:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42344	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	187946	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	127477	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	301597	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	299601	20.00	ng	-0.03
87) Perylene-d12	25.15	264	293183	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	197754	79.67	ng	-0.03
7) Phenol-d6	7.29	99	298668	80.70	ng	-0.03
23) Nitrobenzene-d5	9.32	82	288292	82.96	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	128988	86.81	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	716047	79.98	ng	-0.03
79) Terphenyl-d14	20.10	244	1182104	86.87	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	45068	39.330	ng	88
3) Pyridine	3.98	79	124865	40.702	ng	95
4) n-Nitrosodimethylamine	3.90	42	58409	40.135	ng	# 87
6) Aniline	7.47	93	196300	40.485	ng	99
8) 2-Chlorophenol	7.70	128	121090	40.213	ng	96
9) Benzaldehyde	7.28	77	76860	32.195	ng	98
10) Phenol	7.31	94	165573	41.298	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	124925	39.965	ng	96
12) 1,3-Dichlorobenzene	8.03	146	138792	40.754	ng	95
13) 1,4-Dichlorobenzene	8.17	146	141608	40.822	ng	99
14) 1,2-Dichlorobenzene	8.50	146	135718	40.494	ng	99
15) Benzyl Alcohol	8.38	79	122223	41.633	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	232132	37.130	ng	98
17) 2-Methylphenol	8.57	107	109763	42.936	ng	95
18) Hexachloroethane	9.22	117	50120	40.267	ng	98
19) n-Nitroso-di-n-propylamine	8.94	70	105232	39.504	ng	94
20) 3+4-Methylphenols	8.90	107	148413	41.789	ng	98
22) Acetophenone	8.97	105	203431	40.328	ng	# 94
24) Nitrobenzene	9.36	77	154194	42.296	ng	95
25) Isophorone	9.88	82	302391	41.529	ng	96
26) 2-Nitrophenol	10.07	139	80536	45.755	ng	95
27) 2,4-Dimethylphenol	10.11	122	123117	44.974	ng	96
28) bis(2-Chloroethoxy)methane	10.35	93	178013	40.230	ng	97
29) 2,4-Dichlorophenol	10.60	162	140552	45.602	ng	91
30) 1,2,4-Trichlorobenzene	10.82	180	145828	42.047	ng	97
31) Naphthalene	11.01	128	413275	41.531	ng	99
32) Benzoic acid	10.25	122	55986m	32.290	ng	
33) 4-Chloroaniline	11.12	127	187301	44.388	ng	97
34) Hexachlorobutadiene	11.27	225	98480	41.553	ng	94
35) Caprolactam	11.91	113	46473	39.472	ng	98
36) 4-Chloro-3-methylphenol	12.23	107	150632	42.634	ng	99
37) 2-Methylnaphthalene	12.60	142	319764	42.981	ng	97
38) 1-Methylnaphthalene	12.82	142	302674	41.864	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	180588	41.816	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040156.D
 Acq On : 26 Mar 2019 20:58
 Operator : JU/SJ
 Sample : PB118294BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

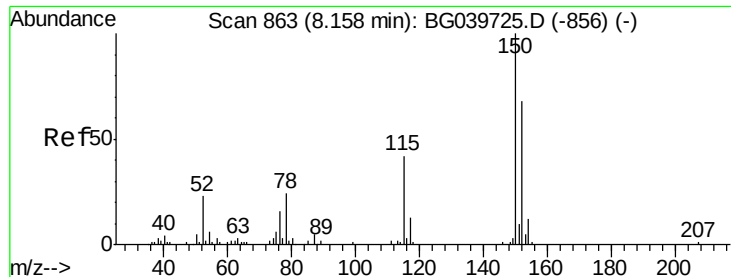
Manual Integrations
 APPROVED

Sohil
 3/27/2019 5:30:57 PM

Quant Time: Mar 27 02:13:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	228540	98.749	nq	100
43) 2,4,6-Trichlorophenol	13.20	196	117146	46.333	nq	99
44) 2,4,5-Trichlorophenol	13.27	196	126233	44.294	nq	95
46) 1,1'-Biphenyl	13.60	154	420967	40.150	nq	98
47) 2-Chloronaphthalene	13.65	162	326592	41.406	nq	99
48) 2-Nitroaniline	13.86	65	111030	43.802	nq	91
49) Acenaphthylene	14.49	152	516672	39.902	nq	99
50) Dimethylphthalate	14.22	163	432003	40.527	nq	99
51) 2,6-Dinitrotoluene	14.35	165	97745	43.255	nq	95
52) Acenaphthene	14.83	154	316050	40.554	nq	99
53) 3-Nitroaniline	14.68	138	95479	42.033	nq	# 96
54) 2,4-Dinitrophenol	14.88	184	34498	27.873	nq	97
55) Dibenzofuran	15.16	168	521250	40.766	nq	98
56) 4-Nitrophenol	14.98	139	137821	67.824	nq	91
57) 2,4-Dinitrotoluene	15.13	165	138134	43.504	nq	# 86
58) Fluorene	15.81	166	410698	40.858	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	124234	44.636	nq	96
60) Diethylphthalate	15.56	149	430497	40.797	nq	98
61) 4-Chlorophenyl-phenylether	15.79	204	222792	41.535	nq	94
62) 4-Nitroaniline	15.84	138	103209	41.910	nq	95
63) Azobenzene	16.09	77	381272	39.860	nq	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	49198	27.589	nq	93
66) n-Nitrosodiphenylamine	16.01	169	373387	42.764	nq	97
67) 4-Bromophenyl-phenylether	16.69	248	144285	42.740	nq	93
68) Hexachlorobenzene	16.80	284	149927	42.844	nq	94
69) Atrazine	16.95	200	93859	27.314	nq	94
70) Pentachlorophenol	17.15	266	154422	69.874	nq	99
71) Phenanthrene	17.55	178	673242	40.527	nq	99
72) Anthracene	17.65	178	684728	42.297	nq	100
73) Carbazole	17.92	167	589338	40.382	nq	99
74) Di-n-butylphthalate	18.44	149	711414	41.431	nq	99
75) Fluoranthene	19.56	202	805460	41.026	nq	99
77) Benzidine	19.74	184	673190	70.808	nq	99
78) Pyrene	19.92	202	799150	41.049	nq	99
80) Butylbenzylphthalate	20.78	149	328107	43.501	nq	94
81) Benzo(a)anthracene	21.78	228	781687	41.630	nq	99
82) 3,3'-Dichlorobenzidine	21.69	252	280727	40.950	nq	98
83) Chrysene	21.85	228	729880	40.095	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	451530	42.601	nq	# 99
85) Di-n-octyl phthalate	22.88	149	774996	44.160	nq	# 94
86) Indeno(1,2,3-cd)pyrene	29.01	276	847484	41.038	nq	# 97
88) Benzo(b)fluoranthene	24.07	252	750404	42.922	nq	# 98
89) Benzo(k)fluoranthene	24.15	252	736783	45.273	nq	99
90) Benzo(a)pyrene	24.99	252	737889	45.675	nq	98
91) Dibenzo(a,h)anthracene	29.07	278	680993	42.997	nq	97
92) Benzo(g,h,i)perylene	30.22	276	699599	43.982	nq	96

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



#1

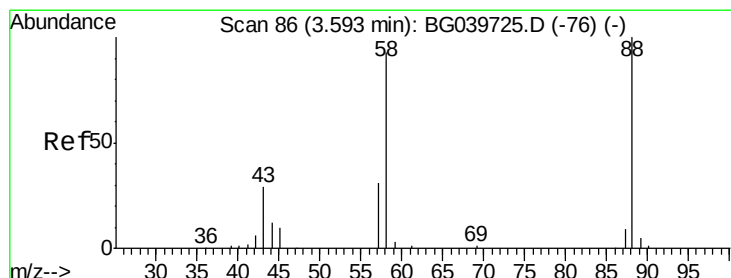
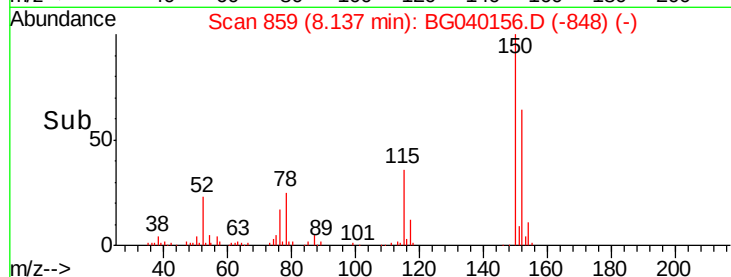
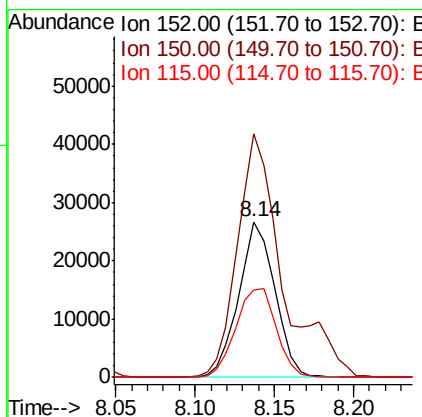
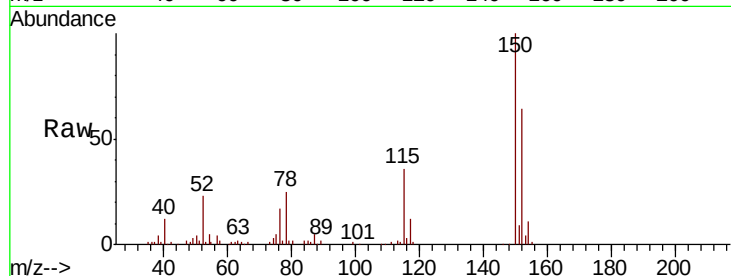
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampled :
PB118294BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.7	185.5
115	55.9	45.9	68.9

Manual Integrations
APPROVED

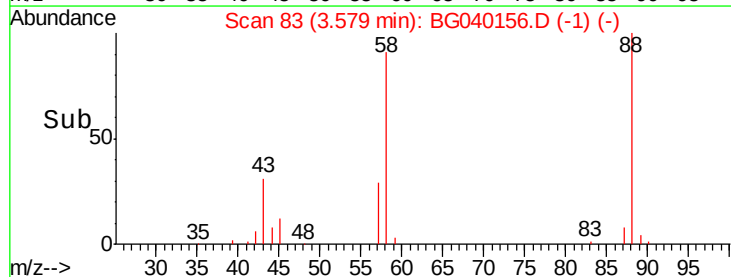
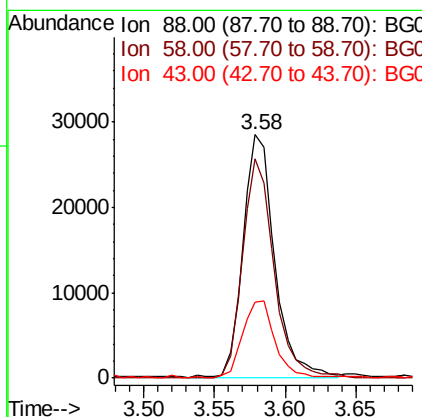
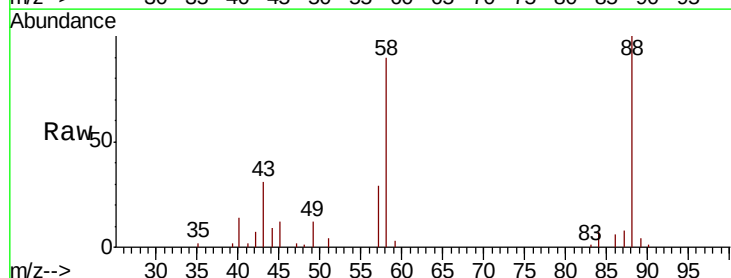
Sohil
3/27/2019 5:30:57 PM

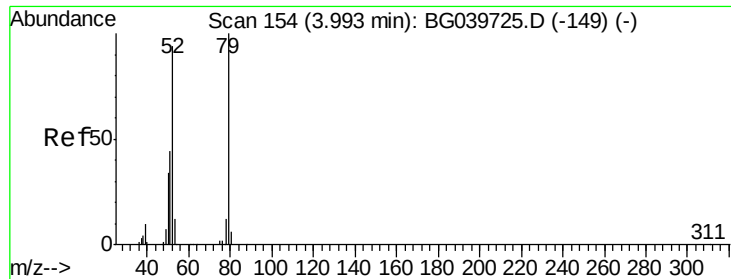


#2

1,4-Dioxane
Concen: 39.330 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.9	81.1	121.7
43	32.8	31.4	47.0





#3

Pvridine

Concen: 40.702 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

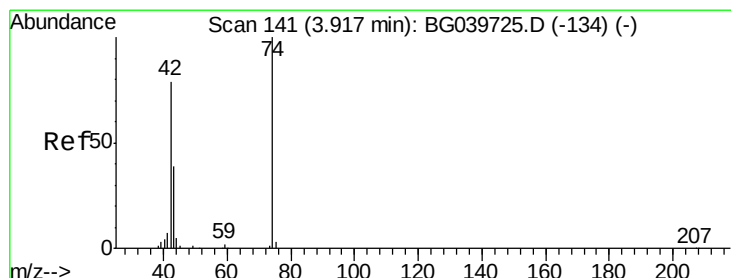
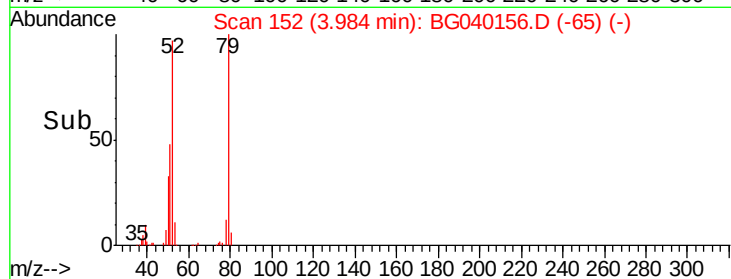
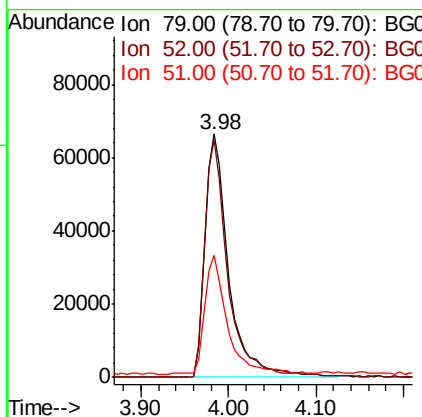
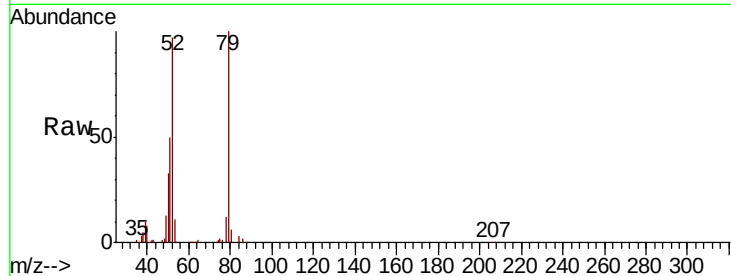
ClientSampleId :

PB118294BSD

Tot Ion:	79	Resp:	124865
Ion Ratio	Lower	Upper	
79	100		
52	97.4	82.6	124.0
51	49.9	37.5	56.3

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



#4

n-Nitrosodimethylamine

Concen: 40.135 ng

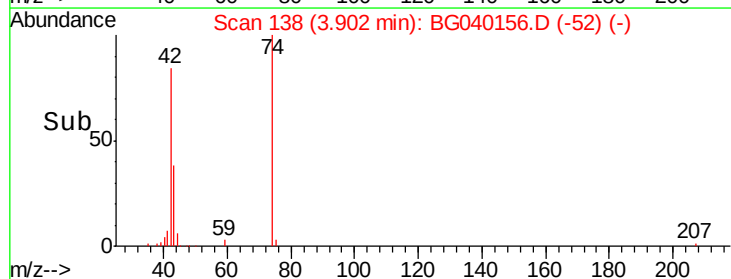
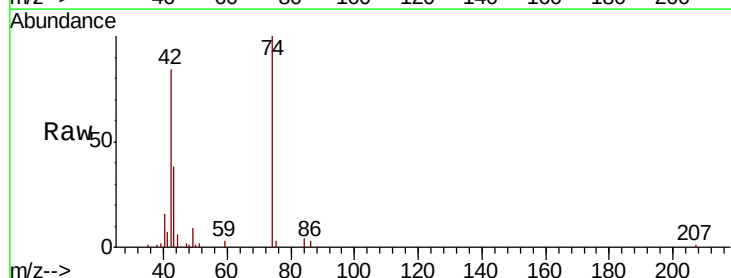
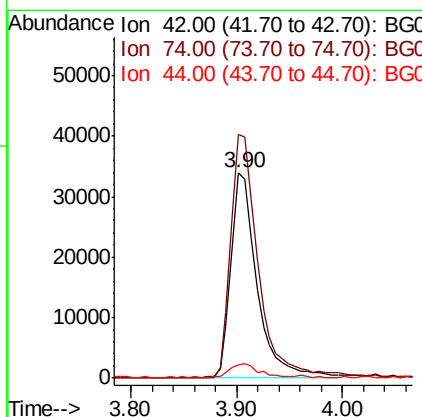
RT: 3.90 min Scan# 138

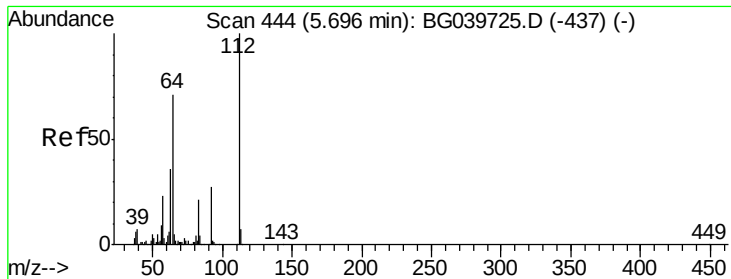
Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Tgt Ion:	42	Resp:	58409
Ion Ratio	Lower	Upper	
42	100		
74	118.5	83.6	125.4
44	6.6	6.9	10.3#





#5

2-Fluorophenol

Concen: 79.674 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

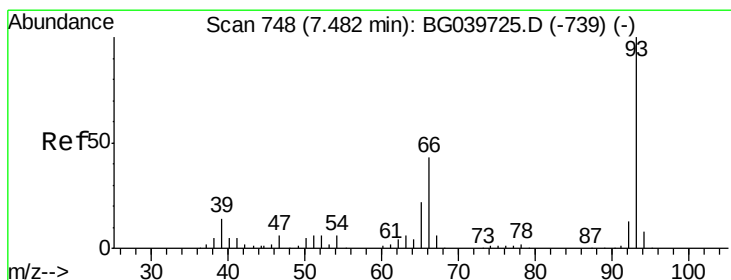
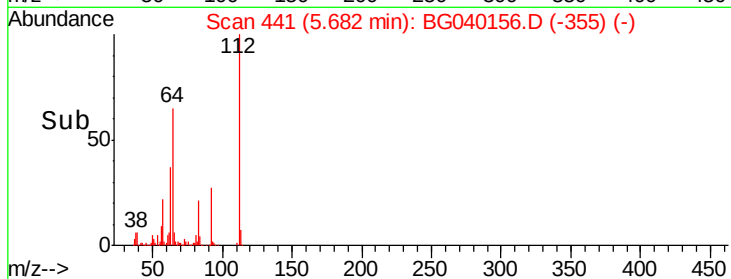
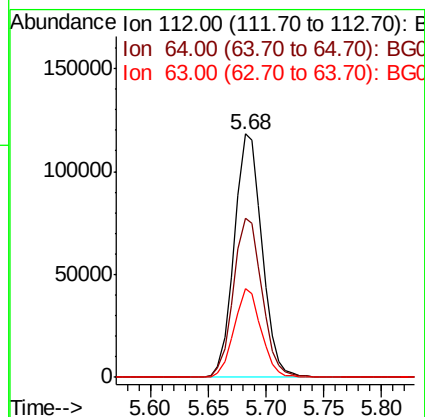
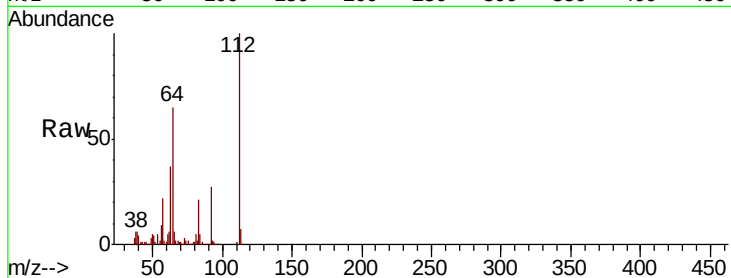
ClientSampleId :

PB118294BSD

Tot Ion:	112	Resp:	197754
Ion Ratio	Lower	Upper	
112	100		
64	65.2	57.8	86.8
63	36.6	29.8	44.6

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



#6

Aniline

Concen: 40.485 ng

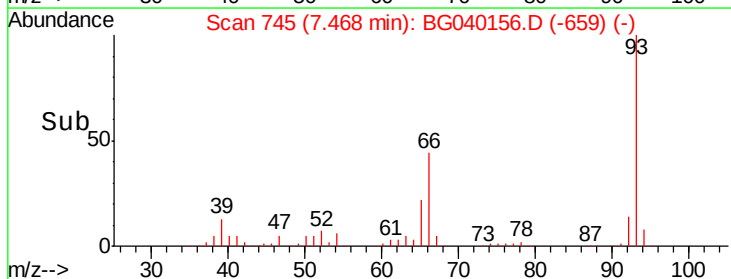
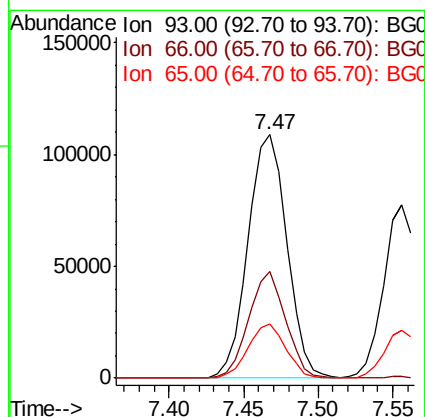
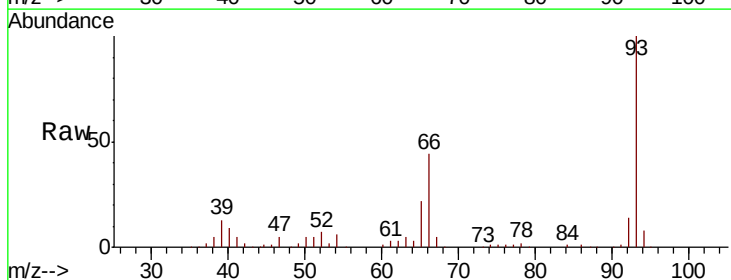
RT: 7.47 min Scan# 745

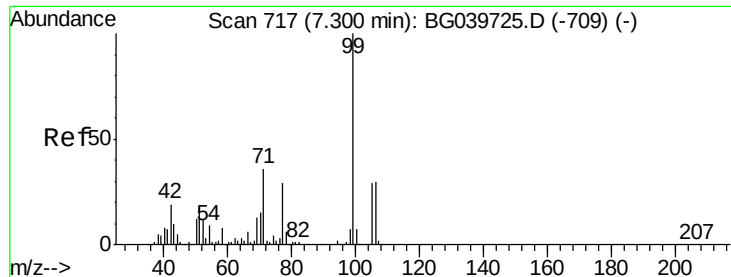
Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Tgt Ion:	93	Resp:	196300
Ion Ratio	Lower	Upper	
93	100		
66	43.6	34.2	51.4
65	22.4	17.7	26.5





#7

Phenol-d6

Concen: 80.702 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

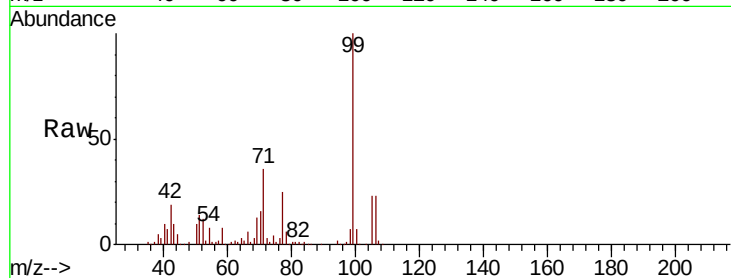
ClientSampleId :

PB118294BSD

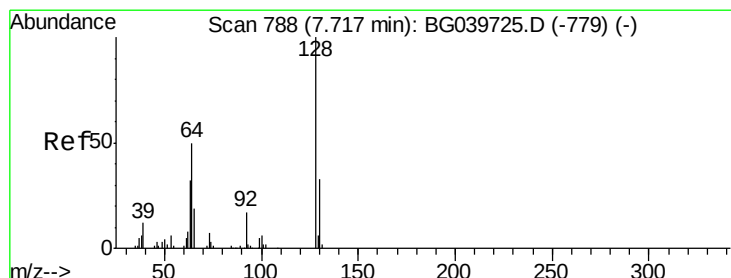
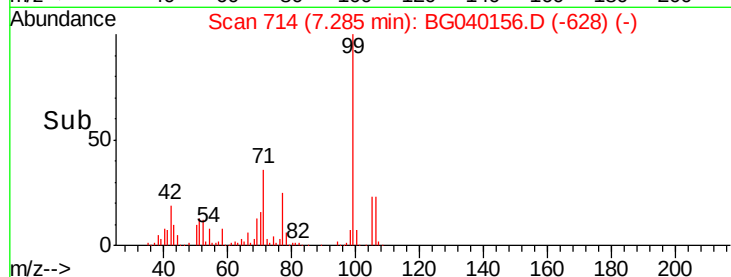
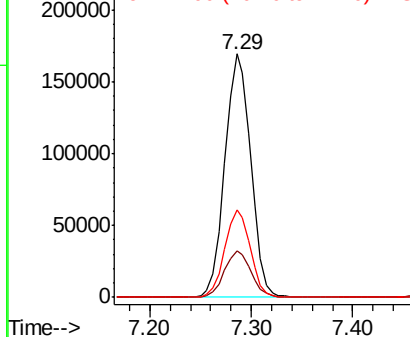
Tot Ion:	99	Resp:	298668
Ion Ratio	Lower	Upper	
99	100		
42	18.9	18.2	27.2
71	35.7	28.0	42.0

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



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



#8

2-Chlorophenol

Concen: 40.213 ng

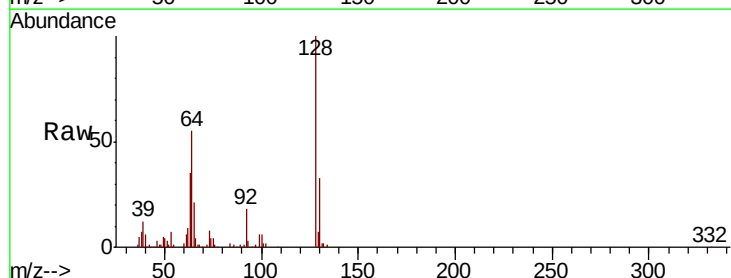
RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

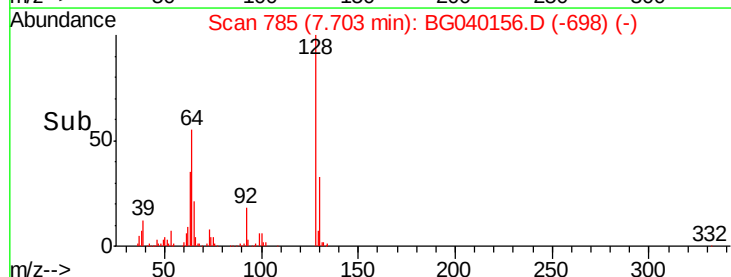
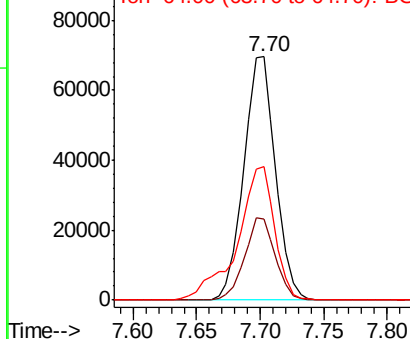
Lab File: BG040156.D

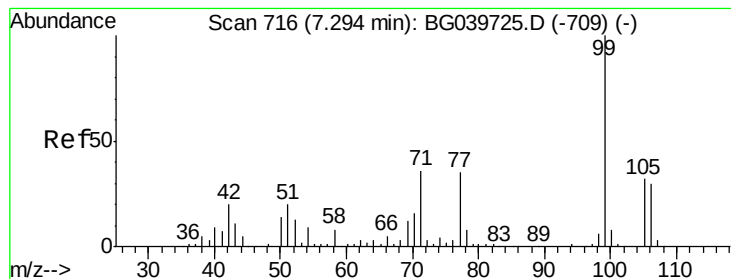
Acq: 26 Mar 2019 20:58

Tgt Ion:	128	Resp:	121090
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.9	52.9
64	55.0	38.7	78.7



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





#9

Benzaldehyde

Concen: 32.195 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

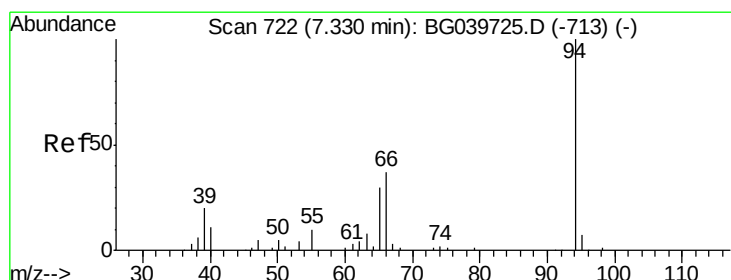
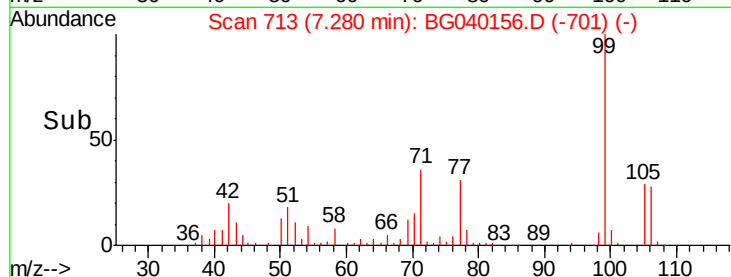
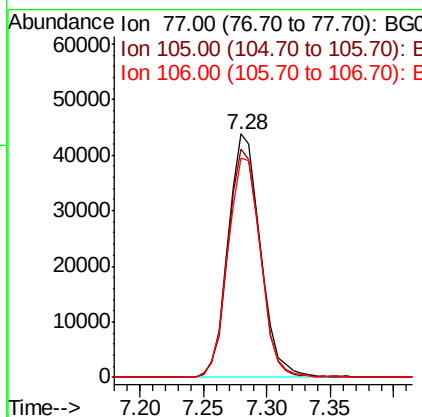
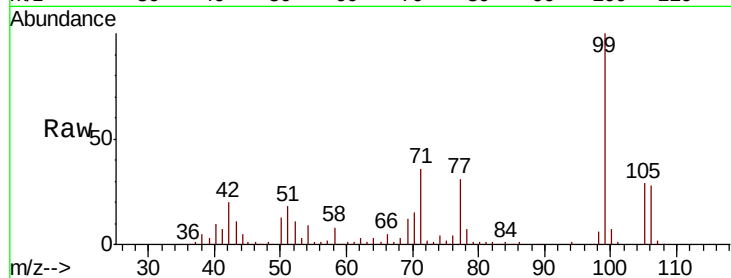
ClientSampleId :

PB118294BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.6	74.5	114.5
106	90.2	68.0	108.0

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



#10

Phenol

Concen: 41.298 ng

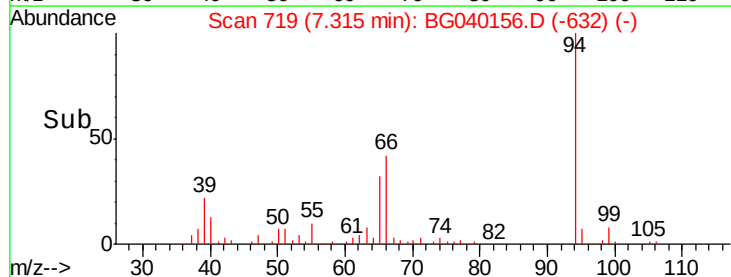
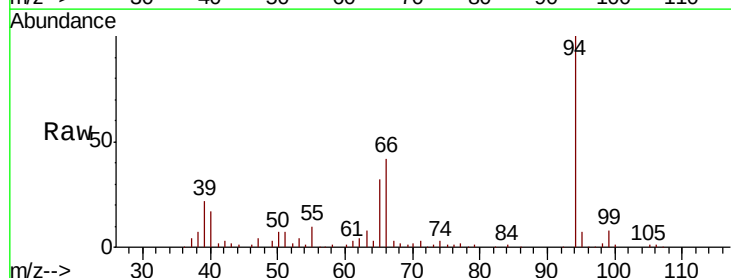
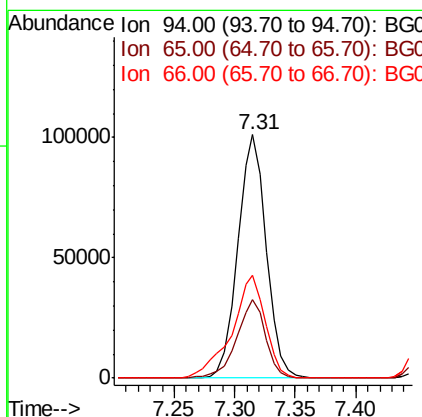
RT: 7.31 min Scan# 719

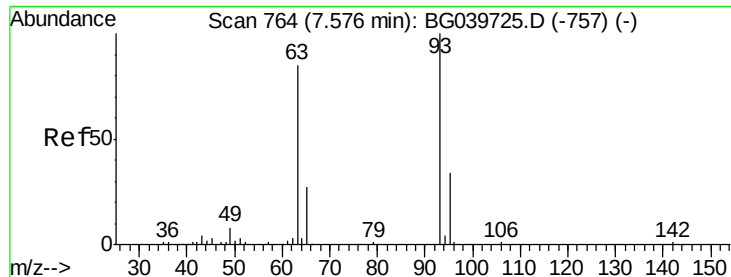
Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.7	51.7
66	42.4	23.7	63.7





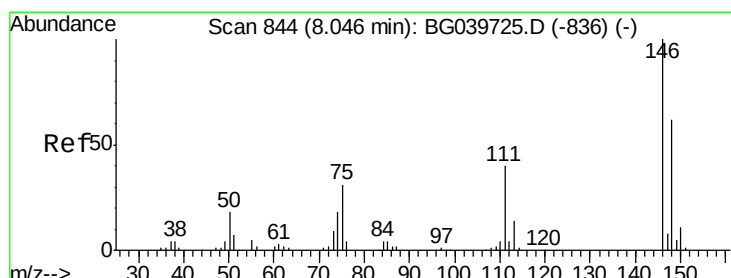
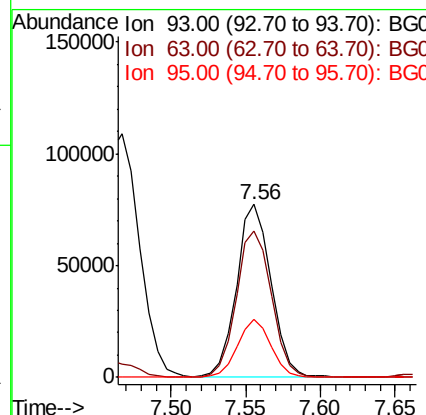
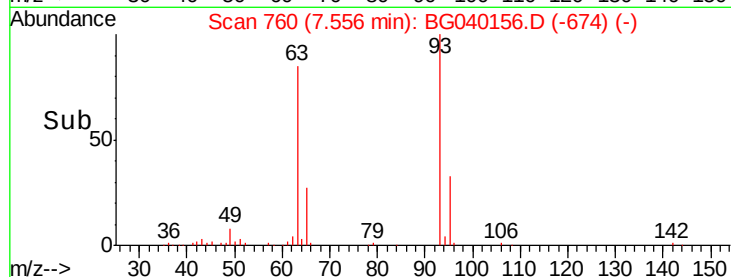
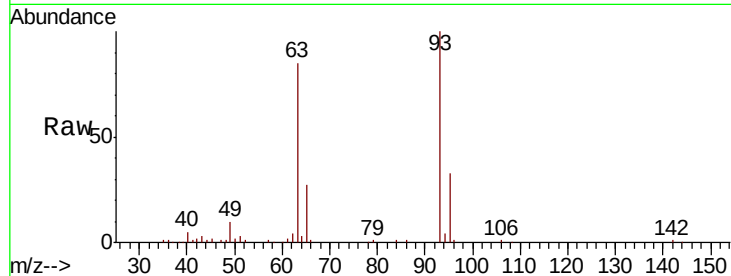
#11
bis(2-Chloroethyl)ether
Concen: 39.965 ng
RT: 7.56 min Scan# 760
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.7	69.5	109.5
95	33.5	12.7	52.7

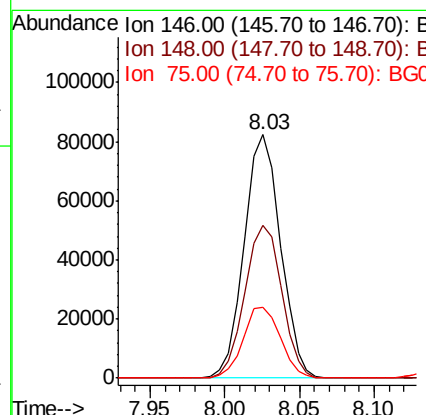
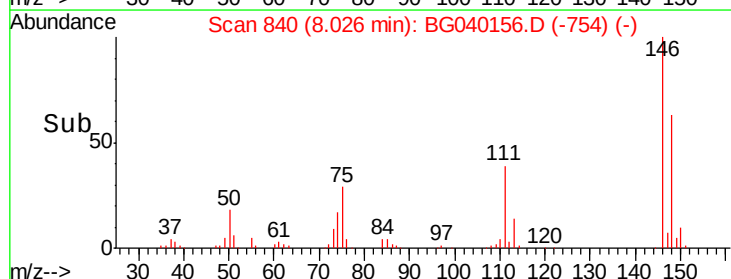
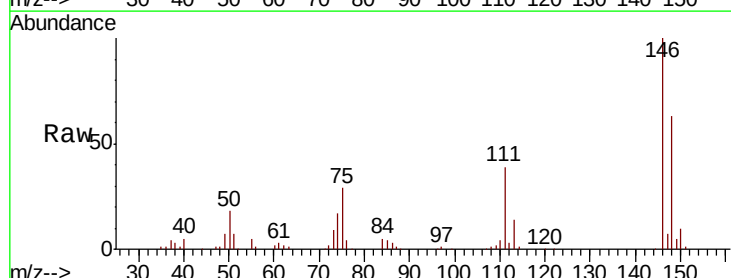
Manual Integrations
APPROVED

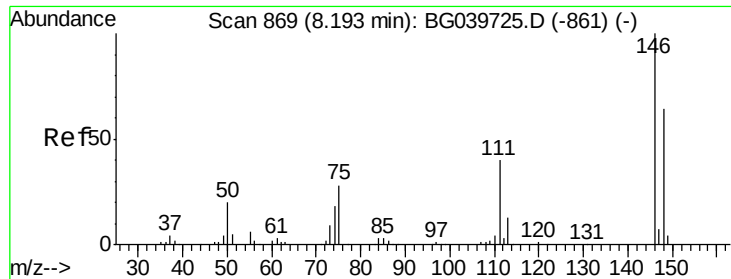
Sohil
3/27/2019 5:30:57 PM



#12
1,3-Dichlorobenzene
Concen: 40.754 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.6	79.0
75	29.0	25.8	38.6





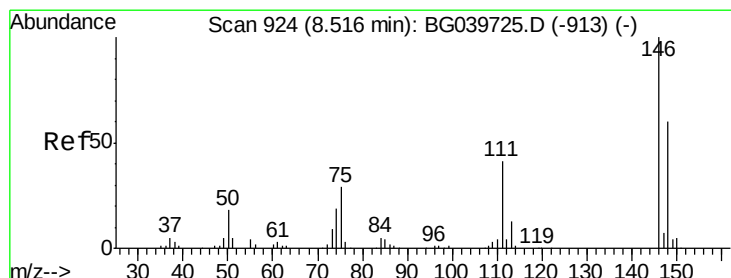
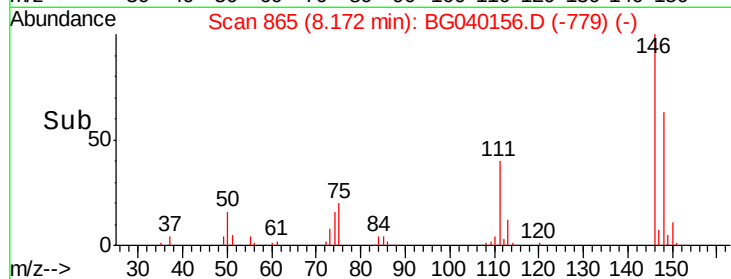
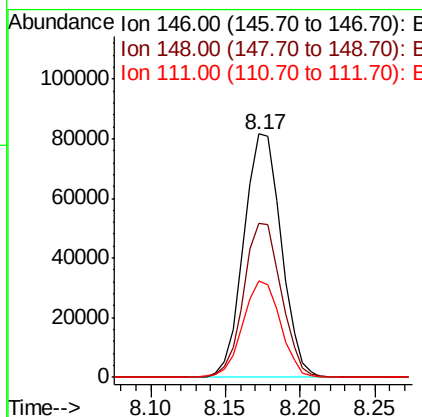
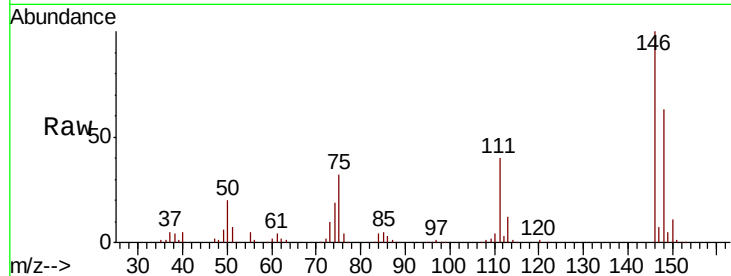
#13
 1,4-Dichlorobenzene
 Concen: 40.822 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampled :
 PB118294BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	39.8	32.6	48.8

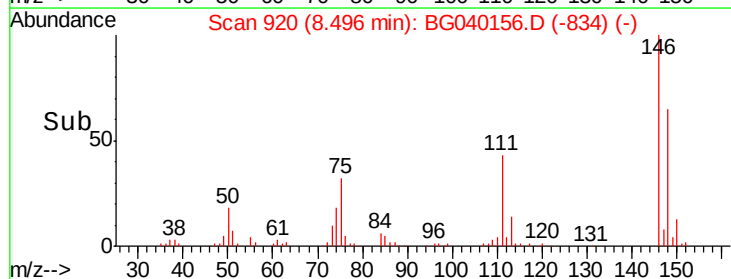
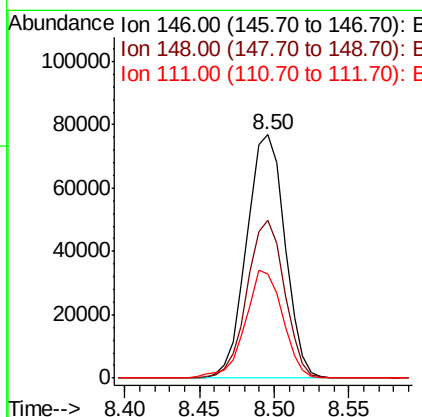
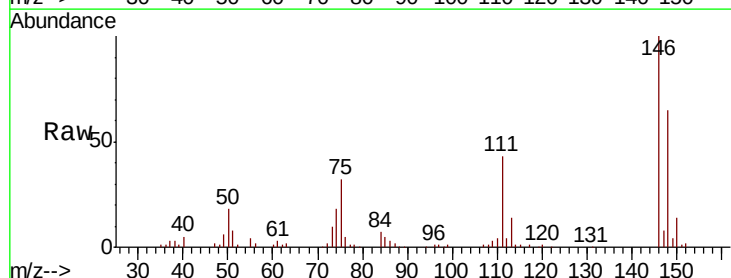
Manual Integrations
 APPROVED

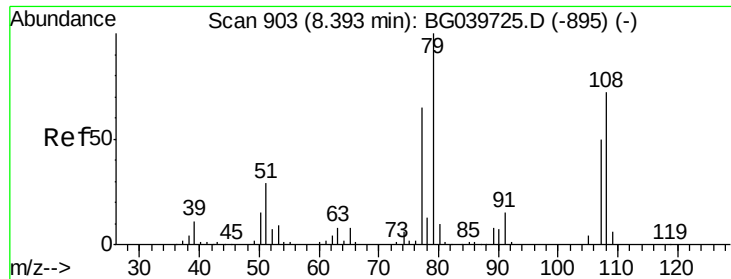
Sohil
 3/27/2019 5:30:57 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.494 ng
 RT: 8.50 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.5	77.3
111	42.7	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.633 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

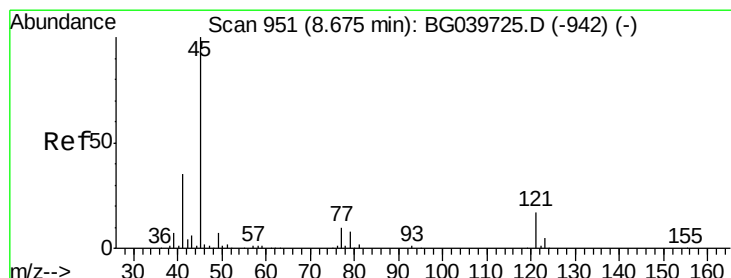
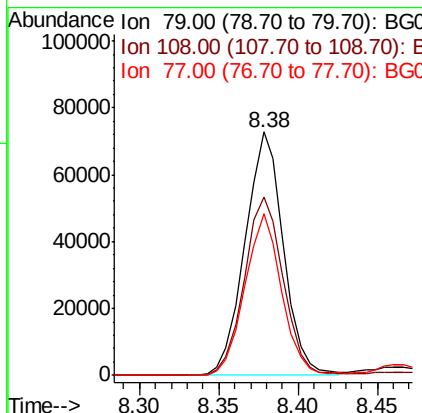
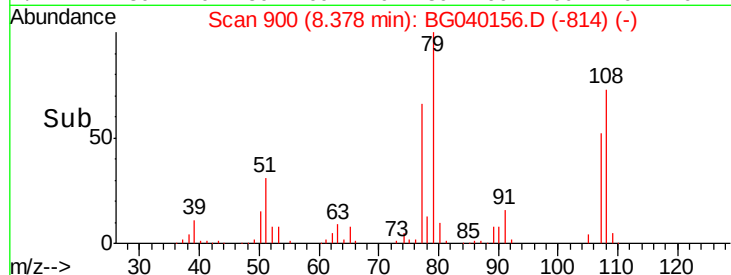
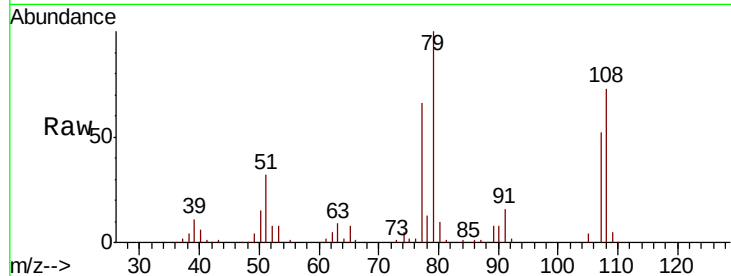
ClientSampled :

PB118294BSD

Tot Ion:	79	Resp:	122223
Ion	Ratio	Lower	Upper
79	100		
108	73.2	57.8	86.6
77	66.4	51.1	76.7

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.130 ng

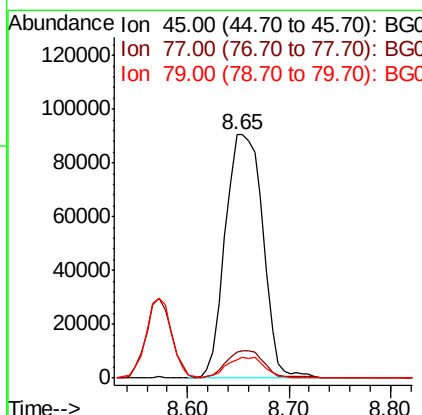
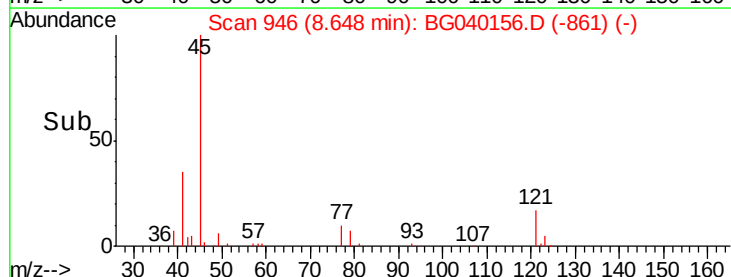
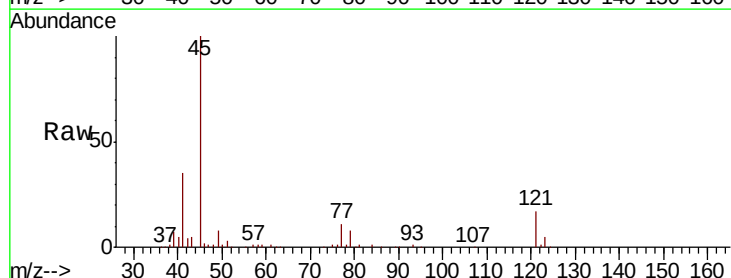
RT: 8.65 min Scan# 946

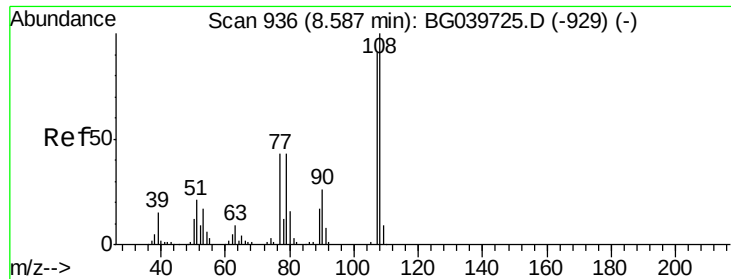
Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Tgt Ion:	45	Resp:	232132
Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	30.0
79	7.6	0.0	27.5





#17

2-Methylphenol

Concen: 42.936 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

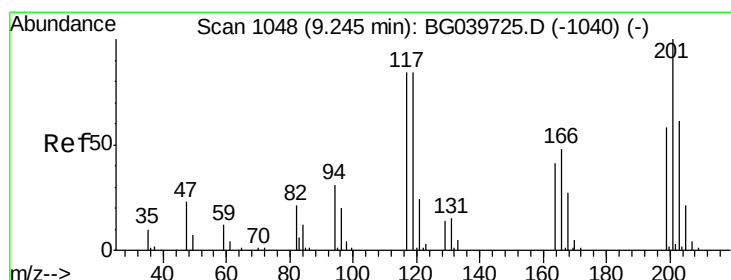
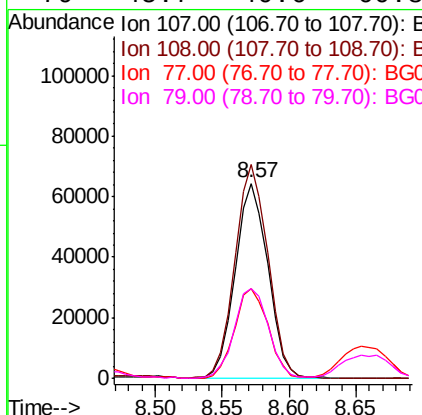
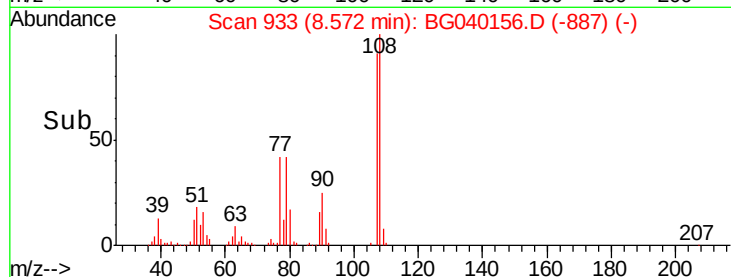
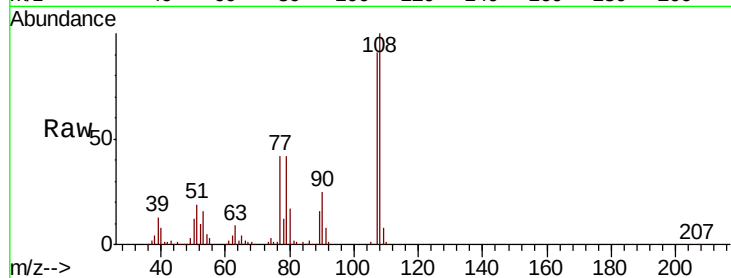
ClientSampleId :

PB118294BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	90.8	136.2	
77	45.9	40.7	61.1	
79	45.7	40.6	60.8	

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



#18

Hexachloroethane

Concen: 40.267 ng

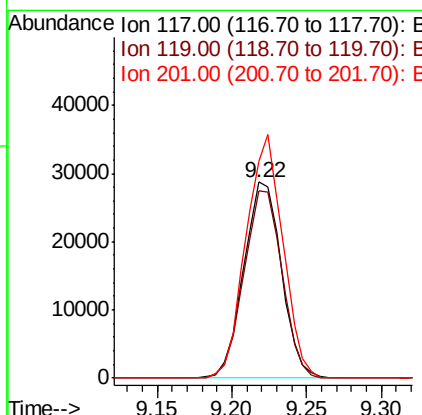
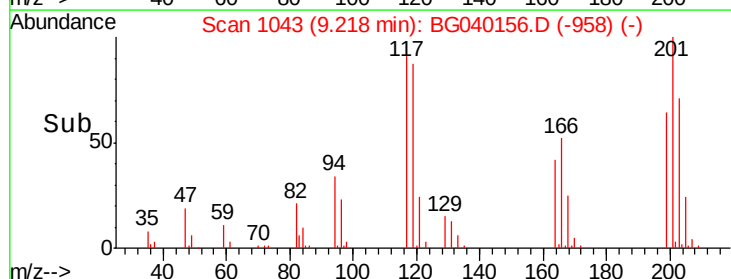
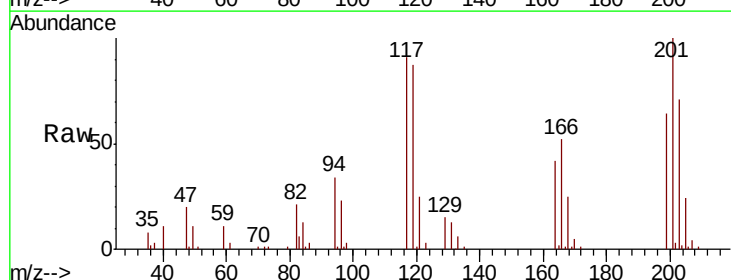
RT: 9.22 min Scan# 1043

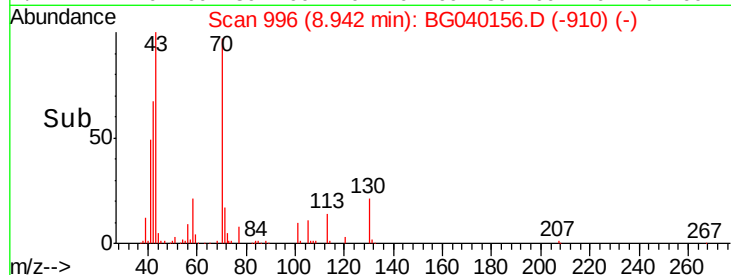
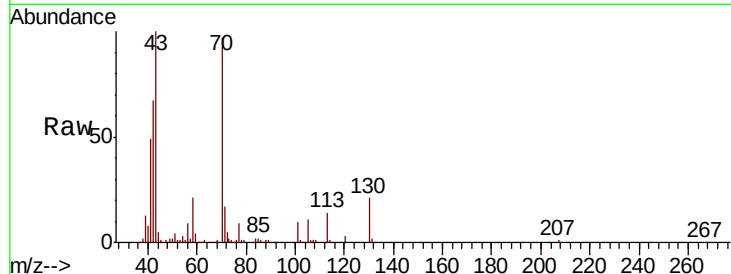
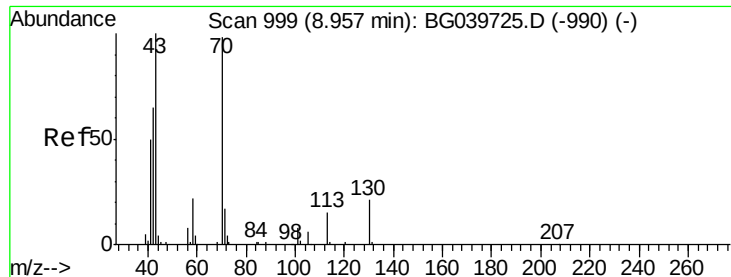
Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	76.3	114.5	
201	110.5	91.1	136.7	





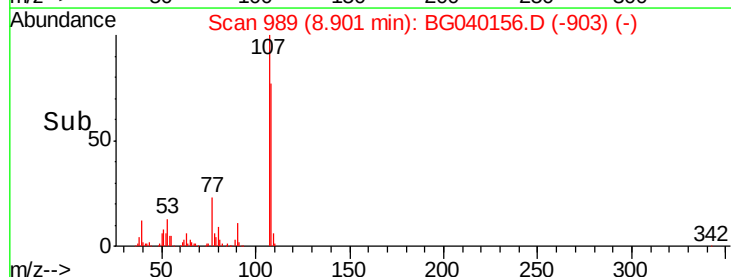
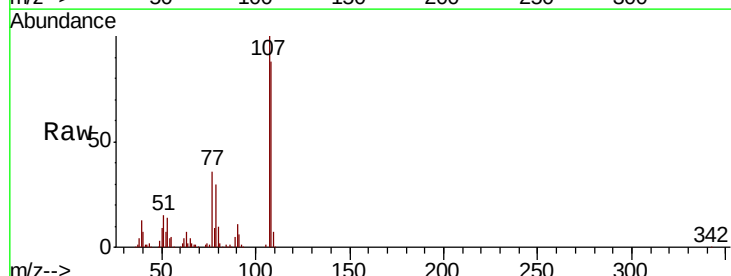
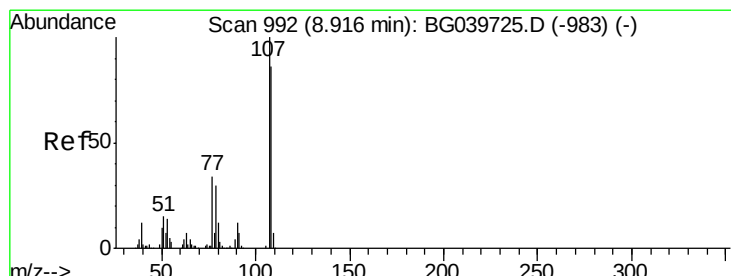
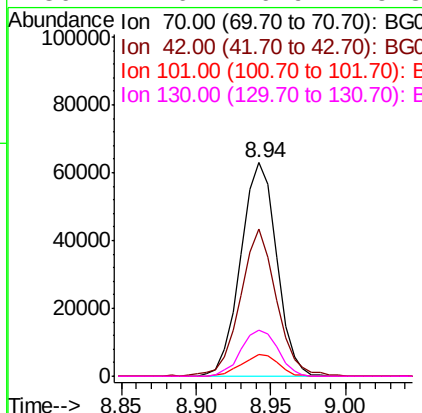
#19
n-Nitroso-di-n-propylamine
Concen: 39.504 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.9	60.4	90.6
101	10.4	7.5	11.3
130	21.6	16.9	25.3

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

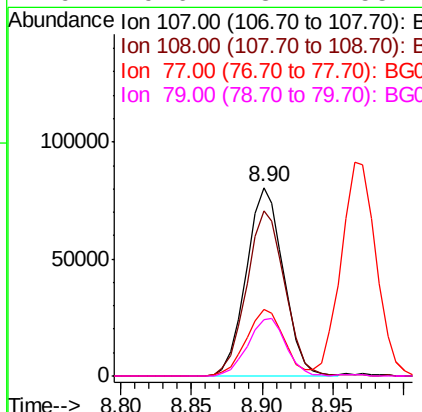
Manual Integrations
APPROVED

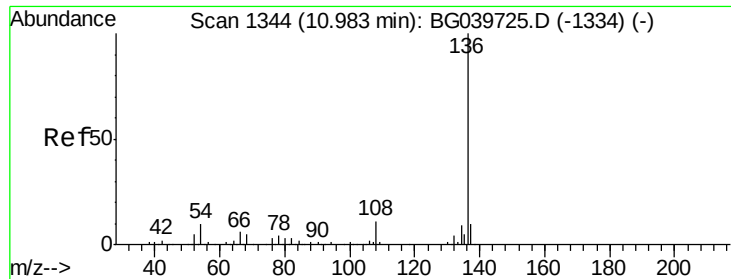
Sohil
3/27/2019 5:30:57 PM



#20
3+4-Methylphenols
Concen: 41.789 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.9	107.9
77	35.6	15.4	55.4
79	29.6	13.7	53.7





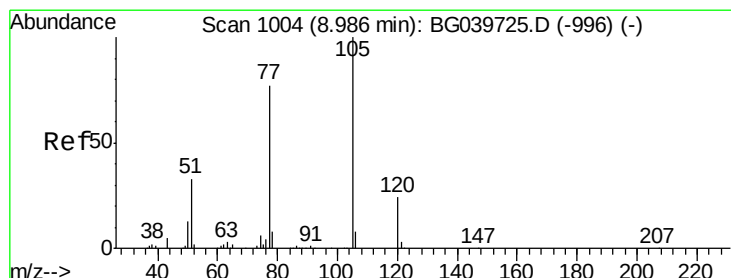
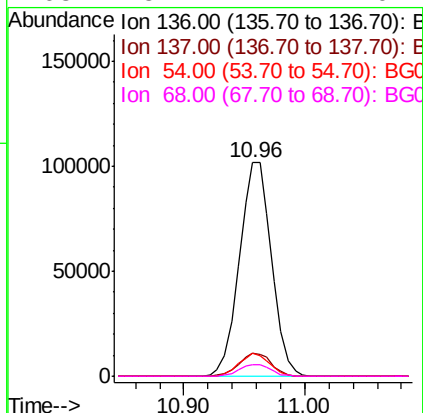
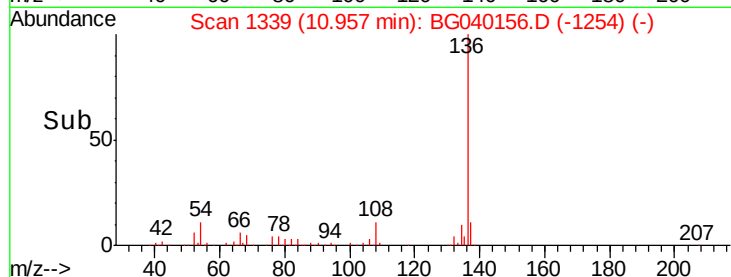
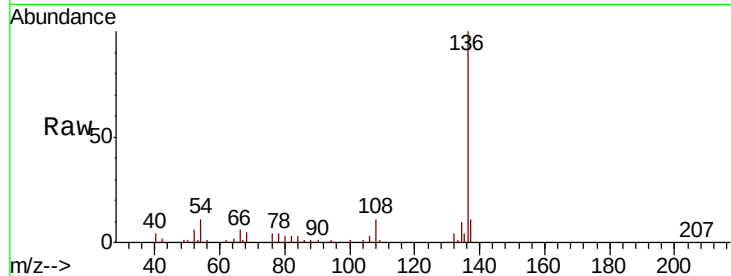
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	187946		
137	10.8		9.1	13.7
54	10.5		9.4	14.2
68	5.4		4.2	6.4

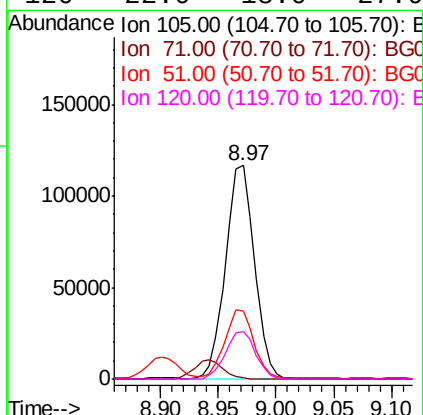
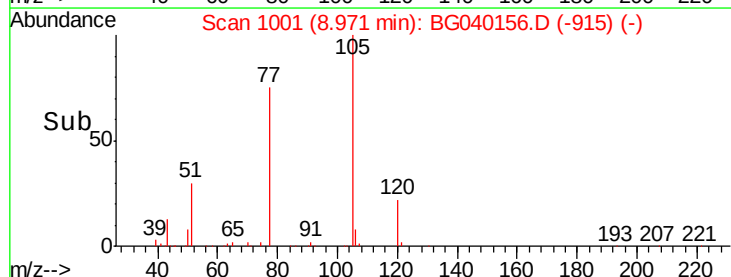
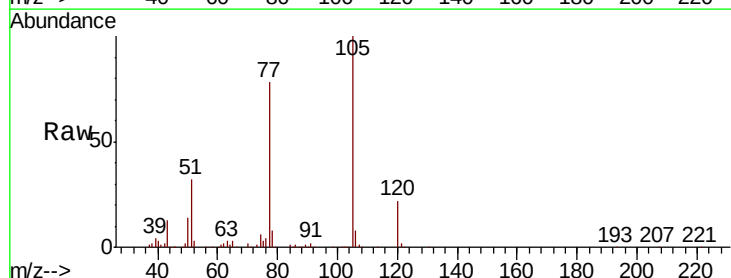
Manual Integrations
APPROVED

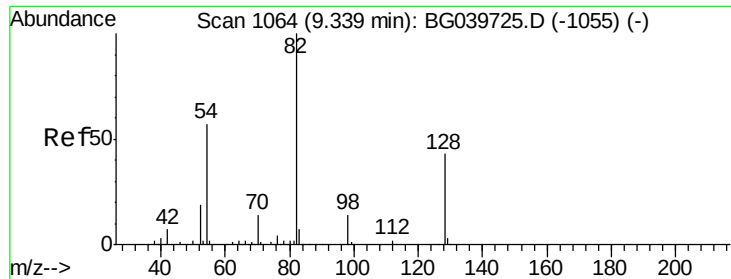
Sohil
3/27/2019 5:30:57 PM



#22
Acetophenone
Concen: 40.328 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	203431		
71	0.4		0.8	1.2#
51	32.0		30.2	45.2
120	22.0		18.0	27.0





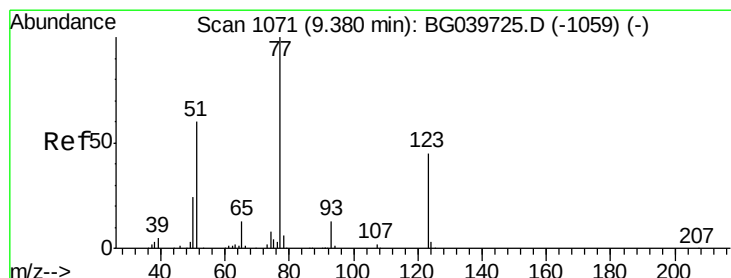
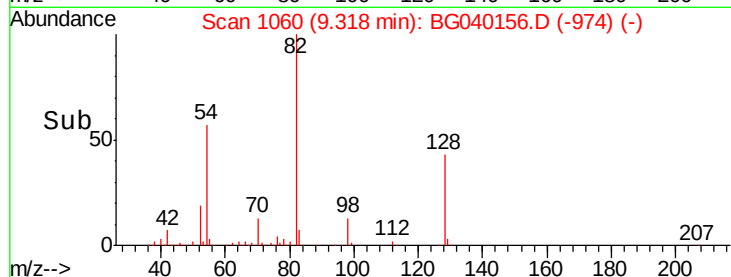
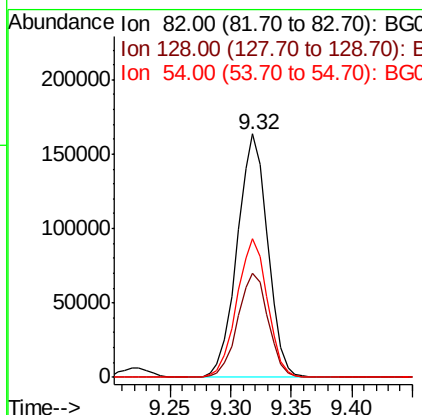
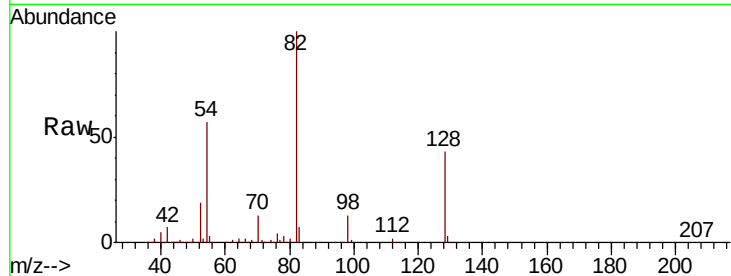
#23
Nitrobenzene-d5
Concen: 82.960 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	288292		
128	42.7	31.3	46.9	
54	57.1	50.9	76.3	

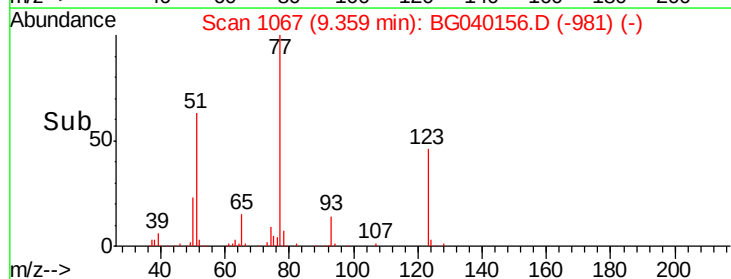
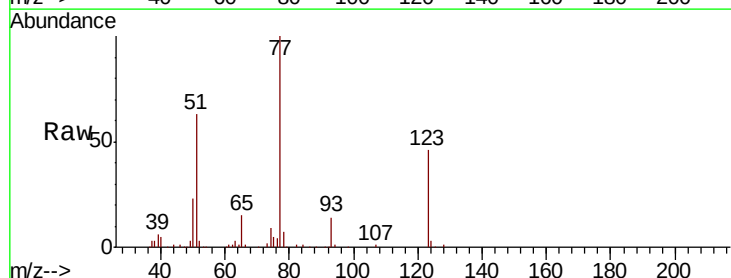
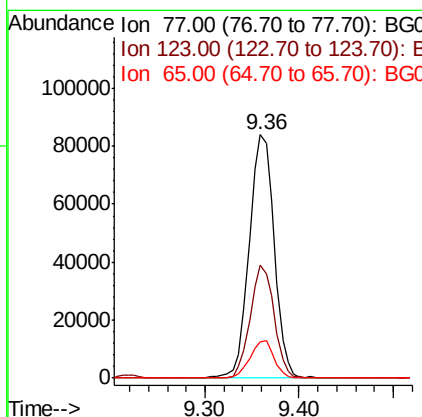
Manual Integrations
APPROVED

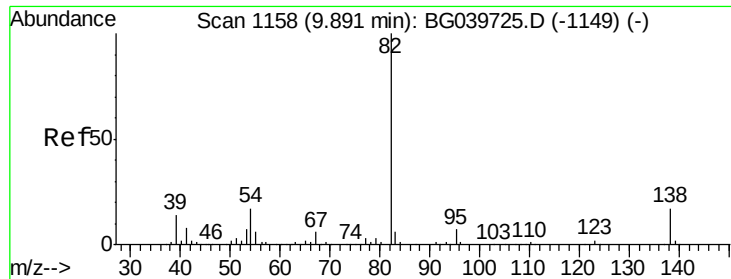
Sohil
3/27/2019 5:30:57 PM



#24
Nitrobenzene
Concen: 42.296 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	154194		
123	46.4	34.1	51.1	
65	14.9	12.3	18.5	





#25

Isophorone

Concen: 41.529 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

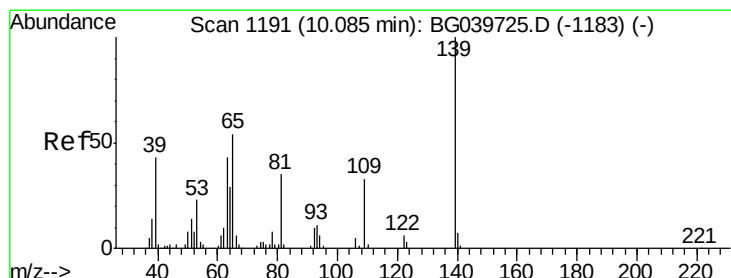
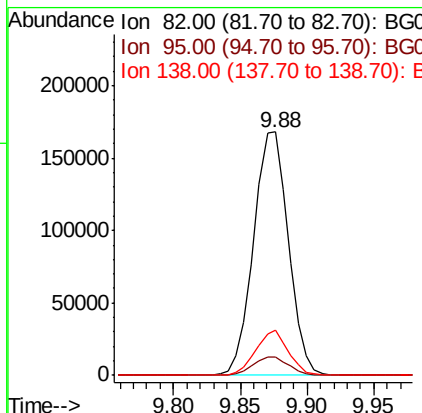
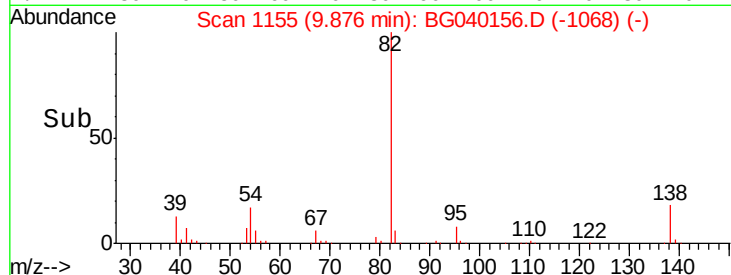
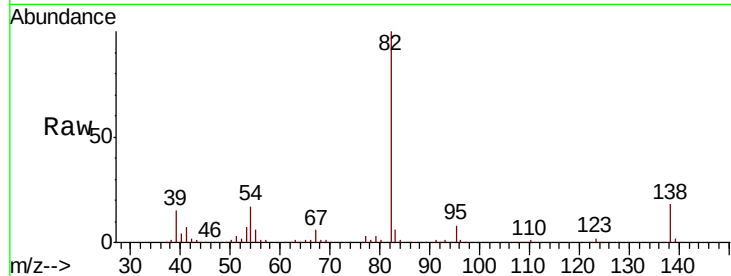
ClientSampleId :

PB118294BSD

Tot Ion:	82	Resp:	302391
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.2	9.2
138	18.3	13.0	19.4

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



#26

2-Nitrophenol

Concen: 45.755 ng

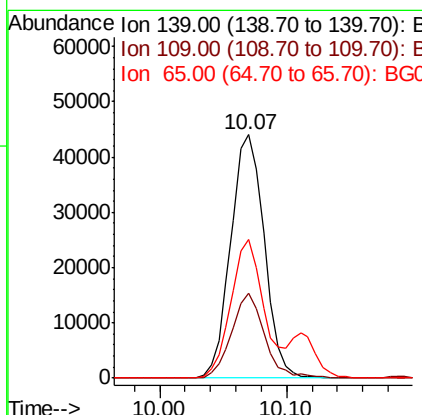
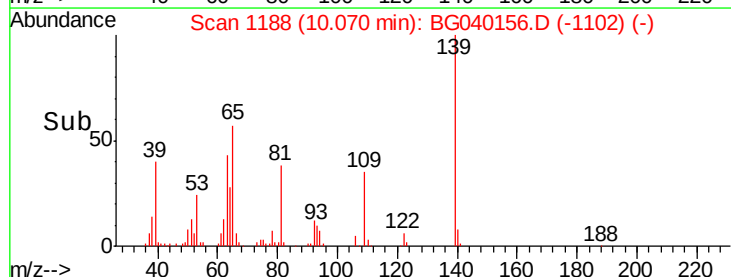
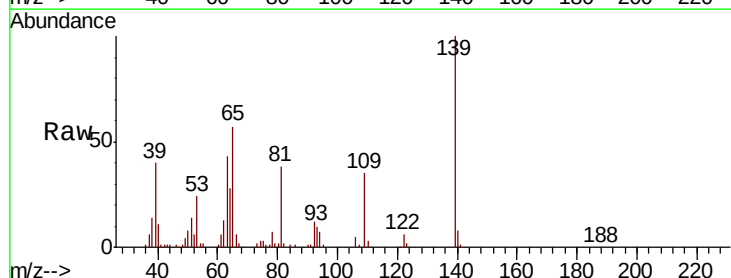
RT: 10.07 min Scan# 1188

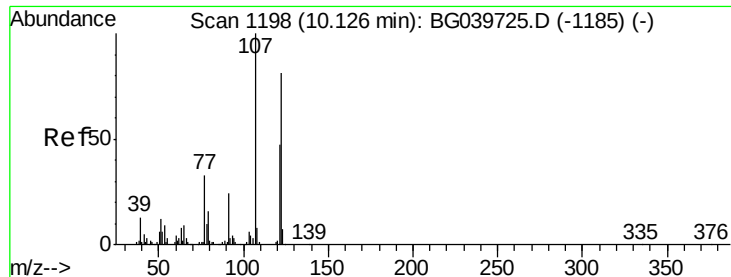
Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Tgt Ion:	139	Resp:	80536
Ion Ratio	Lower	Upper	
139	100		
109	34.7	23.4	35.0
65	56.8	44.3	66.5





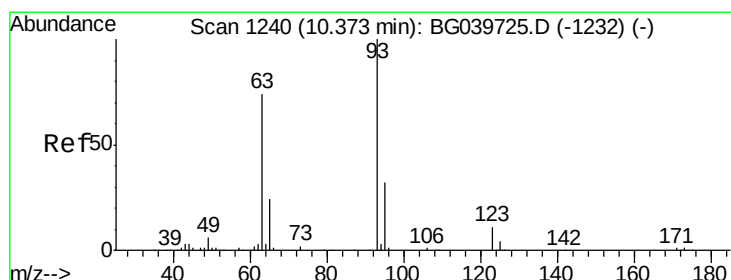
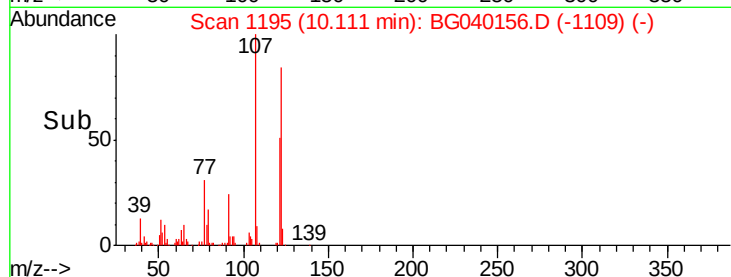
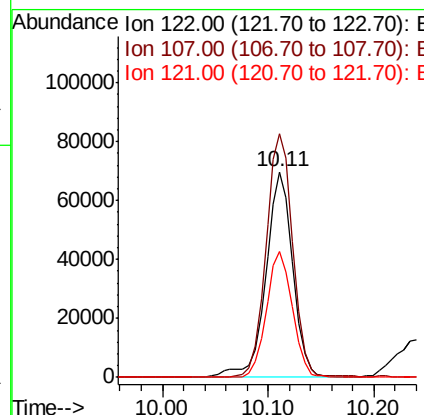
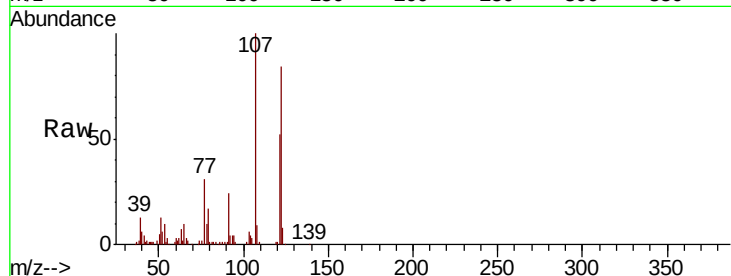
#27
2,4-Dimethylphenol
Concen: 44.974 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	118.5	91.7	137.5	
121	61.1	46.4	69.6	

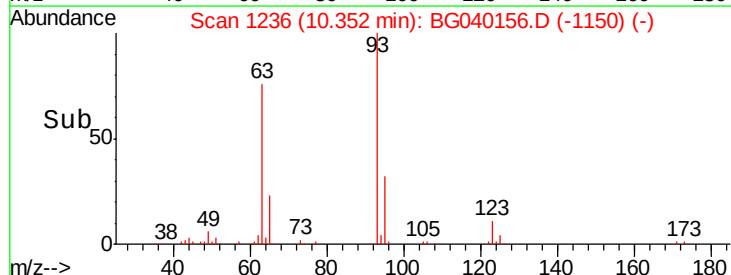
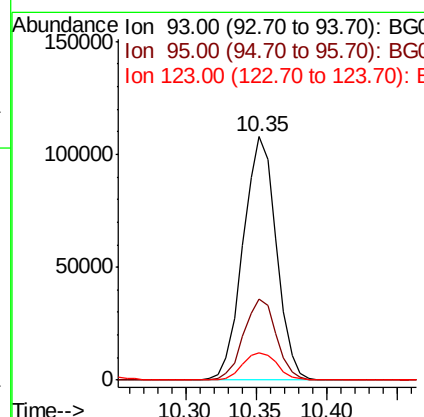
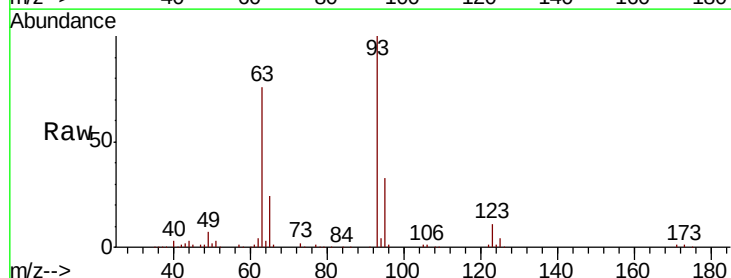
Manual Integrations
APPROVED

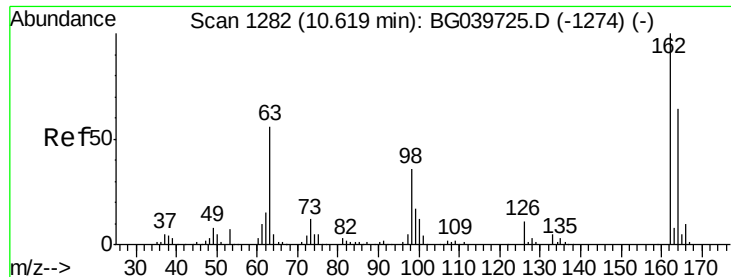
Sohil
3/27/2019 5:30:57 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.230 ng
RT: 10.35 min Scan# 1236
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.3	25.0	37.4	
123	11.4	8.6	12.8	





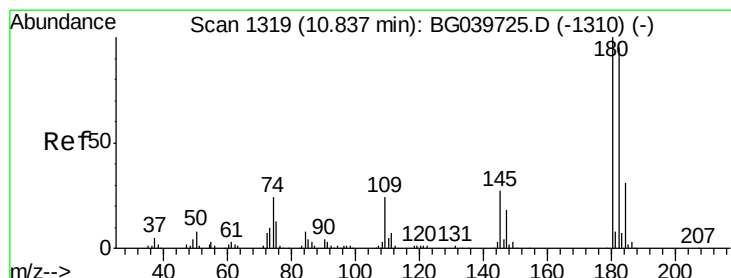
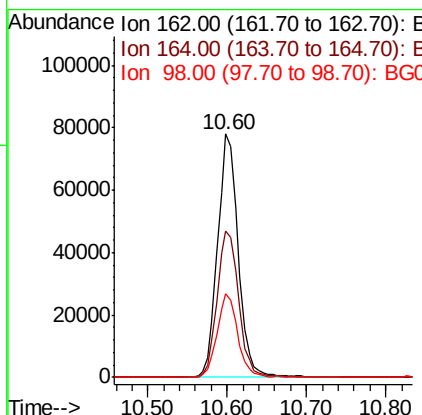
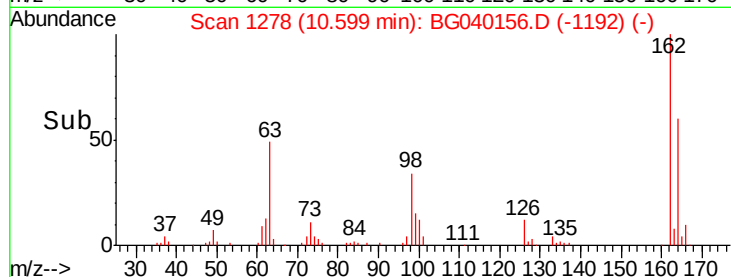
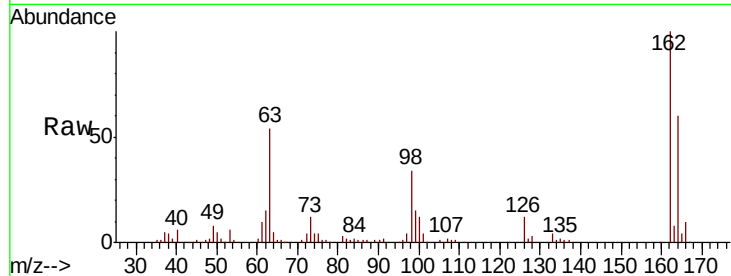
#29
 2,4-Dichlorophenol
 Concen: 45.602 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	60.2	48.1	88.1
98	34.1	18.1	58.1

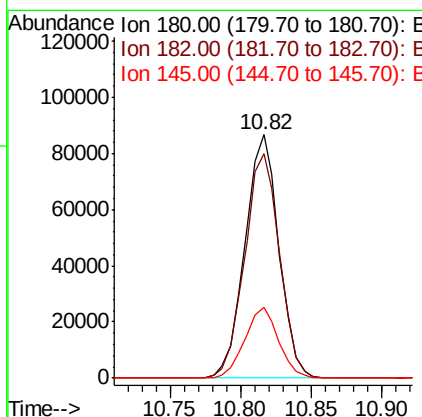
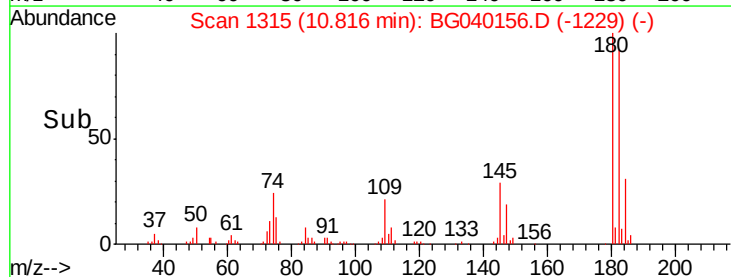
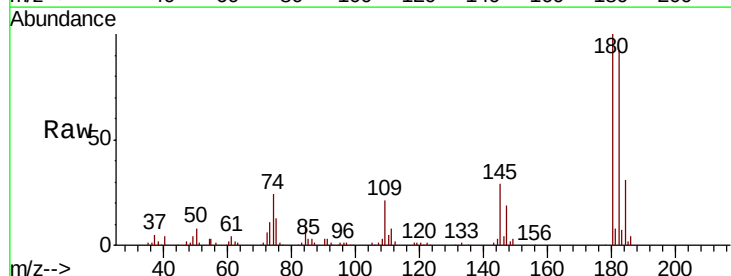
Manual Integrations
 APPROVED

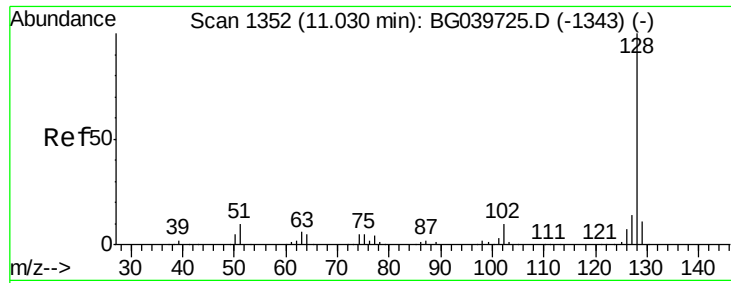
Sohil
 3/27/2019 5:30:57 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.047 ng
 RT: 10.82 min Scan# 1315
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.0	76.0	114.0
145	28.8	22.7	34.1





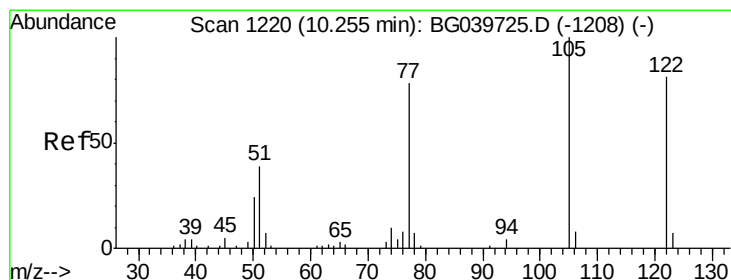
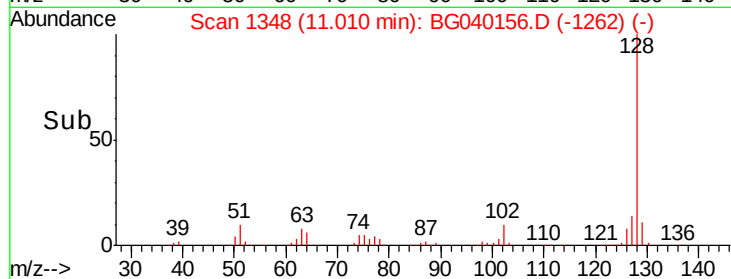
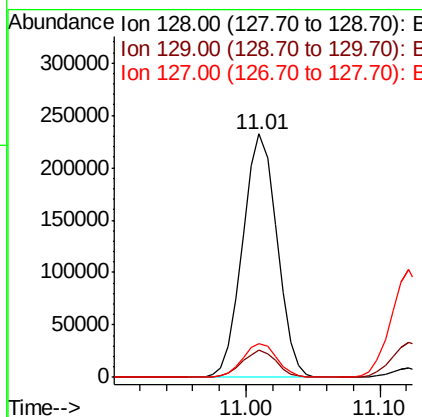
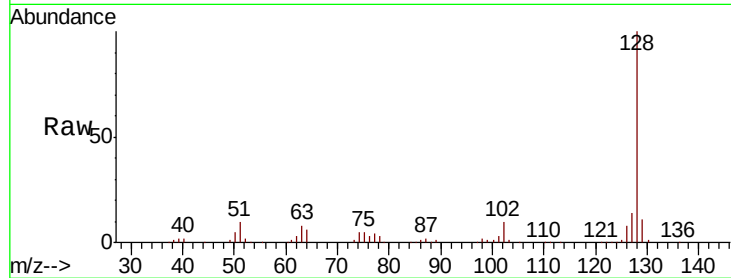
#31
Naphthalene
Concen: 41.531 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

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

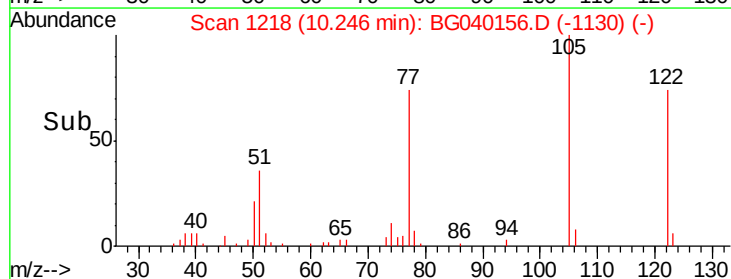
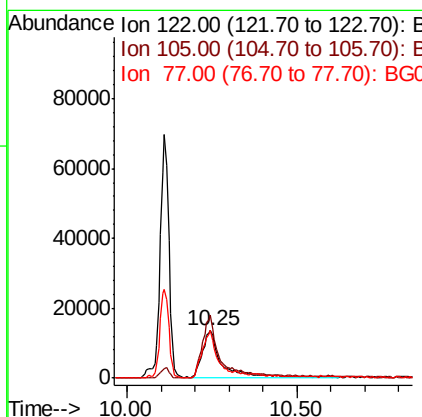
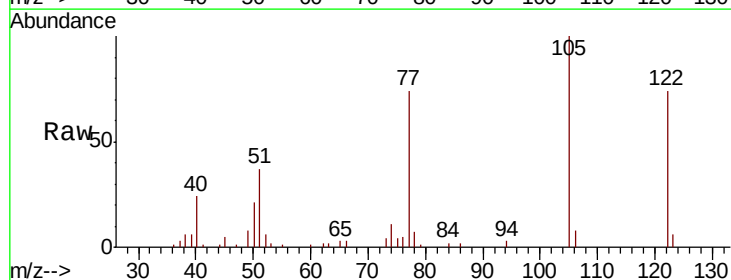
Manual Integrations
APPROVED

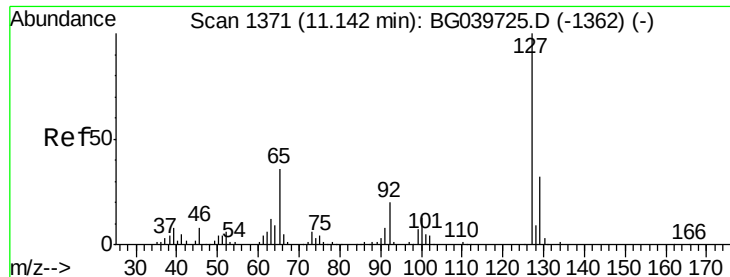
Sohil
3/27/2019 5:30:57 PM



#32
Benzoic acid
Concen: 32.290 ng m
RT: 10.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.0	101.8	141.8
77	100.4	76.3	116.3





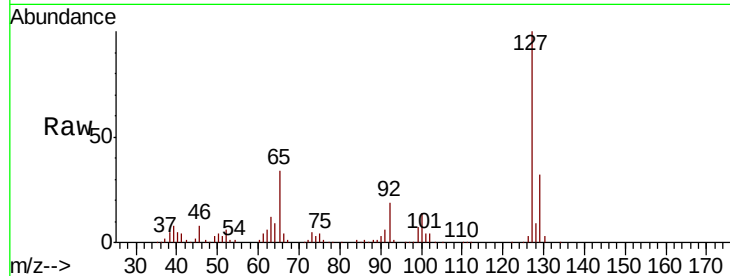
#33
4-Chloroaniline
Concen: 44.388 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1		27.0	40.4	
65	33.7		28.8	43.2	
92	19.4		16.6	25.0	

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



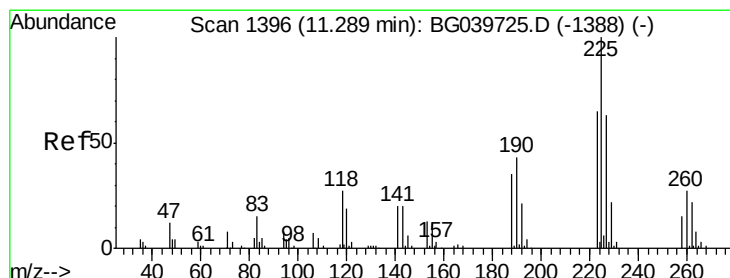
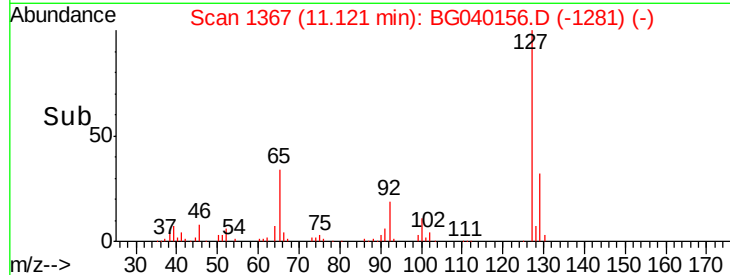
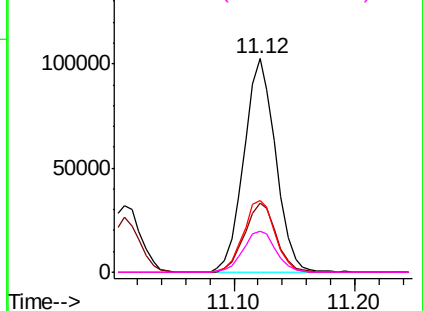
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.553 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

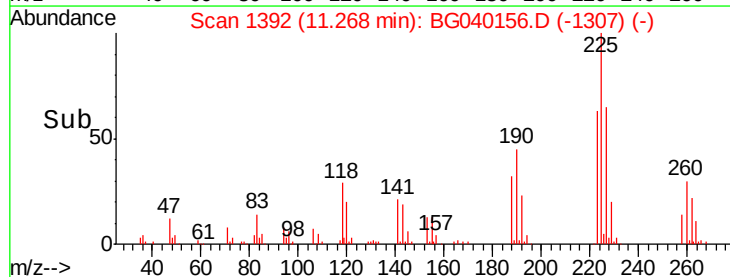
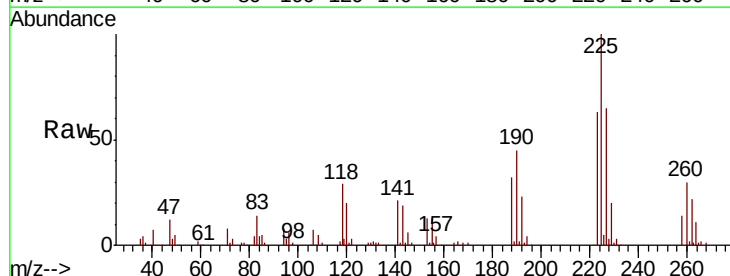
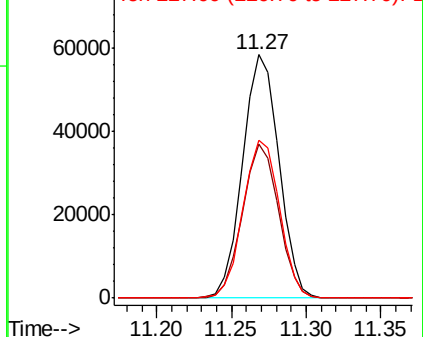
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2		49.0	73.6	
227	64.6		46.3	69.5	

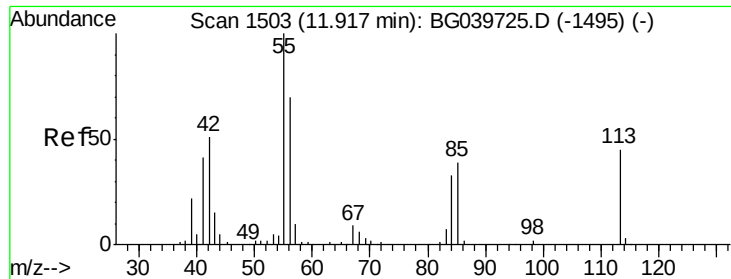
Abundance

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: 39.472 ng

RT: 11.91 min Scan# 1501

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

Tot Ion:113 Resp: 46473

Ion Ratio Lower Upper

113 100

55 234.8 216.9 256.9

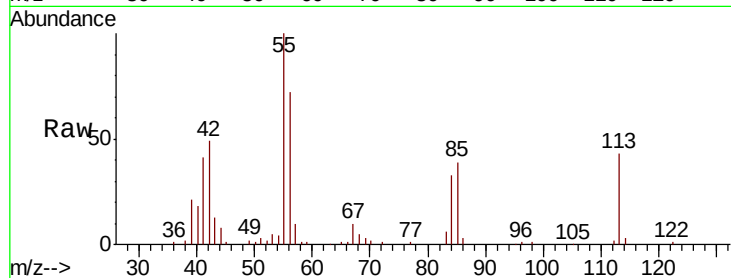
56 168.7 152.6 192.6

Manual Integrations

APPROVED

Sohil

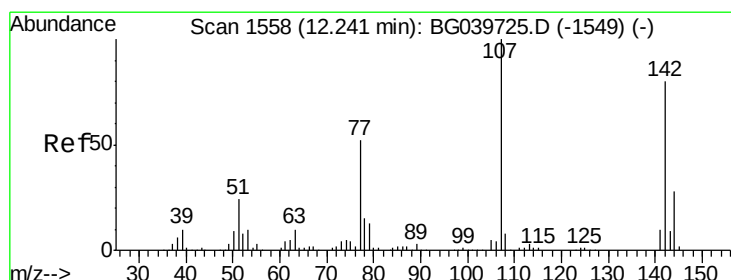
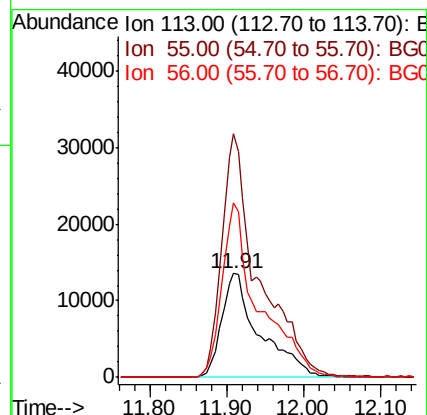
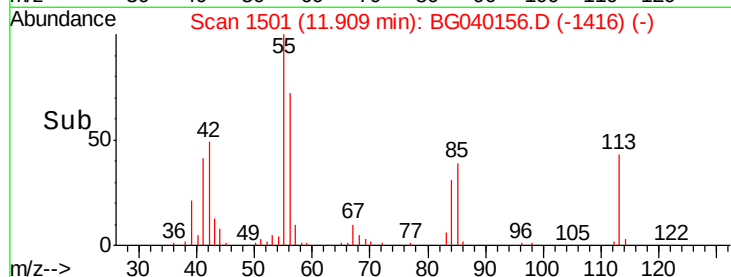
3/27/2019 5:30:57 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.634 ng

RT: 12.23 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

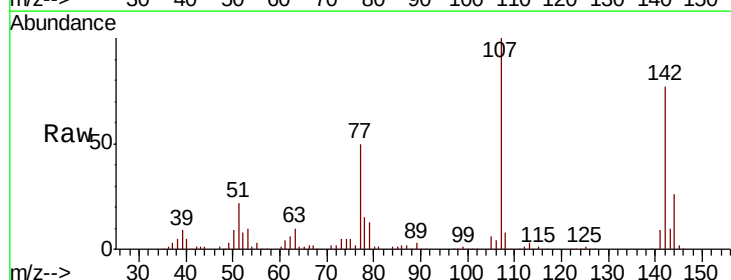
Tgt Ion:107 Resp: 150632

Ion Ratio Lower Upper

107 100

144 26.0 20.2 30.2

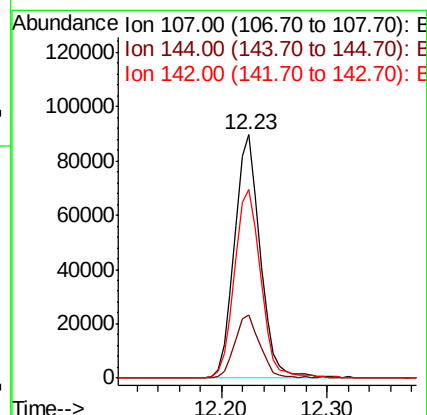
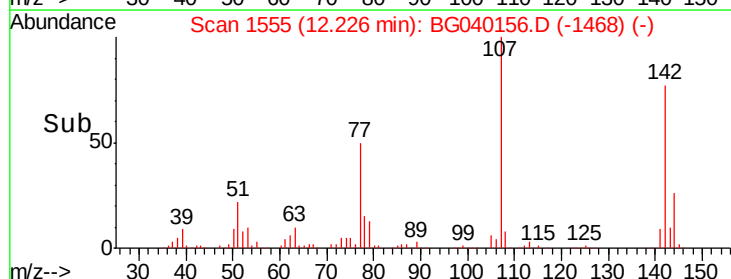
142 77.2 61.4 92.2

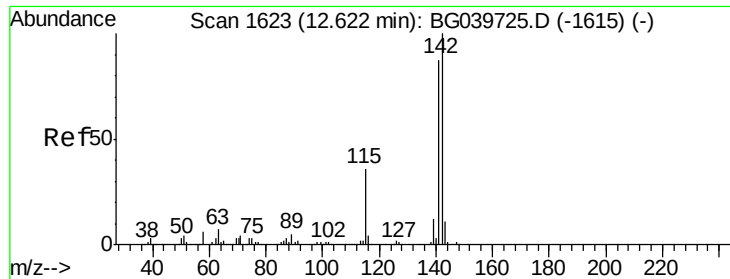


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





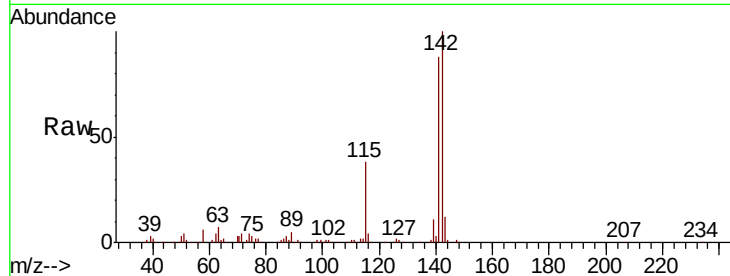
#37
2-Methylnaphthalene
Concen: 42.981 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampled :
PB118294BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.5	110.3
115	37.6	30.8	46.2

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM

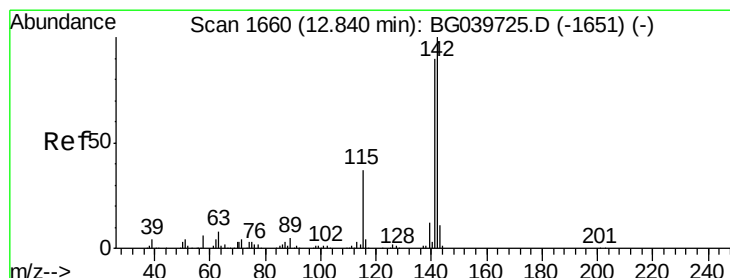
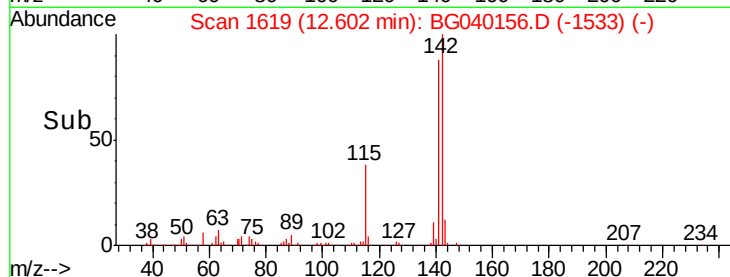
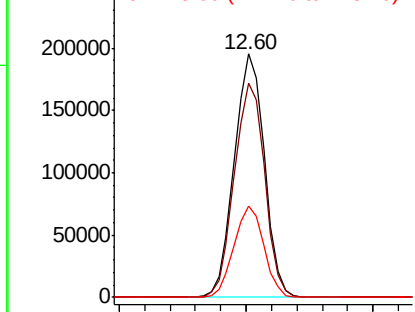


Abundance

Ion 142.00 (141.70 to 142.70): E

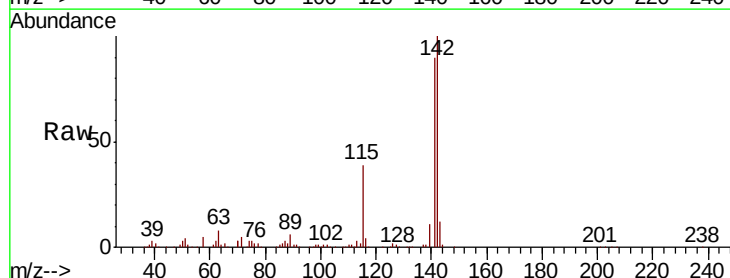
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.864 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.2	111.4
116	4.2	3.0	4.6

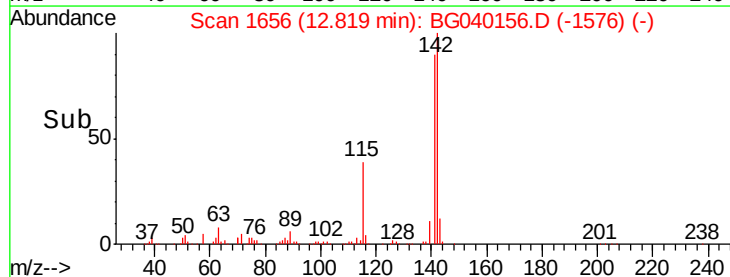
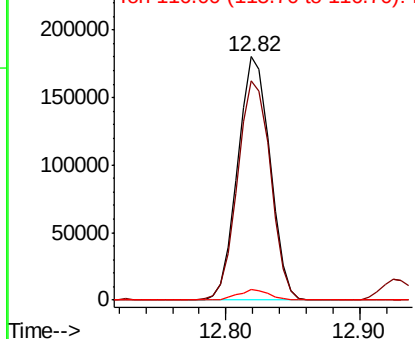


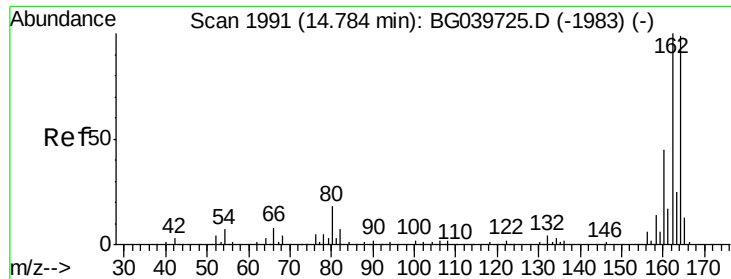
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

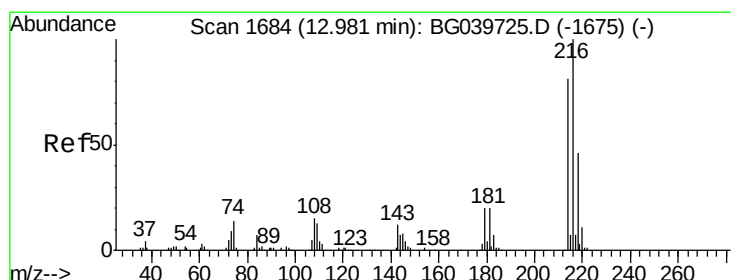
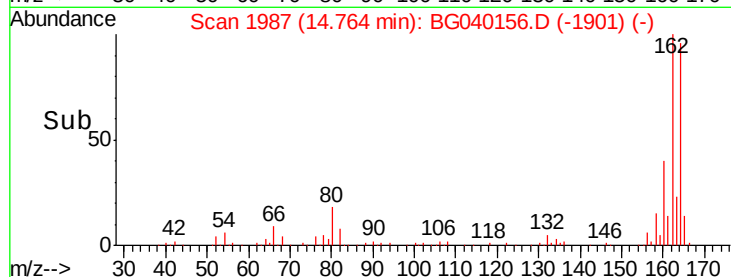
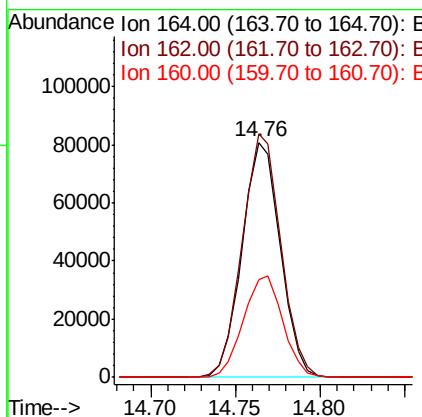
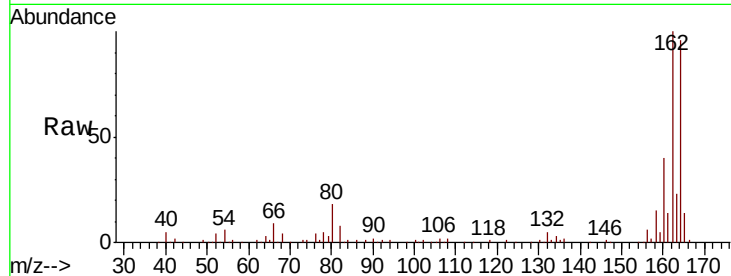
ClientSampled :

PB118294BSD

Tot Ion:	164	Resp:	127477
Ion Ratio	Lower	Upper	
164	100		
162	103.6	81.6	122.4
160	41.8	34.2	51.2

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.816 ng

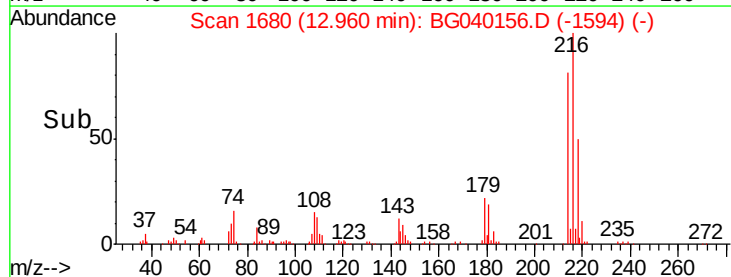
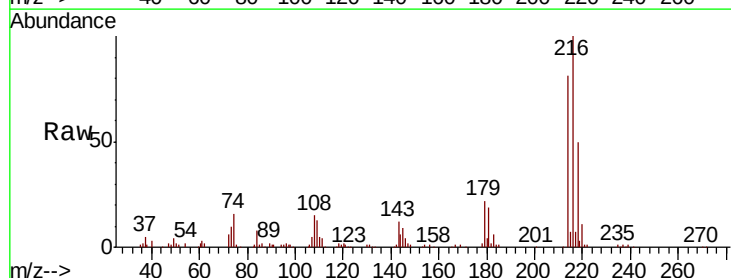
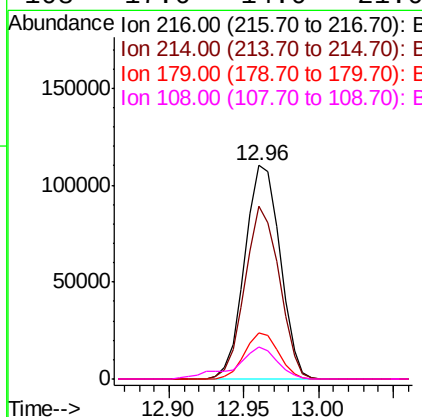
RT: 12.96 min Scan# 1680

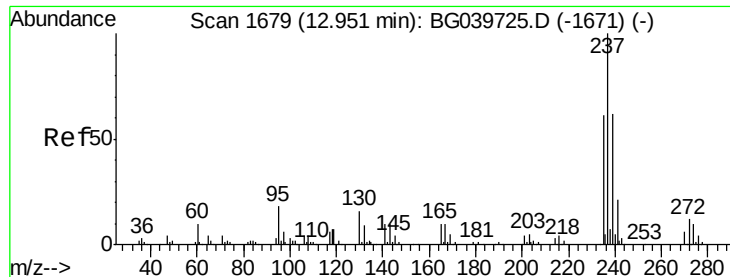
Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Tgt Ion:	216	Resp:	180588
Ion Ratio	Lower	Upper	
216	100		
214	78.5	62.6	94.0
179	20.8	16.6	25.0
108	17.6	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 98.749 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

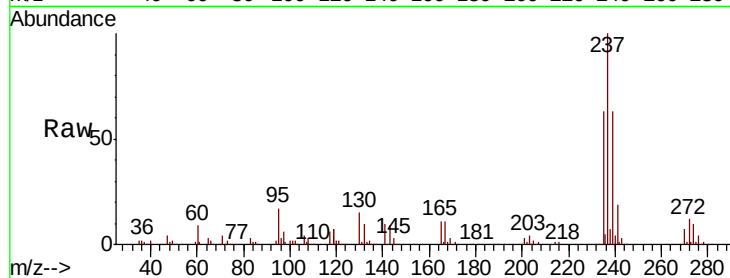
ClientSampleId :

PB118294BSD

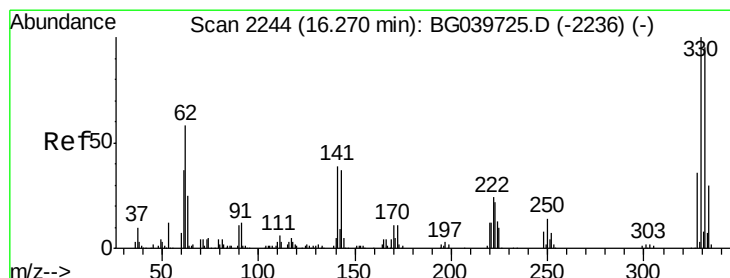
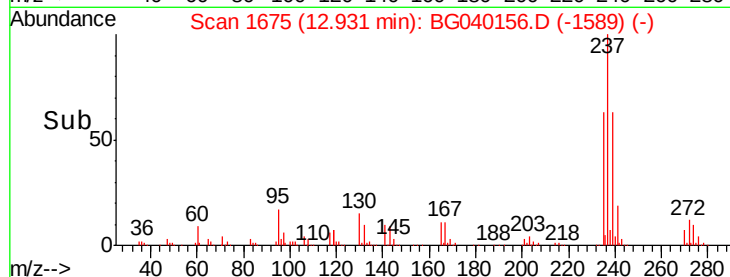
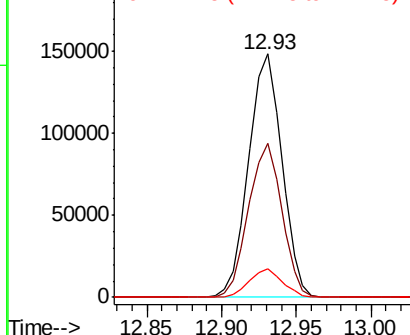
Tot Ion:	237	Resp:	228540
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.3	83.3
272	11.6	0.0	32.3

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 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: 86.812 ng

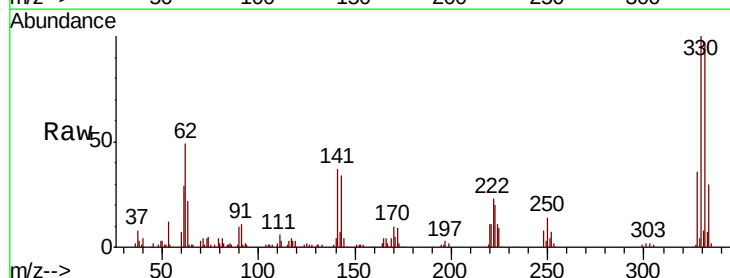
RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

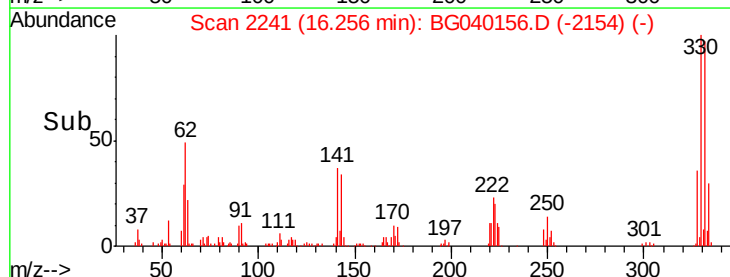
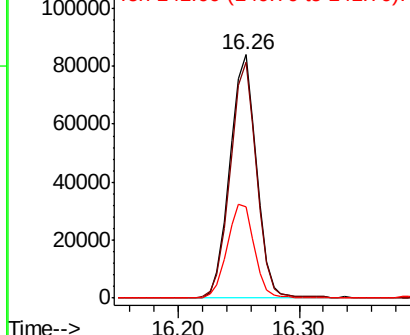
Lab File: BG040156.D

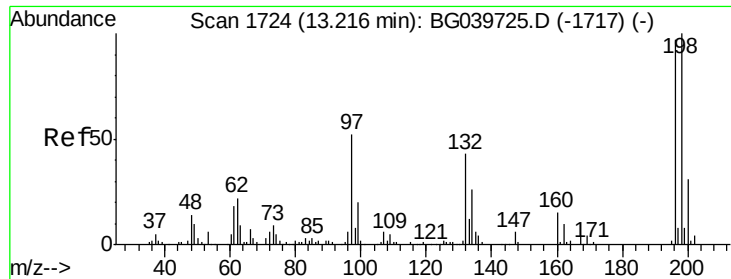
Acq: 26 Mar 2019 20:58

Tgt Ion:	330	Resp:	128988
Ion Ratio	Lower	Upper	
330	100		
332	96.2	75.7	113.5
141	39.2	35.6	53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





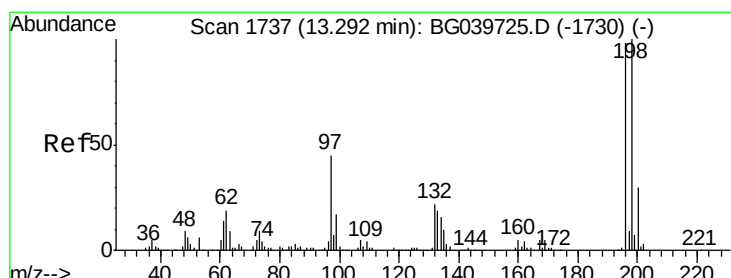
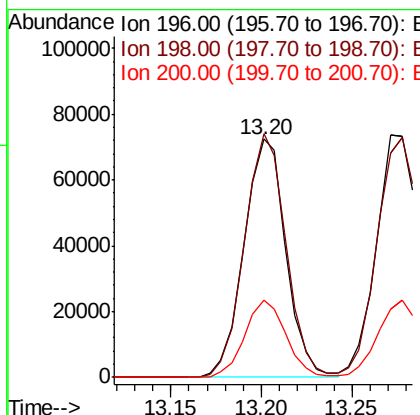
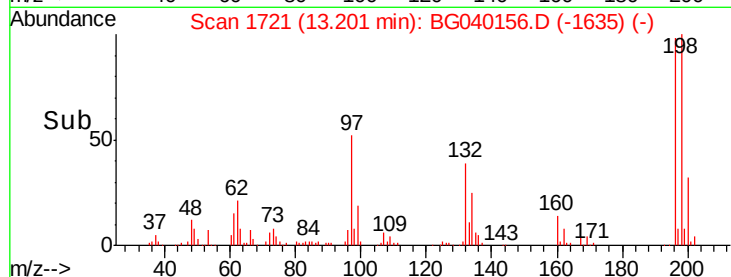
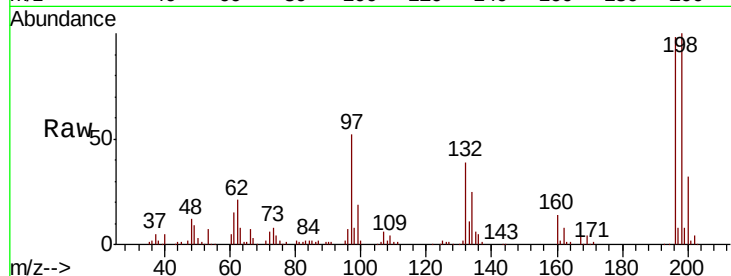
#43
 2,4,6-Trichlorophenol
 Concen: 46.333 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampled :
 PB118294BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	117146		
198	102.3	80.6	121.0	
200	32.5	26.1	39.1	

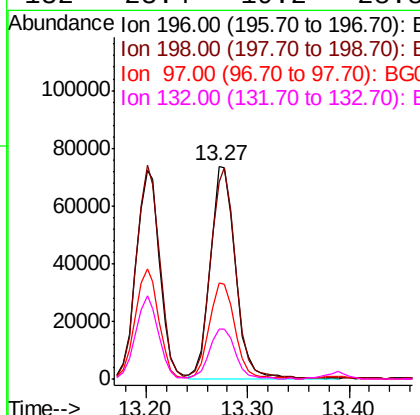
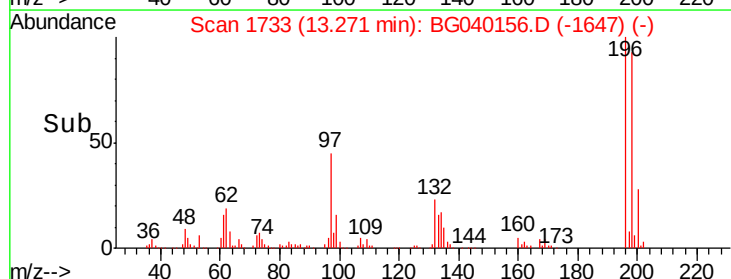
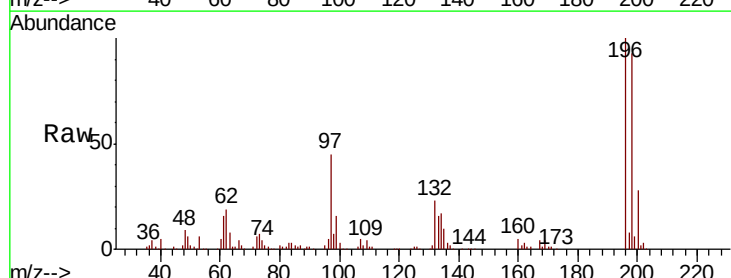
Manual Integrations
 APPROVED

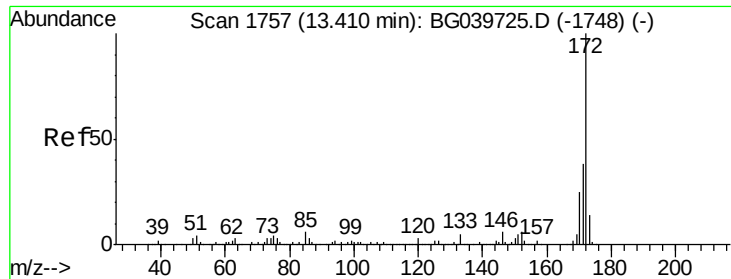
Sohil
 3/27/2019 5:30:57 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.294 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	126233		
198	92.6	78.5	117.7	
97	45.3	38.4	57.6	
132	23.4	19.2	28.8	





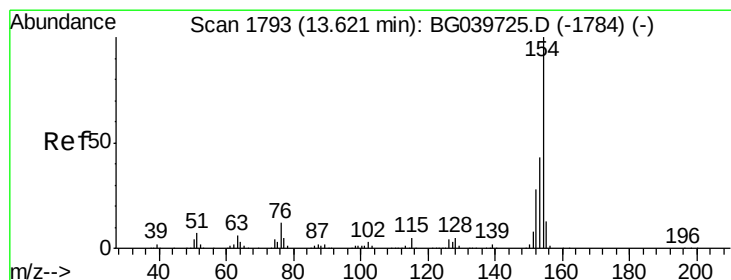
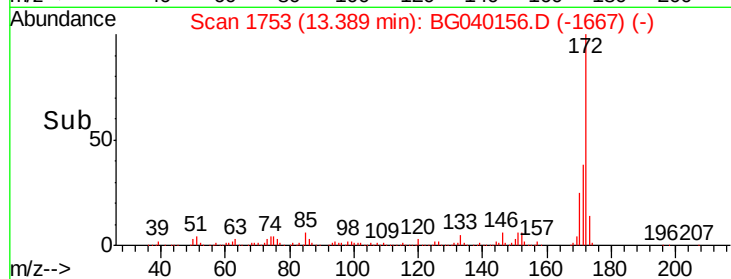
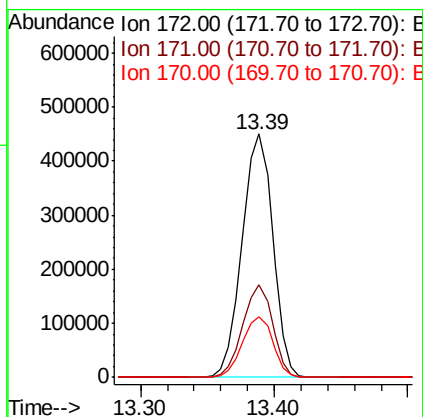
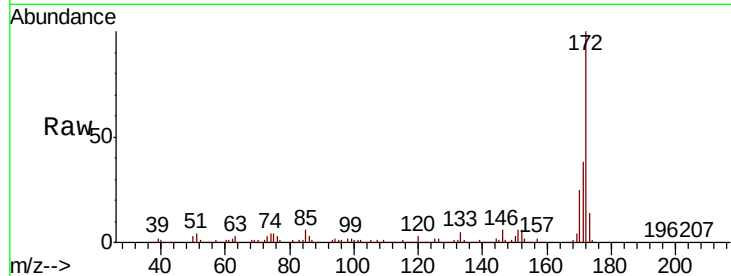
#45
 2-Fluorobiphenyl
 Concen: 79.977 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.8	46.2
170	24.7	20.2	30.4

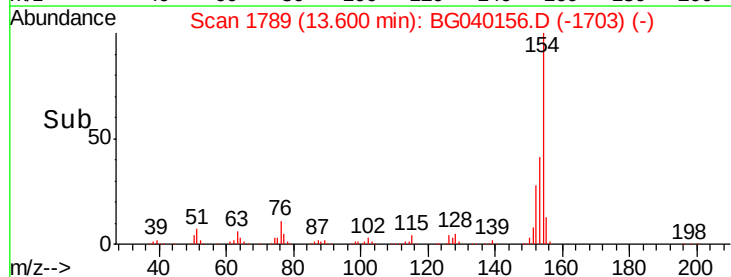
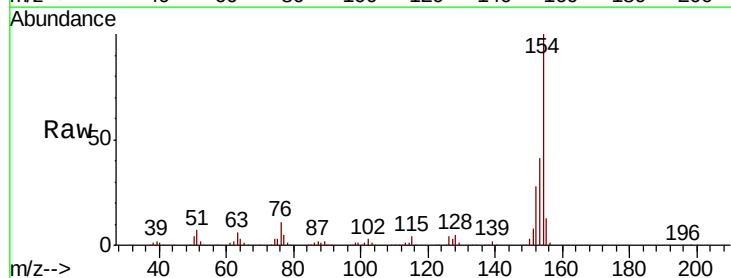
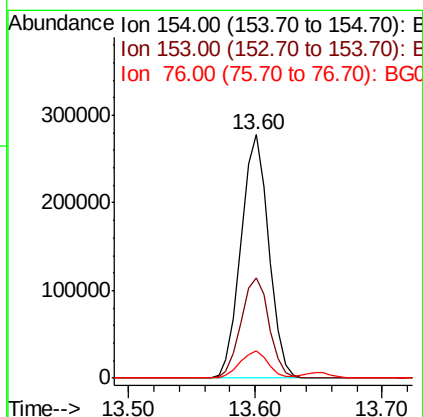
Manual Integrations
 APPROVED

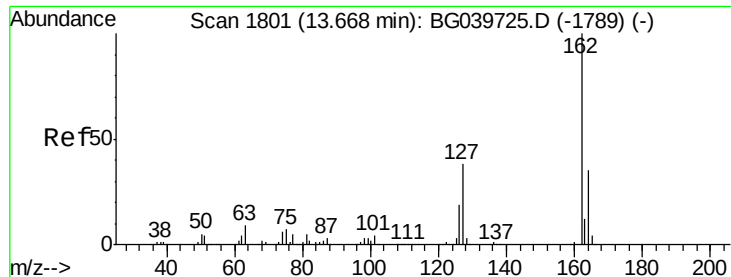
Sohil
 3/27/2019 5:30:57 PM



#46
 1,1'-Biphenyl
 Concen: 40.150 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.1	62.1
76	11.2	0.0	32.4





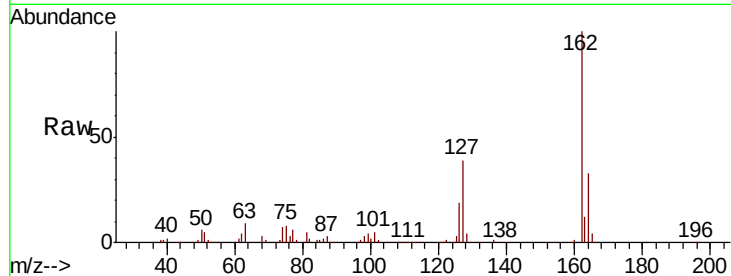
#47
2-Chloronaphthalene
Concen: 41.406 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.6	31.0	46.6	
164	32.5	25.7	38.5	

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



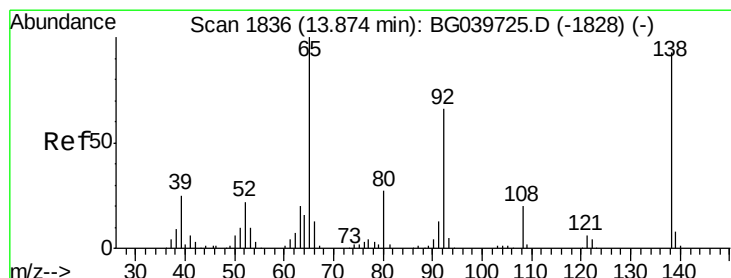
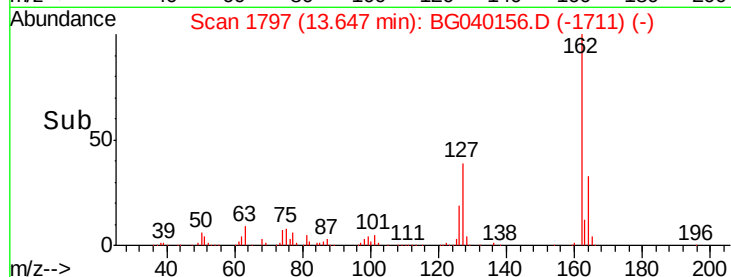
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

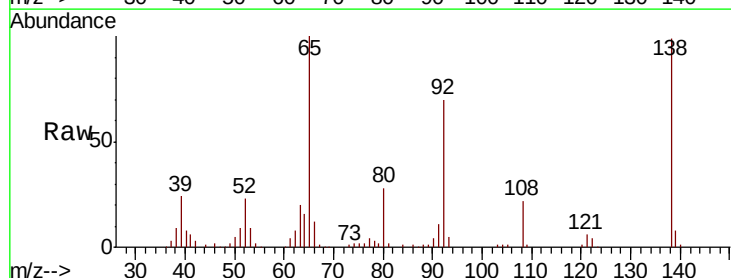
Ion 164.00 (163.70 to 164.70): E

Time-->



#48
2-Nitroaniline
Concen: 43.802 ng
RT: 13.86 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.5	51.4	77.2	
138	98.9	71.4	107.2	



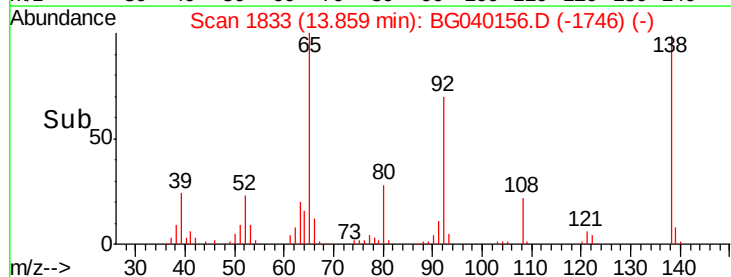
Abundance

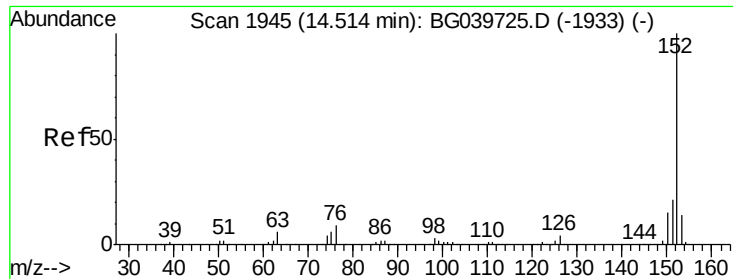
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E

Time-->





#49

Acenaphthylene

Concen: 39.902 ng

RT: 14.49 min Scan# 1941

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

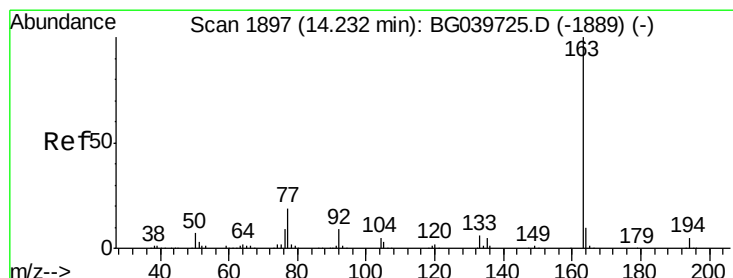
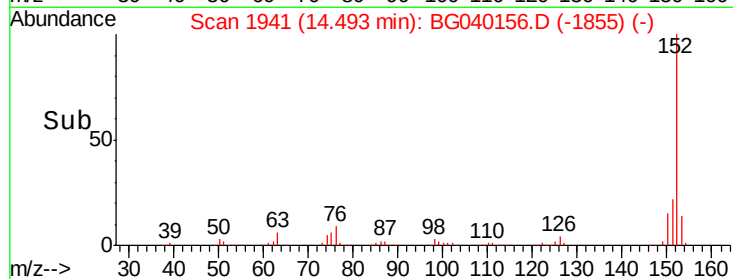
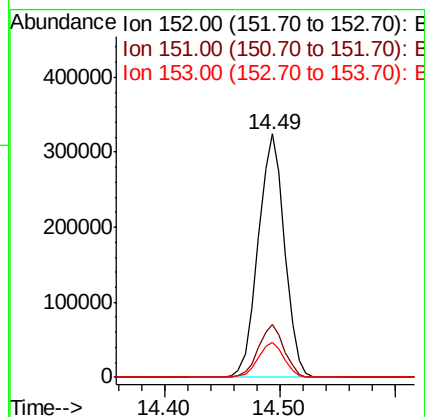
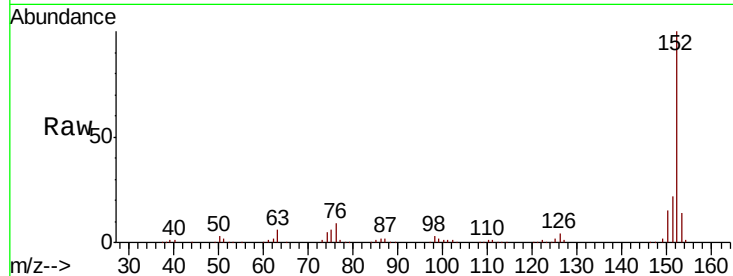
ClientSampleId :

PB118294BSD

Tot Ion:	152	Resp:	516672
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.8	25.2
153	14.4	11.7	17.5

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



#50

Dimethylphthalate

Concen: 40.527 ng

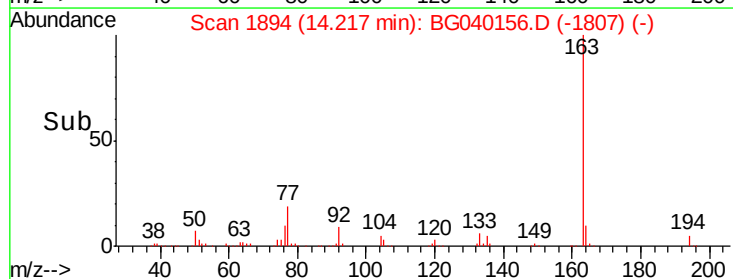
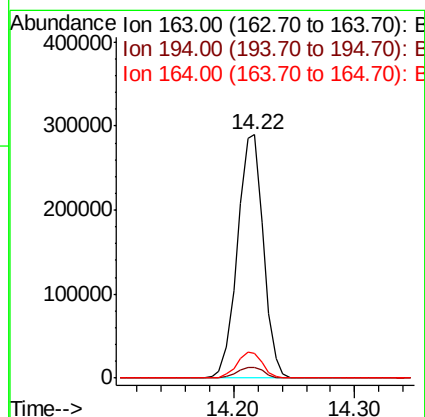
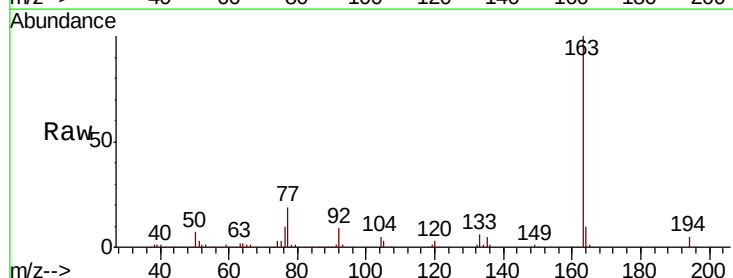
RT: 14.22 min Scan# 1894

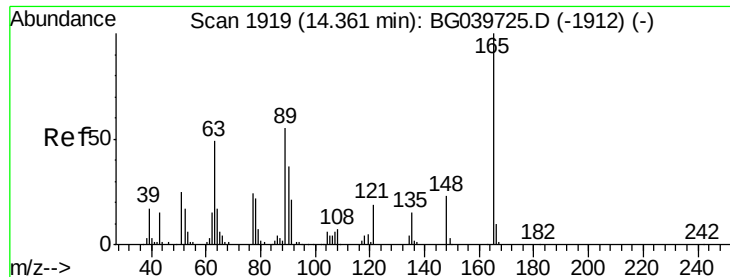
Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Tgt Ion:	163	Resp:	432003
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.0	8.4	12.6





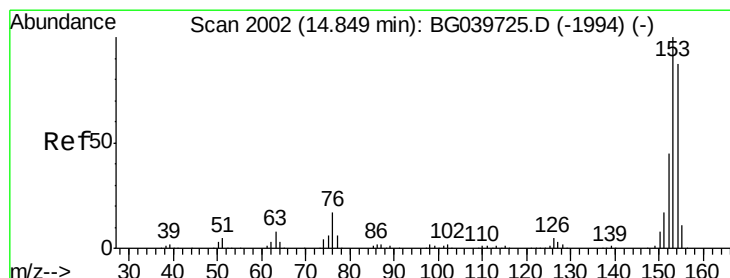
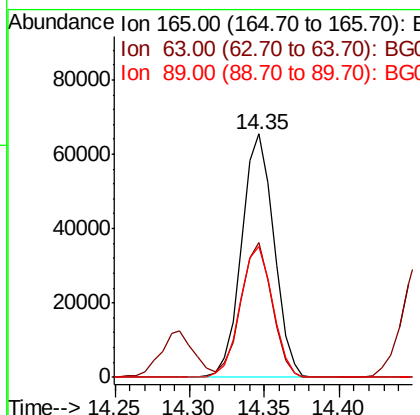
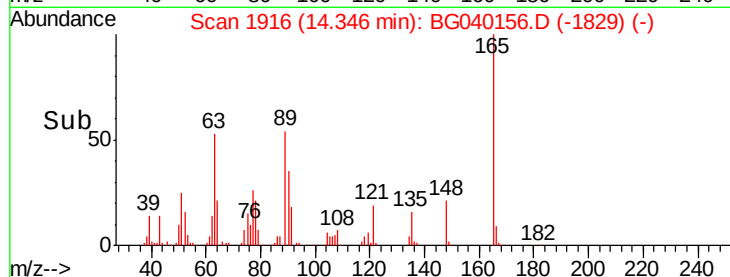
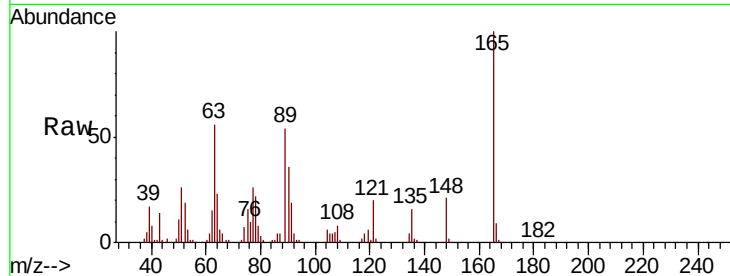
#51
 2,6-Dinitrotoluene
 Concen: 43.255 ng
 RT: 14.35 min Scan# 1916
 Delta R.T. -0.02 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.5	47.0	70.6
89	53.6	45.8	68.8

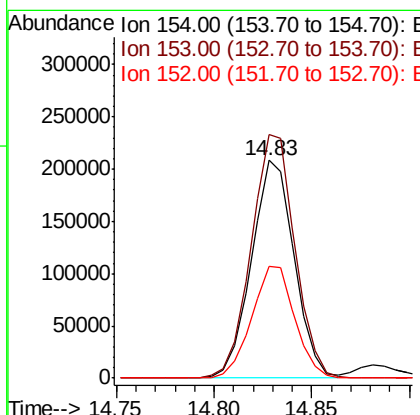
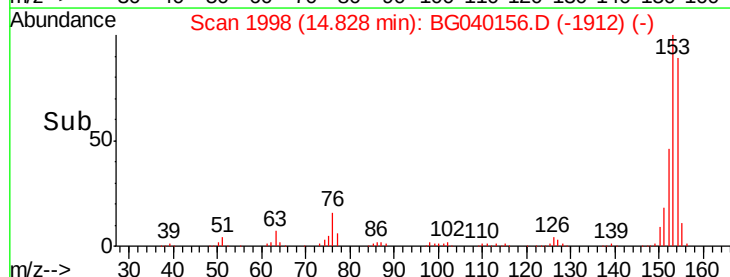
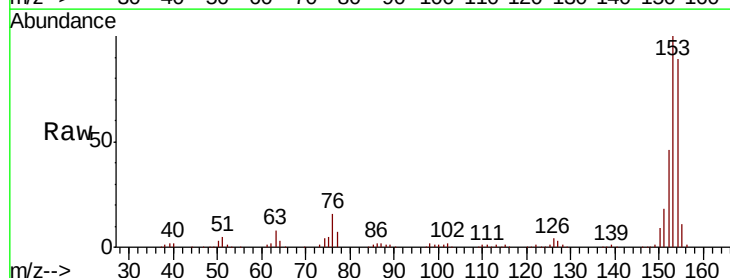
Manual Integrations
 APPROVED

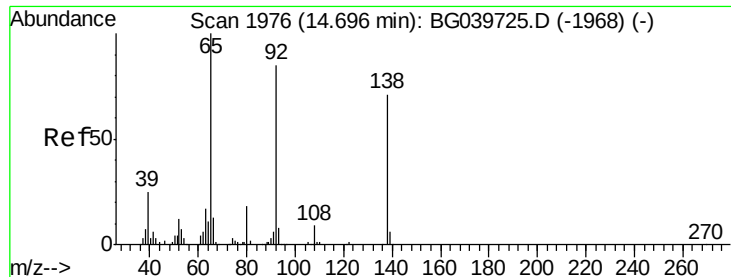
Sohil
 3/27/2019 5:30:57 PM



#52
 Acenaphthene
 Concen: 40.554 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.1	135.1
152	51.5	40.9	61.3





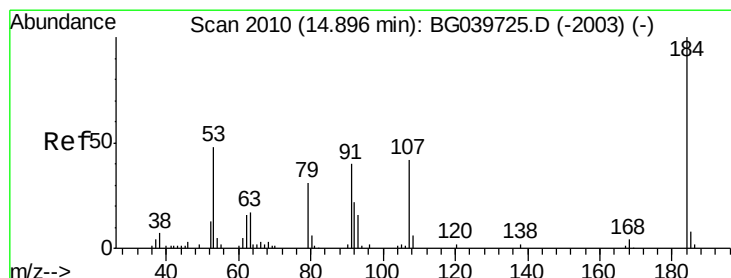
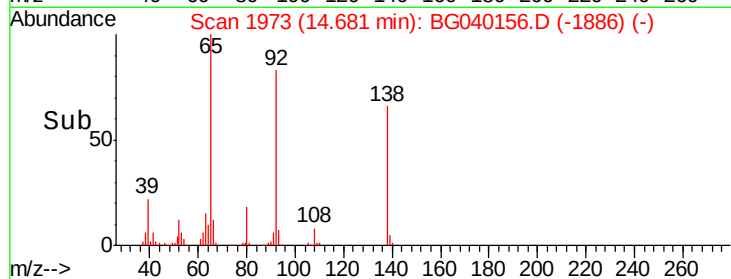
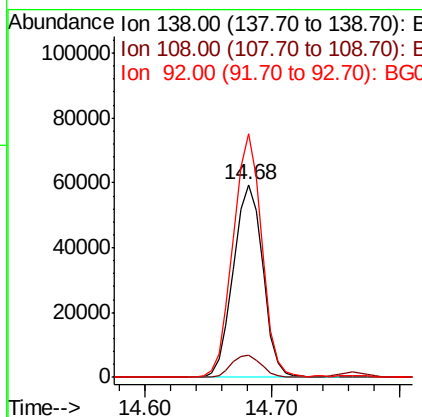
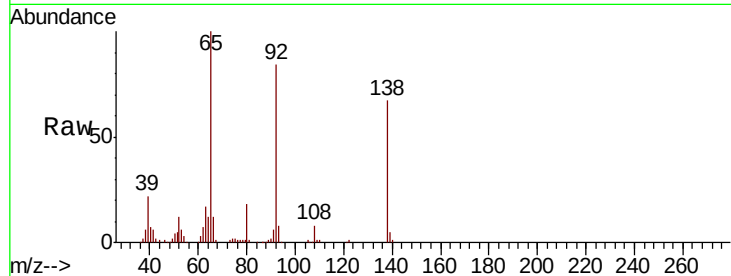
#53
3-Nitroaniline
Concen: 42.033 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tot Ion:138 Resp: 95479
Ion Ratio Lower Upper
138 100
108 11.6 13.8 20.8#
92 126.5 103.7 155.5

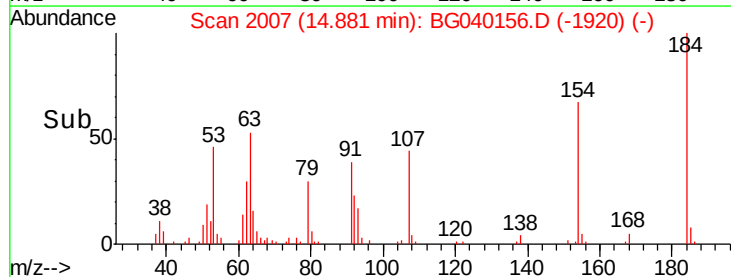
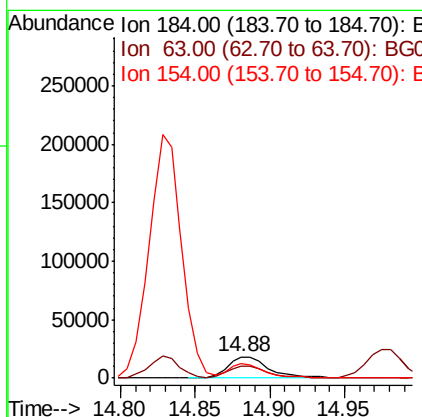
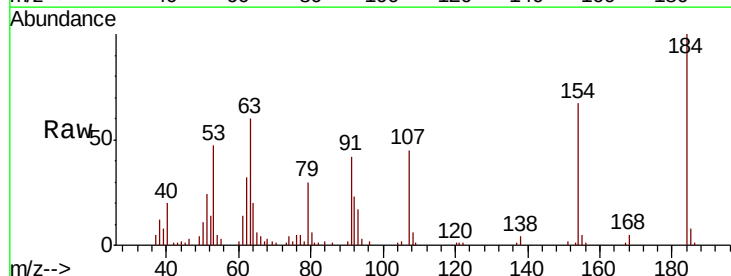
Manual Integrations
APPROVED

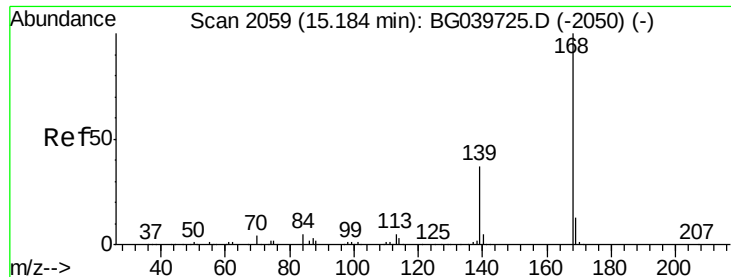
Sohil
3/27/2019 5:30:57 PM



#54
2,4-Dinitrophenol
Concen: 27.873 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion:184 Resp: 34498
Ion Ratio Lower Upper
184 100
63 59.6 50.9 76.3
154 67.0 53.0 79.6





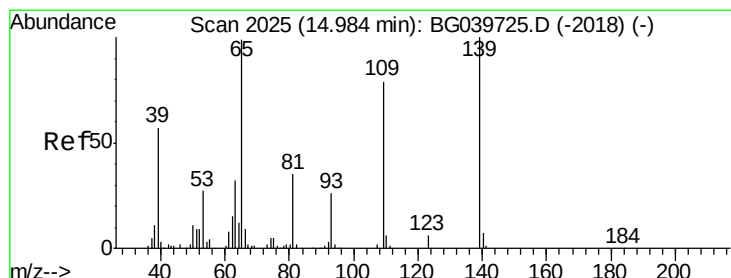
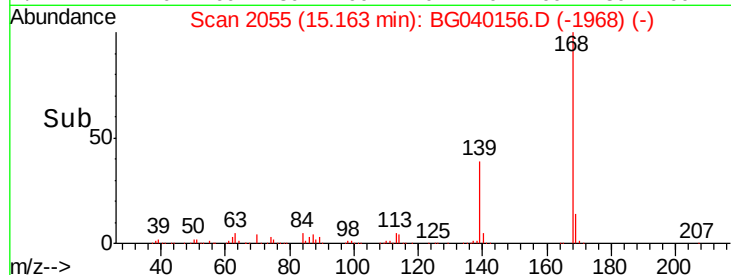
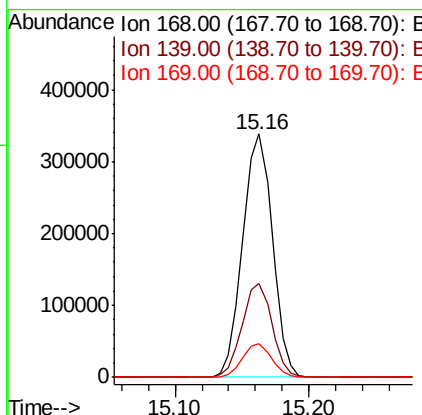
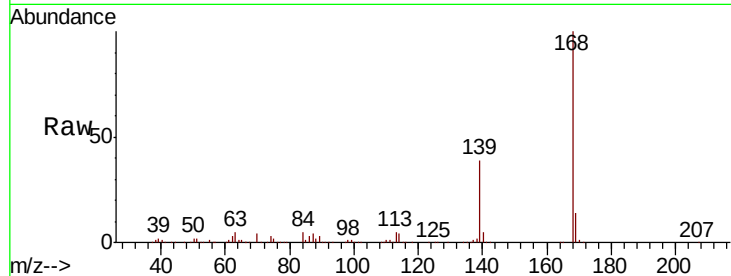
#55
Dibenzenofuran
Concen: 40.766 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.1	45.1
169	13.8	10.6	16.0

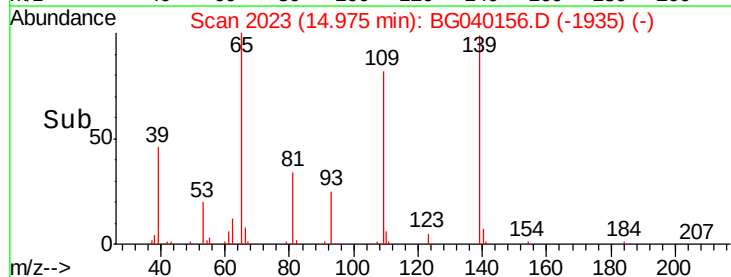
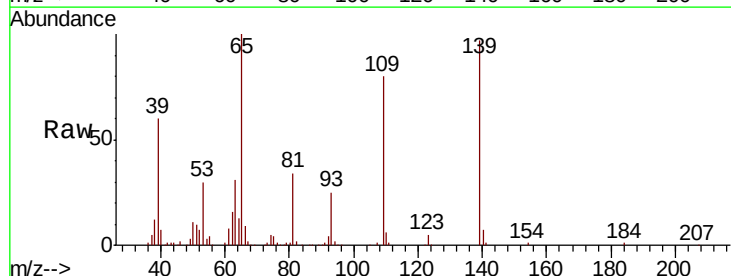
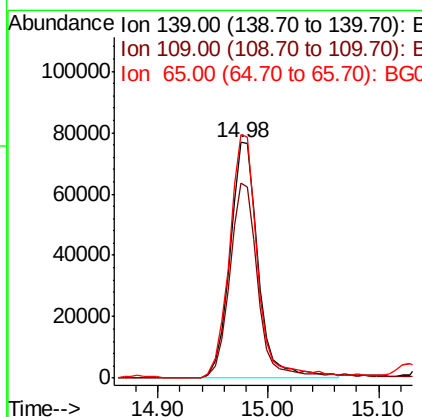
Manual Integrations
APPROVED

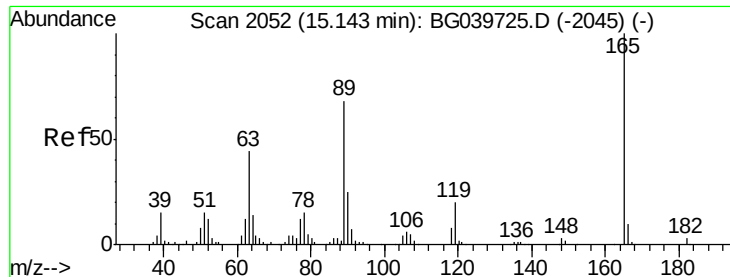
Sohil
3/27/2019 5:30:57 PM



#56
4-Nitrophenol
Concen: 67.824 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.0	61.9	101.9
65	103.5	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 43.504 ng

RT: 15.13 min Scan# 2049

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

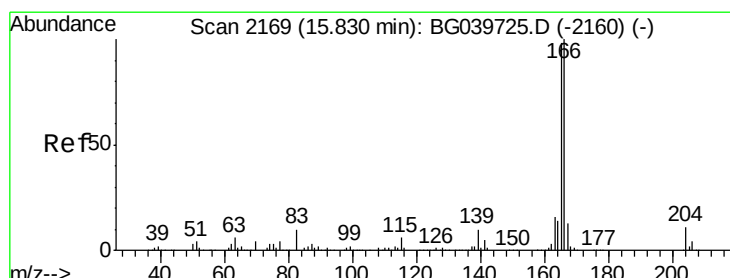
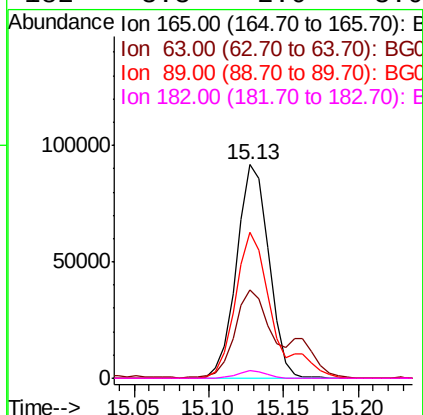
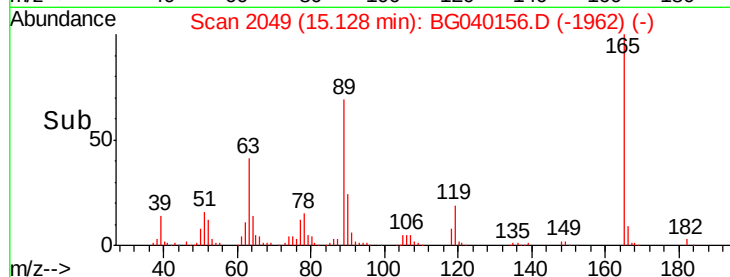
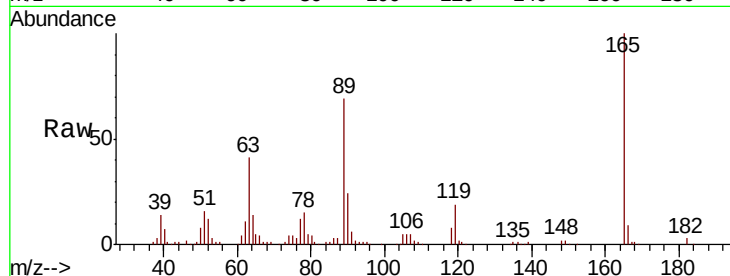
ClientSampleId :

PB118294BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		138134		
63	41.3		41.0	61.6	
89	68.6		64.6	96.8	
182	3.3		2.0	3.0#	

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



#58

Fluorene

Concen: 40.858 ng

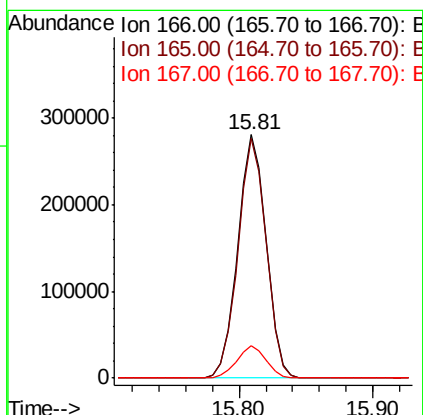
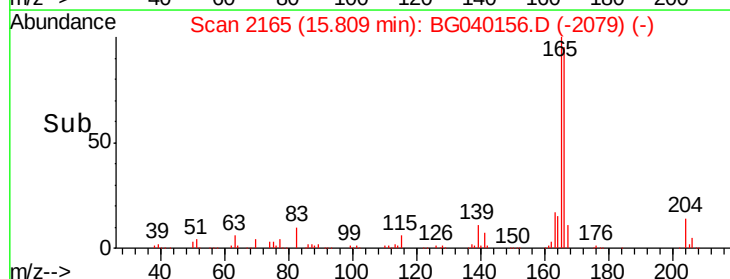
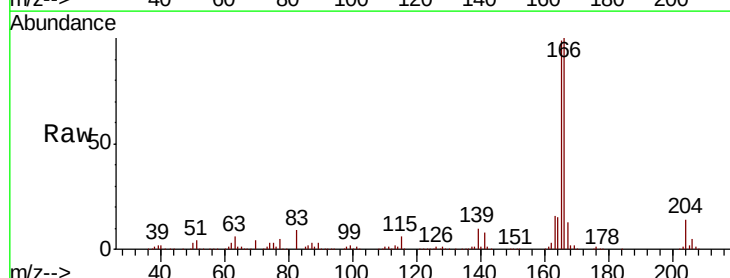
RT: 15.81 min Scan# 2165

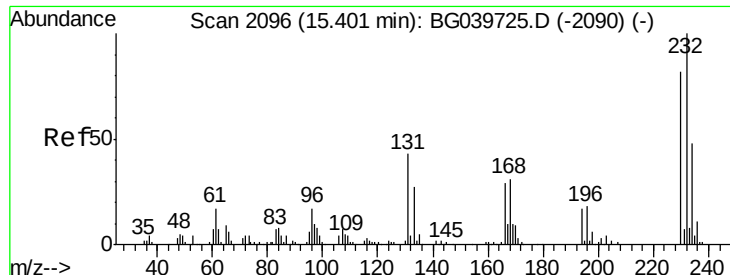
Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		410698		
165	98.7		77.9	116.9	
167	13.3		10.8	16.2	





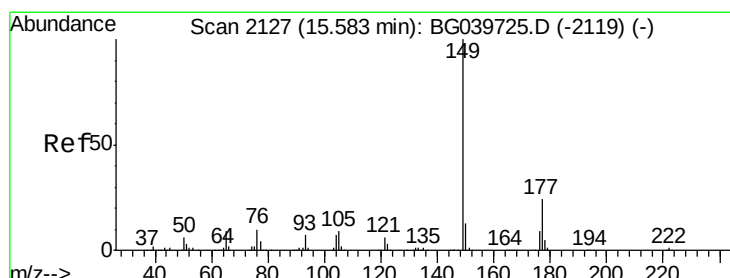
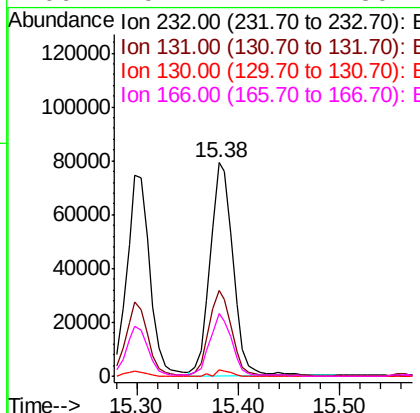
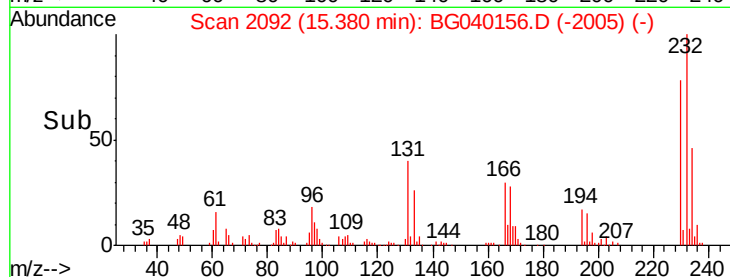
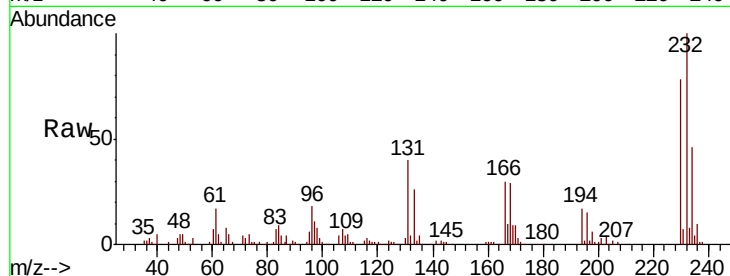
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.636 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.02 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.0	34.9	52.3
130	2.1	2.0	3.0
166	29.1	24.1	36.1

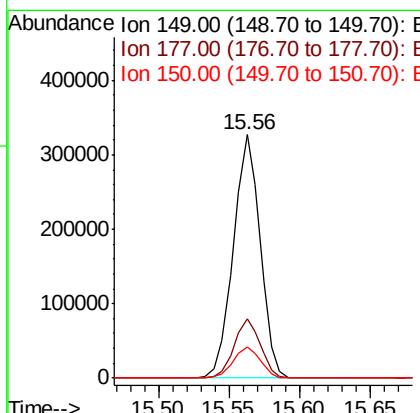
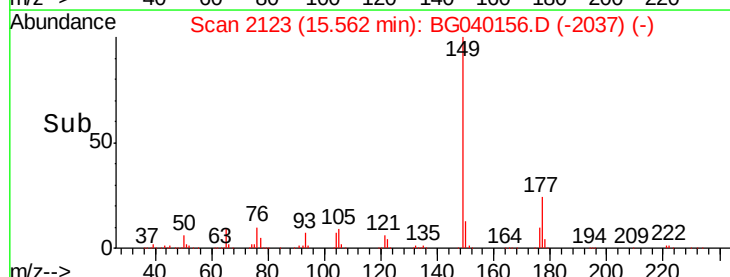
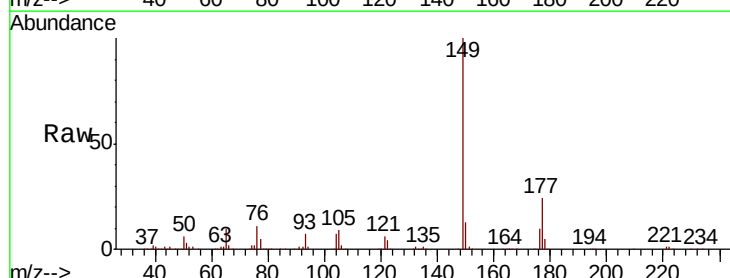
Manual Integrations
 APPROVED

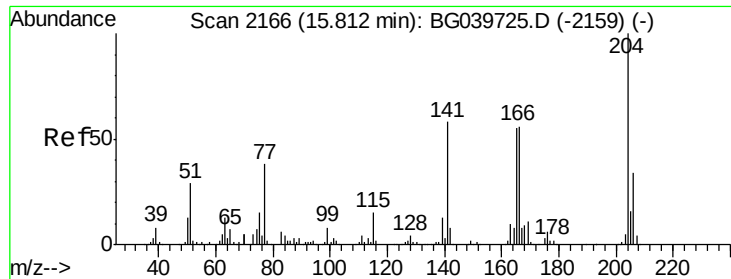
Sohil
 3/27/2019 5:30:57 PM



#60
 Diethylphthalate
 Concen: 40.797 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.3	27.5
150	12.7	10.2	15.2





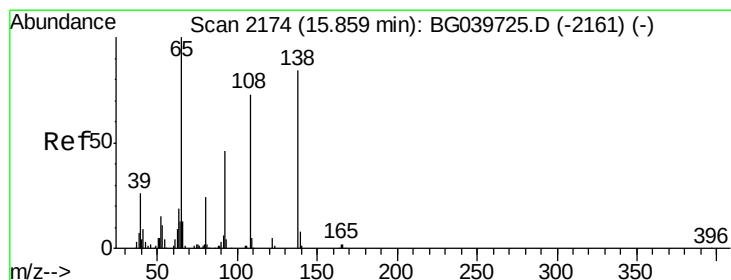
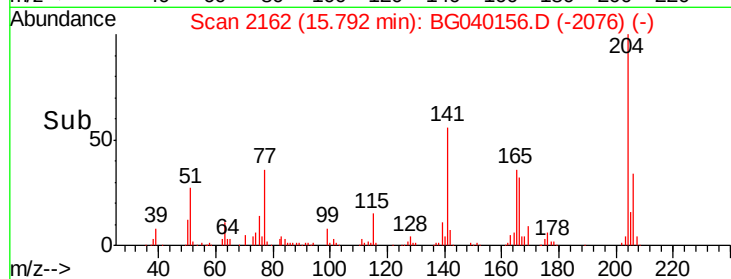
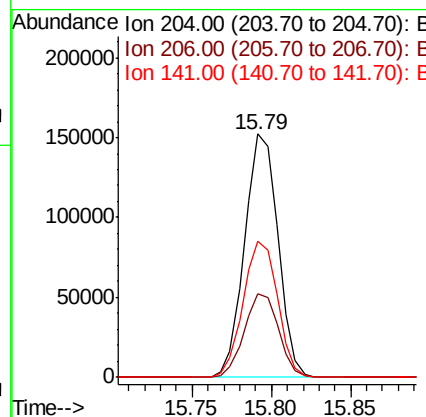
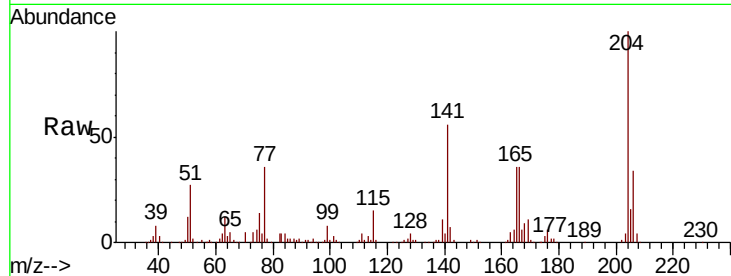
#61
4-Chlorophenyl-phenylether
Concen: 41.535 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	29.2	43.8
141	55.8	49.0	73.4

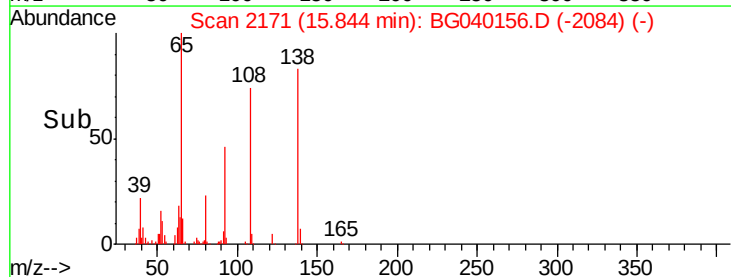
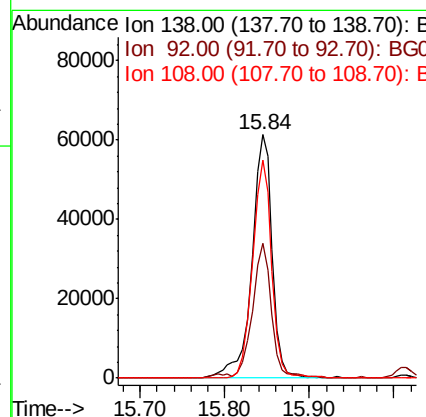
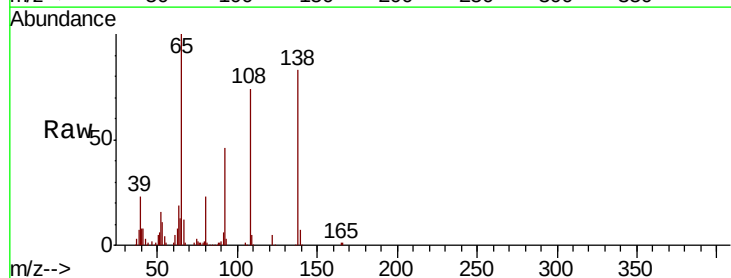
Manual Integrations
APPROVED

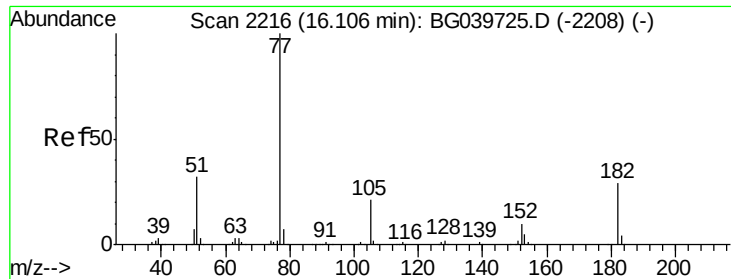
Sohil
3/27/2019 5:30:57 PM



#62
4-Nitroaniline
Concen: 41.910 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	38.7	78.7
108	89.3	74.6	114.6





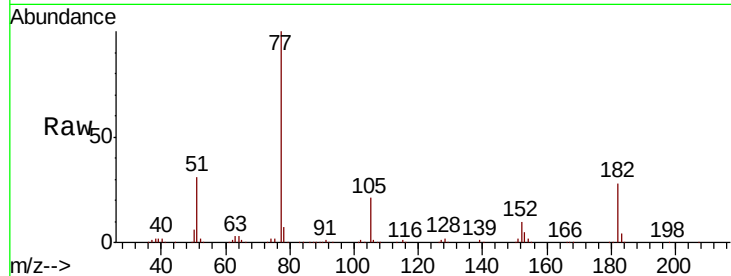
#63
Azobenzene
Concen: 39.860 ng
RT: 16.09 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

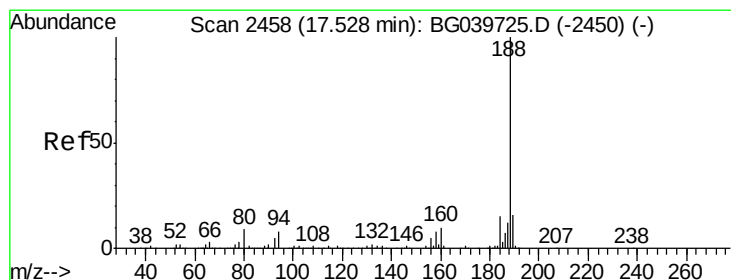
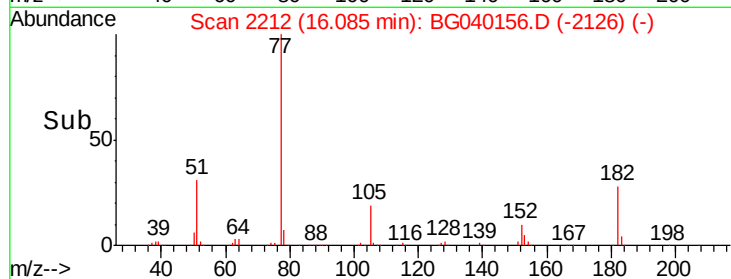
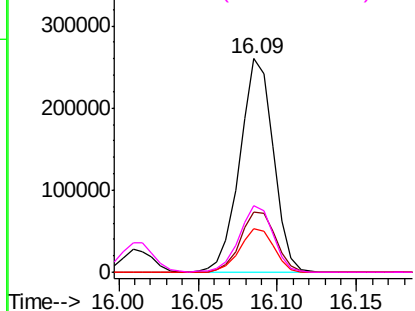
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	6.4	46.4
105	20.6	0.0	39.8
51	31.1	14.1	54.1

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM

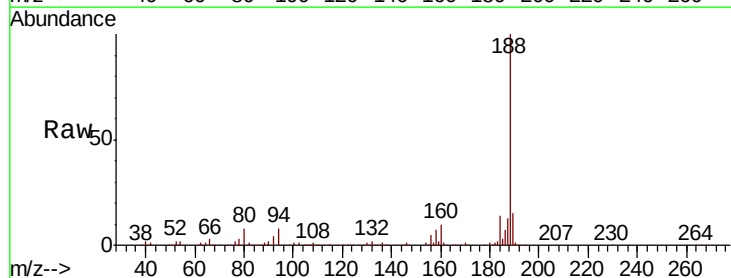


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

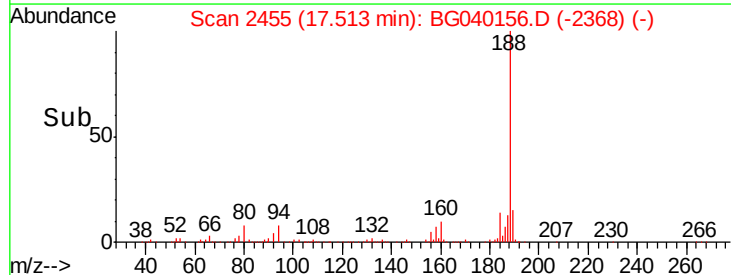
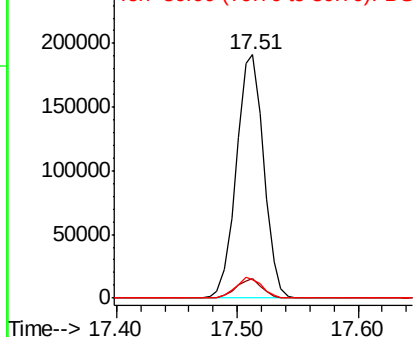


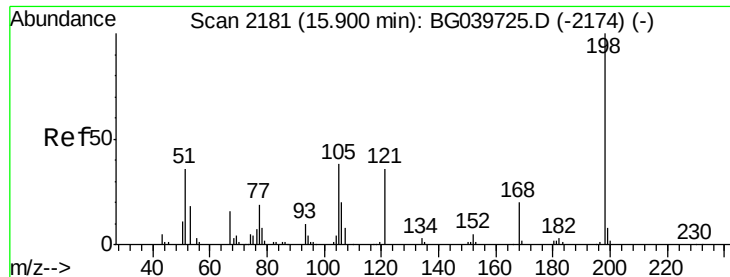
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	7.7	8.1	12.1#



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 27.589 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

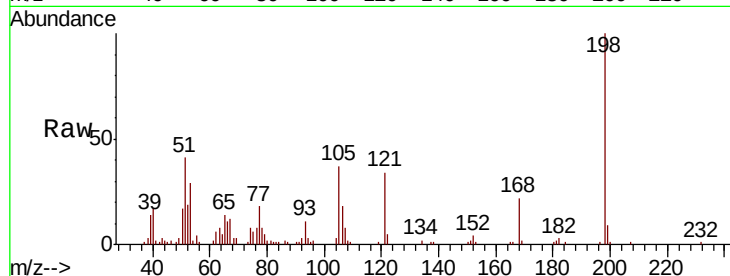
ClientSampleId :

PB118294BSD

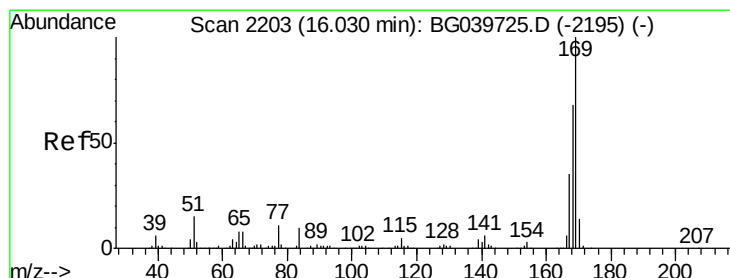
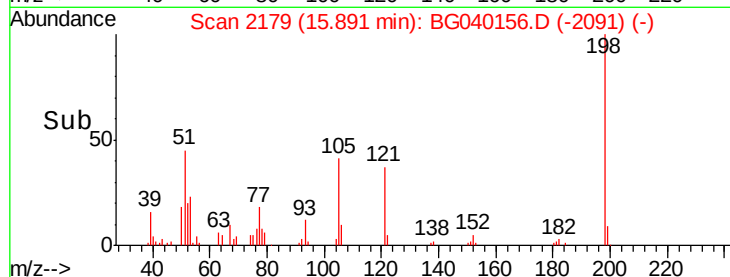
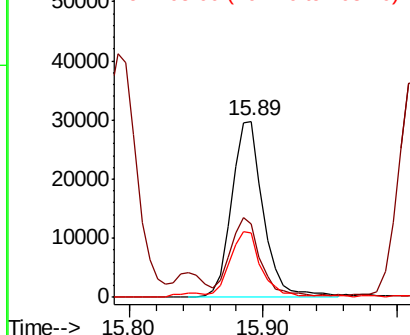
Tot Ion:	198	Resp:	49198
Ion Ratio	Lower	Upper	
198	100		
51	41.3	27.4	67.4
105	36.8	19.7	59.7

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 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: 42.764 ng

RT: 16.01 min Scan# 2200

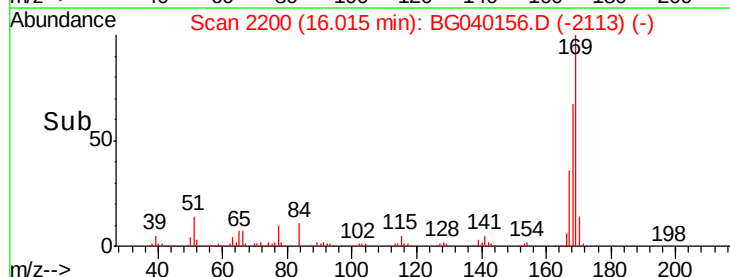
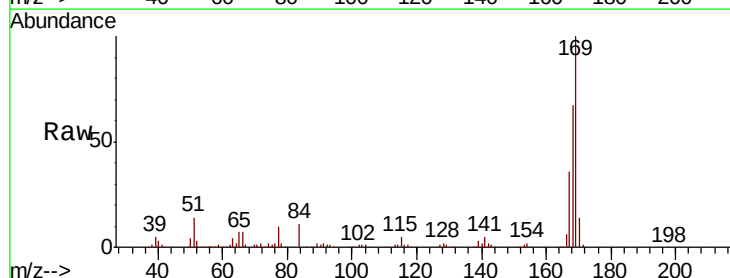
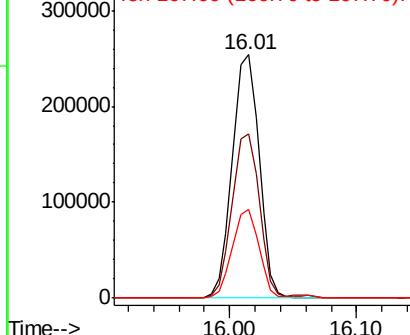
Delta R.T. -0.02 min

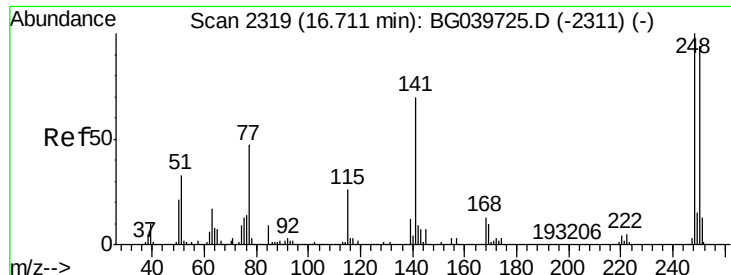
Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Tgt Ion:	169	Resp:	373387
Ion Ratio	Lower	Upper	
169	100		
168	67.3	56.6	85.0
167	36.3	28.8	43.2

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





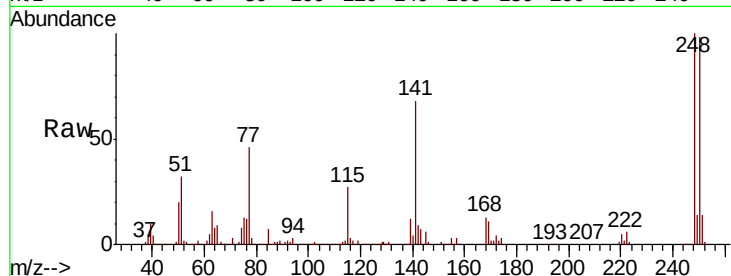
#67
4-Bromophenyl-phenylether
Concen: 42.740 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampled :
PB118294BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.6	116.4
141	68.0	63.9	95.9

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM

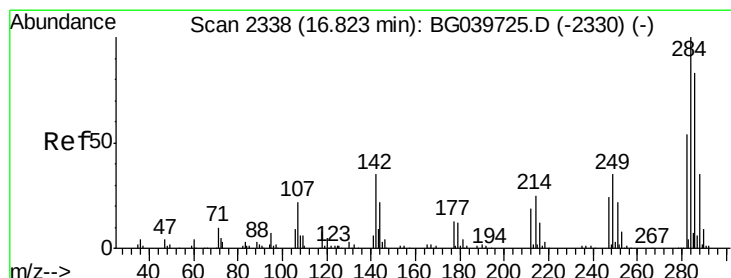
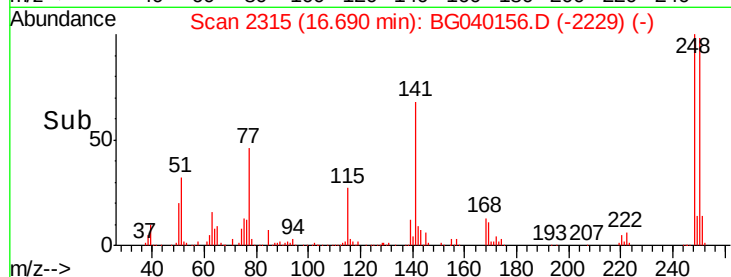
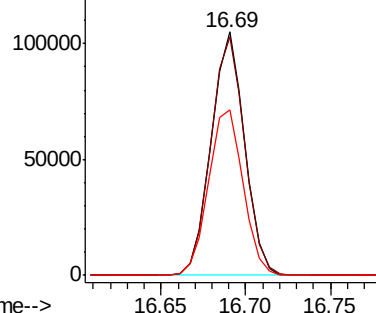


Abundance

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: 42.844 ng
RT: 16.80 min Scan# 2334
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

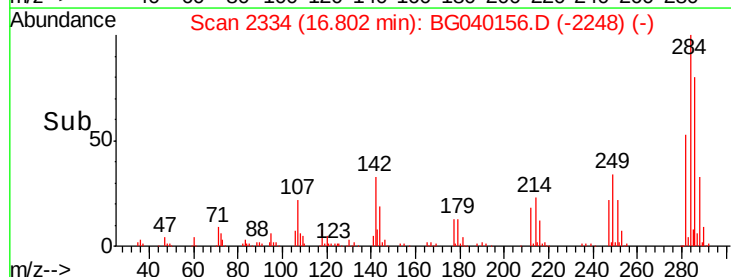
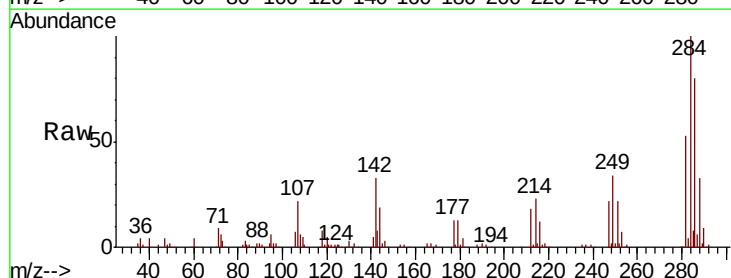
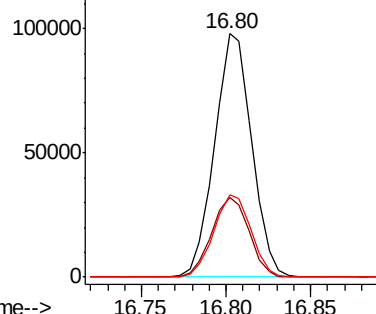
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	30.6	45.8
249	34.0	28.2	42.2

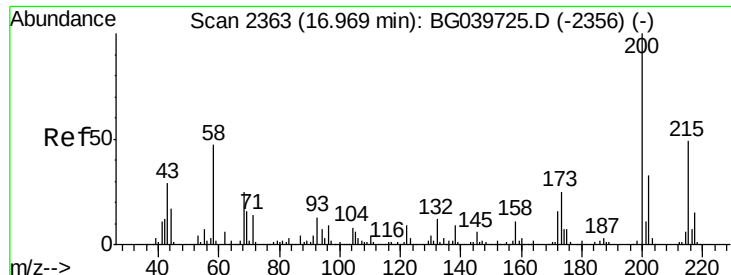
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





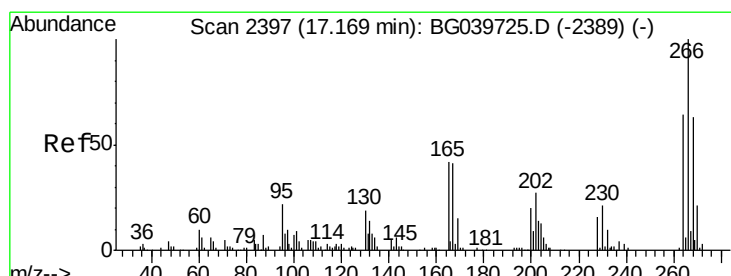
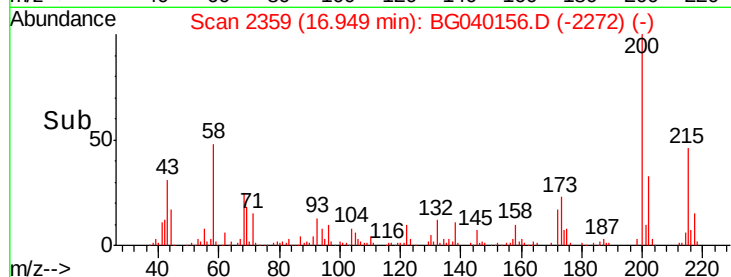
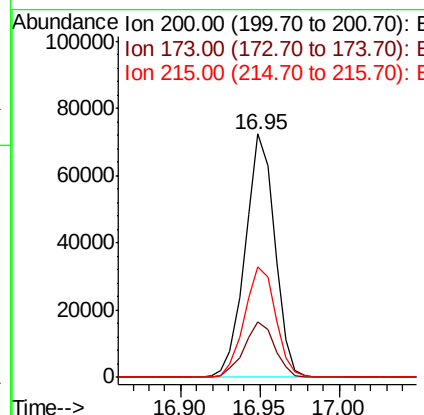
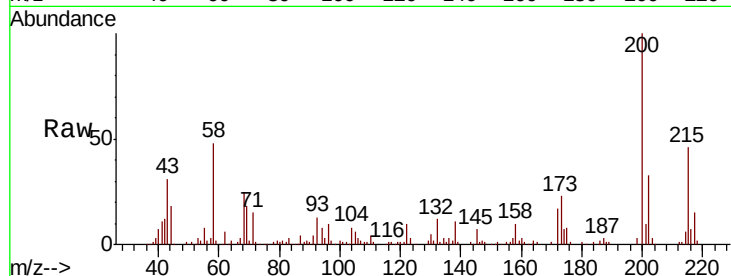
#69
 Atrazine
 Concen: 27.314 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. -0.02 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.9	3.9	43.9
215	45.6	30.9	70.9

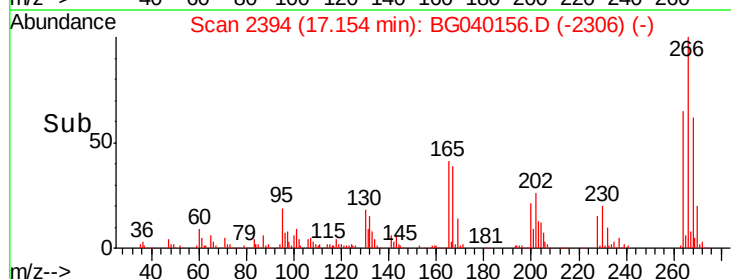
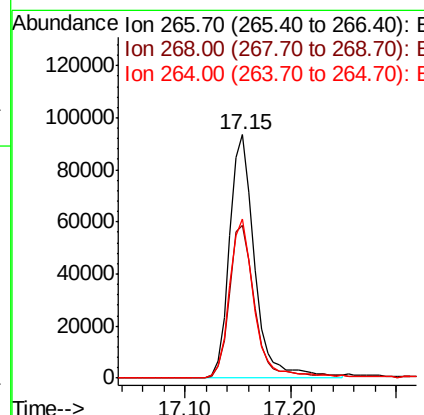
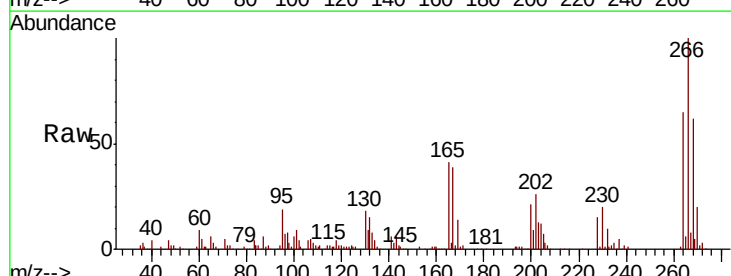
Manual Integrations
 APPROVED

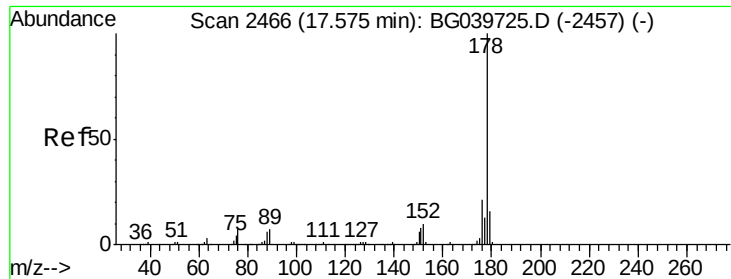
Sohil
 3/27/2019 5:30:57 PM



#70
 Pentachlorophenol
 Concen: 69.874 ng
 RT: 17.15 min Scan# 2394
 Delta R.T. -0.02 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.5	51.1	76.7
264	65.2	52.1	78.1





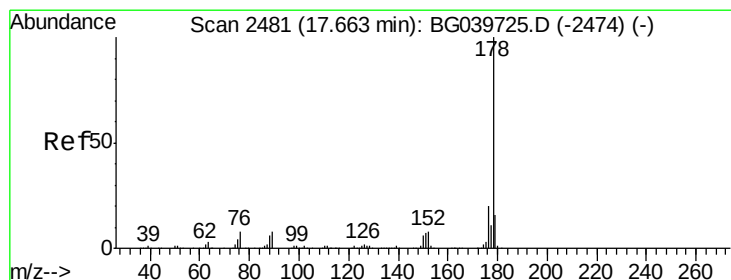
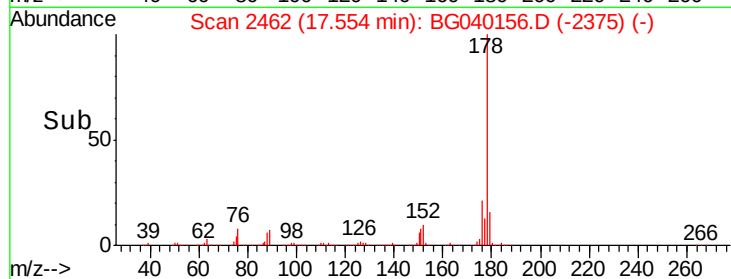
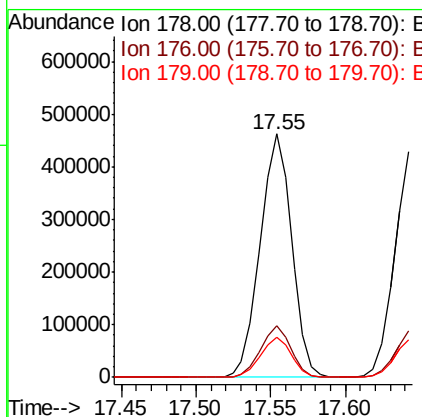
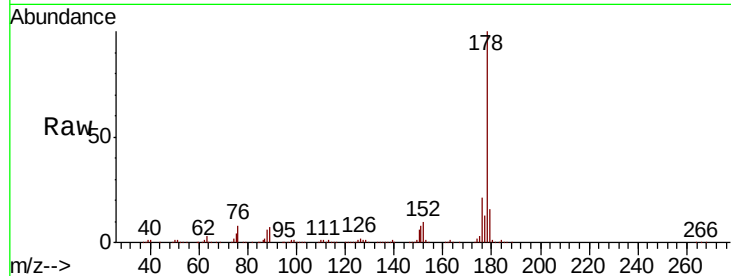
#71
Phenanthrene
Concen: 40.527 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.2	24.4
179	16.2	12.6	19.0

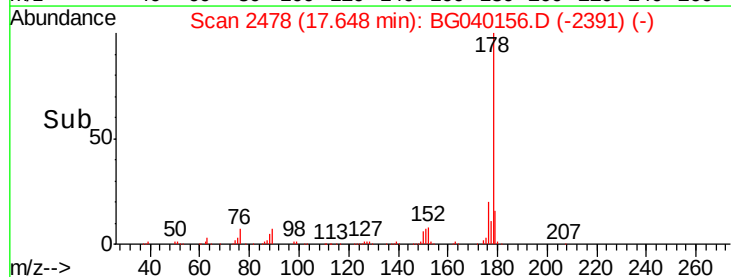
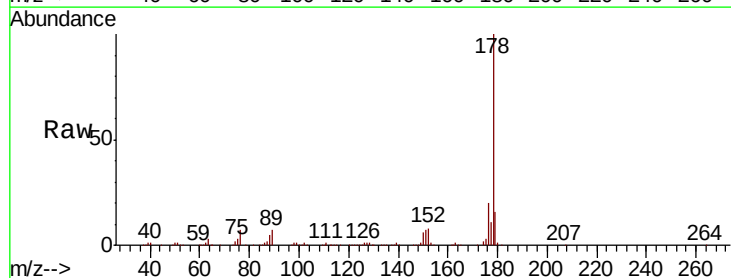
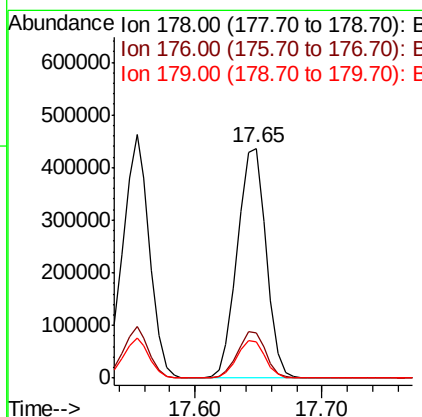
Manual Integrations
APPROVED

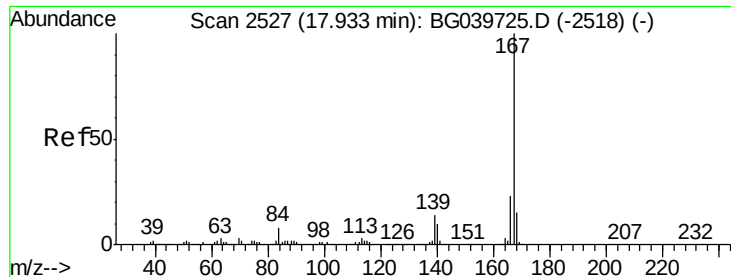
Sohil
3/27/2019 5:30:57 PM



#72
Anthracene
Concen: 42.297 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.7	12.5	18.7





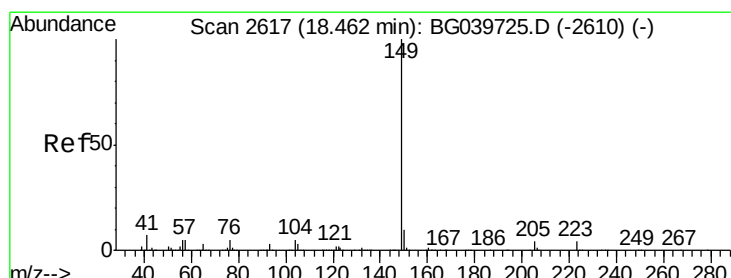
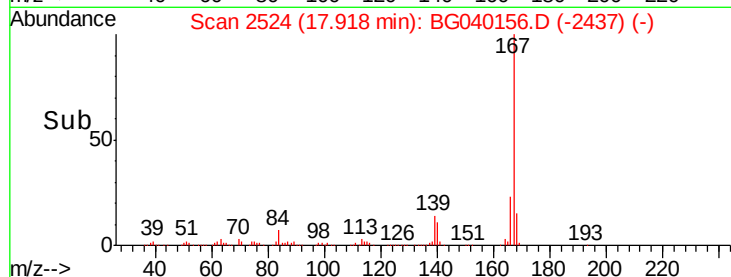
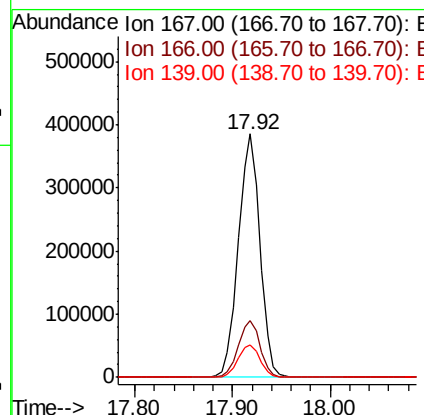
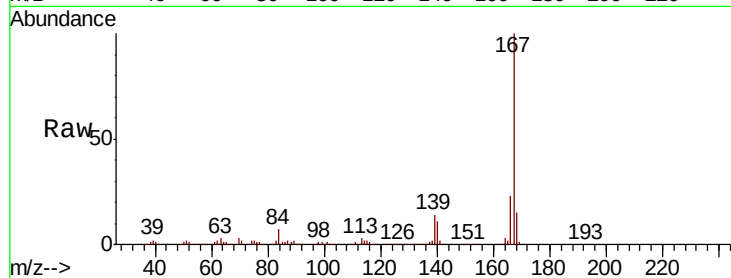
#73
 Carbazole
 Concen: 40.382 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.4	29.2
139	13.6	10.8	16.2

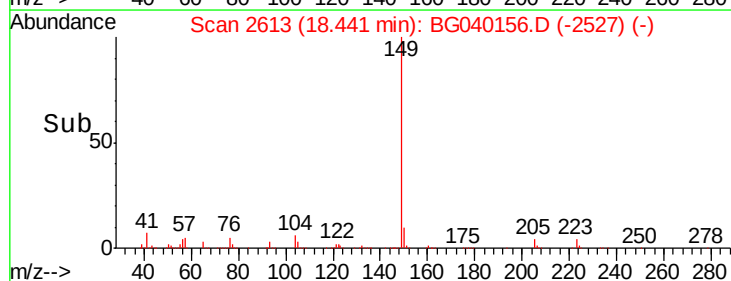
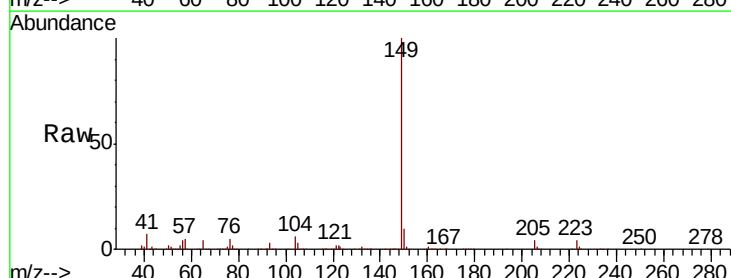
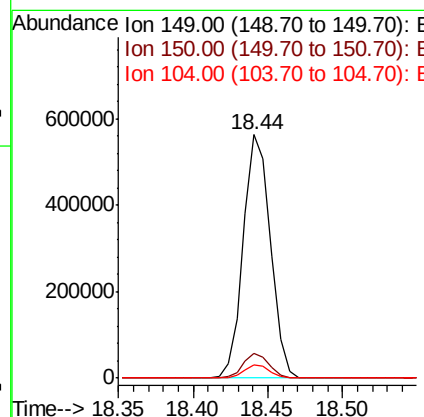
Manual Integrations
 APPROVED

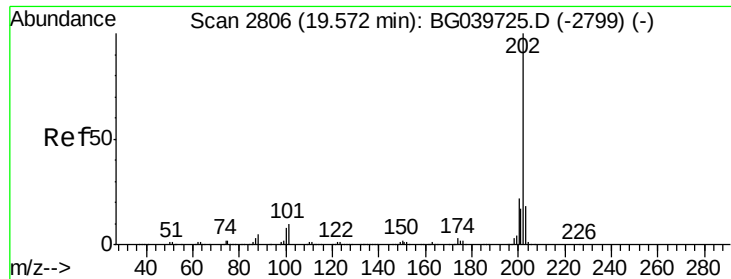
Sohil
 3/27/2019 5:30:57 PM



#74
 Di-n-butylphthalate
 Concen: 41.431 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 41.026 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

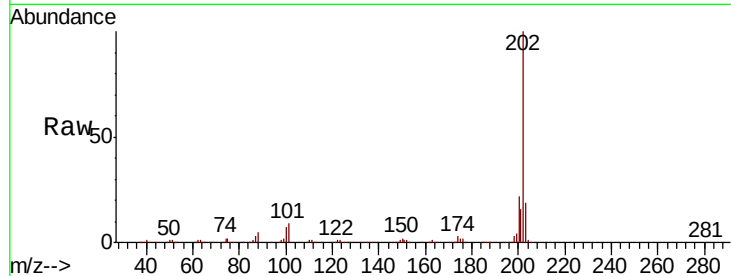
ClientSampleId :

PB118294BSD

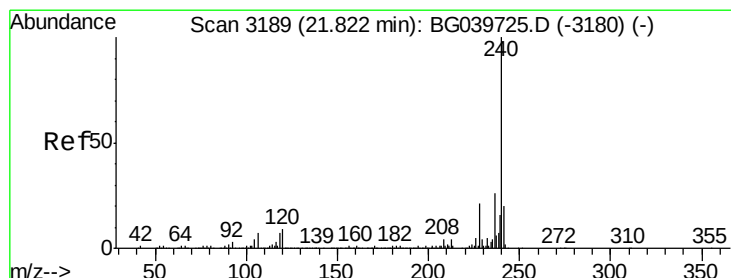
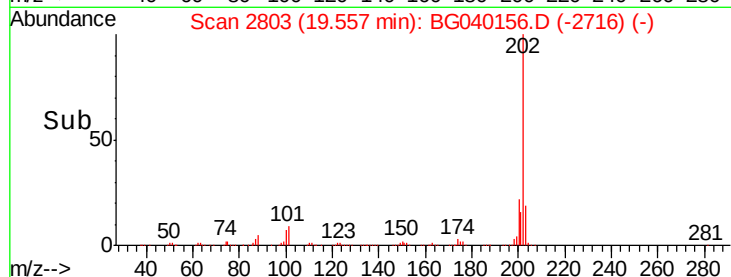
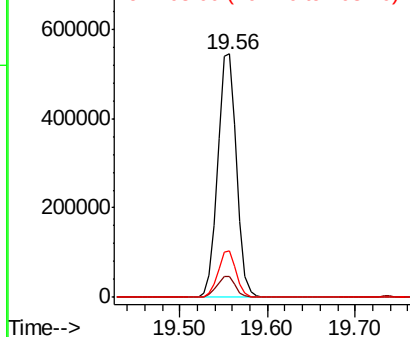
Tot Ion:	202	Resp:	805460
Ion Ratio		Lower	Upper
202	100		
101	8.5	0.0	30.0
203	19.0	0.0	38.9

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

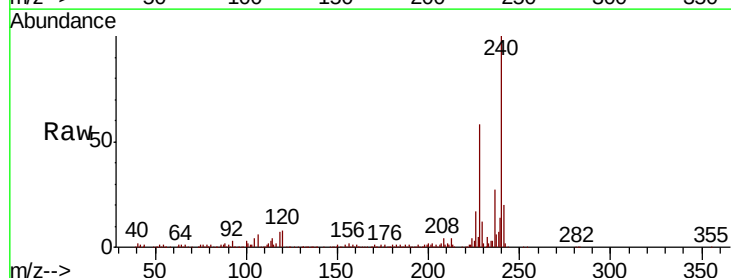
RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

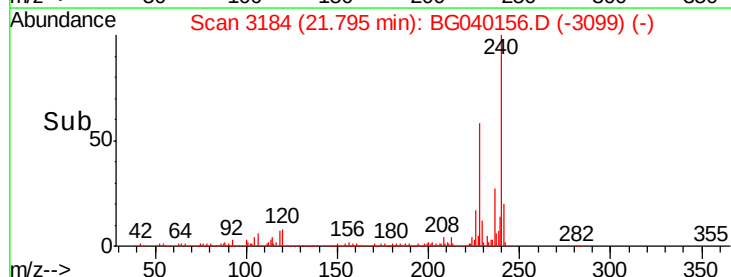
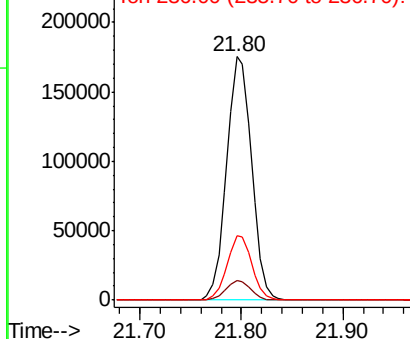
Lab File: BG040156.D

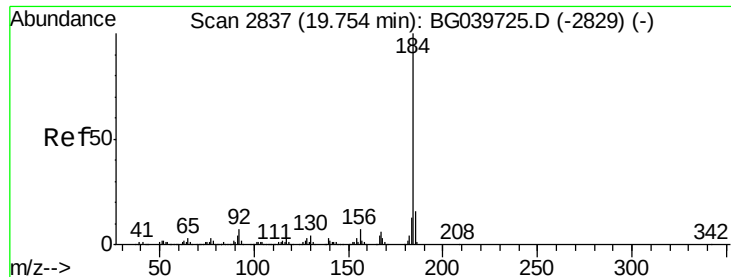
Acq: 26 Mar 2019 20:58

Tgt Ion:	240	Resp:	299601
Ion Ratio		Lower	Upper
240	100		
120	8.0	7.0	10.6
236	26.6	21.0	31.4



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





#77

Benzidine

Concen: 70.808 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

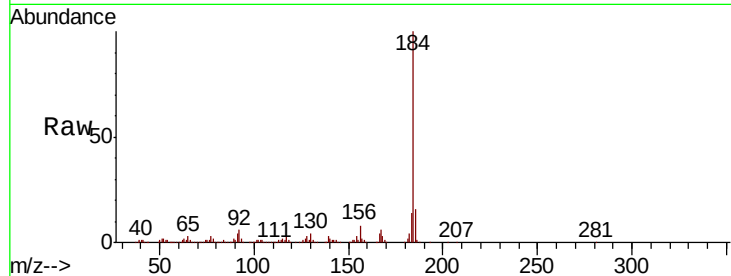
ClientSampleId :

PB118294BSD

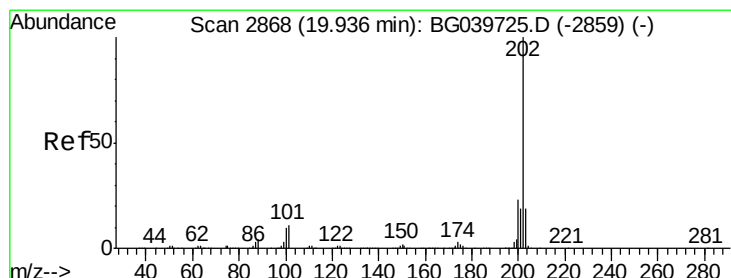
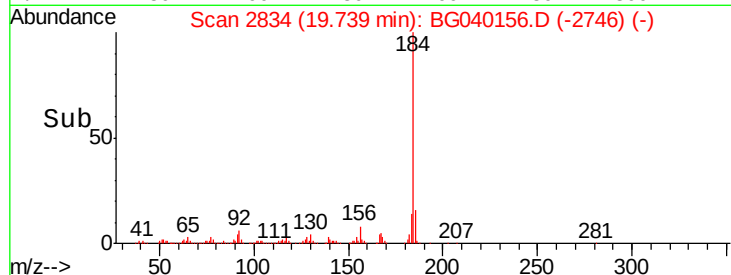
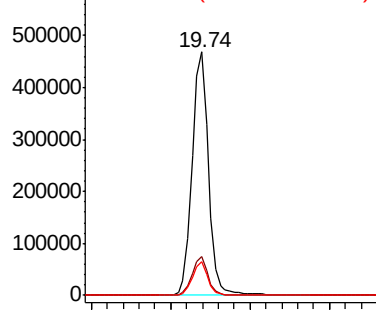
Tot Ion:	184	Resp:	673190
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.2	18.2
183	13.7	10.6	15.8

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.049 ng

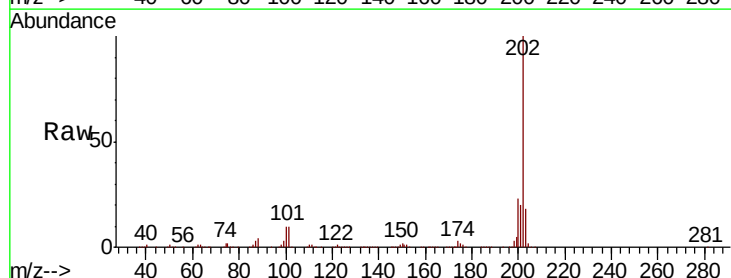
RT: 19.92 min Scan# 2864

Delta R.T. -0.03 min

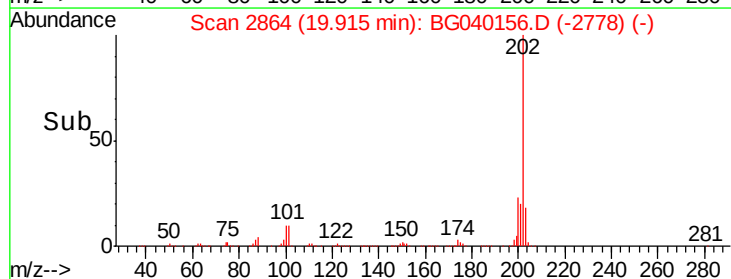
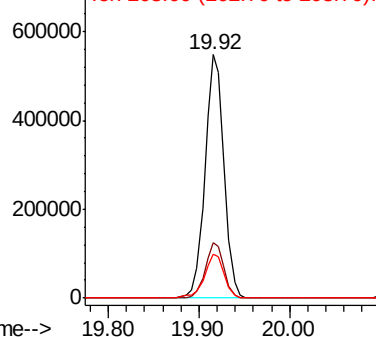
Lab File: BG040156.D

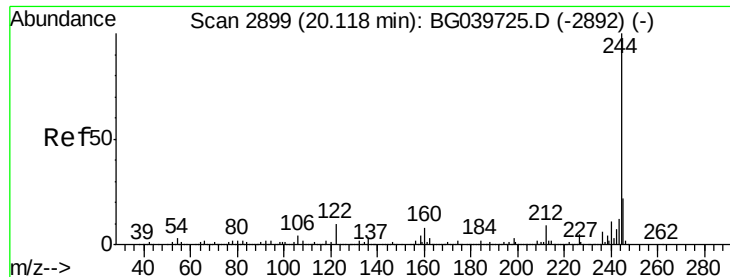
Acq: 26 Mar 2019 20:58

Tgt Ion:	202	Resp:	799150
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.8	26.8
203	18.3	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.874 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

Tot Ion:244 Resp: 1182104

Ion Ratio Lower Upper

244 100

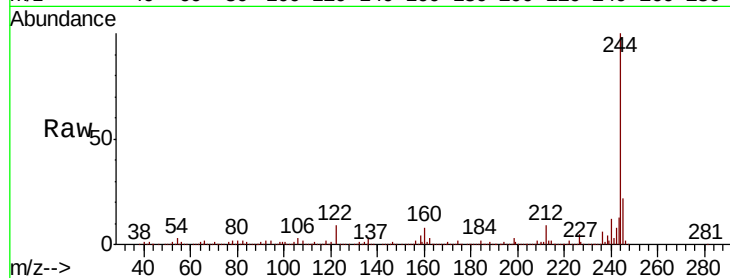
212 9.4 7.3 10.9

122 9.2 8.4 12.6

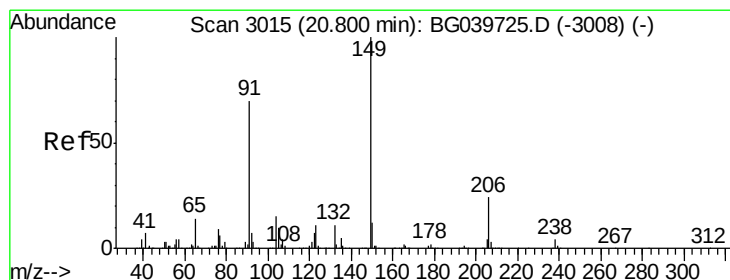
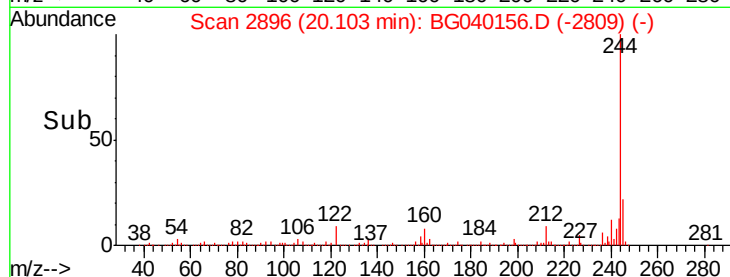
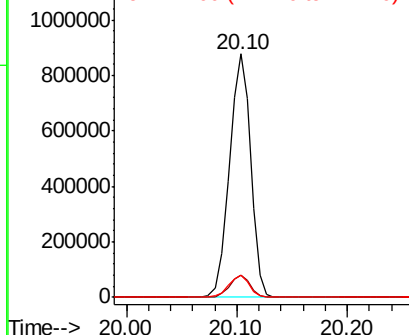
Manual Integrations
APPROVED

Sohil

3/27/2019 5:30:57 PM



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



#80

Butylbenzylphthalate

Concen: 43.501 ng

RT: 20.78 min Scan# 3011

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

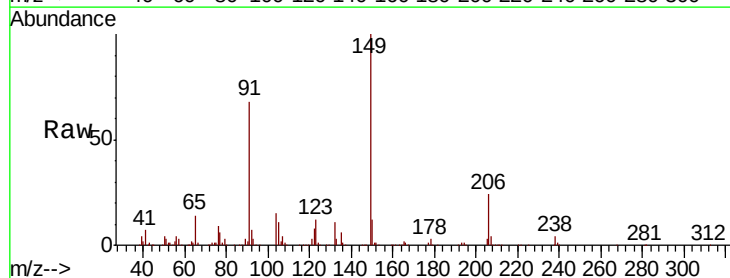
Tgt Ion:149 Resp: 328107

Ion Ratio Lower Upper

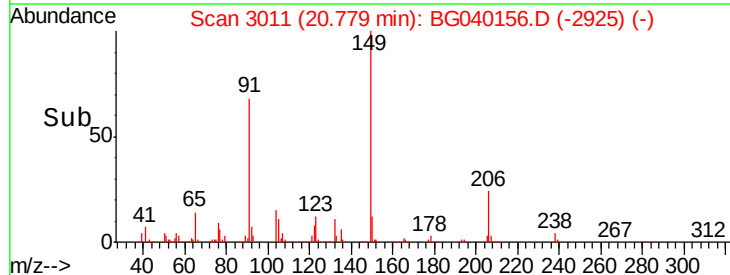
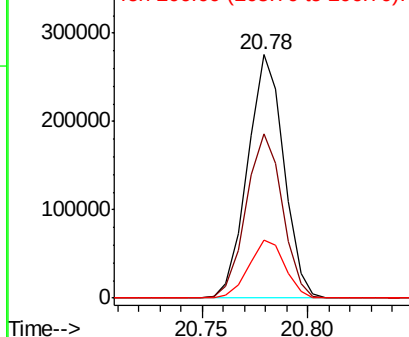
149 100

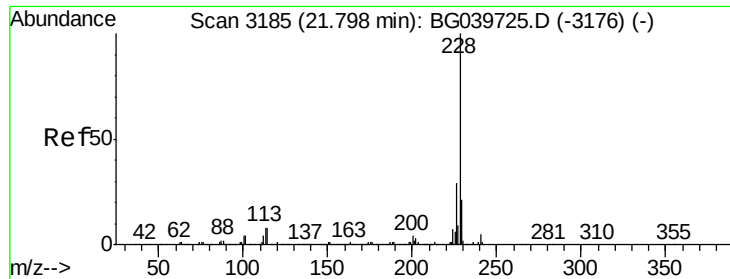
91 67.7 59.5 89.3

206 23.8 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





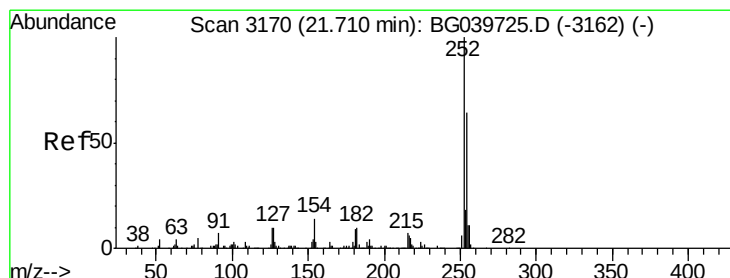
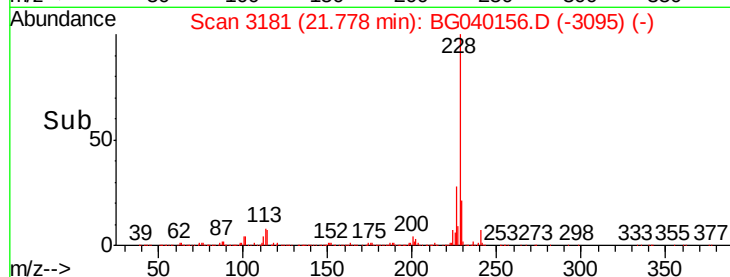
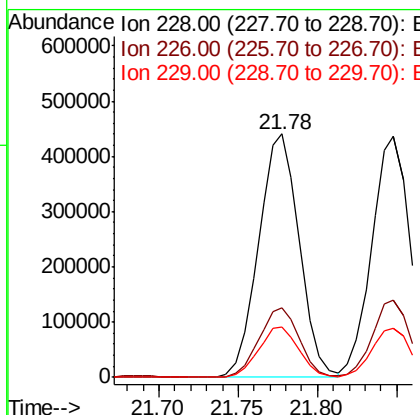
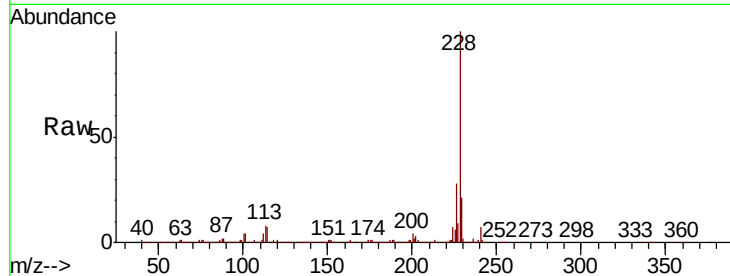
#81
Benzo(a)anthracene
Concen: 41.630 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	20.6	16.9	25.3

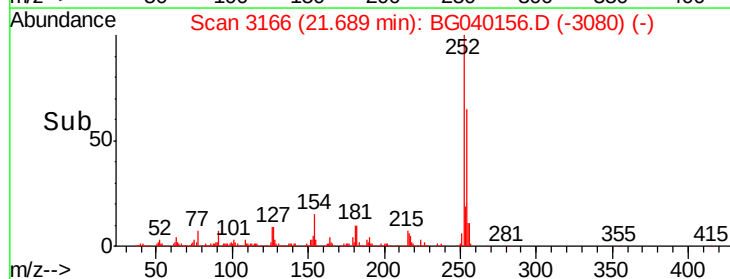
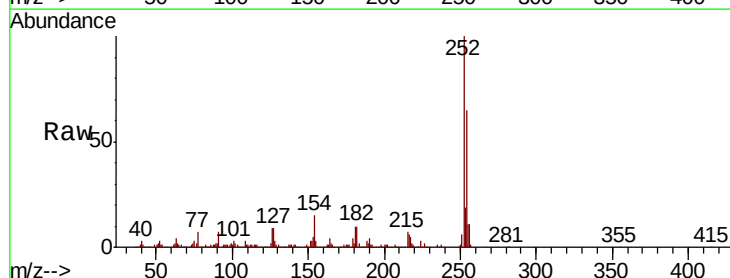
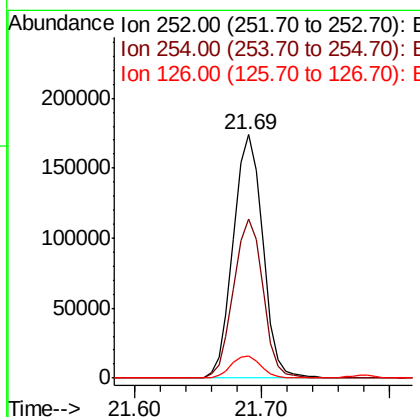
Manual Integrations
APPROVED

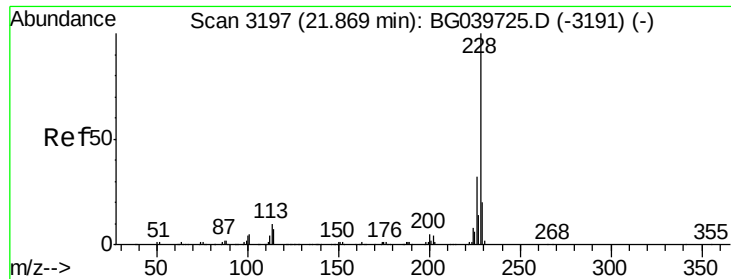
Sohil
3/27/2019 5:30:57 PM



#82
3,3'-Dichlorobenzidine
Concen: 40.950 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.3	76.9
126	9.3	8.0	12.0





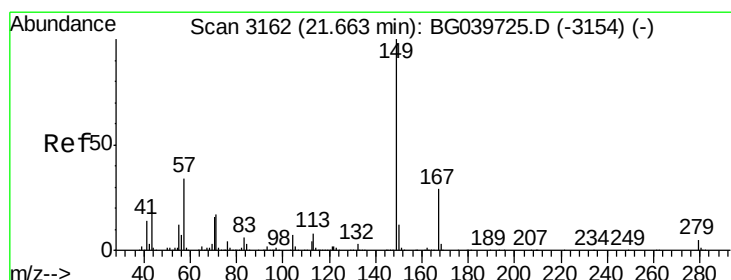
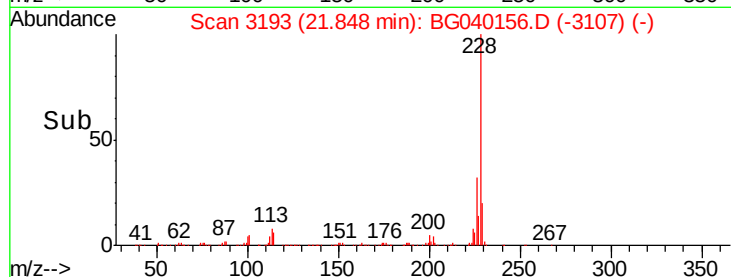
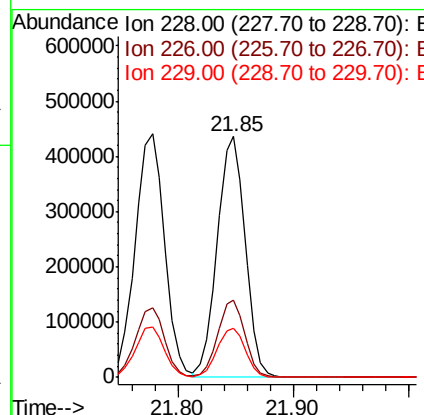
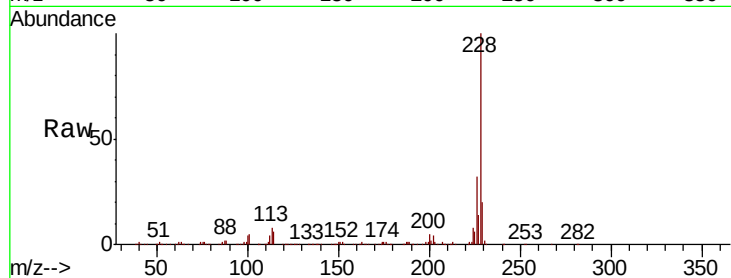
#83
Chrysene
Concen: 40.095 ng
RT: 21.85 min Scan# 3193
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tot Ion:	228	Resp:	729880
Ion Ratio		Lower	Upper
228	100		
226	32.1	25.8	38.6
229	20.2	16.6	25.0

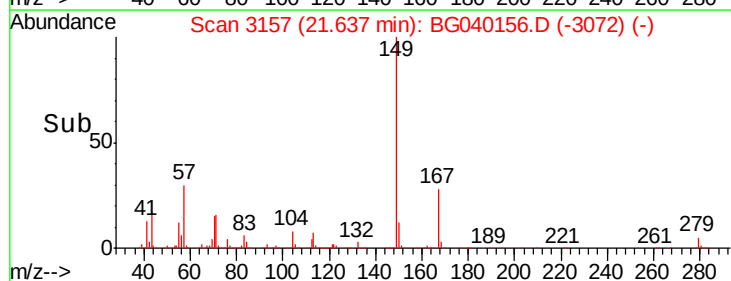
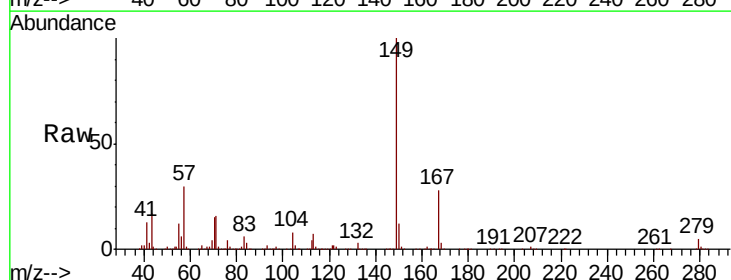
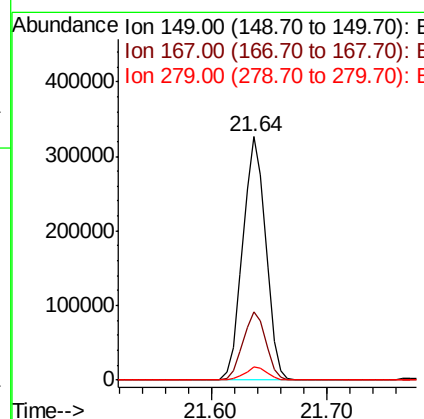
Manual Integrations
APPROVED

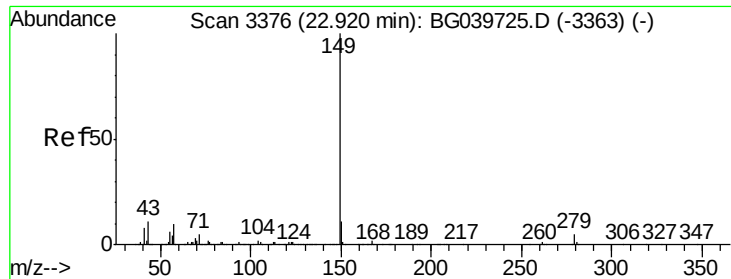
Sohil
3/27/2019 5:30:57 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.601 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion:	149	Resp:	451530
Ion Ratio		Lower	Upper
149	100		
167	28.0	22.6	34.0
279	5.4	3.5	5.3#





#85

Di-n-octyl phthalate

Concen: 44.160 ng

RT: 22.88 min Scan# 3369

Delta R.T. -0.04 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

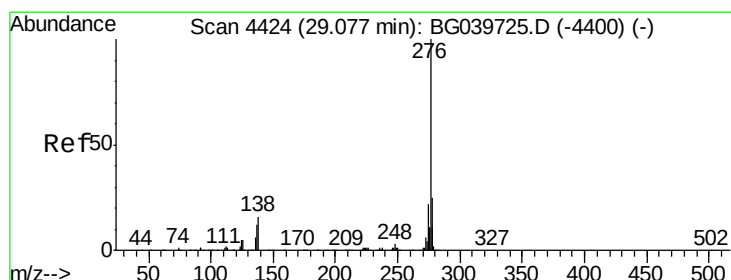
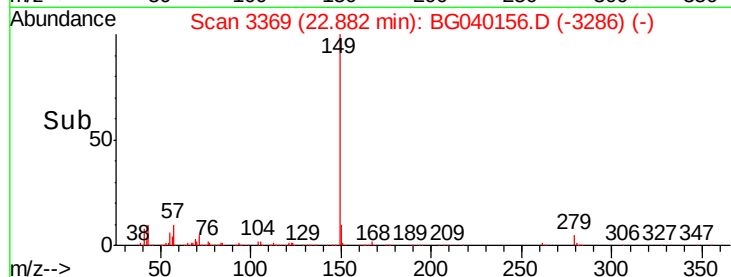
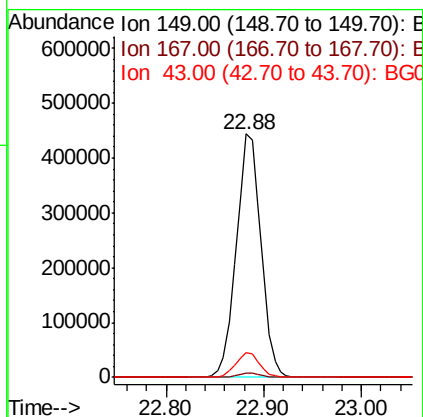
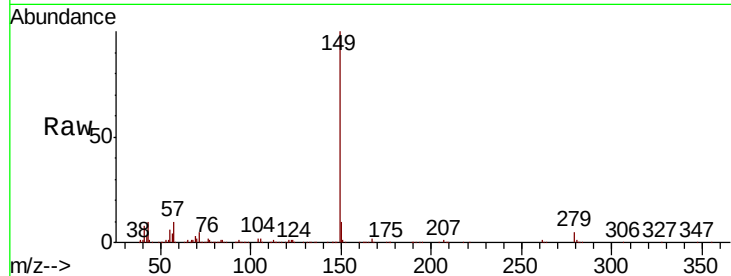
ClientSampleId :

PB118294BSD

Tot Ion:	149	Resp:	774996
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.9	10.2	15.4#

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.038 ng

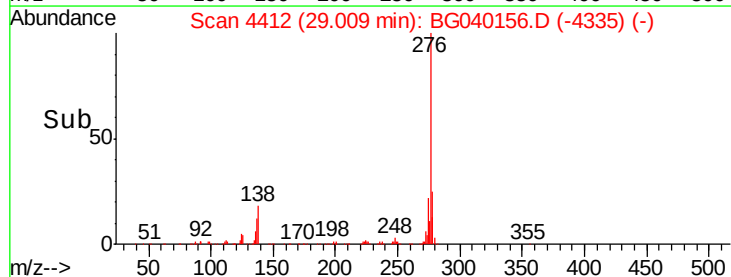
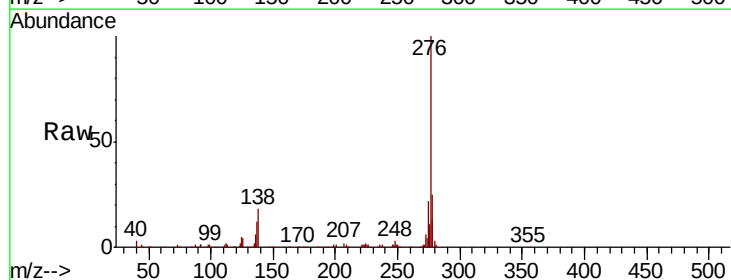
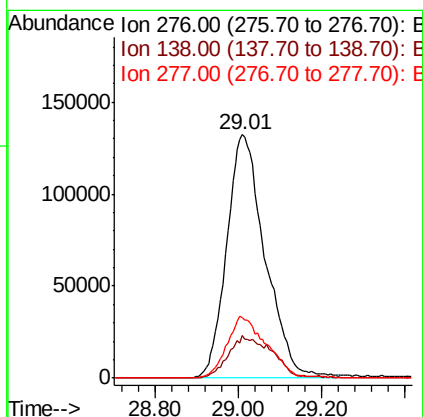
RT: 29.01 min Scan# 4412

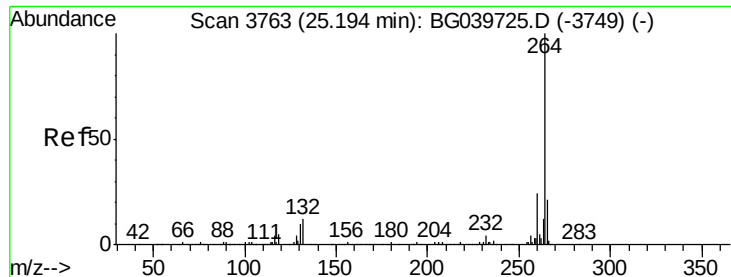
Delta R.T. -0.08 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Tgt Ion:	276	Resp:	847484
Ion Ratio	Lower	Upper	
276	100		
138	19.4	12.6	19.0#
277	25.8	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

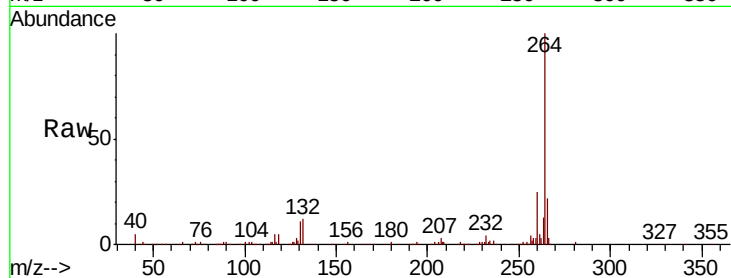
ClientSampled :

PB118294BSD

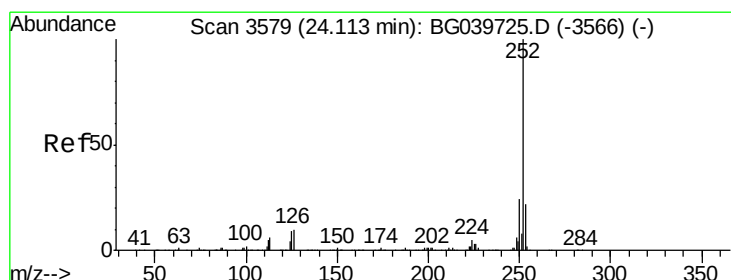
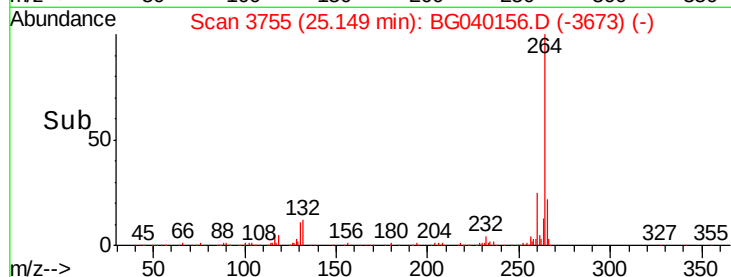
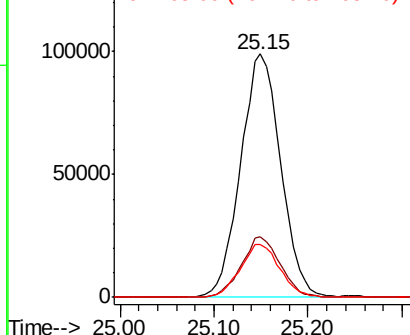
Tot Ion:	264	Resp:	293183
Ion Ratio	Lower	Upper	
264	100		
260	25.0	18.2	27.4
265	21.9	18.5	27.7

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



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



#88

Benzo(b)fluoranthene

Concen: 42.922 ng

RT: 24.07 min Scan# 3572

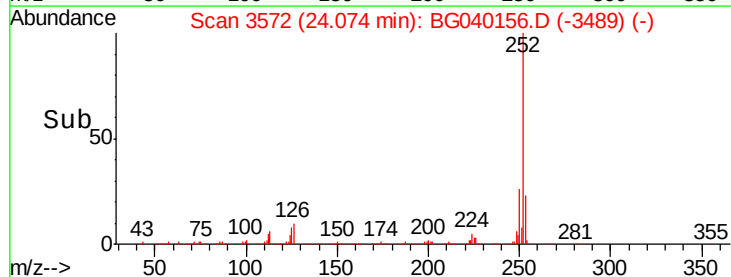
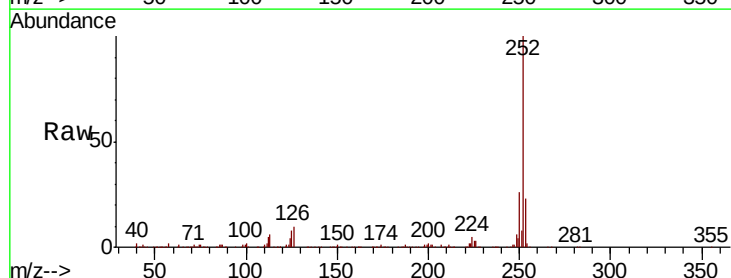
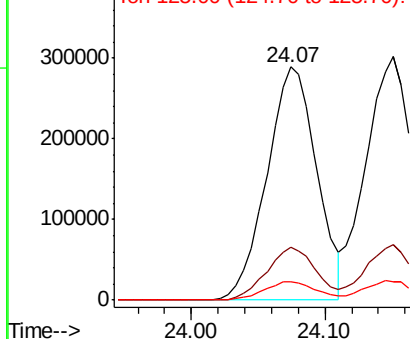
Delta R.T. -0.04 min

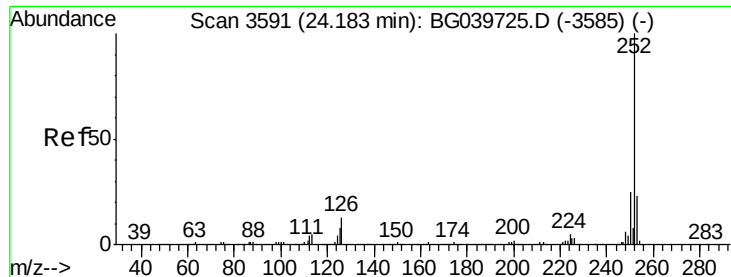
Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Tgt Ion:	252	Resp:	750404
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.8
125	7.7	7.8	11.6#

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





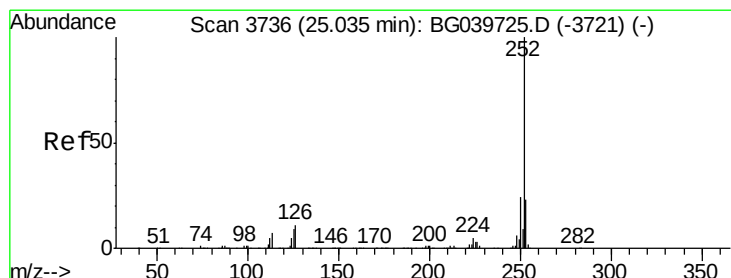
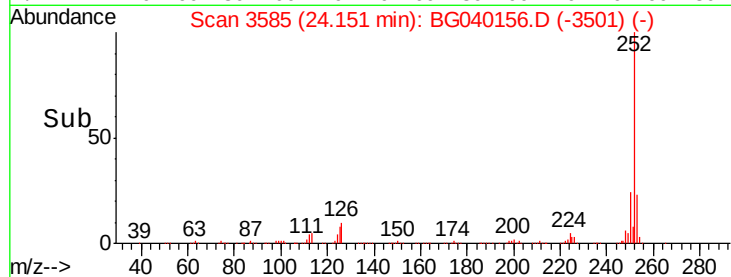
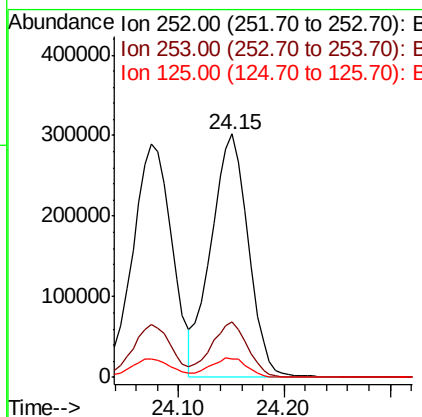
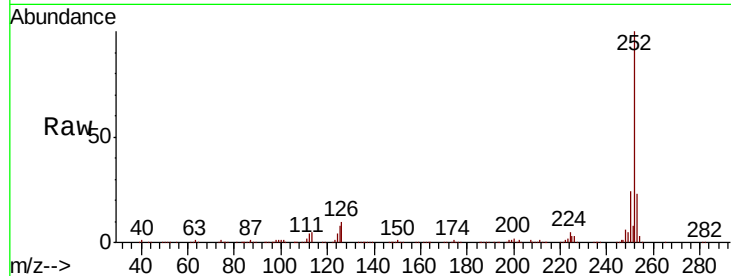
#89
Benzo(k)fluoranthene
Concen: 45.273 ng
RT: 24.15 min Scan# 3585
Delta R.T. -0.04 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	7.6	7.4	11.2

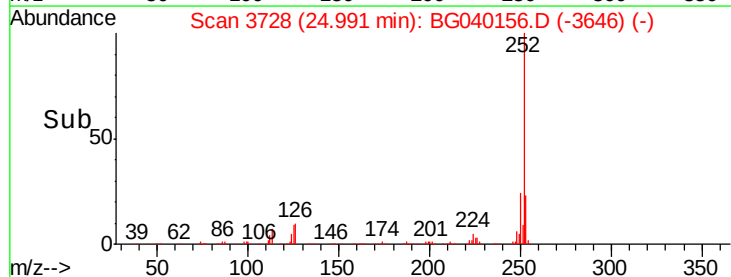
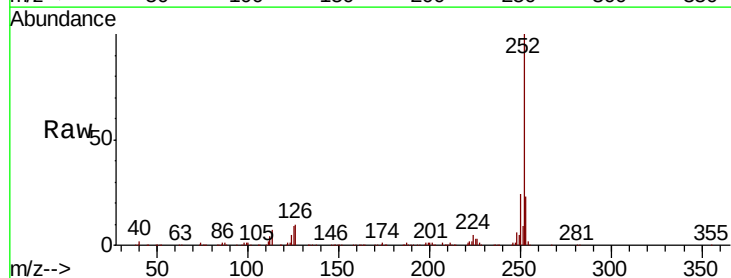
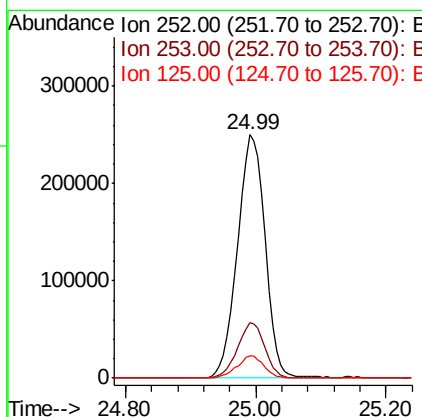
Manual Integrations
APPROVED

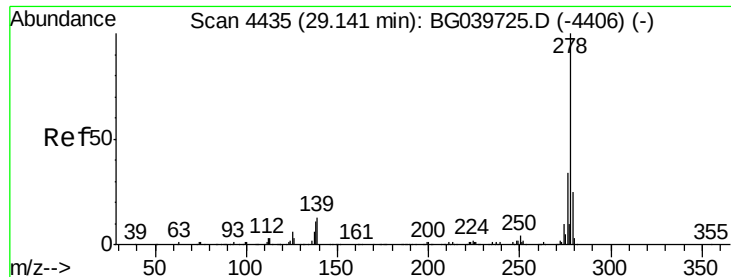
Sohil
3/27/2019 5:30:57 PM



#90
Benzo(a)pyrene
Concen: 45.675 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	9.3	8.3	12.5





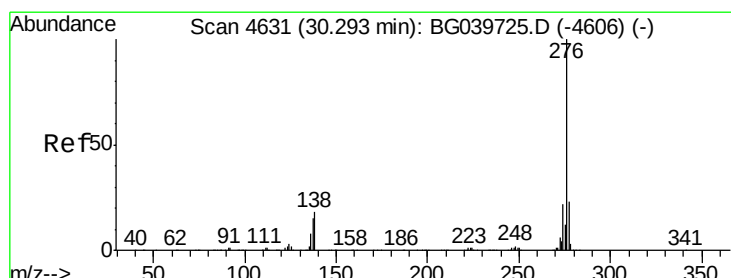
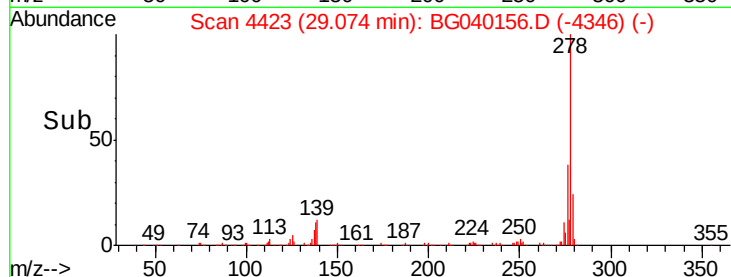
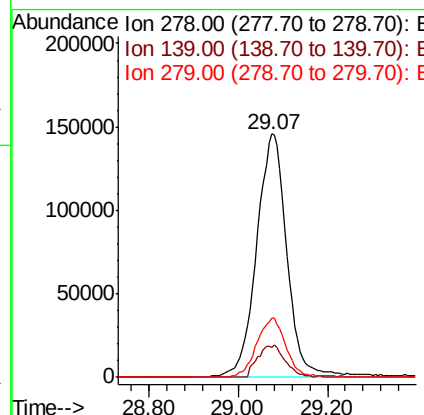
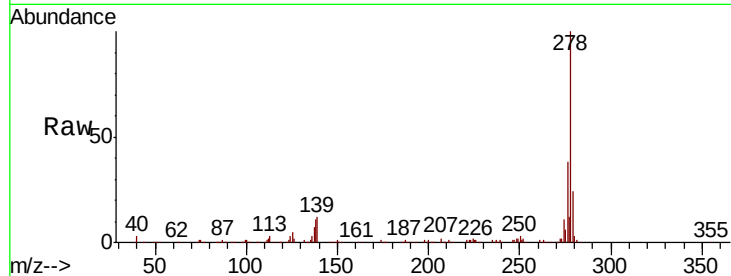
#91
Dibenzo(a,h)anthracene
Concen: 42.997 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.08 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.3	11.7	17.5
279	24.3	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/27/2019 5:30:57 PM



#92
Benzo(g,h,i)perylene
Concen: 43.982 ng
RT: 30.22 min Scan# 4619
Delta R.T. -0.09 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.6	29.4
138	16.3	14.7	22.1

