

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039961.D
 Acq On : 16 Mar 2019 4:33
 Operator : JU/SJ
 Sample : PB117964BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:02:48 PM

Quant Time: Mar 16 05:25:06 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	8.15	152	46580	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	202064	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	129033	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	293386	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	297131	20.00	ng	-0.02
87) Perylene-d12	25.17	264	300107	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	214312	78.49	ng	-0.02
7) Phenol-d6	7.29	99	318930	78.34	ng	-0.02
23) Nitrobenzene-d5	9.32	82	315032	84.32	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	122854	81.69	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	746303	82.35	ng	-0.02
79) Terphenyl-d14	20.11	244	1137940	84.32	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.58	88	48291	38.310 ng	93
3) Pyridine	3.98	79	140156	41.532 ng	99
4) n-Nitrosodimethylamine	3.91	42	68651	42.882 ng	93
6) Aniline	7.47	93	219676	41.186 ng	99
8) 2-Chlorophenol	7.71	128	128759	38.872 ng	95
9) Benzaldehyde	7.29	77	76544	29.147 ng	97
10) Phenol	7.32	94	173427	39.323 ng	97
11) bis(2-Chloroethyl)ether	7.56	93	136064	39.570 ng	99
12) 1,3-Dichlorobenzene	8.03	146	152063	40.590 ng	94
13) 1,4-Dichlorobenzene	8.18	146	152414	39.942 ng	99
14) 1,2-Dichlorobenzene	8.50	146	148063	40.159 ng	99
15) Benzyl Alcohol	8.38	79	132918	41.159 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	277826	40.398 ng	98
17) 2-Methylphenol	8.58	107	115389	41.032 ng	97
18) Hexachloroethane	9.23	117	57185	41.765 ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	114740	39.157 ng	92
20) 3+4-Methylphenols	8.91	107	158699	40.622 ng	98
22) Acetophenone	8.98	105	217745	40.150 ng	# 96
24) Nitrobenzene	9.37	77	168734	43.051 ng	98
25) Isophorone	9.88	82	321367	41.052 ng	98
26) 2-Nitrophenol	10.08	139	82673	43.687 ng	# 93
27) 2,4-Dimethylphenol	10.12	122	134770	45.791 ng	98
28) bis(2-Chloroethoxy)methane	10.36	93	191899	40.338 ng	95
29) 2,4-Dichlorophenol	10.61	162	145582	43.934 ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	157786	42.316 ng	100
31) Naphthalene	11.02	128	445777	41.668 ng	99
32) Benzoic acid	10.27	122	77284	39.585 ng	97
33) 4-Chloroaniline	11.13	127	195361	43.063 ng	97
34) Hexachlorobutadiene	11.28	225	107870	42.335 ng	97
35) Caprolactam	11.91	113	46009m	36.347 ng	
36) 4-Chloro-3-methylphenol	12.23	107	153615	40.440 ng	95
37) 2-Methylnaphthalene	12.61	142	335861	41.991 ng	98
38) 1-Methylnaphthalene	12.83	142	312584	40.214 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	189674	43.391 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039961.D
 Acq On : 16 Mar 2019 4:33
 Operator : JU/SJ
 Sample : PB117964BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:02:48 PM

Quant Time: Mar 16 05:25:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	267367	114.132	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	119388	46.650	ng	96
44) 2,4,5-Trichlorophenol	13.28	196	127322	44.137	ng	99
46) 1,1'-Biphenyl	13.61	154	440420	41.499	ng	100
47) 2-Chloronaphthalene	13.66	162	337799	42.310	ng	99
48) 2-Nitroaniline	13.86	65	114031	44.443	ng	98
49) Acenaphthylene	14.50	152	536399	40.926	ng	99
50) Dimethylphthalate	14.22	163	433622	40.189	ng	100
51) 2,6-Dinitrotoluene	14.35	165	96121	42.023	ng	100
52) Acenaphthene	14.84	154	322255	40.852	ng	98
53) 3-Nitroaniline	14.69	138	94760	41.213	ng	# 94
54) 2,4-Dinitrophenol	14.89	184	101530	71.017	ng	98
55) Dibenzofuran	15.17	168	529204	40.889	ng	99
56) 4-Nitrophenol	14.98	139	150212	73.030	ng	93
57) 2,4-Dinitrotoluene	15.14	165	132748	41.303	ng	88
58) Fluorene	15.82	166	409660	40.263	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	119942	42.574	ng	98
60) Diethylphthalate	15.57	149	423352	39.636	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	220883	40.683	ng	98
62) 4-Nitroaniline	15.85	138	99087	39.751	ng	97
63) Azobenzene	16.10	77	396871	40.991	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	79369	45.754	ng	98
66) n-Nitrosodiphenylamine	16.02	169	368231	43.354	ng	97
67) 4-Bromophenyl-phenylether	16.70	248	141735	43.160	ng	98
68) Hexachlorobenzene	16.81	284	142241	41.786	ng	97
69) Atrazine	16.96	200	115462	34.541	ng	97
70) Pentachlorophenol	17.16	266	172427	80.205	ng	99
71) Phenanthrene	17.57	178	653625	40.447	ng	99
72) Anthracene	17.65	178	671819	42.661	ng	99
73) Carbazole	17.92	167	565203	39.812	ng	99
74) Di-n-butylphthalate	18.45	149	685357	41.031	ng	100
75) Fluoranthene	19.56	202	769649	40.299	ng	99
77) Benzidine	19.75	184	722044	76.578	ng	99
78) Pyrene	19.93	202	769006	39.829	ng	99
80) Butylbenzylphthalate	20.79	149	326786	43.686	ng	94
81) Benzo(a)anthracene	21.79	228	760748	40.852	ng	100
82) 3,3'-Dichlorobenzidine	21.70	252	279656	41.133	ng	100
83) Chrysene	21.85	228	715762	39.647	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	452180	43.017	ng	99
85) Di-n-octyl phthalate	22.90	149	773864	44.462	ng	96
86) Indeno(1,2,3-cd)pyrene	29.04	276	847551	41.383	ng	# 96
88) Benzo(b)fluoranthene	24.09	252	741603	41.440	ng	98
89) Benzo(k)fluoranthene	24.16	252	727974	43.700	ng	98
90) Benzo(a)pyrene	25.01	252	730138	44.152	ng	98
91) Dibenzo(a,h)anthracene	29.11	278	686103	42.321	ng	97
92) Benzo(g,h,i)perylene	30.26	276	705183	43.310	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Instrument :

BNA_G

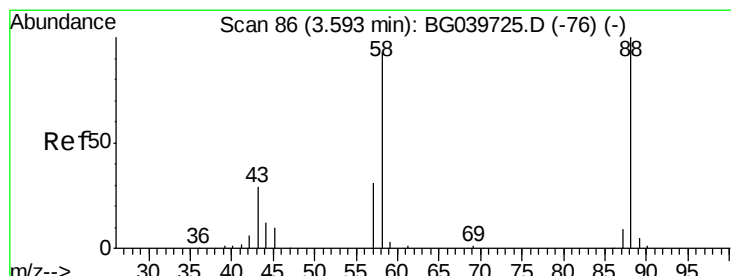
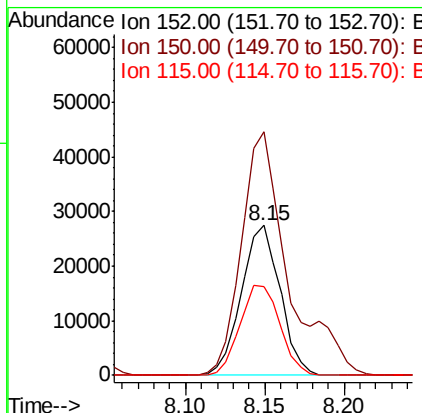
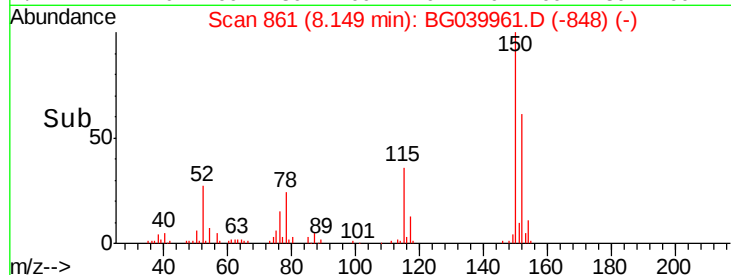
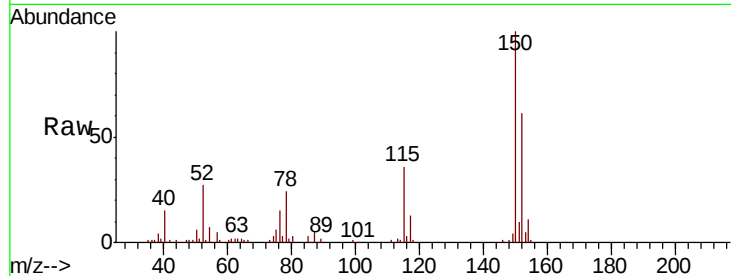
ClientSampleId :

PB117964BSD

Tot Ion:	152	Resp:	46580
Ion	Ratio	Lower	Upper
152	100		
150	162.7	123.7	185.5
115	59.2	45.9	68.9

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#2

1,4-Dioxane

Concen: 38.310 ng

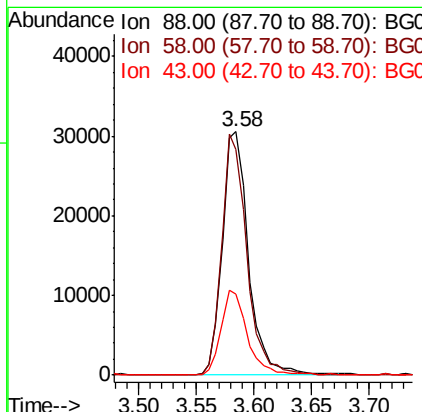
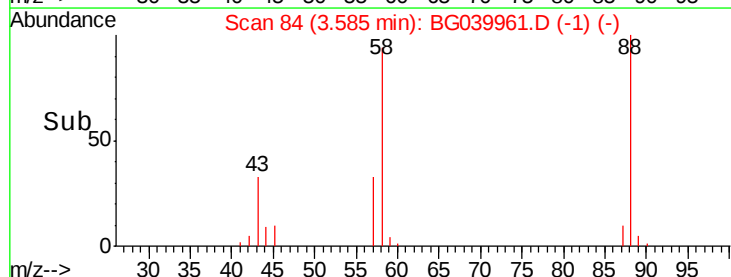
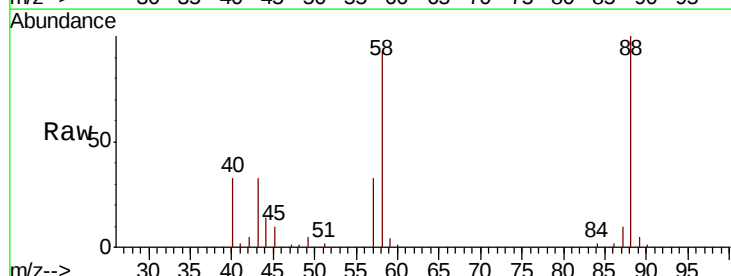
RT: 3.58 min Scan# 84

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Tgt Ion:	88	Resp:	48291
Ion	Ratio	Lower	Upper
88	100		
58	94.2	81.1	121.7
43	34.8	31.4	47.0





#3

Pvridine

Concen: 41.532 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Instrument :

BNA_G

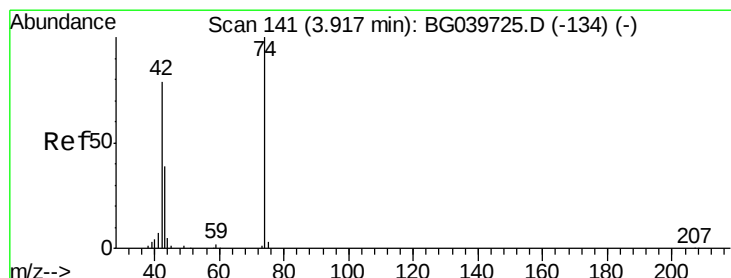
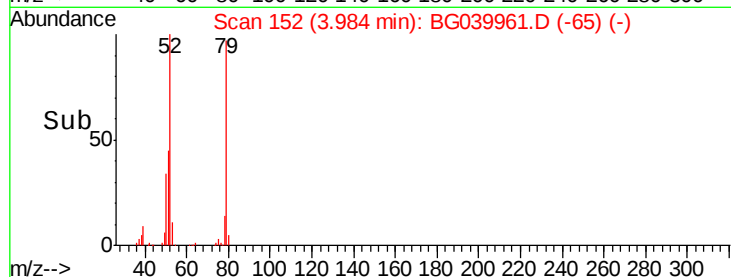
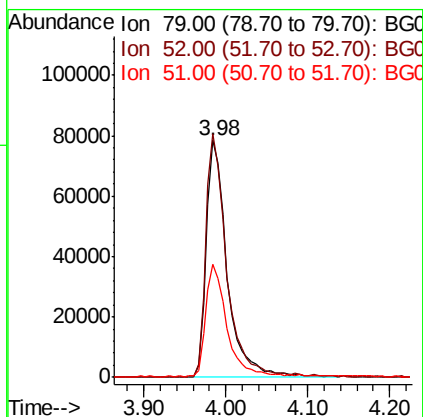
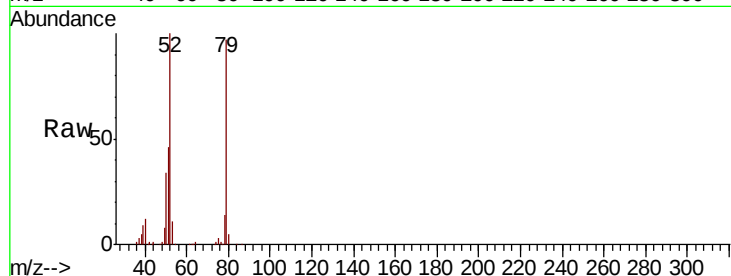
ClientSampleId :

PB117964BSD

Tot Ion:	79	Resp:	140156
Ion Ratio	Lower	Upper	
79	100		
52	102.7	82.6	124.0
51	47.5	37.5	56.3

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#4

n-Nitrosodimethylamine

Concen: 42.882 ng

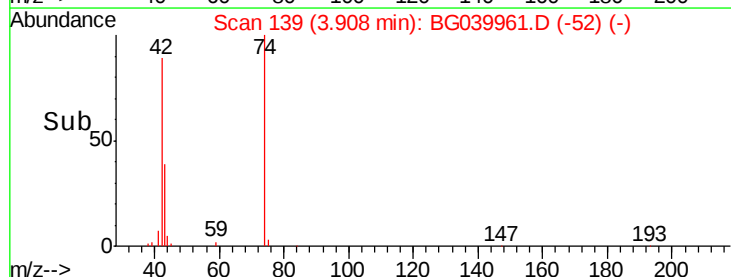
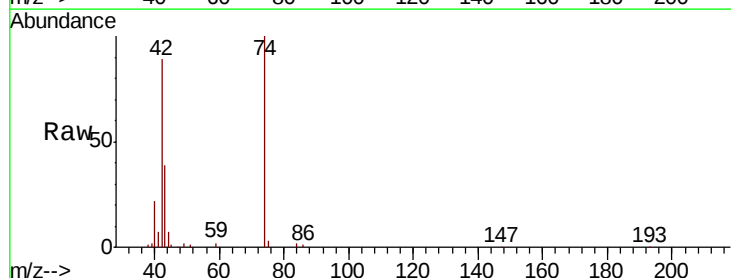
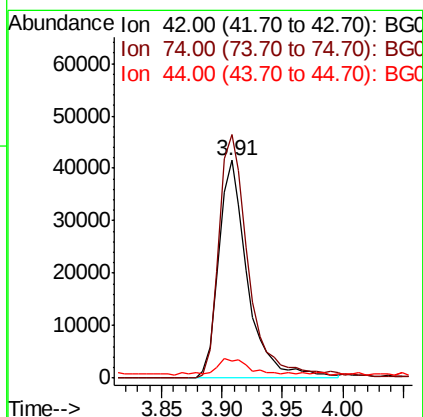
RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Tgt Ion:	42	Resp:	68651
Ion Ratio	Lower	Upper	
42	100		
74	111.8	83.6	125.4
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 78.493 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Instrument :

BNA_G

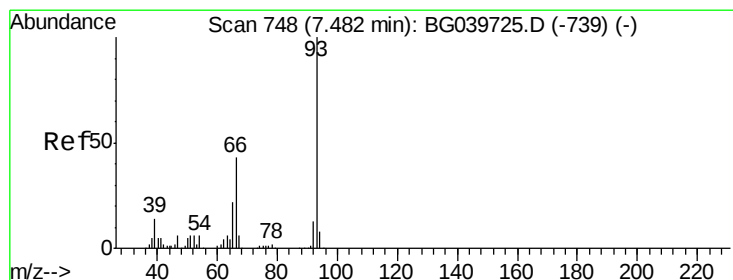
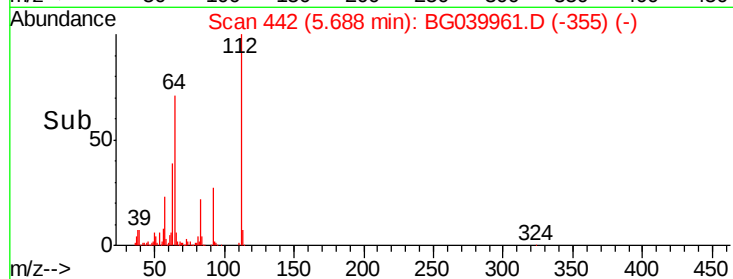
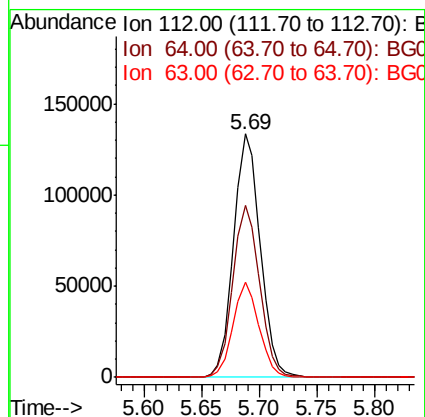
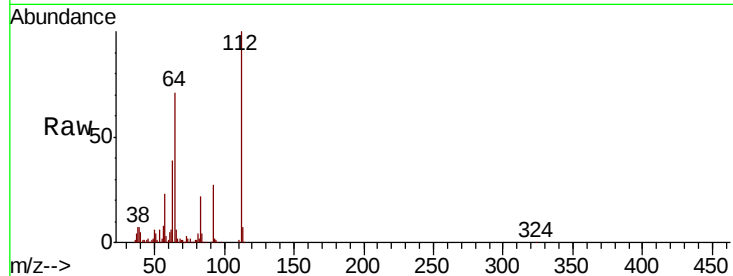
ClientSampleId :

PB117964BSD

Tot Ion:	112	Resp:	214312
Ion Ratio	Lower	Upper	
112	100		
64	70.8	57.8	86.8
63	38.8	29.8	44.6

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#6

Aniline

Concen: 41.186 ng

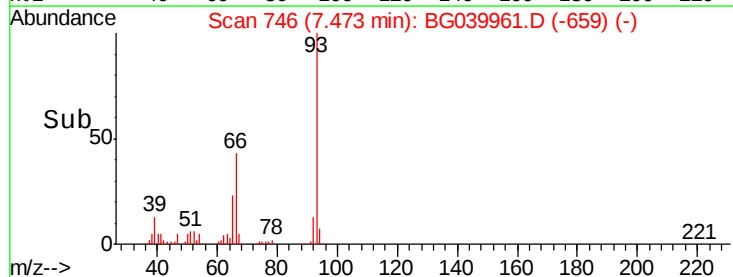
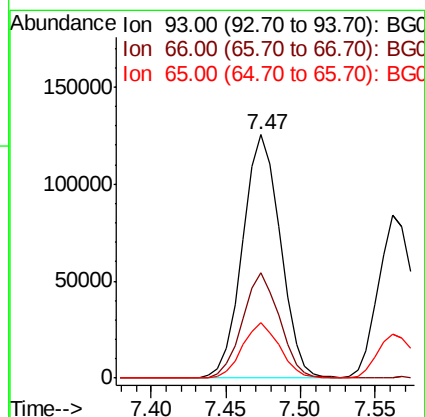
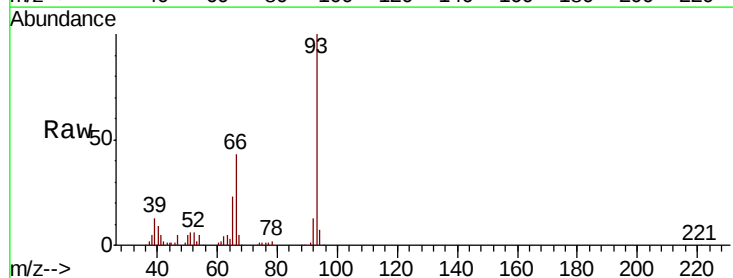
RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Tgt Ion:	93	Resp:	219676
Ion Ratio	Lower	Upper	
93	100		
66	43.0	34.2	51.4
65	22.6	17.7	26.5





#7

Phenol-d6

Concen: 78.340 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Instrument :

BNA_G

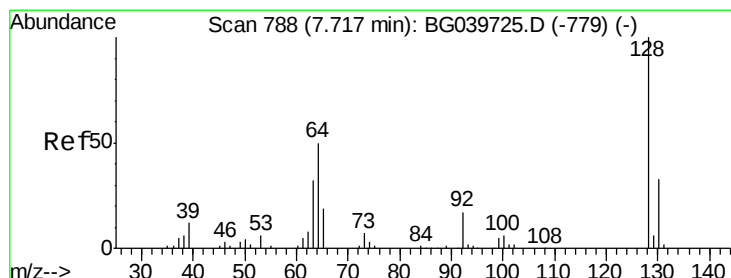
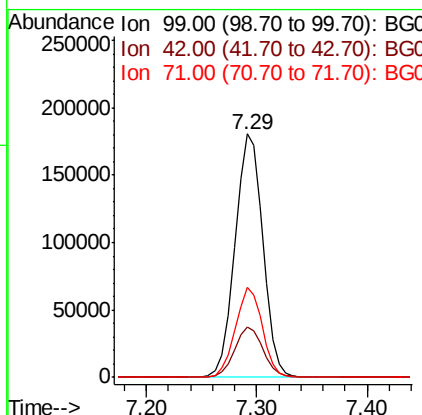
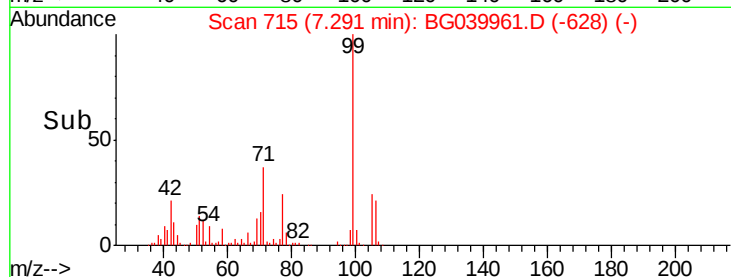
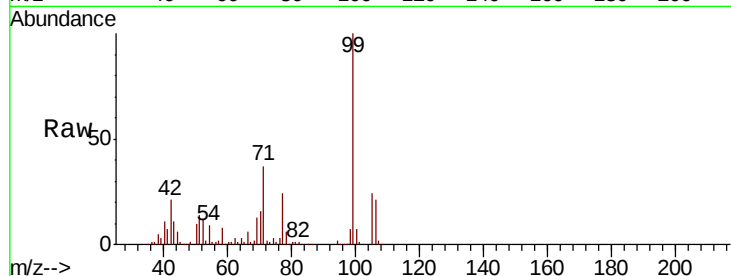
ClientSampleId :

PB117964BSD

Tot Ion:	99	Resp:	318930
Ion Ratio	Lower	Upper	
99	100		
42	20.6	18.2	27.2
71	37.2	28.0	42.0

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#8

2-Chlorophenol

Concen: 38.872 ng

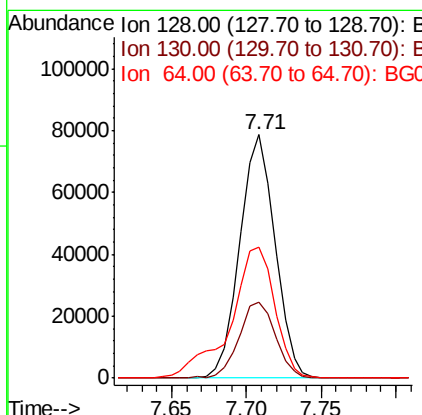
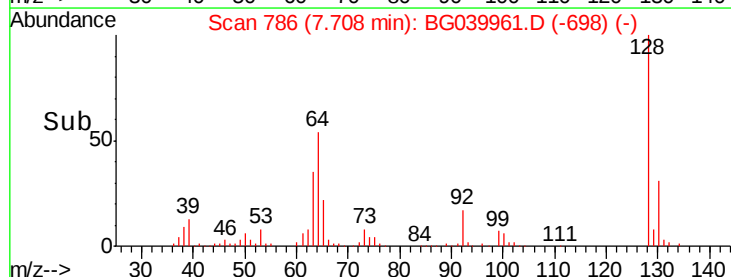
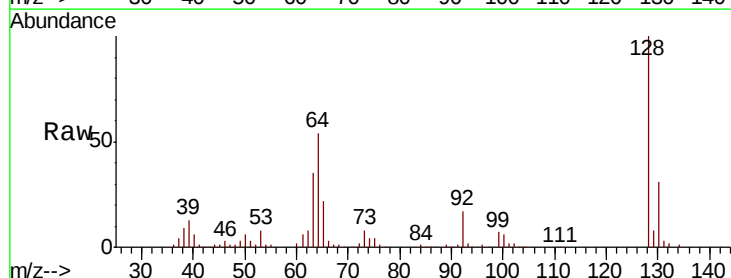
RT: 7.71 min Scan# 786

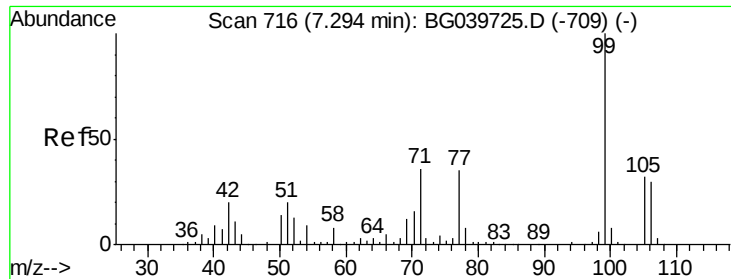
Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Tgt Ion:	128	Resp:	128759
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.9	52.9
64	53.6	38.7	78.7





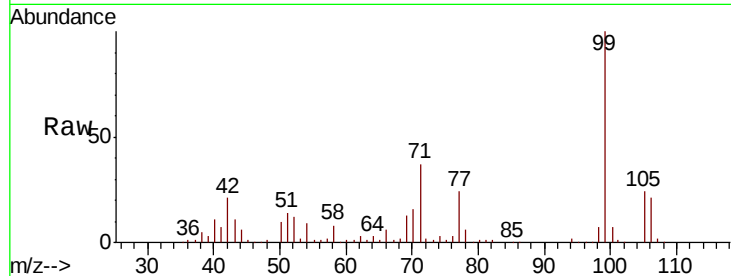
#9
Benzaldehyde
Concen: 29.147 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

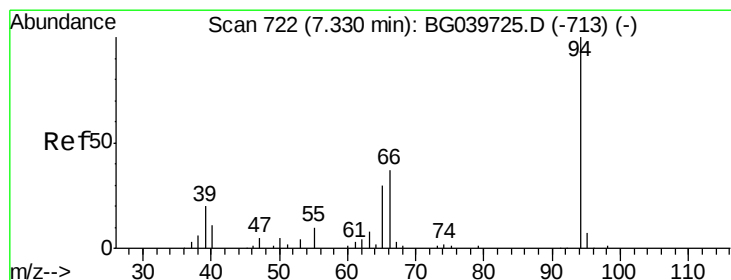
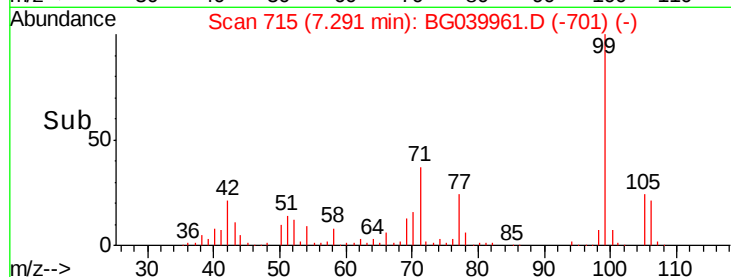
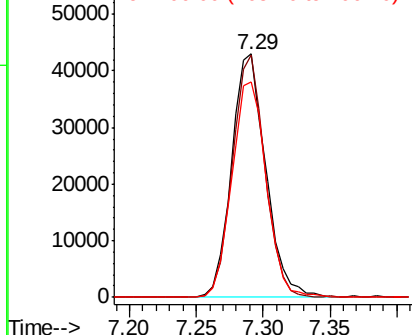
Tot Ion	Ratio	Lower	Upper
77	100		
105	99.3	74.5	114.5
106	88.4	68.0	108.0

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM

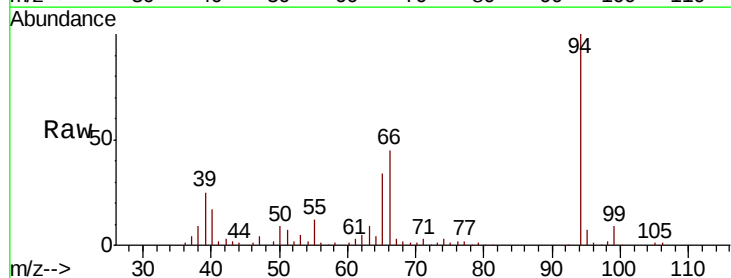


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

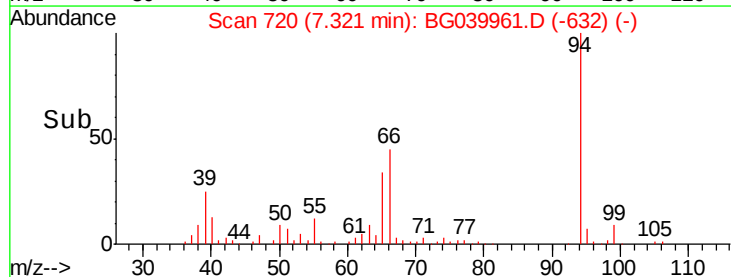
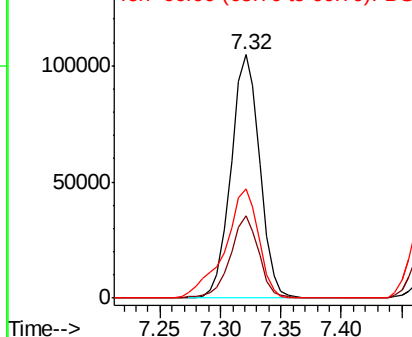


#10
Phenol
Concen: 39.323 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.8	11.7	51.7
66	44.9	23.7	63.7



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





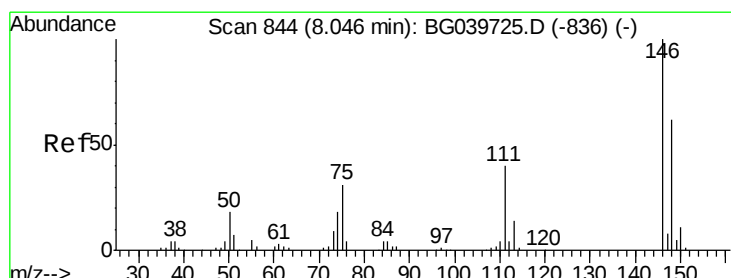
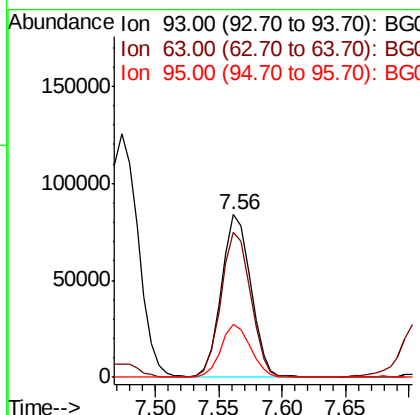
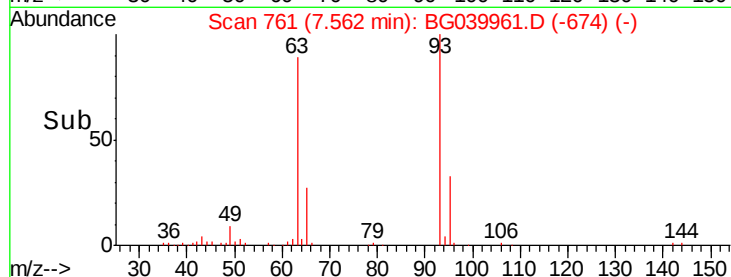
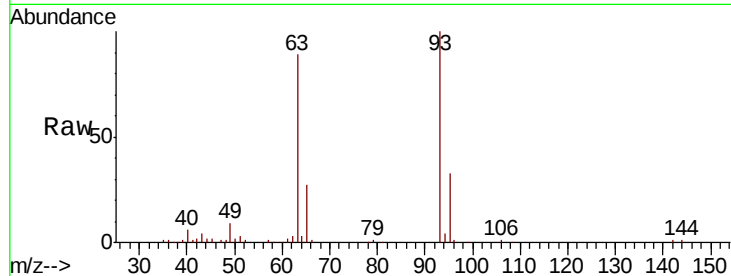
#11
bis(2-Chloroethyl)ether
Concen: 39.570 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.8	69.5	109.5
95	32.6	12.7	52.7

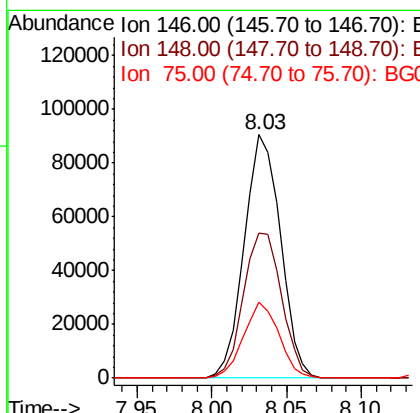
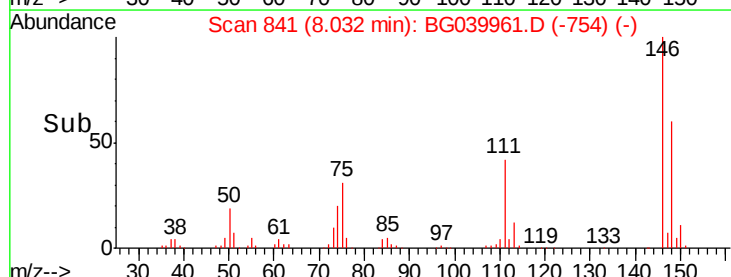
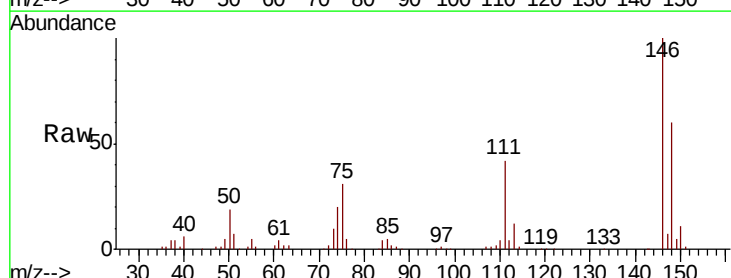
Manual Integrations
APPROVED

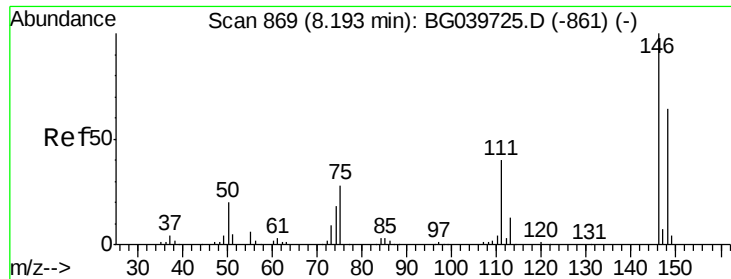
Sohil
3/18/2019 3:02:48 PM



#12
1,3-Dichlorobenzene
Concen: 40.590 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.6	52.6	79.0
75	31.2	25.8	38.6





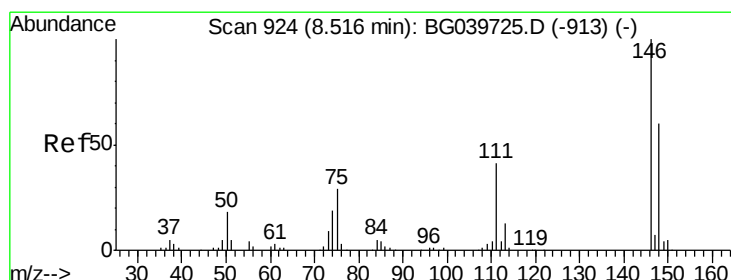
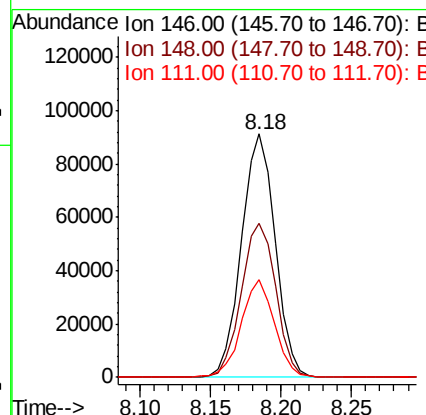
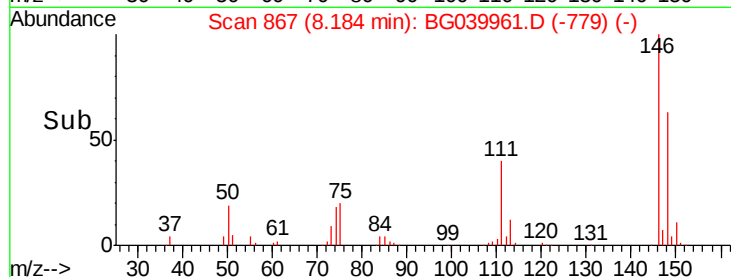
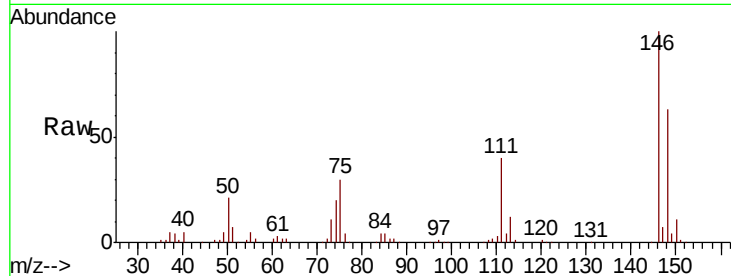
#13
 1,4-Dichlorobenzene
 Concen: 39.942 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	40.0	32.6	48.8

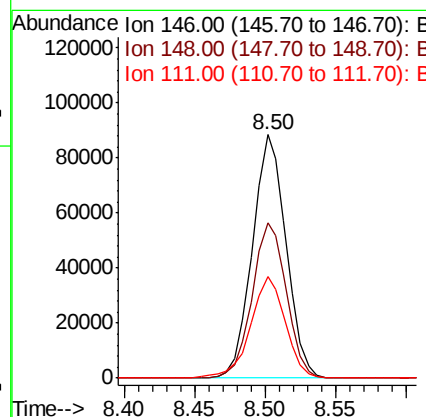
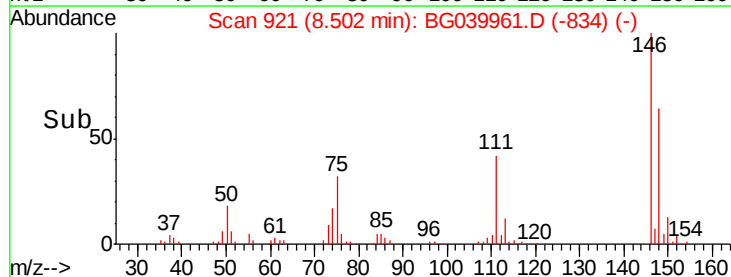
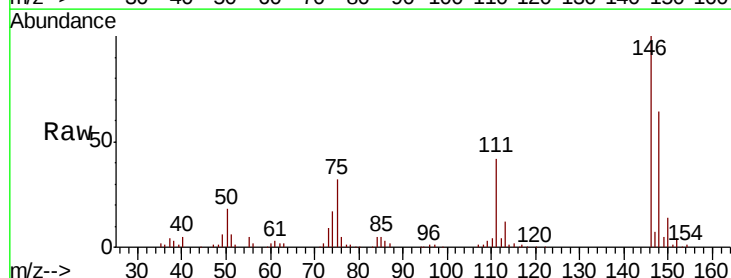
Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:02:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.159 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.5	77.3
111	41.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.159 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Instrument :

BNA_G

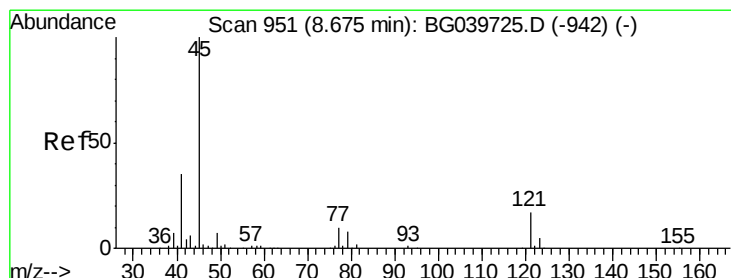
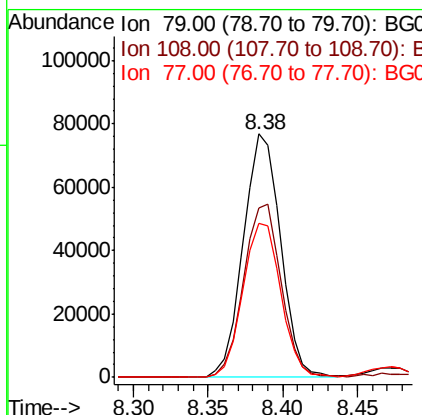
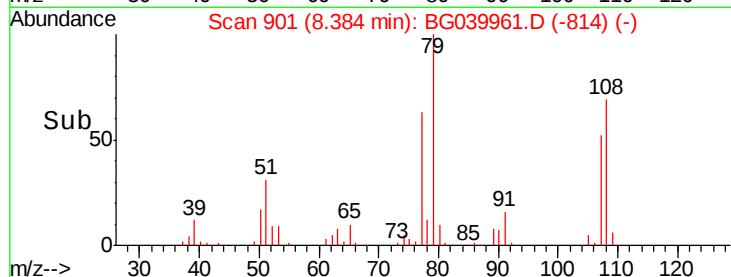
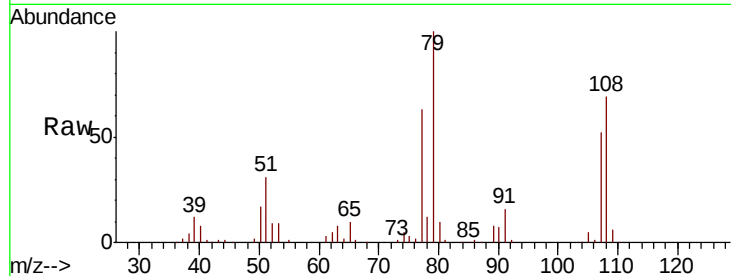
ClientSampled :

PB117964BSD

Tot Ion:	79	Resp:	132918
Ion Ratio	Lower	Upper	
79	100		
108	69.4	57.8	86.6
77	63.0	51.1	76.7

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.398 ng

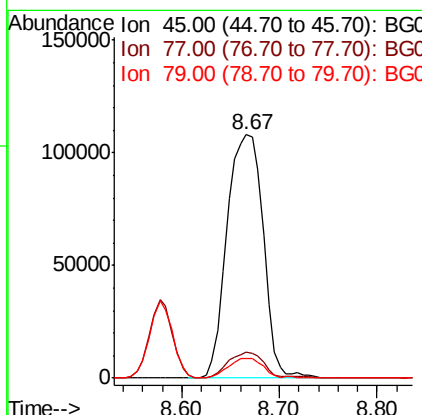
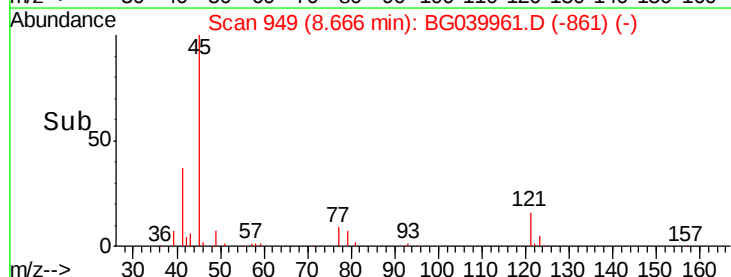
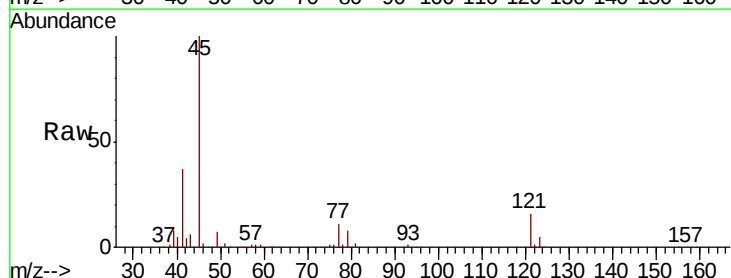
RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Tgt Ion:	45	Resp:	277826
Ion Ratio	Lower	Upper	
45	100		
77	10.6	0.0	30.0
79	8.3	0.0	27.5





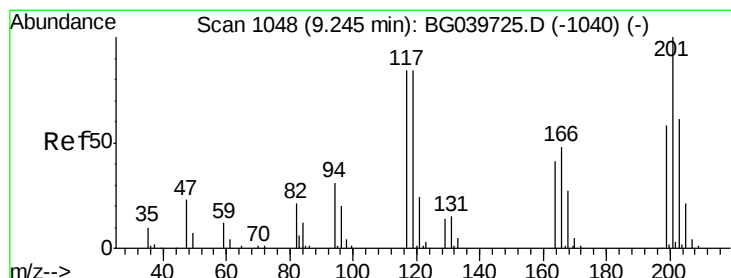
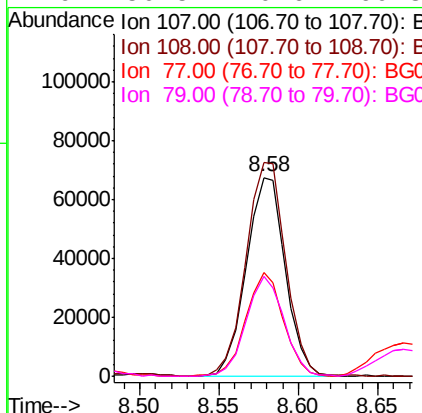
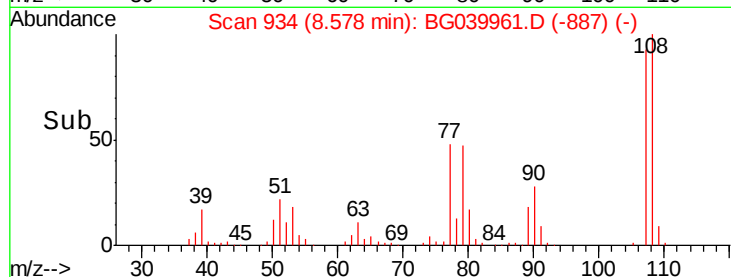
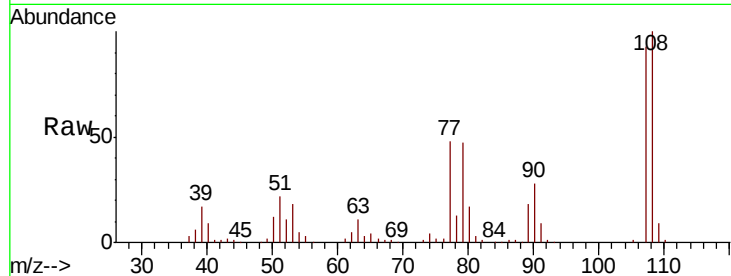
#17
2-Methylphenol
Concen: 41.032 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampled :
PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.6	90.8	136.2	
77	52.1	40.7	61.1	
79	50.5	40.6	60.8	

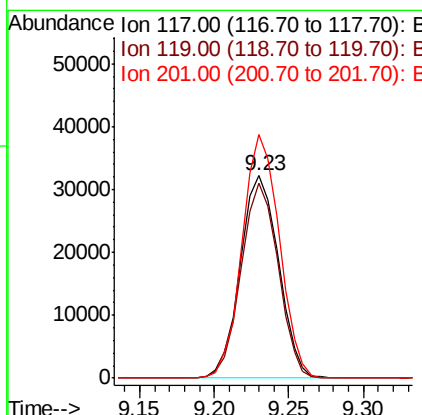
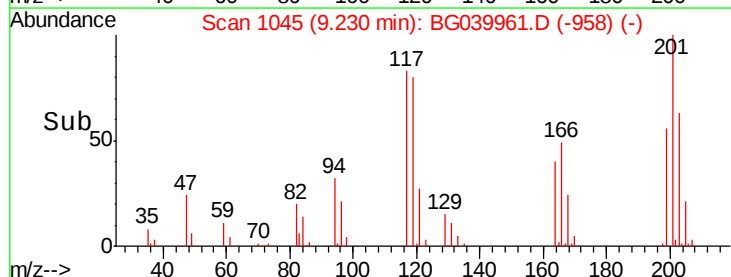
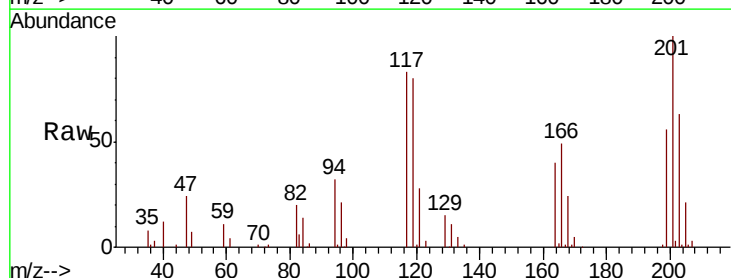
Manual Integrations
APPROVED

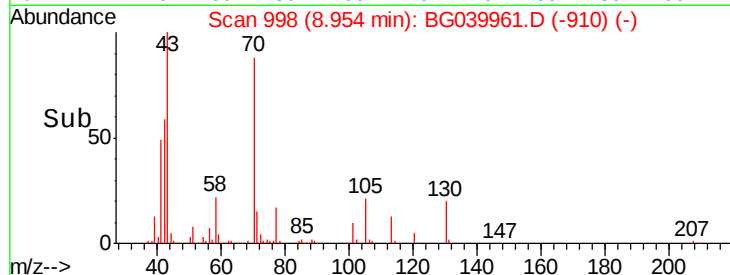
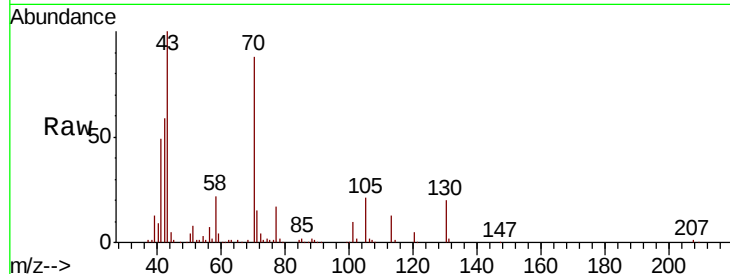
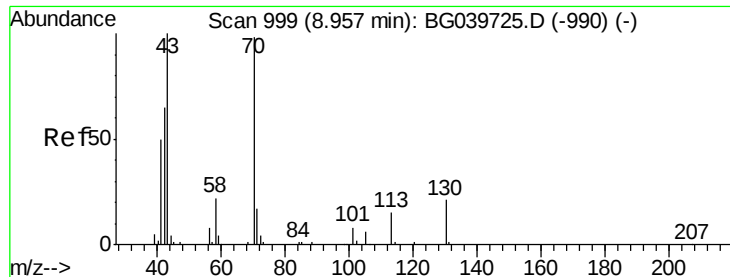
Sohil
3/18/2019 3:02:48 PM



#18
Hexachloroethane
Concen: 41.765 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	76.3	114.5	
201	120.5	91.1	136.7	





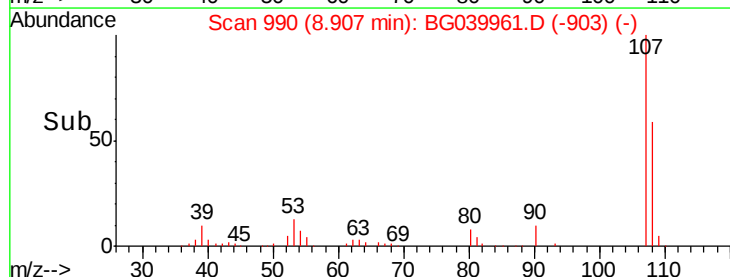
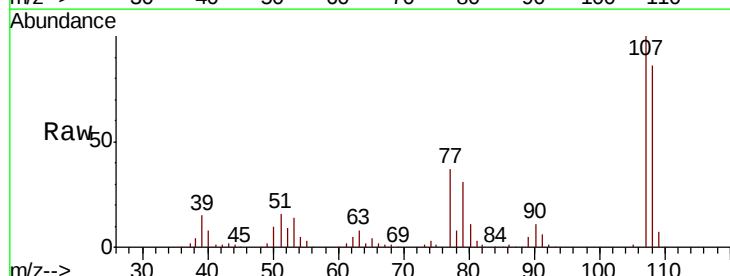
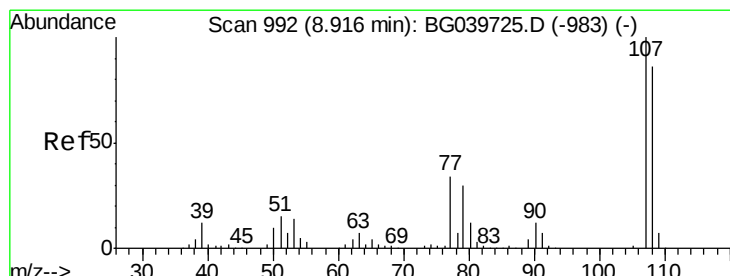
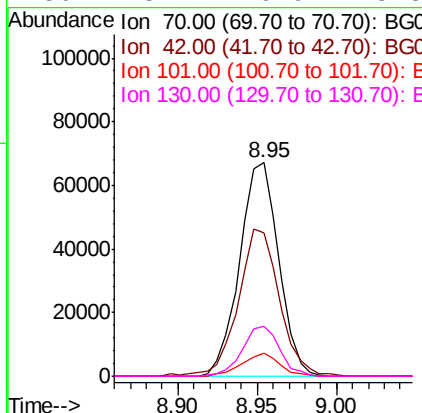
#19
n-Nitroso-di-n-propylamine
Concen: 39.157 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampled :
PB117964BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.9	60.4	90.6	
101	10.9	7.5	11.3	
130	23.1	16.9	25.3	

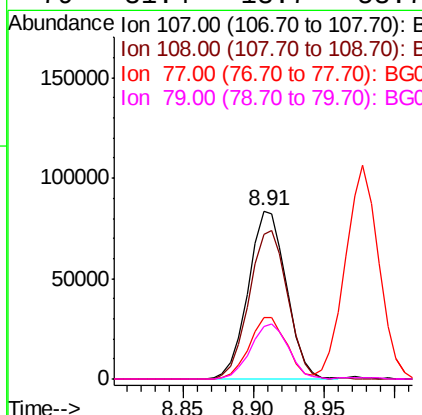
Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#20
3+4-Methylphenols
Concen: 40.622 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	67.9	107.9	
77	36.8	15.4	55.4	
79	31.4	13.7	53.7	





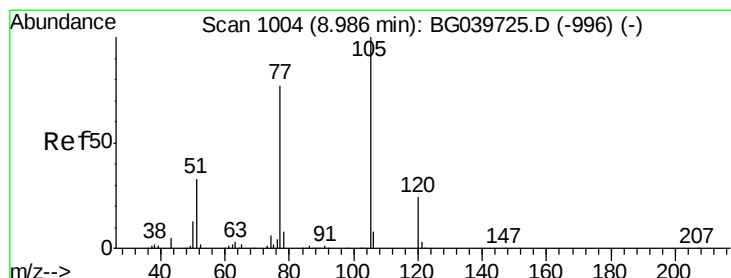
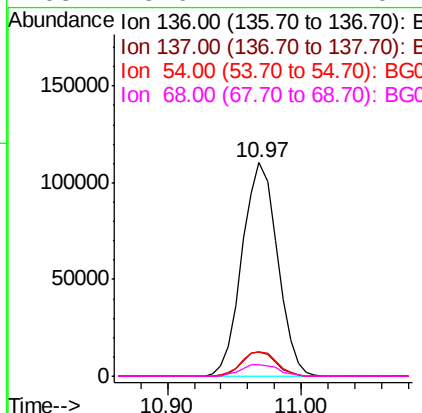
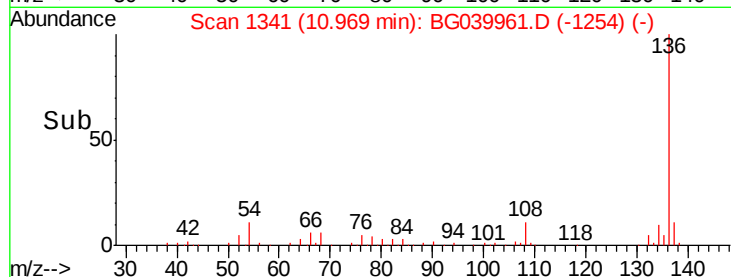
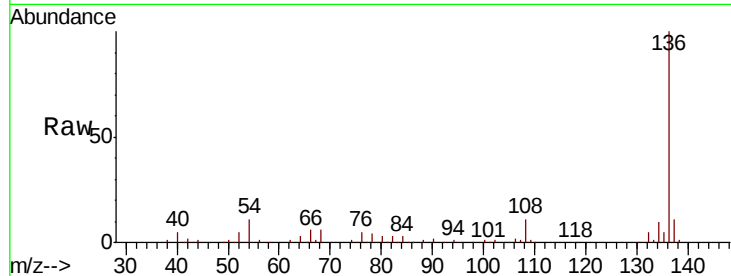
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	11.1	9.4	14.2	
68	5.6	4.2	6.4	

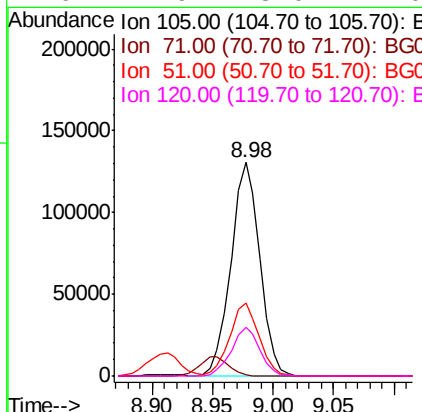
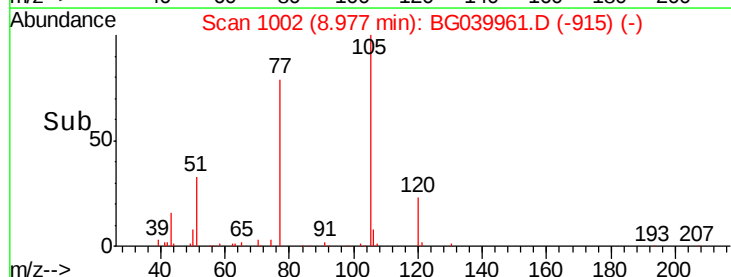
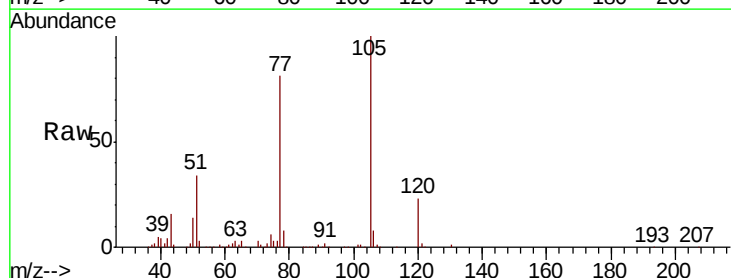
Manual Integrations
APPROVED

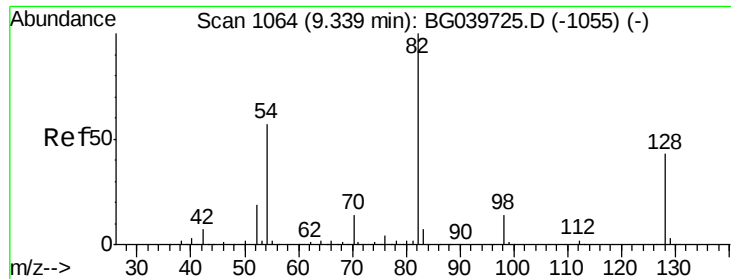
Sohil
3/18/2019 3:02:48 PM



#22
Acetophenone
Concen: 40.150 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.6	0.8	1.2#	
51	34.3	30.2	45.2	
120	22.9	18.0	27.0	





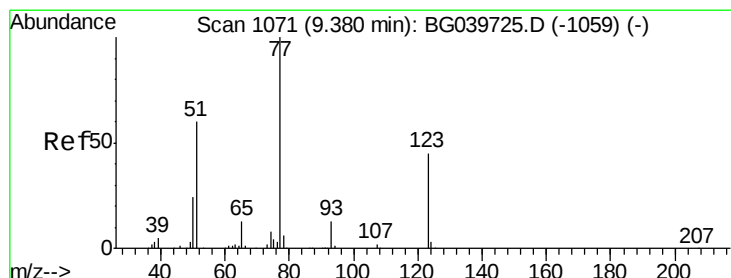
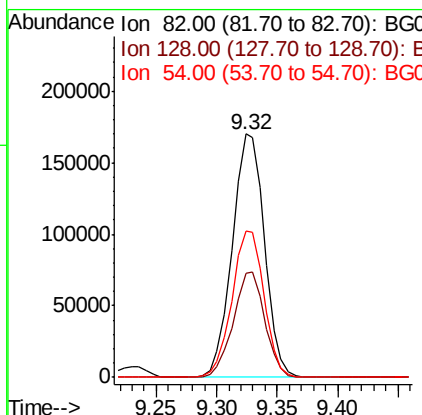
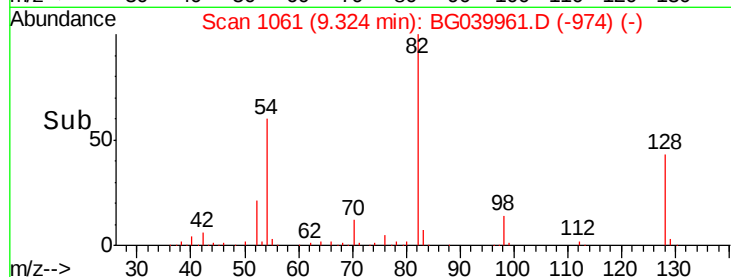
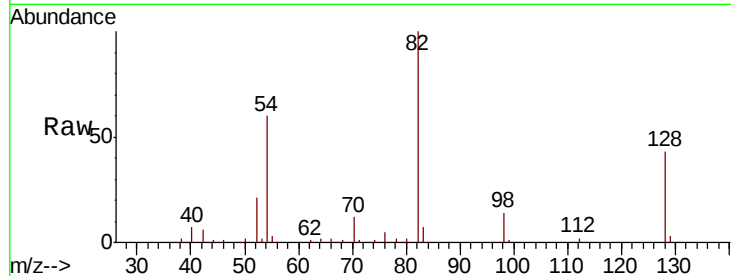
#23
Nitrobenzene-d5
Concen: 84.321 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampled :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	60.1	50.9	76.3

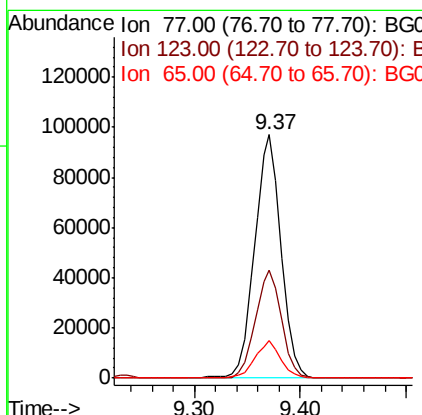
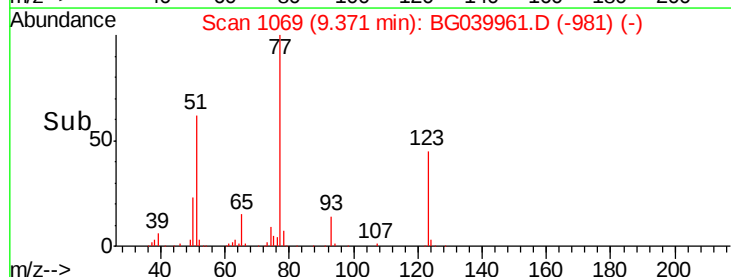
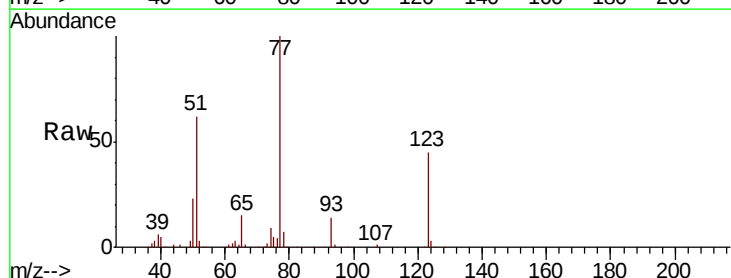
Manual Integrations
APPROVED

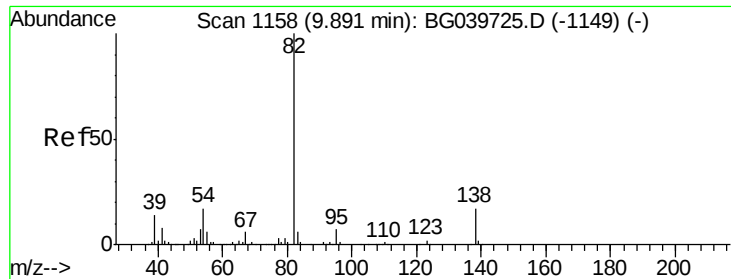
Sohil
3/18/2019 3:02:48 PM



#24
Nitrobenzene
Concen: 43.051 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	34.1	51.1
65	15.4	12.3	18.5





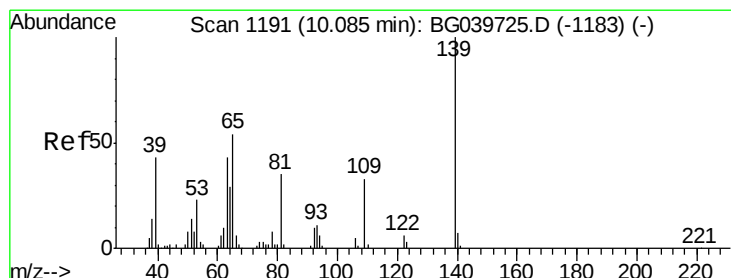
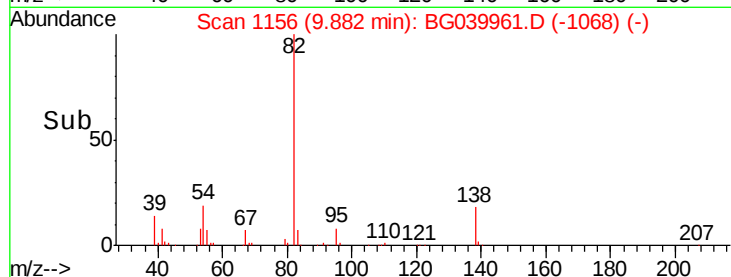
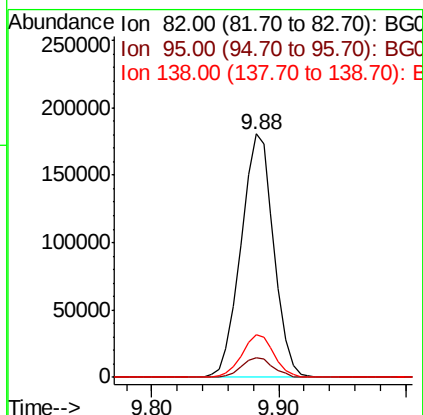
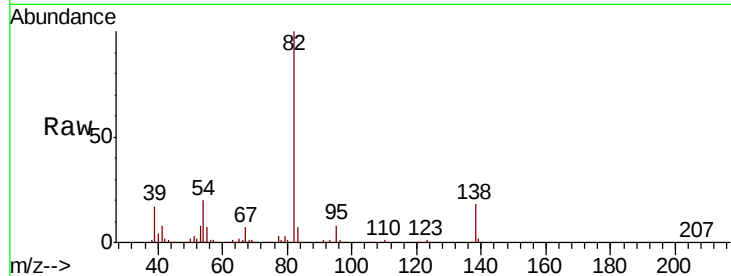
#25
Isophorone
Concen: 41.052 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	321367		
95	7.9		6.2	9.2
138	17.6		13.0	19.4

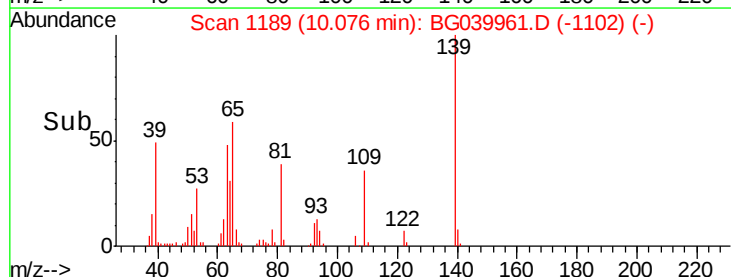
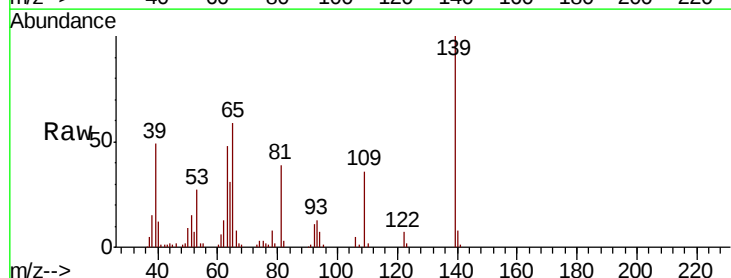
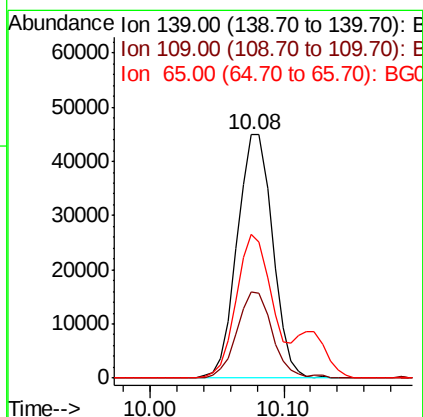
Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#26
2-Nitrophenol
Concen: 43.687 ng
RT: 10.08 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	82673		
109	35.5		23.4	35.0#
65	59.0		44.3	66.5





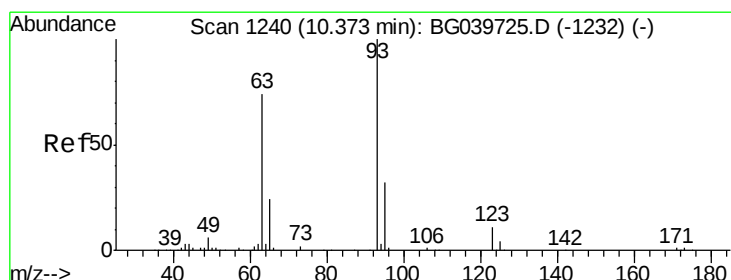
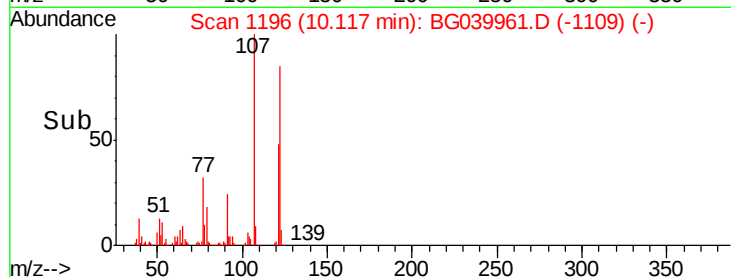
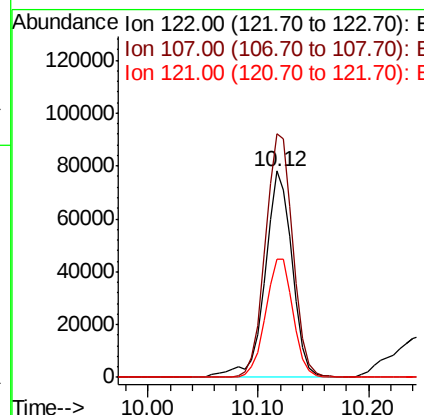
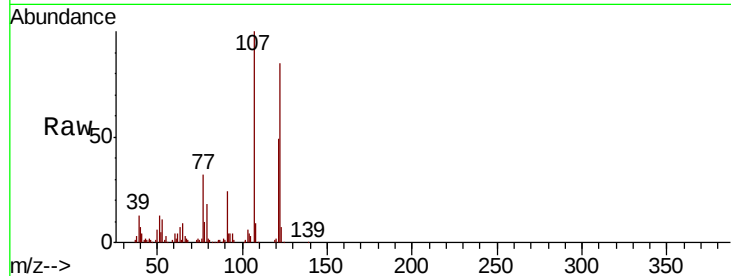
#27
 2,4-Dimethylphenol
 Concen: 45.791 ng
 RT: 10.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	134770		
107	118.1	91.7	137.5	
121	57.3	46.4	69.6	

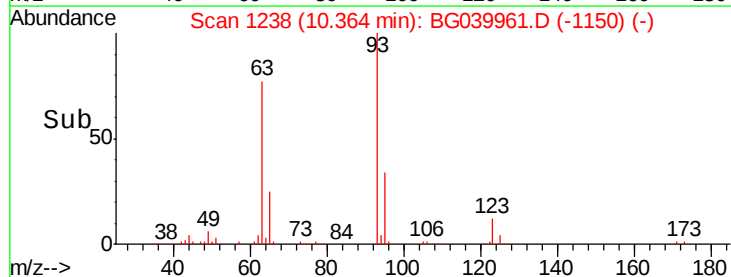
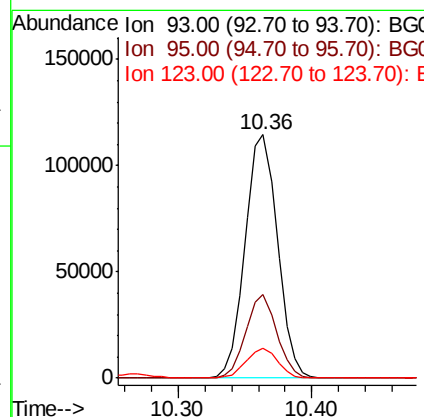
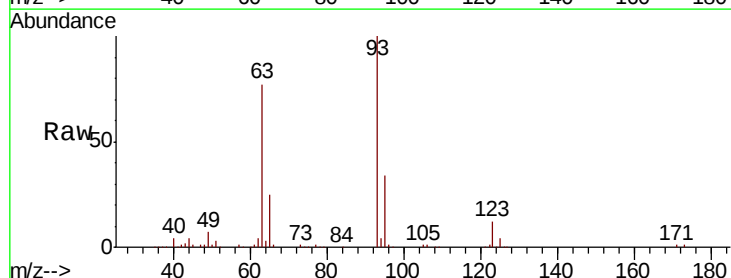
Manual Integrations
 APPROVED

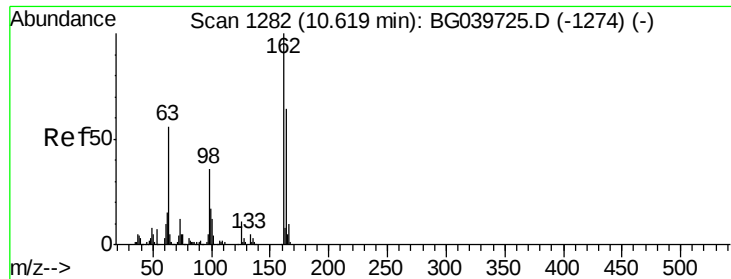
Sohil
 3/18/2019 3:02:48 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.338 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	191899		
95	34.5	25.0	37.4	
123	12.2	8.6	12.8	





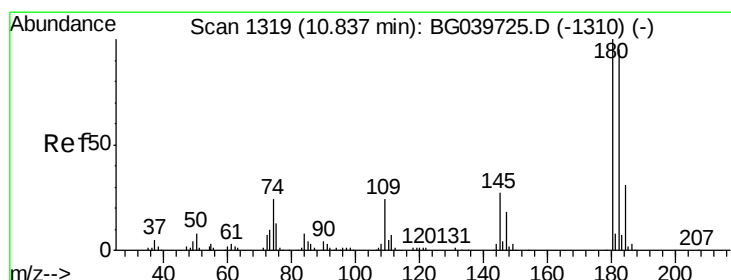
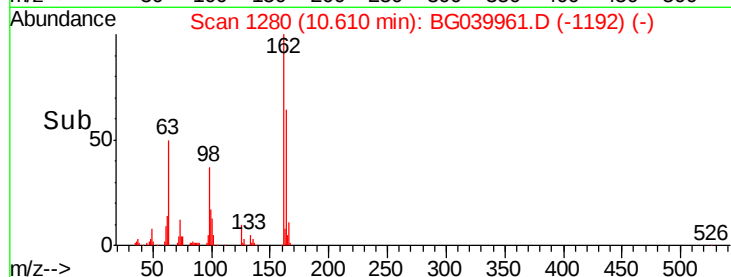
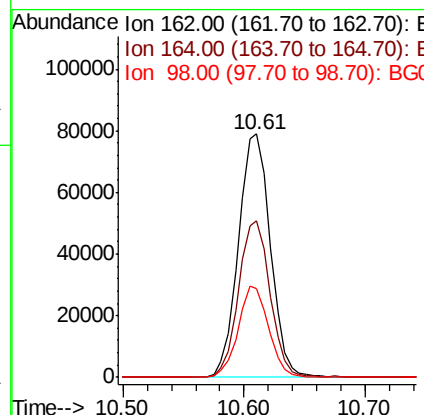
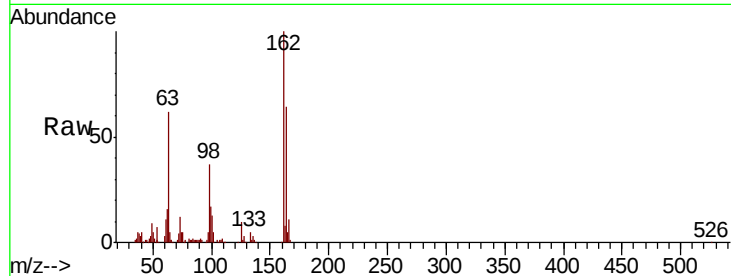
#29
 2,4-Dichlorophenol
 Concen: 43.934 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	145582		
164	64.5	48.1	88.1	
98	36.7	18.1	58.1	

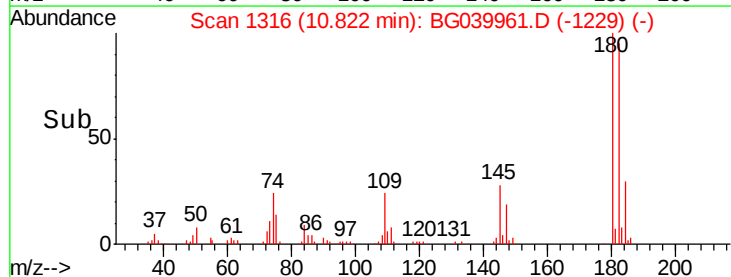
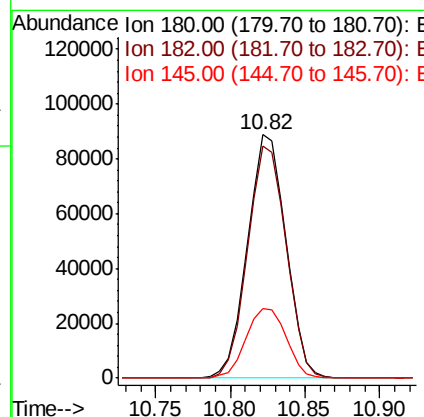
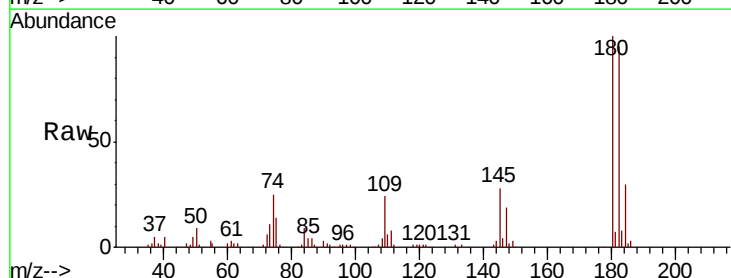
Manual Integrations
 APPROVED

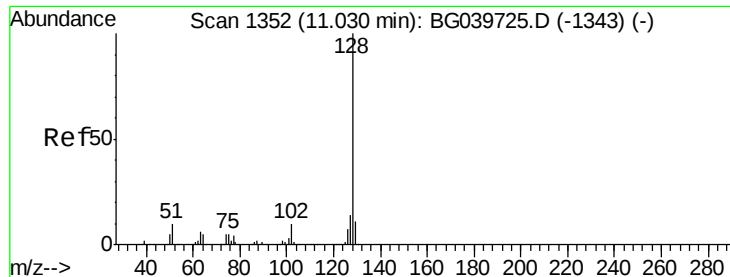
Sohil
 3/18/2019 3:02:48 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.316 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	157786		
182	95.3	76.0	114.0	
145	28.3	22.7	34.1	





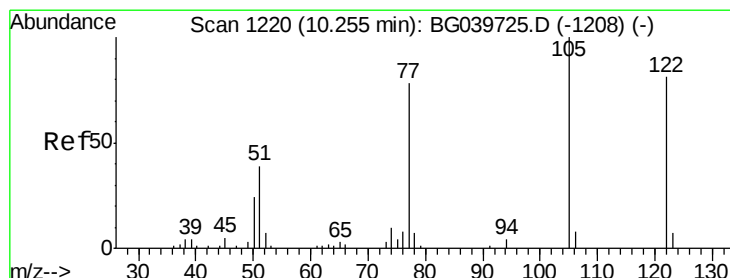
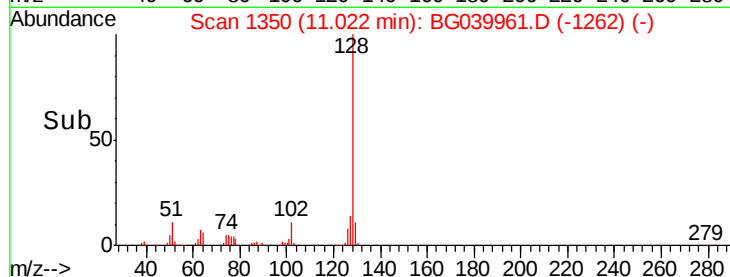
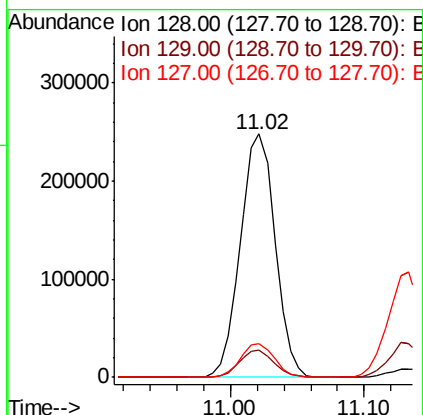
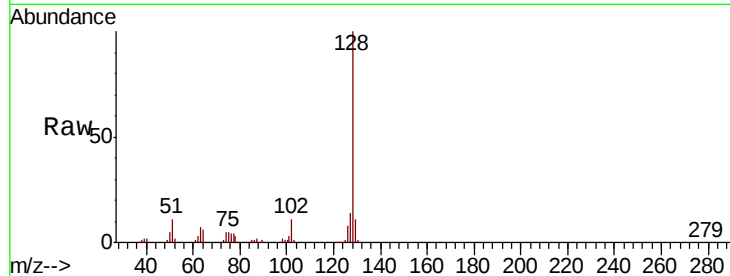
#31
Naphthalene
Concen: 41.668 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.8	10.8	16.2

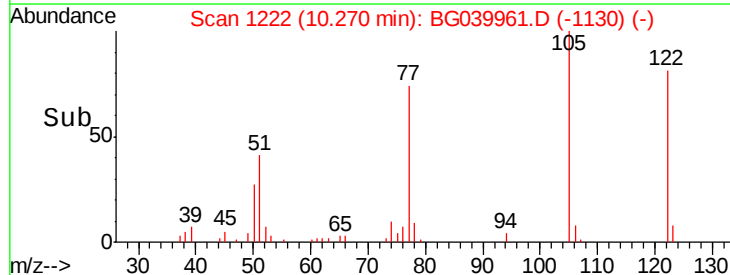
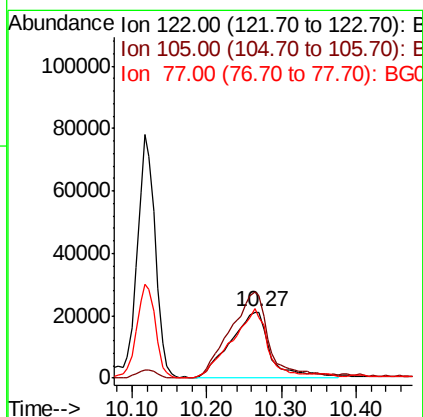
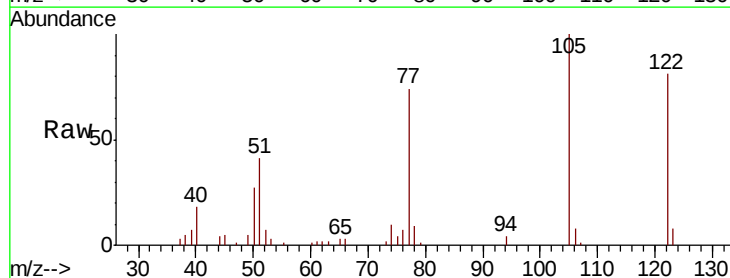
Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#32
Benzoic acid
Concen: 39.585 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.0	101.8	141.8
77	91.8	76.3	116.3





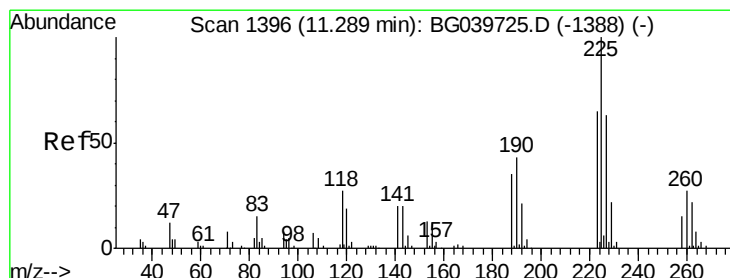
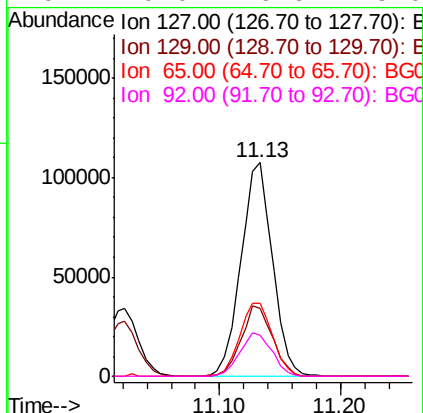
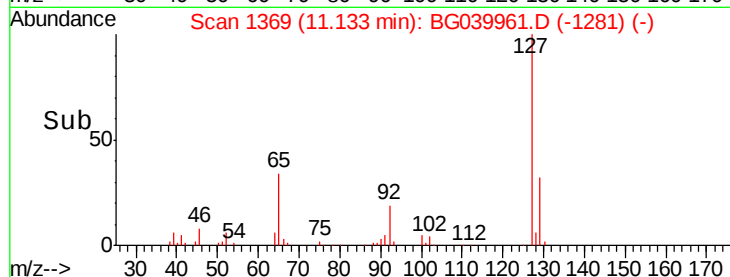
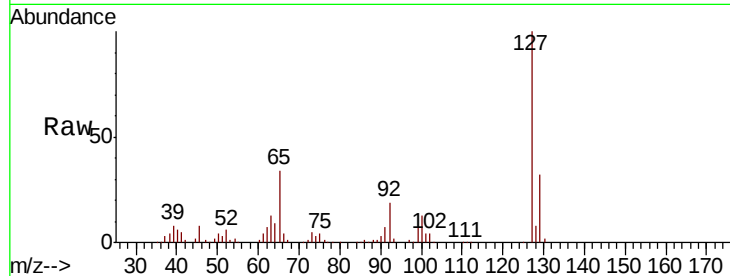
#33
4-Chloroaniline
Concen: 43.063 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1		27.0	40.4	
65	34.5		28.8	43.2	
92	19.0		16.6	25.0	

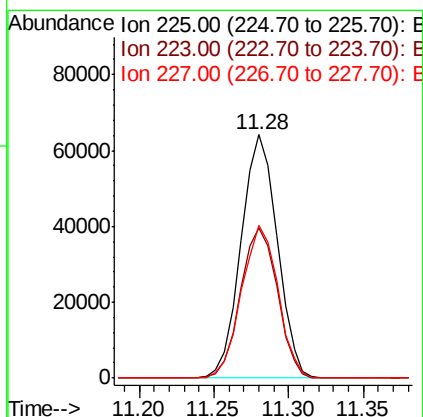
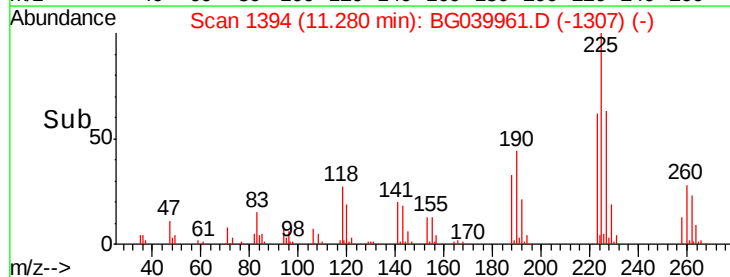
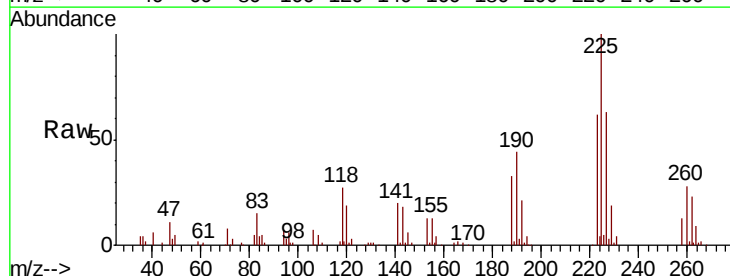
Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#34
Hexachlorobutadiene
Concen: 42.335 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8		49.0	73.6	
227	62.6		46.3	69.5	





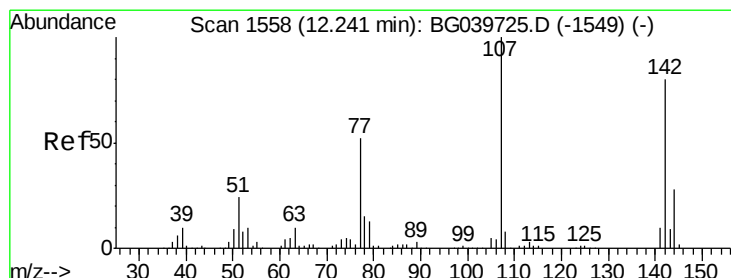
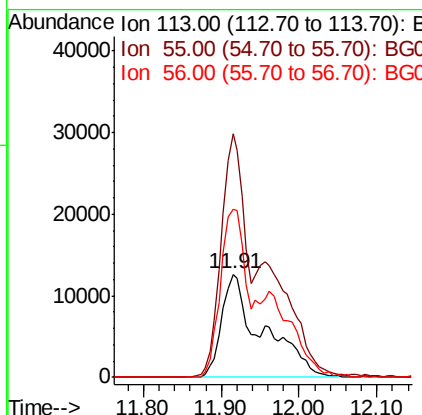
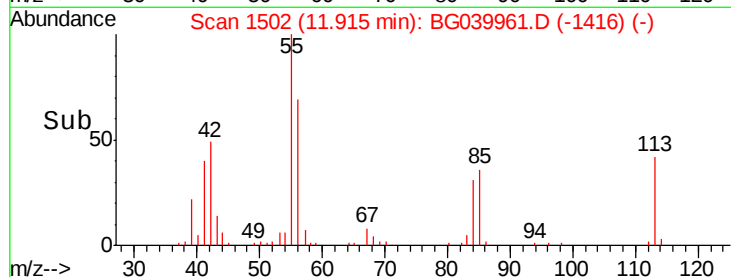
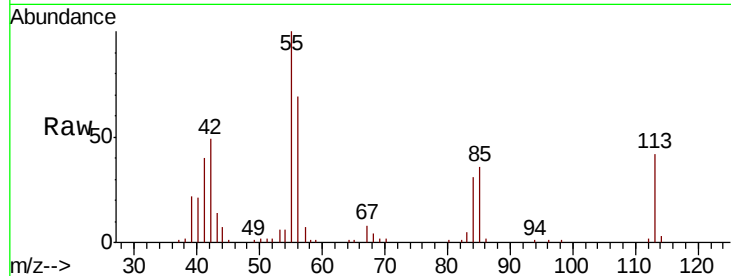
#35
Caprolactam
Concen: 36.347 ng/ml
RT: 11.91 min Scan# 1502
Delta R.T. -0.03 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	235.5	216.9	256.9
56	162.1	152.6	192.6

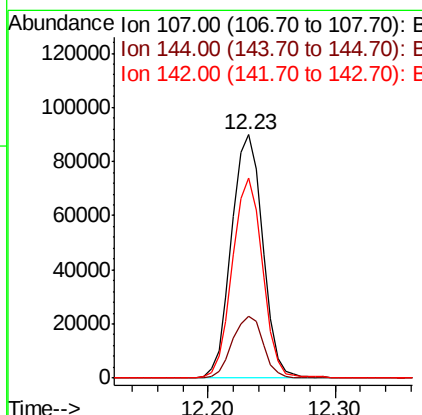
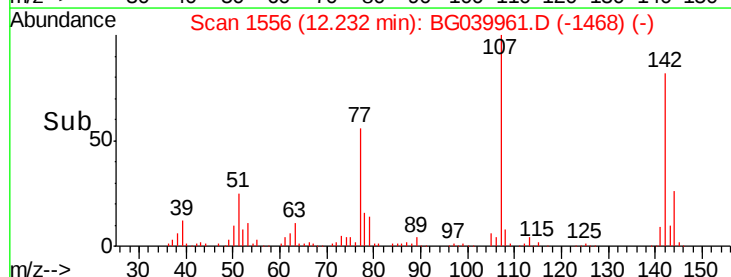
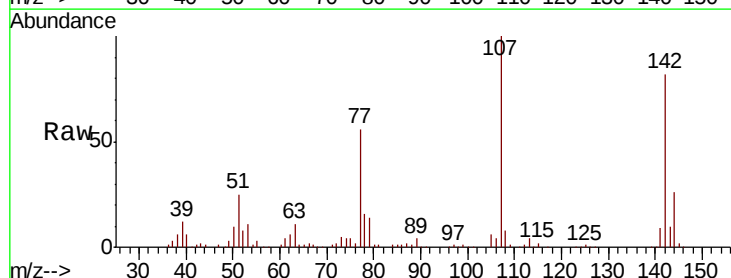
Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#36
4-Chloro-3-methylphenol
Concen: 40.440 ng/ml
RT: 12.23 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.2	30.2
142	82.1	61.4	92.2





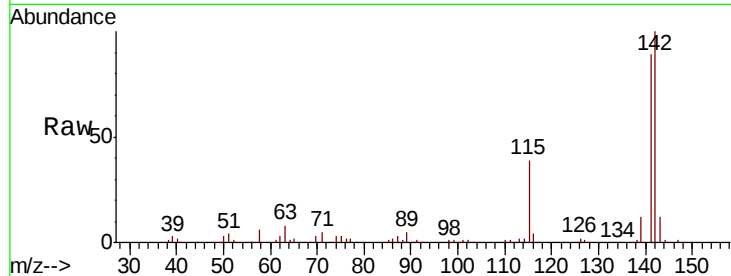
#37
2-Methylnaphthalene
Concen: 41.991 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleID :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.5	110.3
115	38.8	30.8	46.2

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM

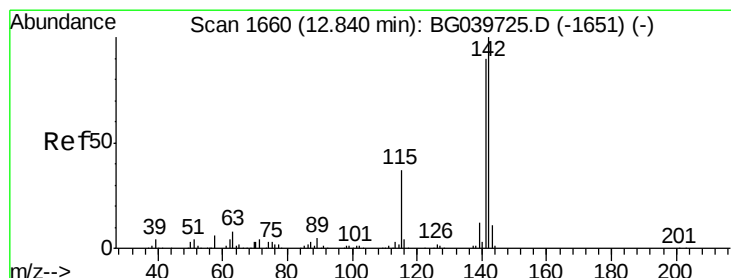
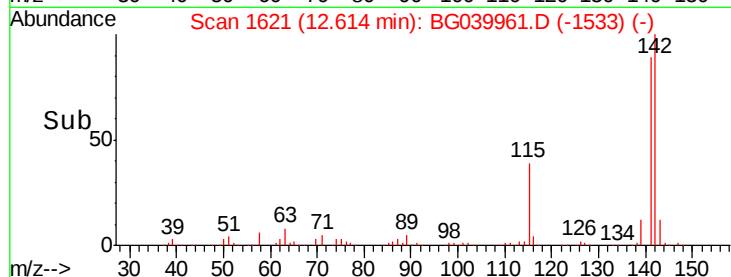
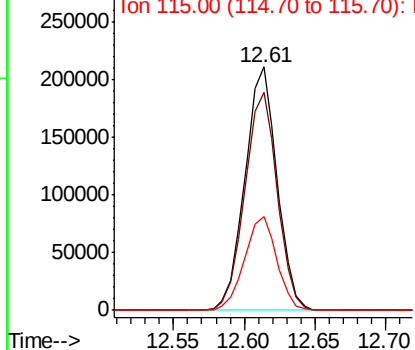


Abundance

Ion 142.00 (141.70 to 142.70): E

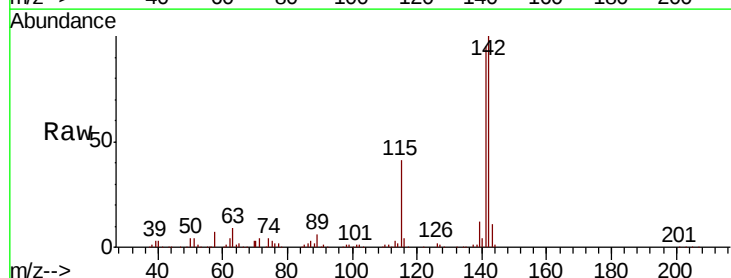
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.214 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	74.2	111.4
116	4.0	3.0	4.6

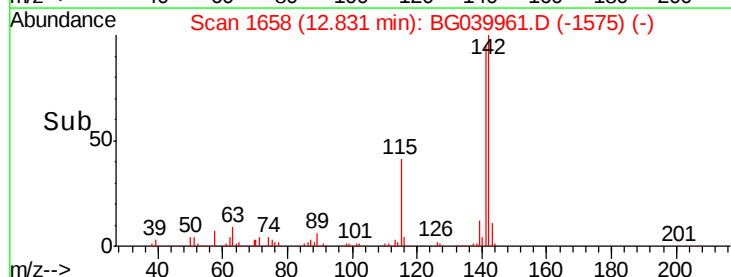
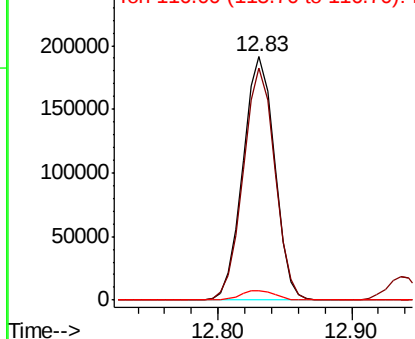


Abundance

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: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

Tot Ion:164 Resp: 129033

Ion Ratio Lower Upper

164 100

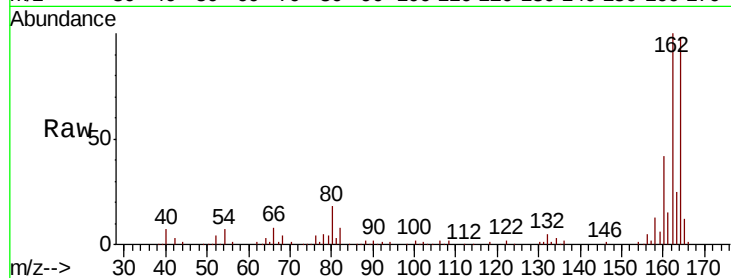
162 101.7 81.6 122.4

160 42.7 34.2 51.2

Manual Integrations
APPROVED

Sohil

3/18/2019 3:02:48 PM

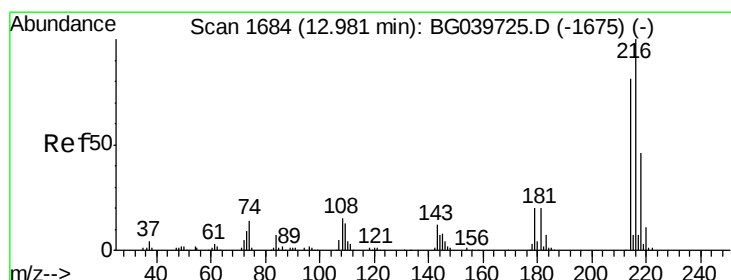
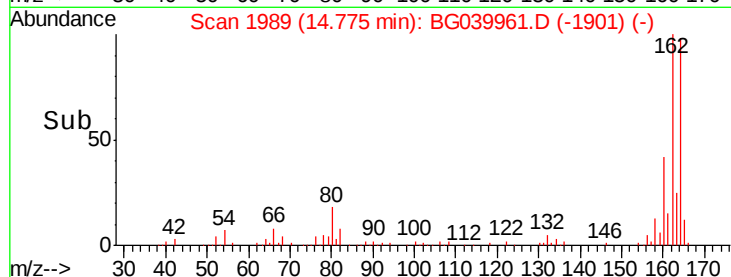
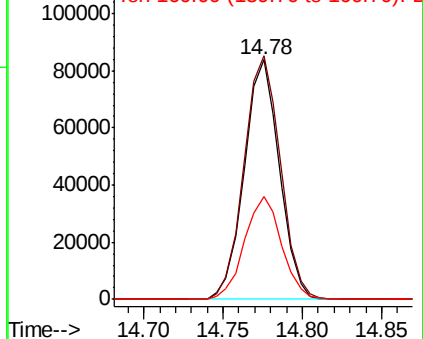


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.391 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Tgt Ion:216 Resp: 189674

Ion Ratio Lower Upper

216 100

214 79.2 62.6 94.0

179 20.4 16.6 25.0

108 19.3 14.0 21.0

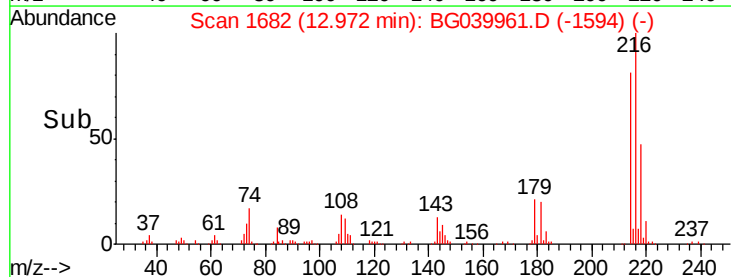
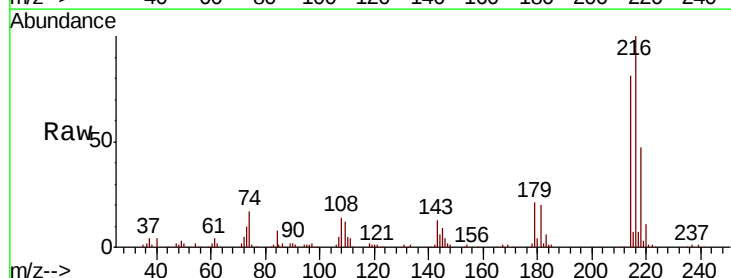
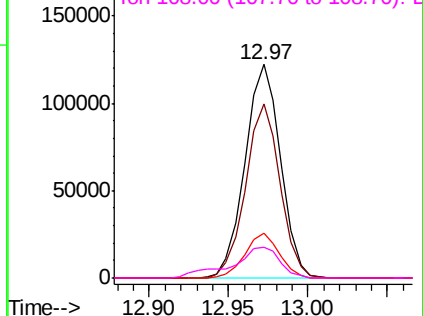
Abundance

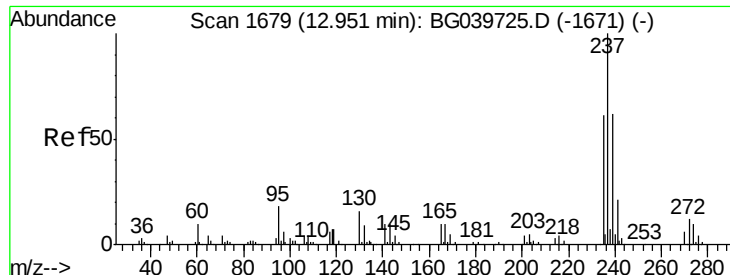
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





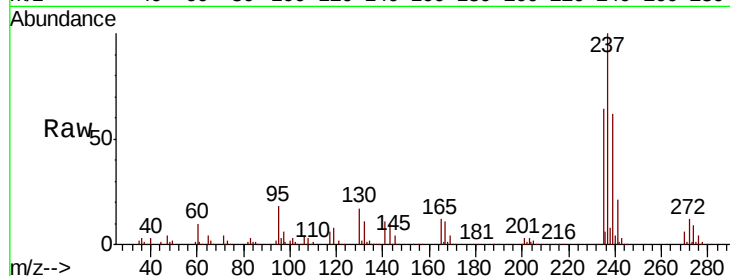
#41
Hexachlorocyclopentadiene
Concen: 114.132 ng
RT: 12.94 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.6	43.3	83.3
272	11.7	0.0	32.3

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM

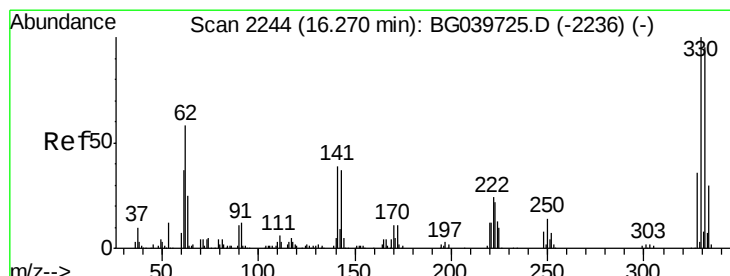
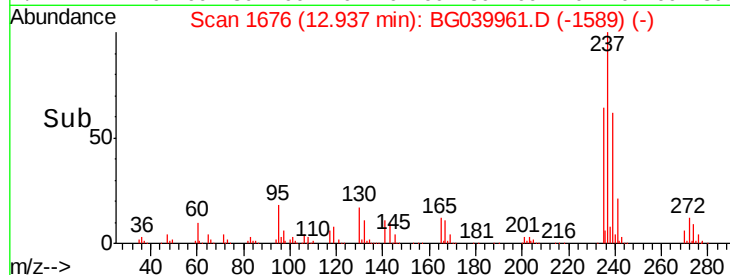
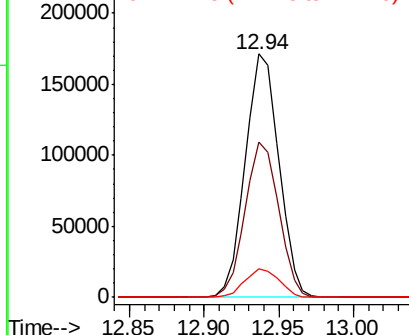


Abundance

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: 81.686 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

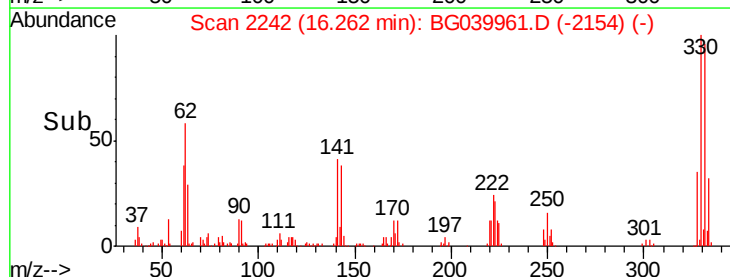
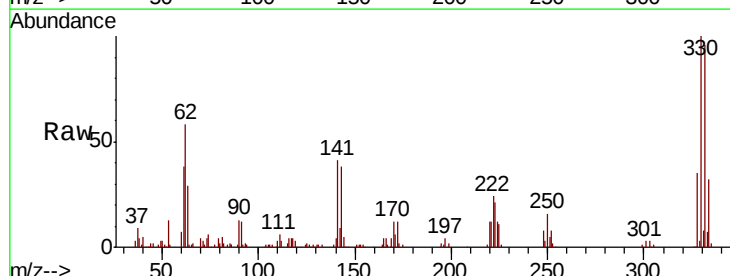
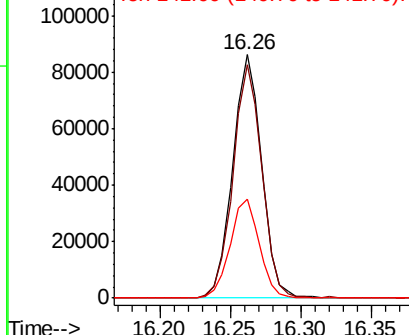
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.3	75.7	113.5
141	40.8	35.6	53.4

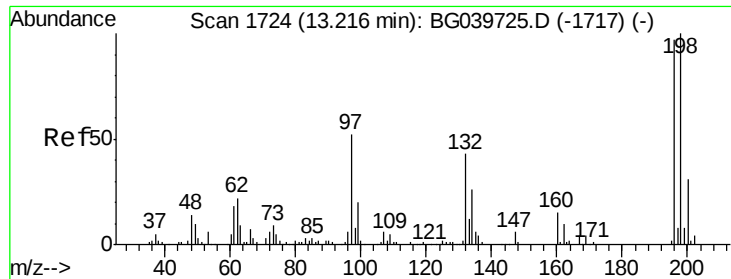
Abundance

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





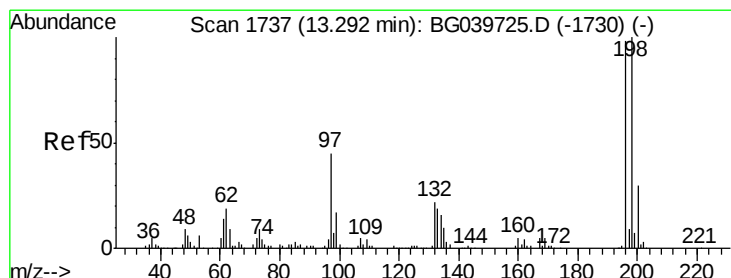
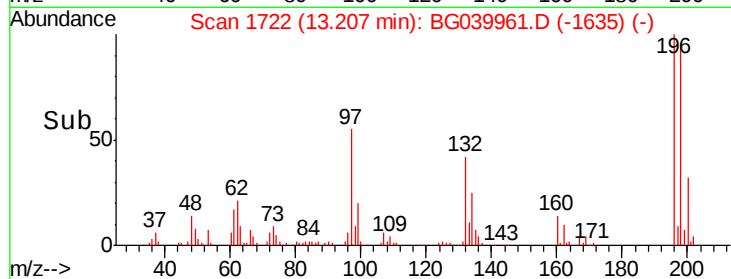
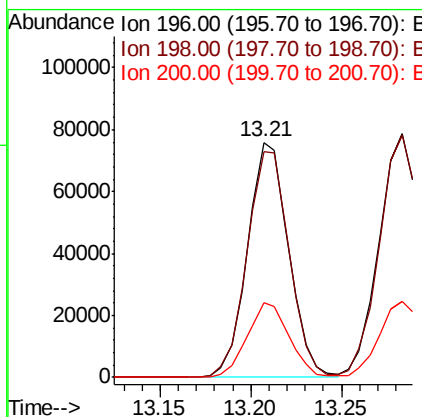
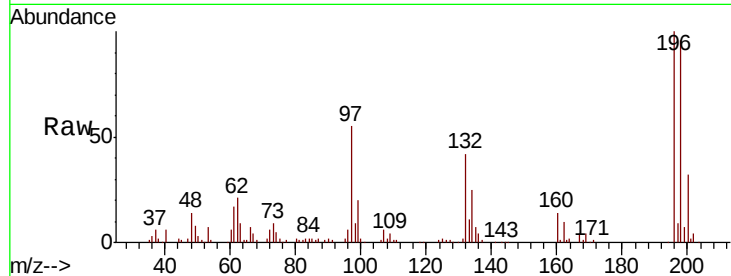
#43
 2,4,6-Trichlorophenol
 Concen: 46.650 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Instrument :
 BNA_G
 ClientSampleID :
 PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	119388		
198	96.0	80.6	121.0	
200	31.5	26.1	39.1	

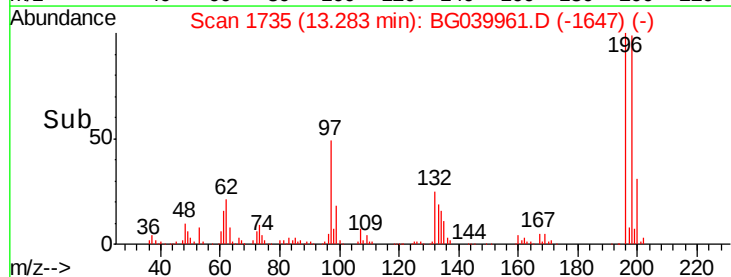
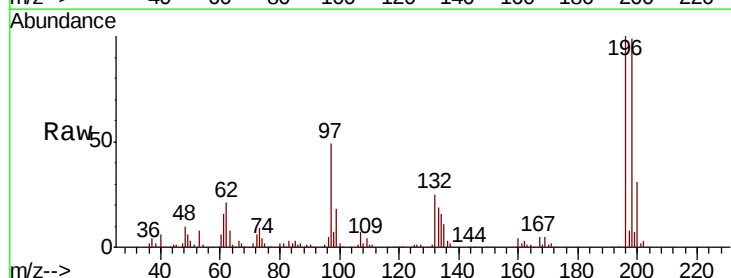
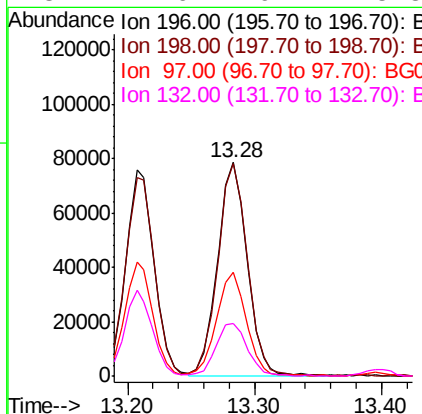
Manual Integrations
 APPROVED

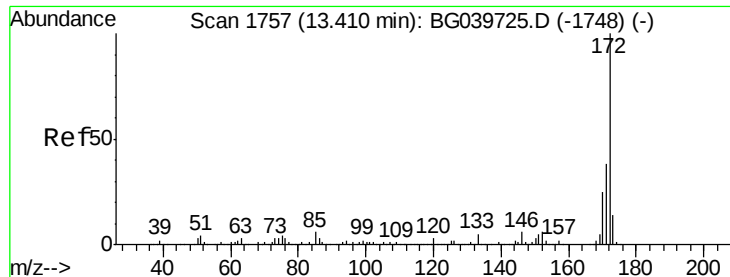
Sohil
 3/18/2019 3:02:48 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.137 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127322		
198	99.5	78.5	117.7	
97	48.8	38.4	57.6	
132	24.6	19.2	28.8	





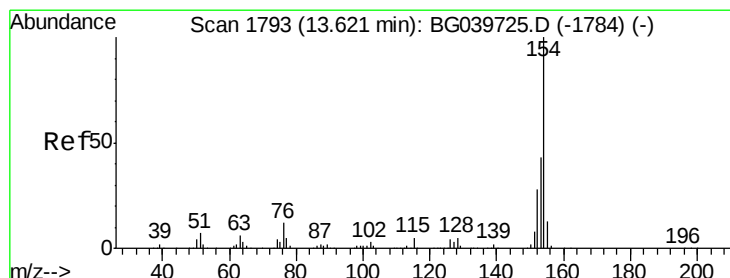
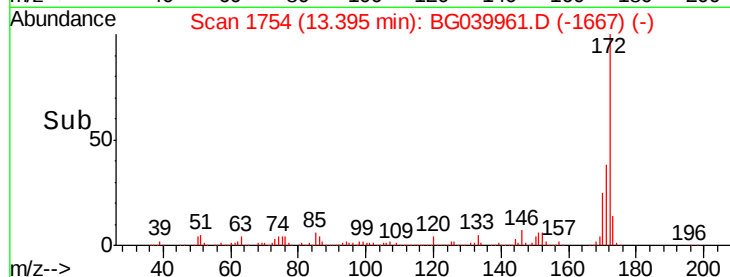
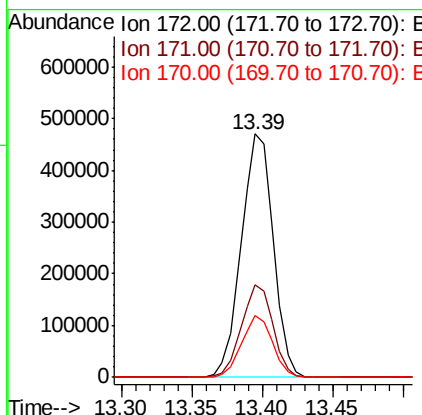
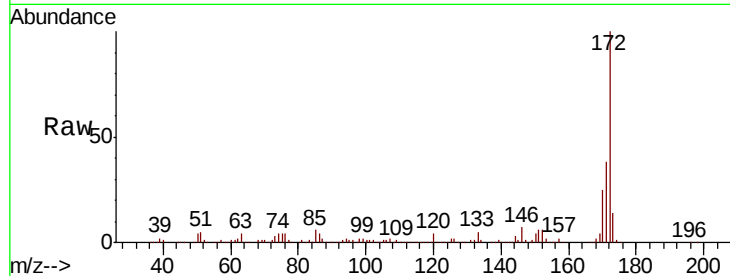
#45
2-Fluorobiphenyl
Concen: 82.352 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.8	46.2
170	25.2	20.2	30.4

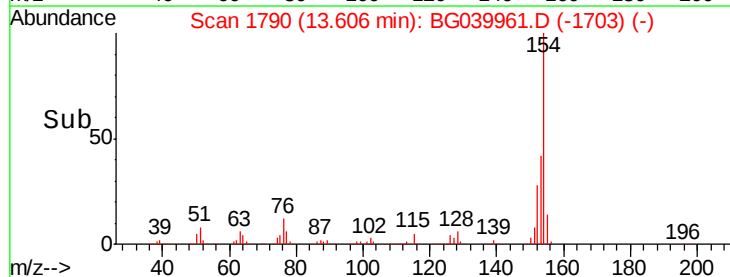
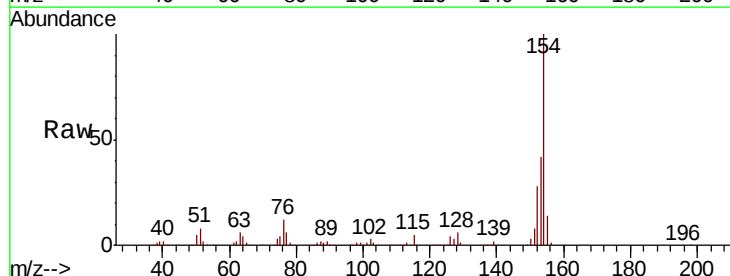
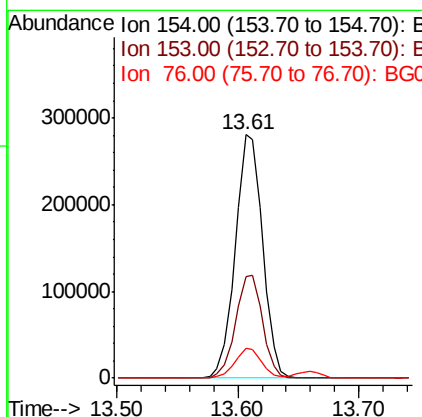
Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#46
1,1'-Biphenyl
Concen: 41.499 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.1	62.1
76	12.1	0.0	32.4





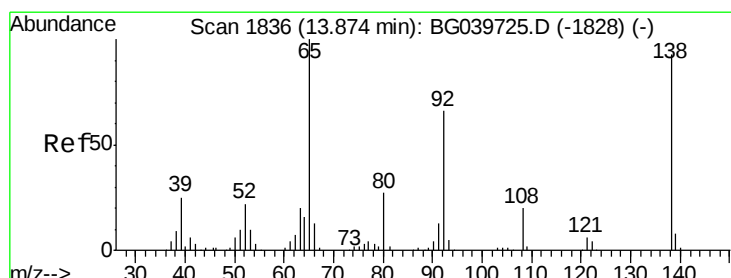
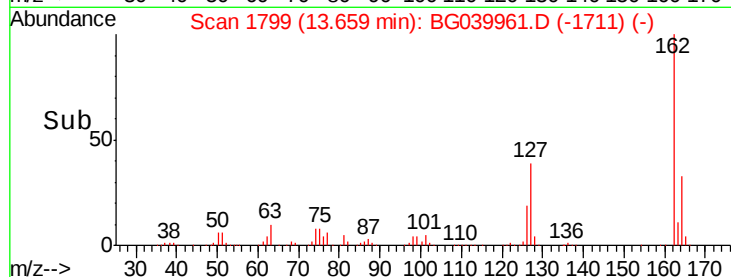
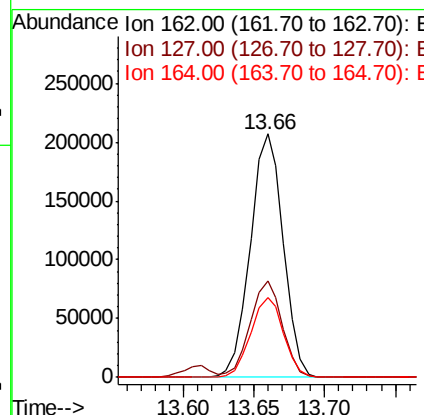
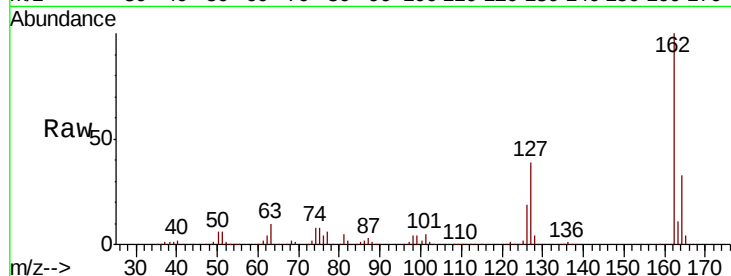
#47
 2-Chloronaphthalene
 Concen: 42.310 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.0	46.6
164	32.8	25.7	38.5

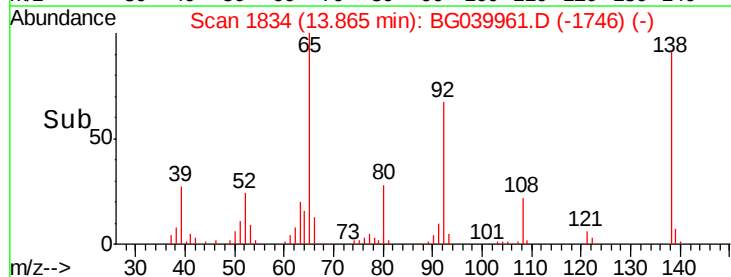
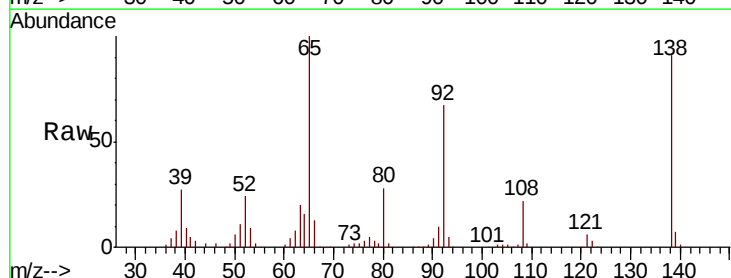
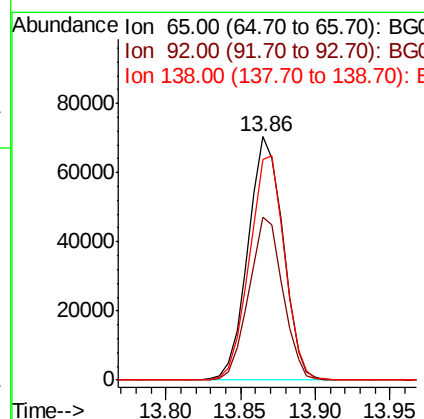
Manual Integrations
 APPROVED

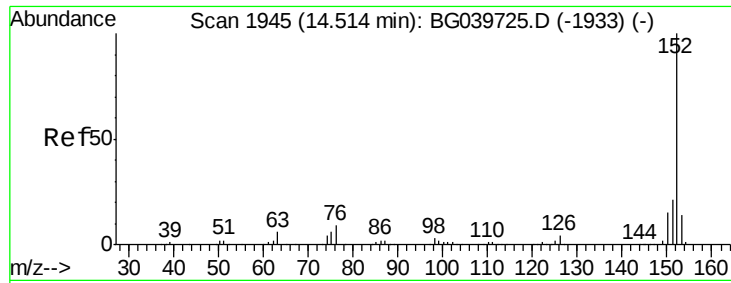
Sohil
 3/18/2019 3:02:48 PM



#48
 2-Nitroaniline
 Concen: 44.443 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	51.4	77.2
138	90.7	71.4	107.2





#49

Acenaphthylene

Concen: 40.926 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Instrument :

BNA_G

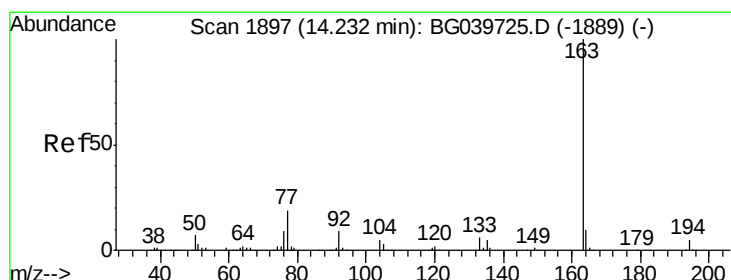
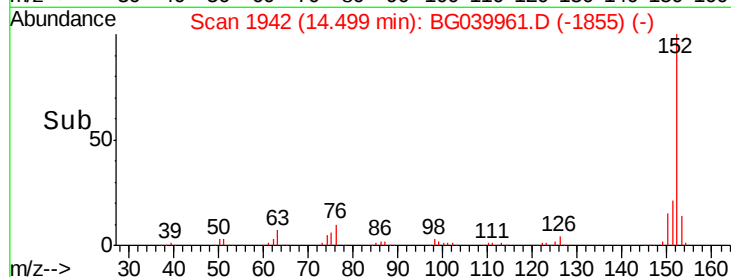
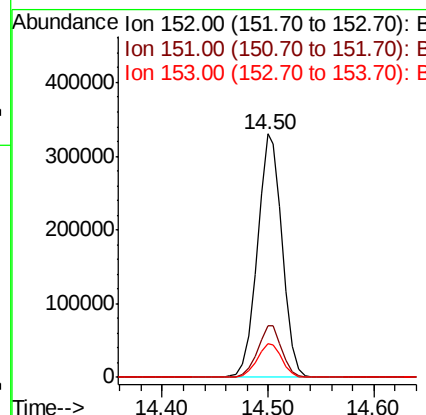
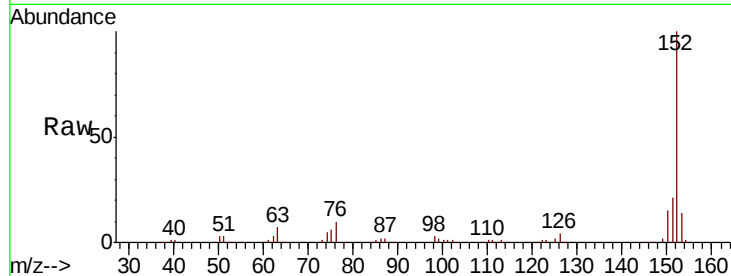
ClientSampleId :

PB117964BSD

Tot Ion:	152	Resp:	536399
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.8	25.2
153	13.9	11.7	17.5

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#50

Dimethylphthalate

Concen: 40.189 ng

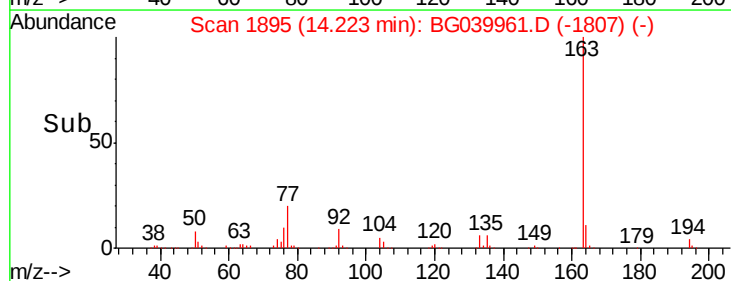
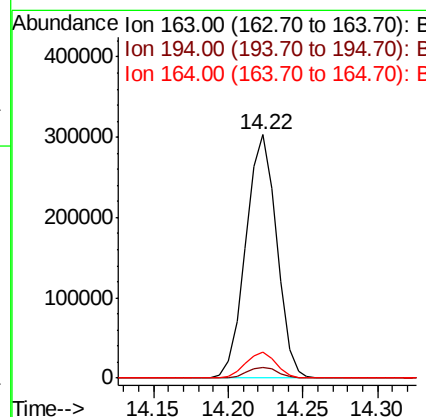
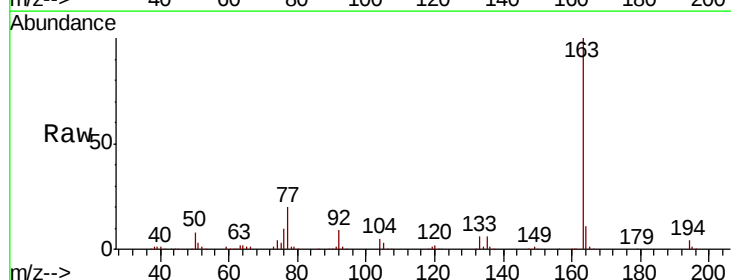
RT: 14.22 min Scan# 1895

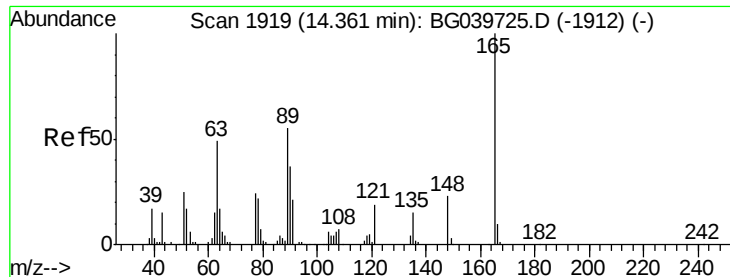
Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Tgt Ion:	163	Resp:	433622
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.5	8.4	12.6





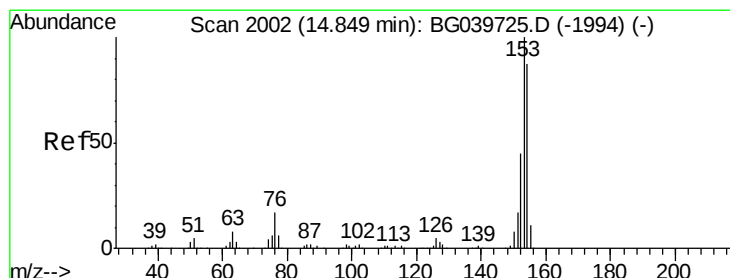
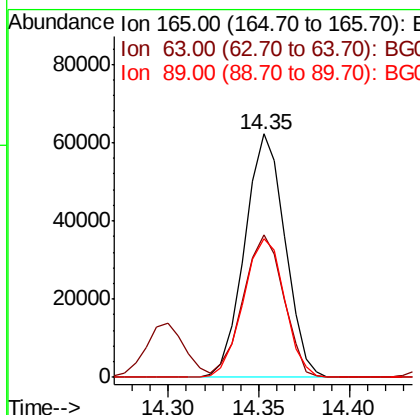
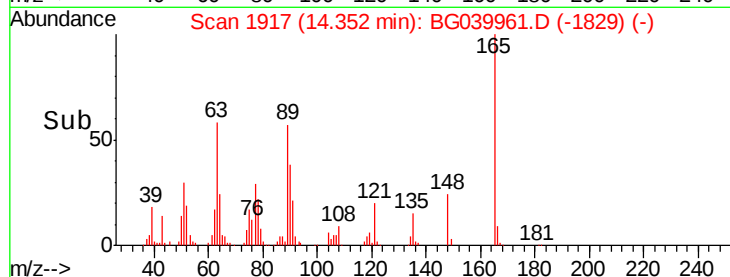
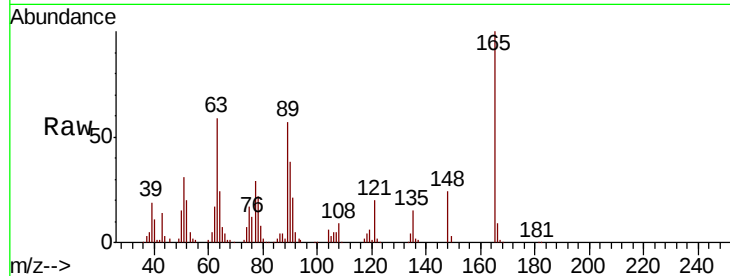
#51
2,6-Dinitrotoluene
Concen: 42.023 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	96121		
63	58.8	47.0	70.6	
89	57.1	45.8	68.8	

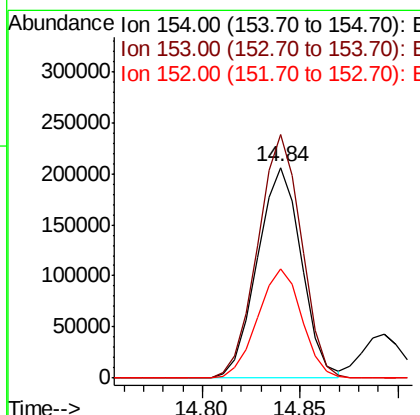
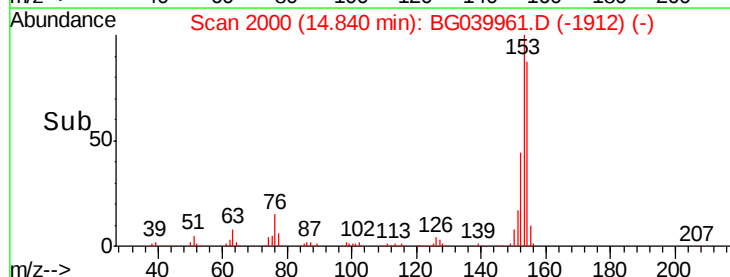
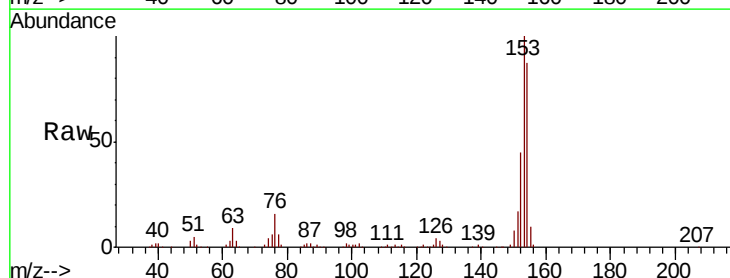
Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#52
Acenaphthene
Concen: 40.852 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	322255		
153	115.5	90.1	135.1	
152	51.5	40.9	61.3	





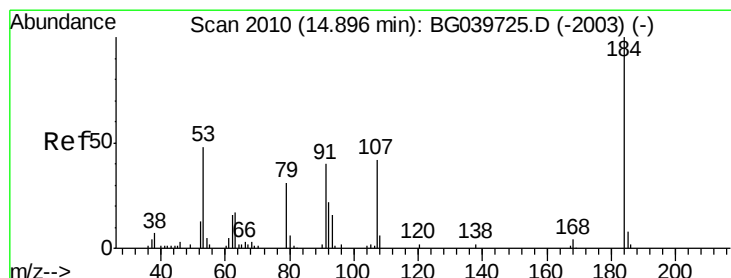
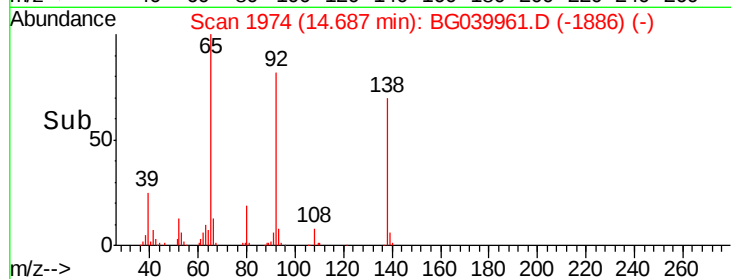
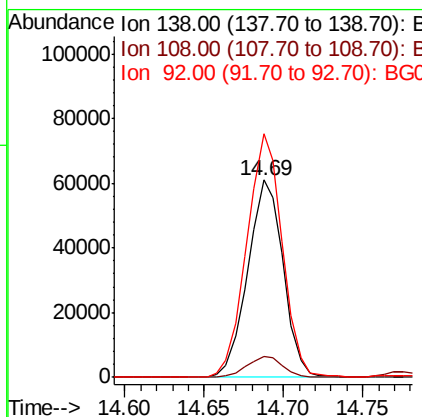
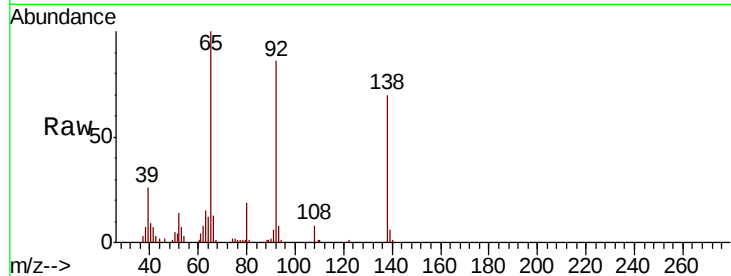
#53
3-Nitroaniline
Concen: 41.213 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	13.8	20.8#
92	123.6	103.7	155.5

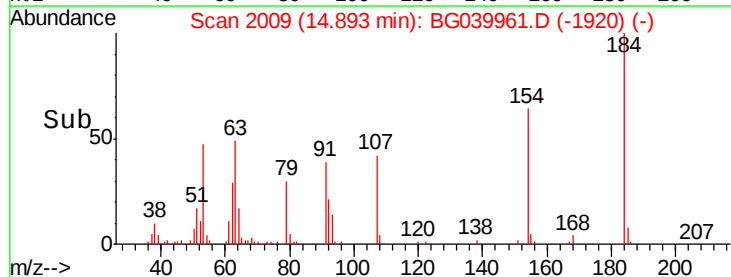
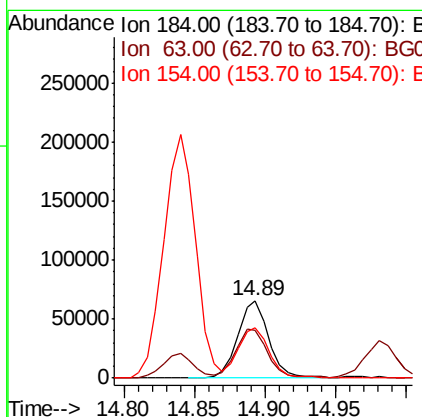
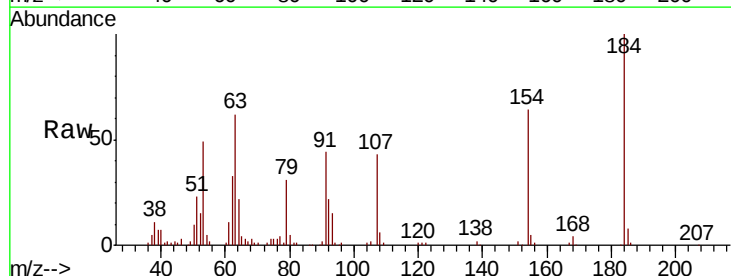
Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#54
2,4-Dinitrophenol
Concen: 71.017 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.0	50.9	76.3
154	64.4	53.0	79.6





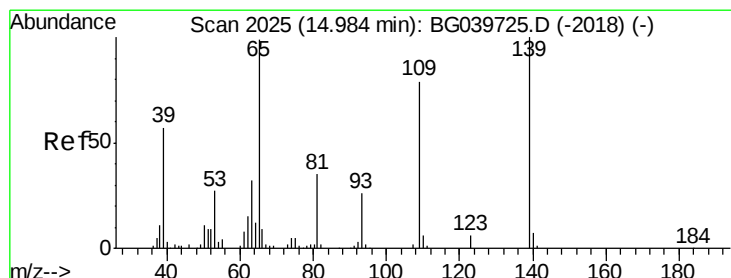
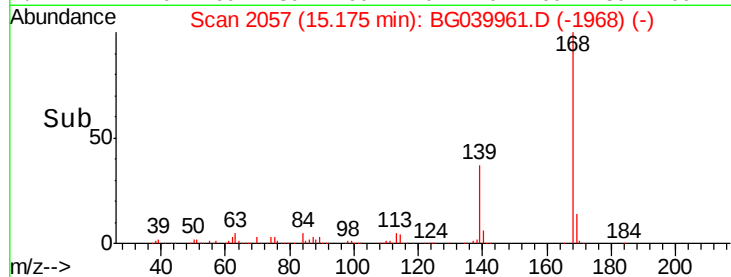
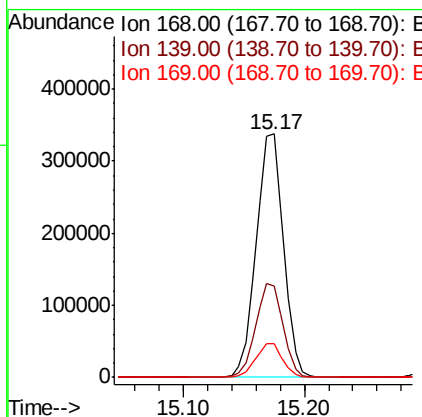
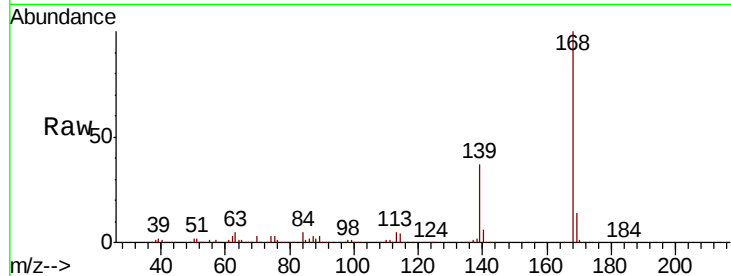
#55
Dibenzofuran
Concen: 40.889 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	529204		
139	37.5		30.1	45.1
169	14.1		10.6	16.0

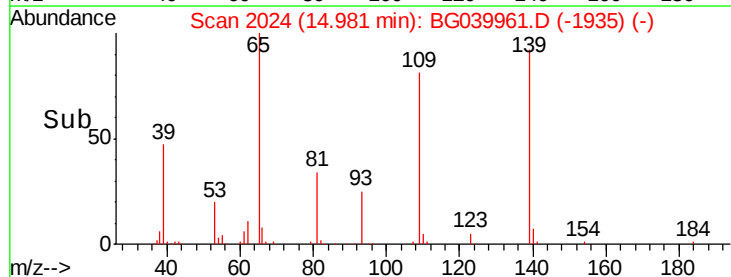
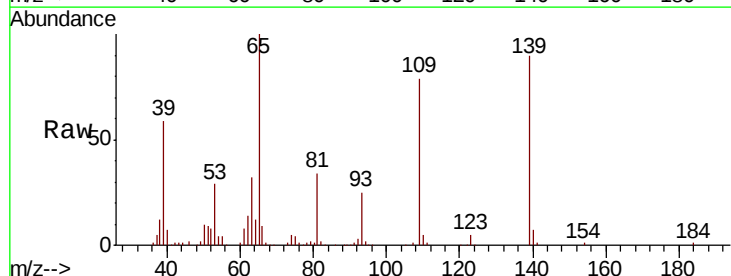
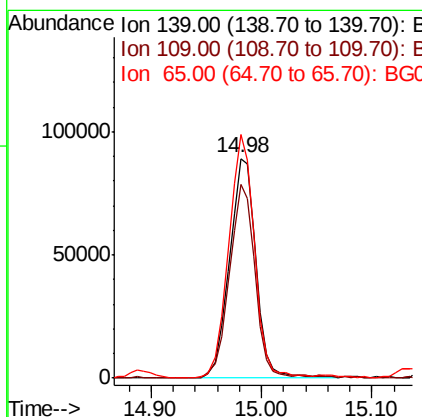
Manual Integrations
APPROVED

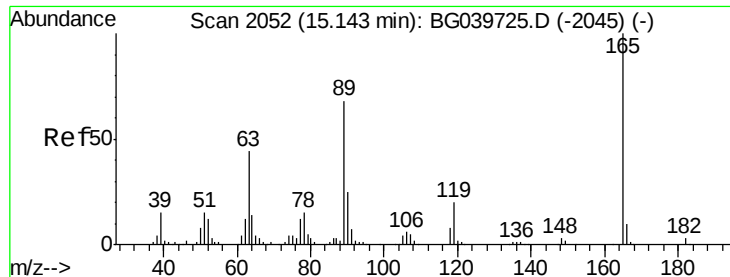
Sohil
3/18/2019 3:02:48 PM



#56
4-Nitrophenol
Concen: 73.030 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	150212		
109	88.0		61.9	101.9
65	110.9		99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 41.303 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Instrument :

BNA_G

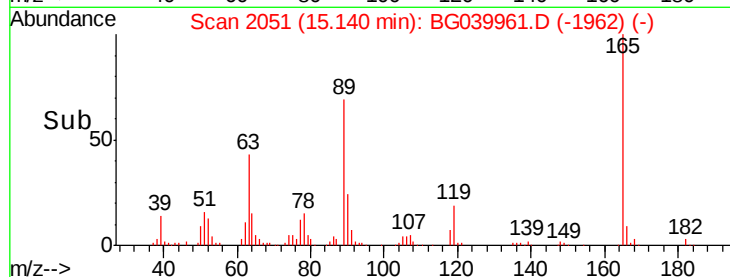
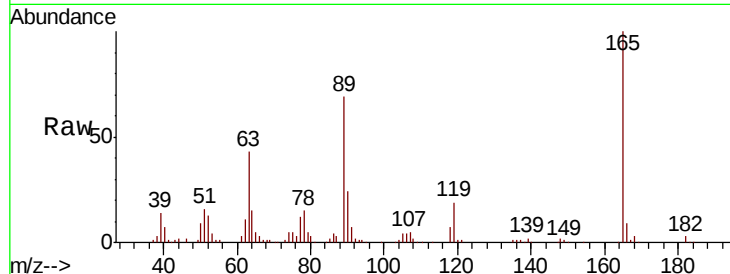
ClientSampleId :

PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	132748		
63	43.3	41.0	61.6	
89	68.8	64.6	96.8	
182	2.7	2.0	3.0	

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM

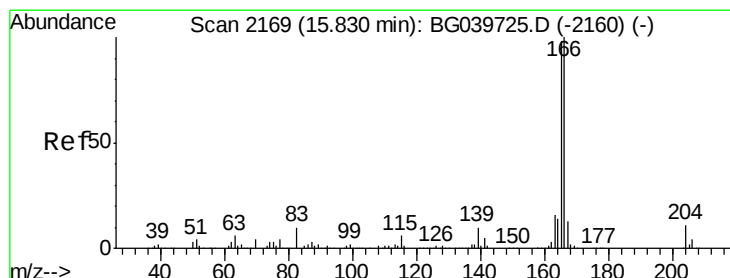
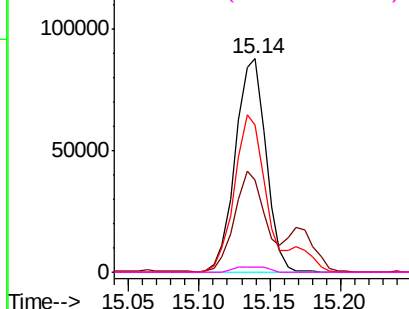


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.263 ng

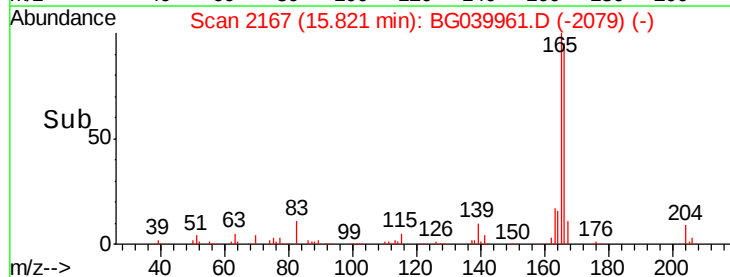
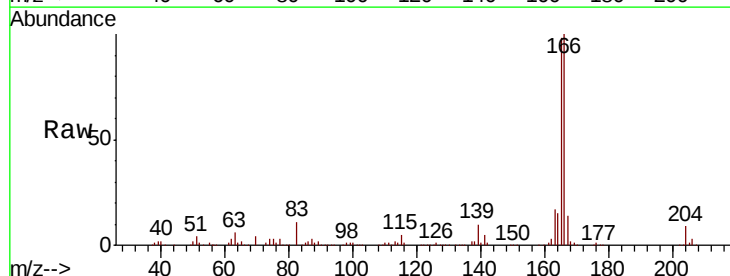
RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

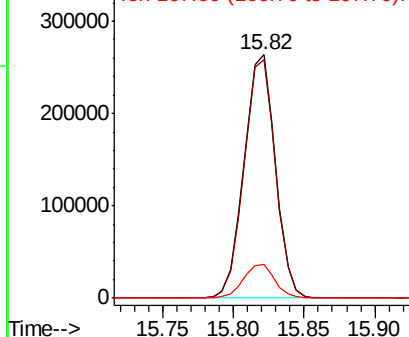
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	409660		
165	98.0	77.9	116.9	
167	13.8	10.8	16.2	



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





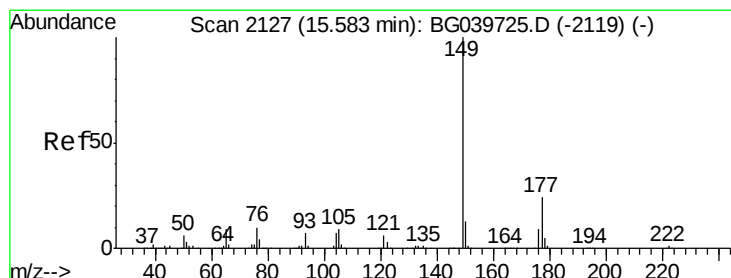
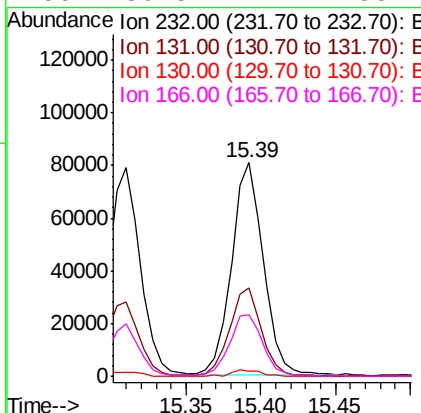
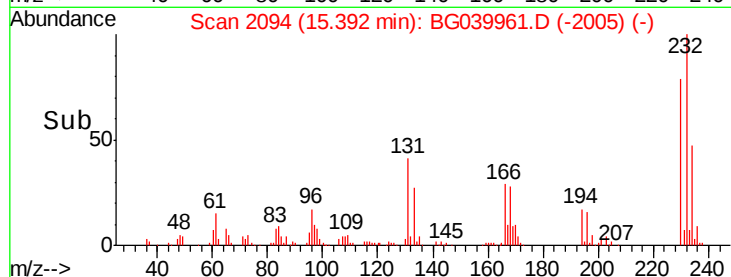
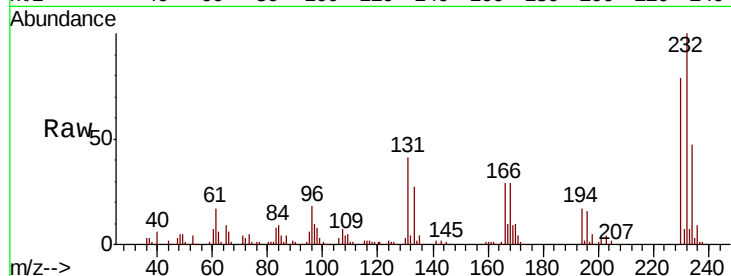
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.574 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.5	34.9	52.3
130	2.7	2.0	3.0
166	30.5	24.1	36.1

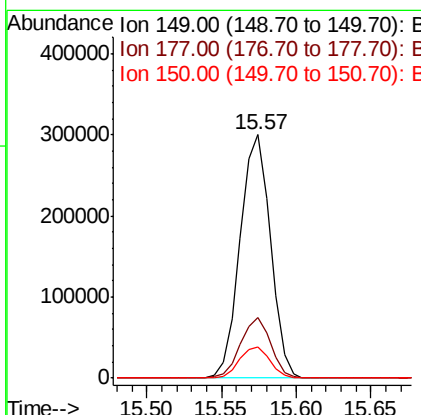
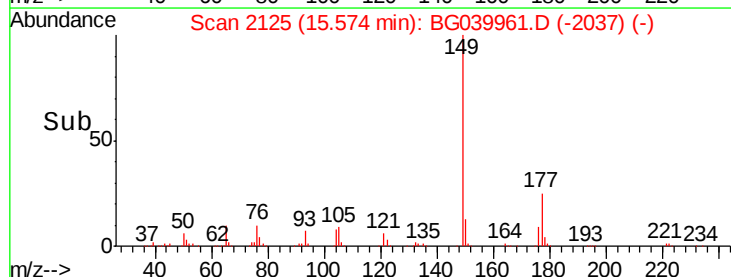
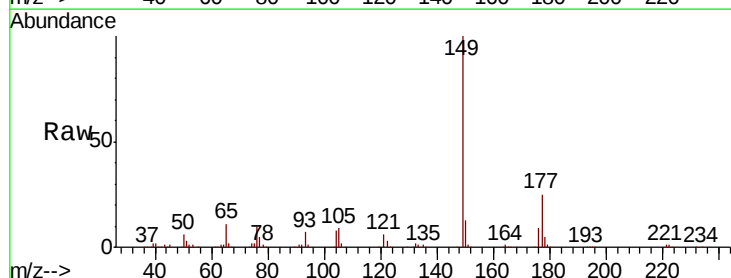
Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:02:48 PM



#60
 Diethylphthalate
 Concen: 39.636 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.3	27.5
150	12.9	10.2	15.2





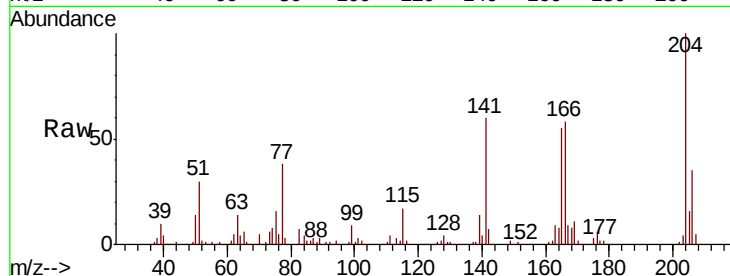
#61
4-Chlorophenyl-phenylether
Concen: 40.683 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	29.2	43.8
141	60.0	49.0	73.4

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM

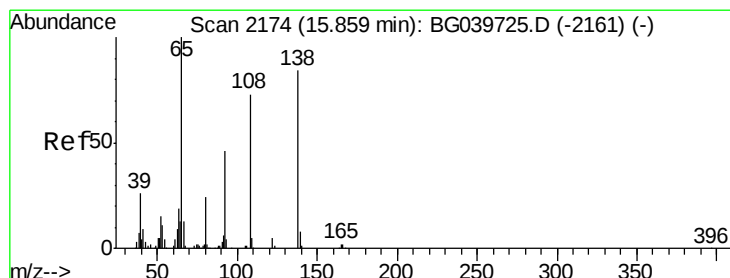
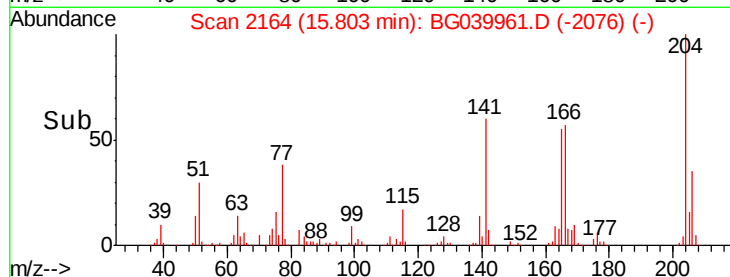
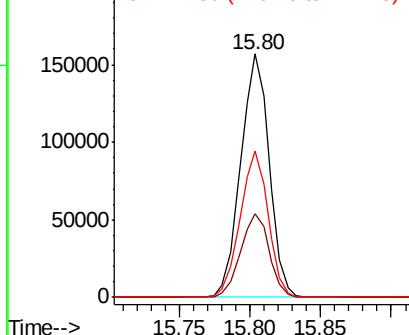


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.751 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

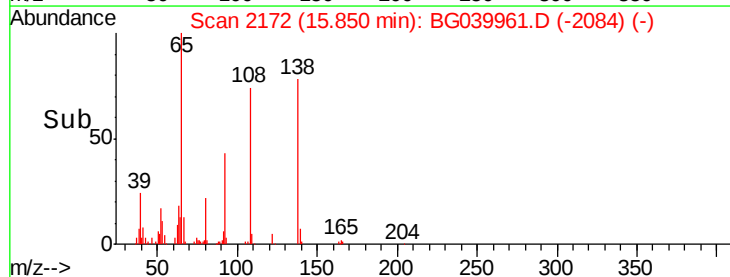
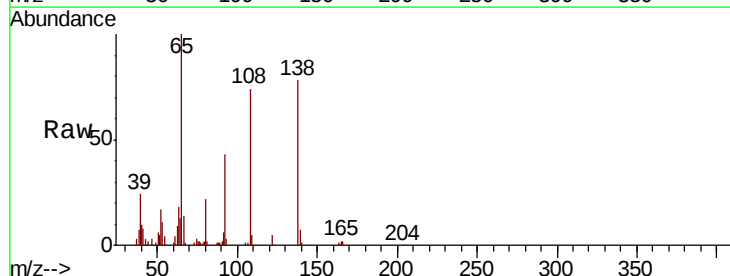
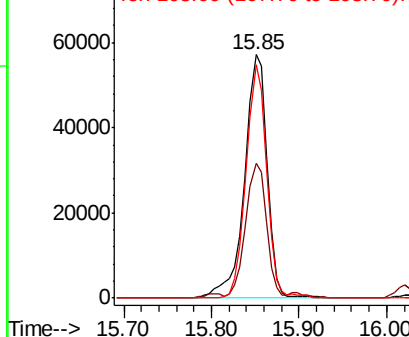
Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.2	38.7	78.7
108	95.7	74.6	114.6

Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





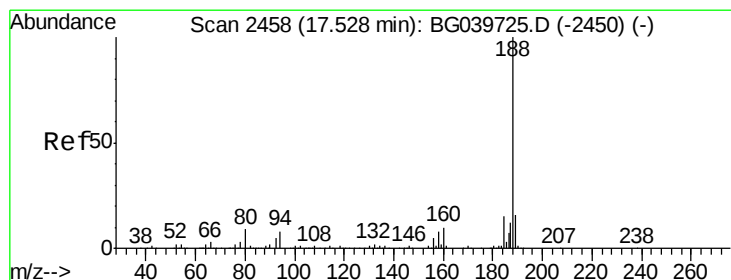
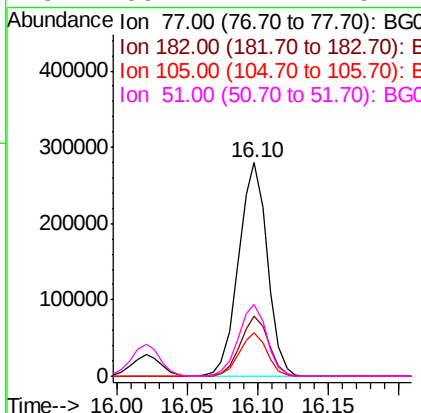
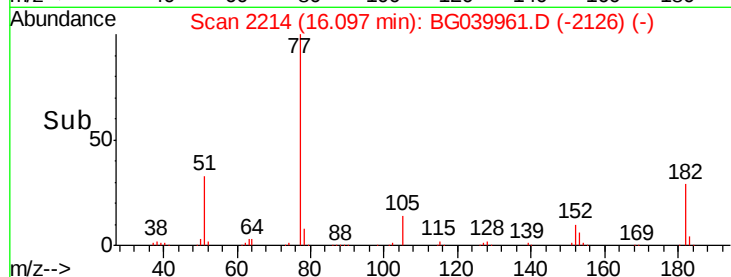
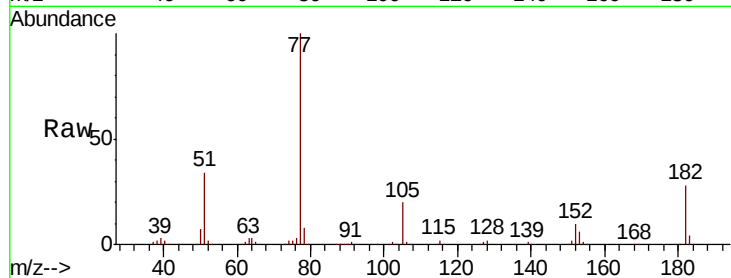
#63
Azobenzene
Concen: 40.991 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.5	6.4	46.4	
105	20.4	0.0	39.8	
51	33.7	14.1	54.1	

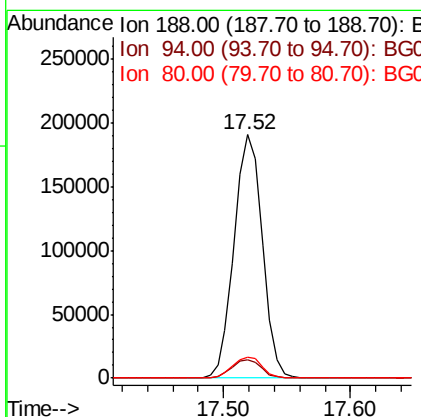
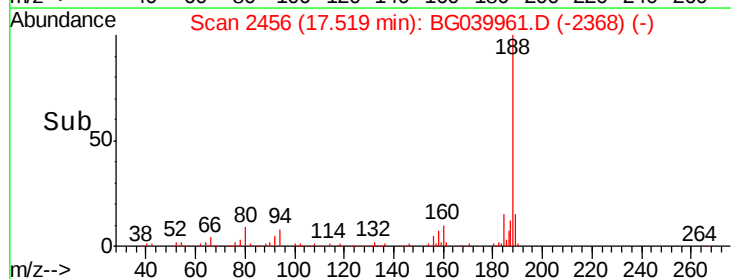
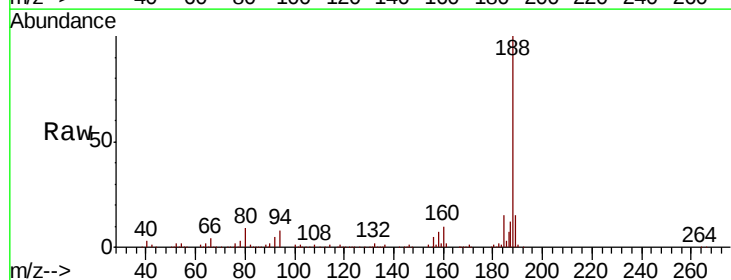
Manual Integrations
APPROVED

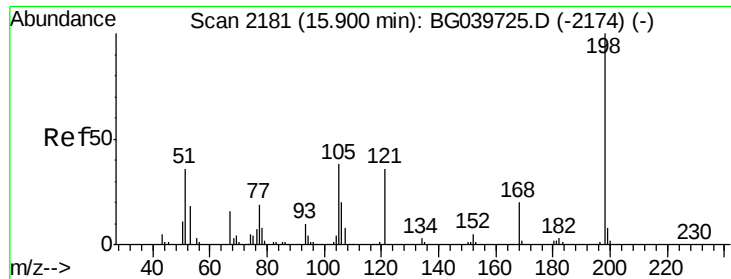
Sohil
3/18/2019 3:02:48 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.6	6.9	10.3	
80	8.5	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 45.754 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Instrument :

BNA_G

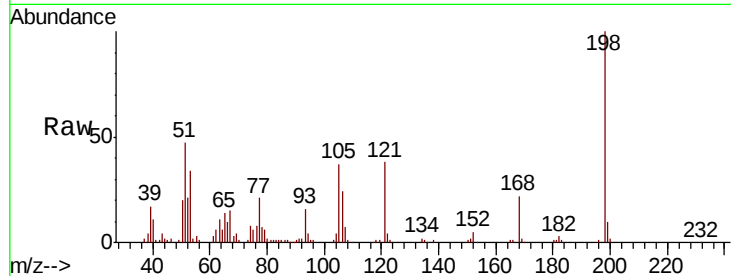
ClientSampleId :

PB117964BSD

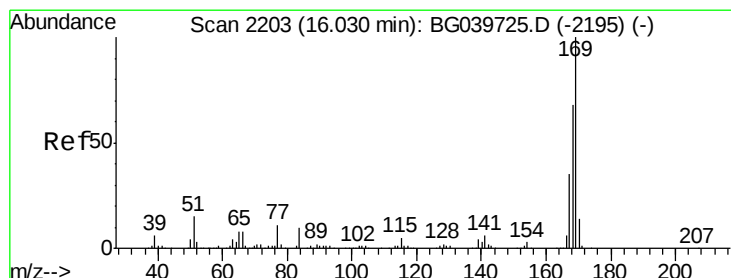
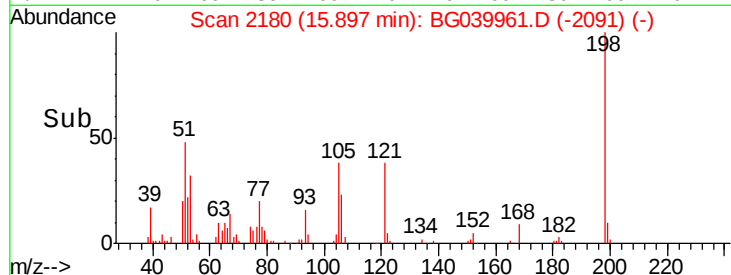
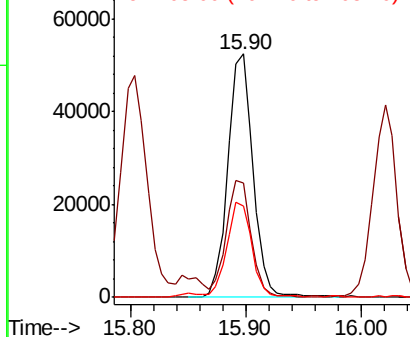
Tot Ion:	198	Resp:	79369
Ion Ratio	Lower	Upper	
198	100		
51	47.1	27.4	67.4
105	37.4	19.7	59.7

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



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



#66

n-Nitrosodiphenylamine

Concen: 43.354 ng

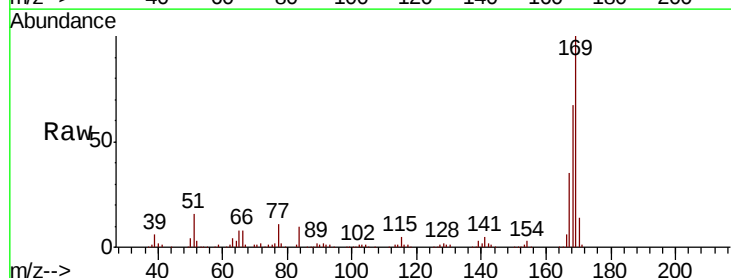
RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

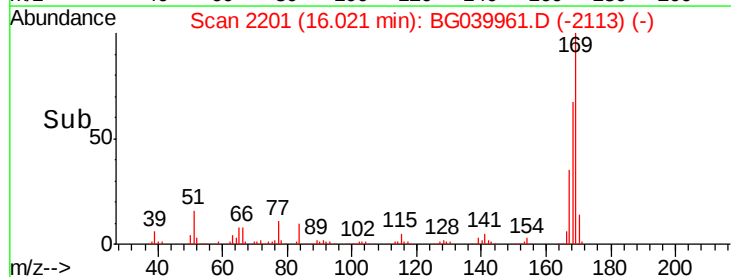
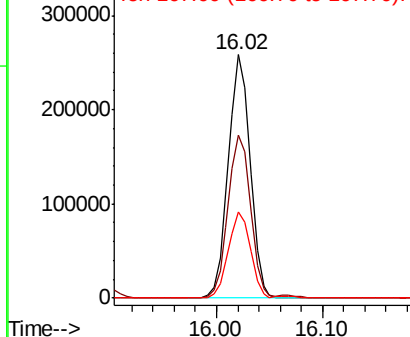
Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Tgt Ion:	169	Resp:	368231
Ion Ratio	Lower	Upper	
169	100		
168	67.0	56.6	85.0
167	35.3	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





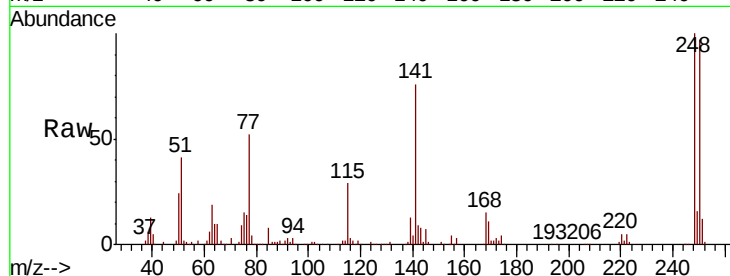
#67
4-Bromophenyl-phenylether
Concen: 43.160 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.6	116.4
141	75.9	63.9	95.9

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM

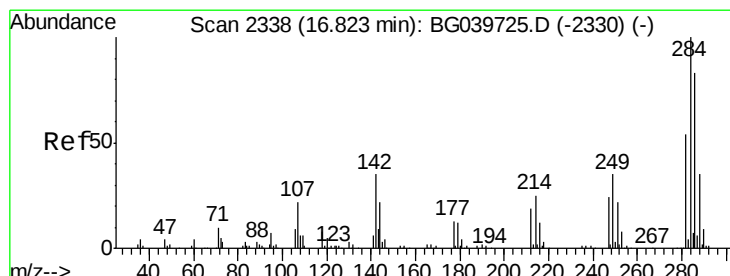
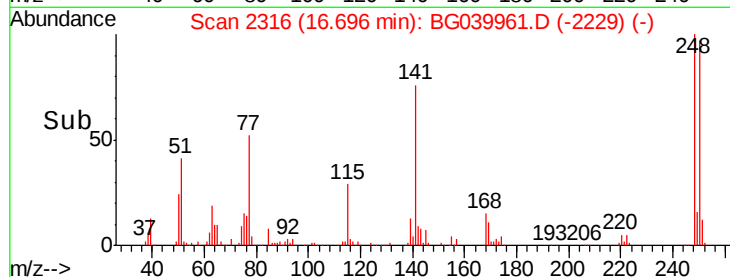
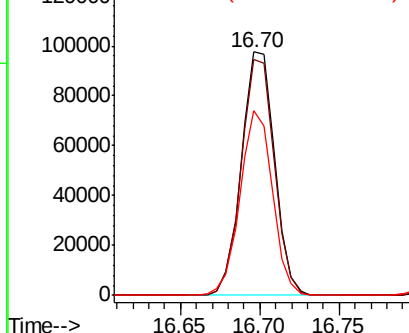


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.786 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

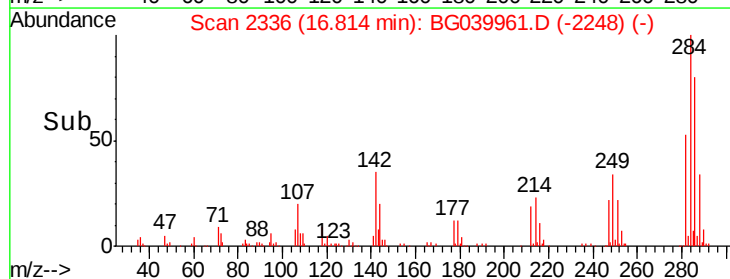
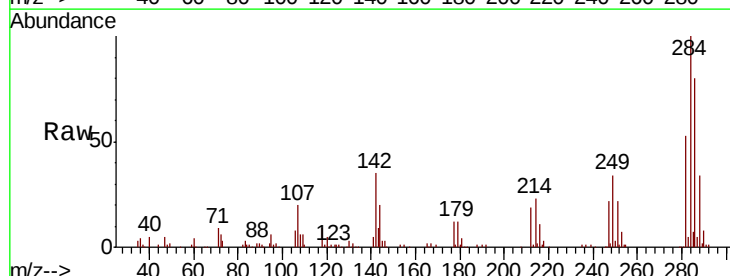
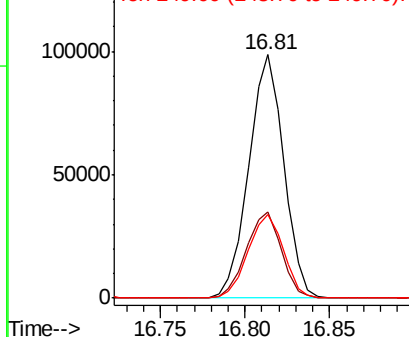
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	30.6	45.8
249	34.4	28.2	42.2

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





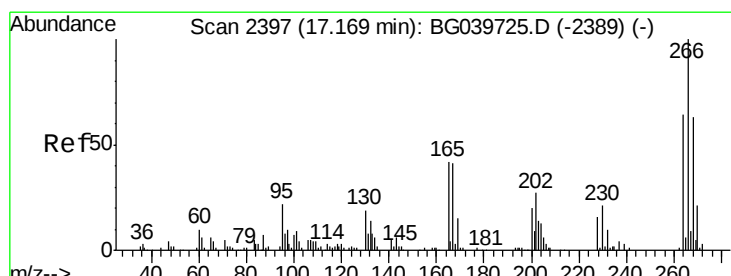
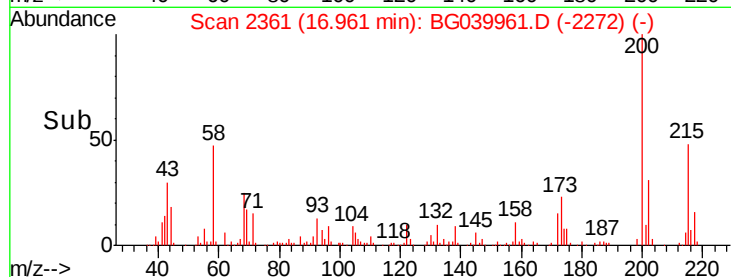
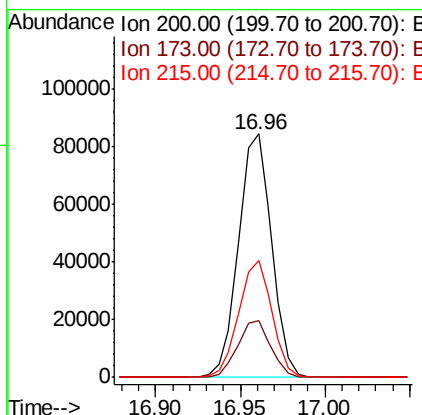
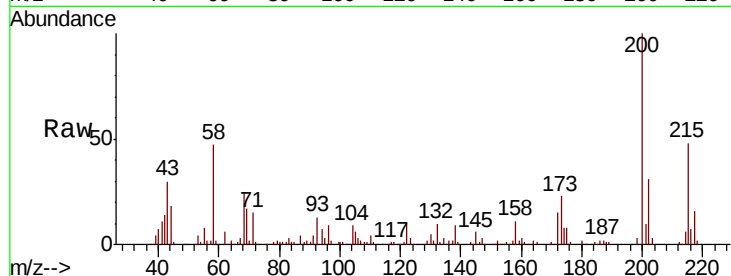
#69
 Atrazine
 Concen: 34.541 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Instrument :
 BNA_G
 ClientSampled :
 PB117964BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.3	3.9	43.9
215	48.0	30.9	70.9

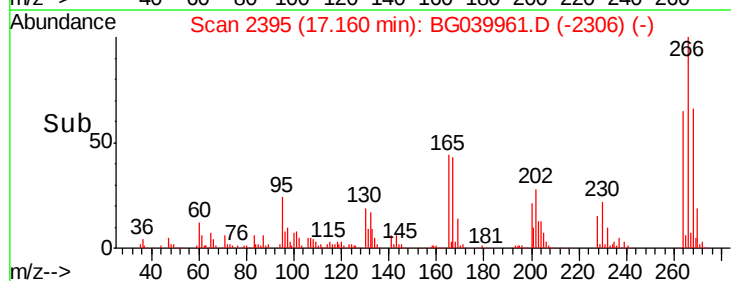
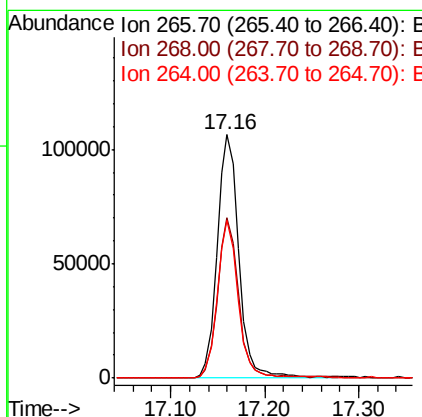
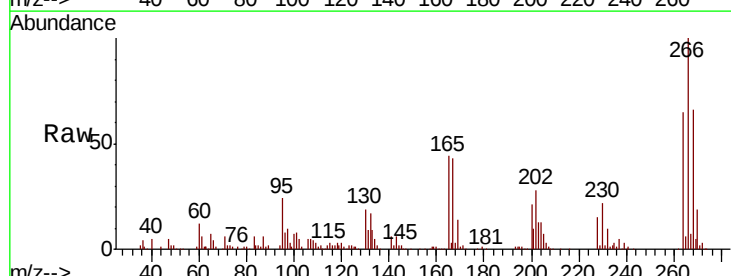
Manual Integrations
 APPROVED

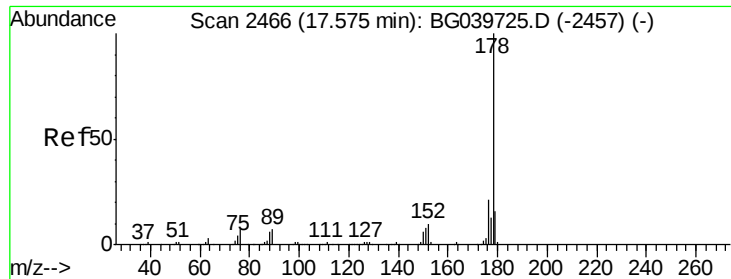
Sohil
 3/18/2019 3:02:48 PM



#70
 Pentachlorophenol
 Concen: 80.205 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.9	51.1	76.7
264	65.1	52.1	78.1





#71

Phenanthrene

Concen: 40.447 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Instrument :

BNA_G

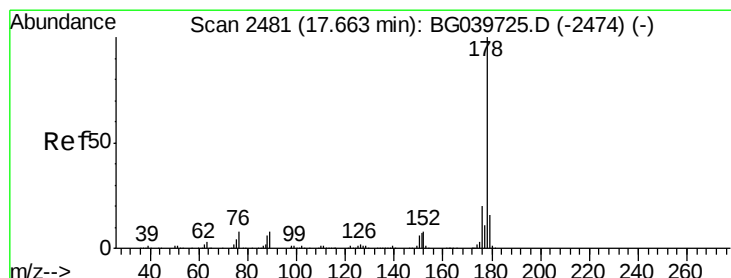
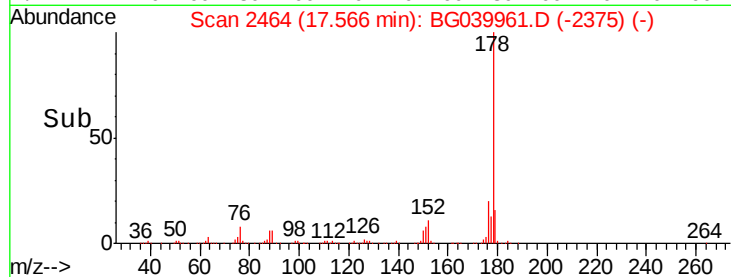
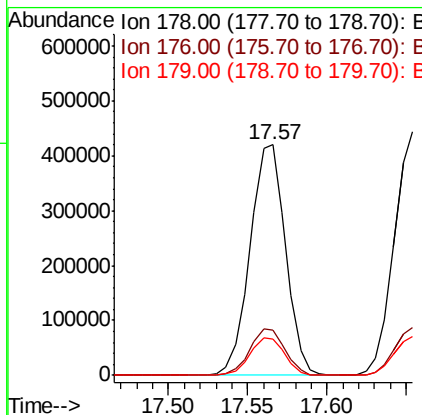
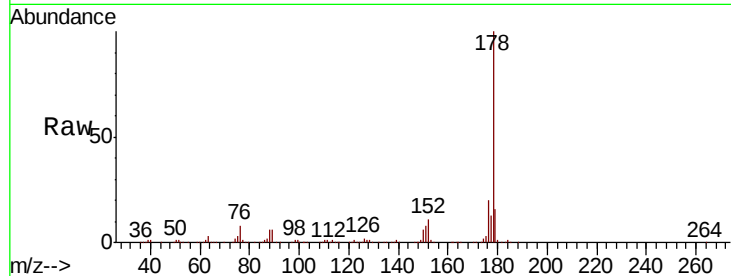
ClientSampleId :

PB117964BSD

Tot Ion:178	Resp:	653625
Ion Ratio	Lower	Upper
178	100	
176	19.6	16.2 24.4
179	15.5	12.6 19.0

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#72

Anthracene

Concen: 42.661 ng

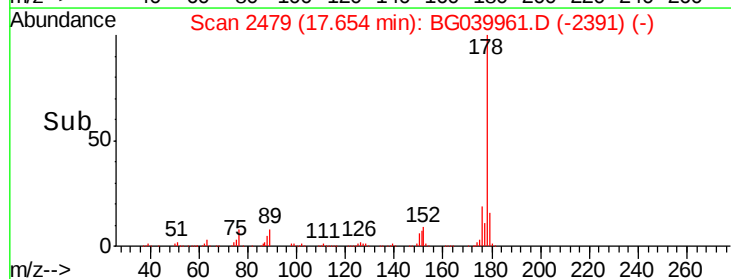
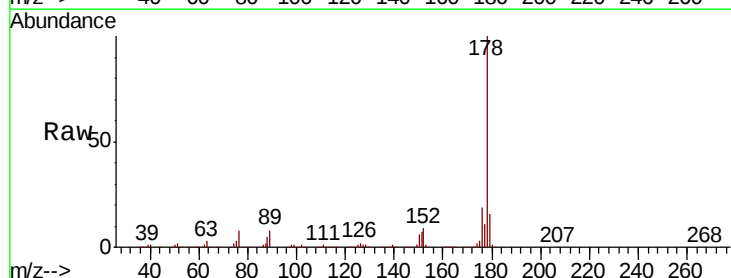
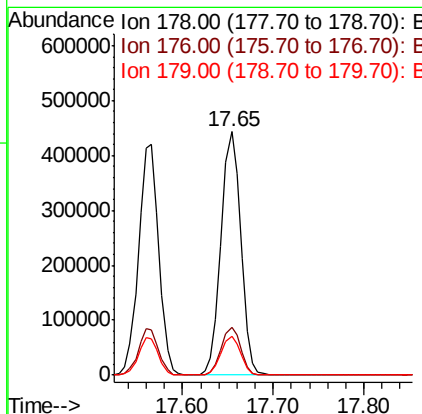
RT: 17.65 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Tgt Ion:178	Resp:	671819
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.8 23.6
179	16.0	12.5 18.7





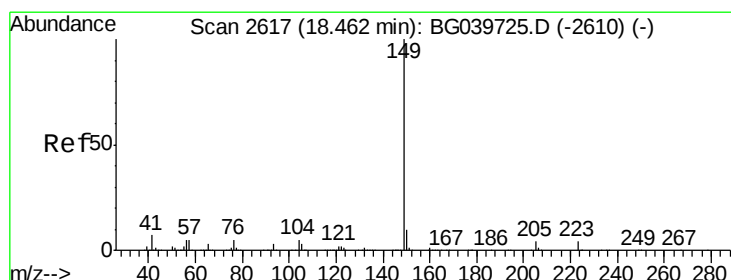
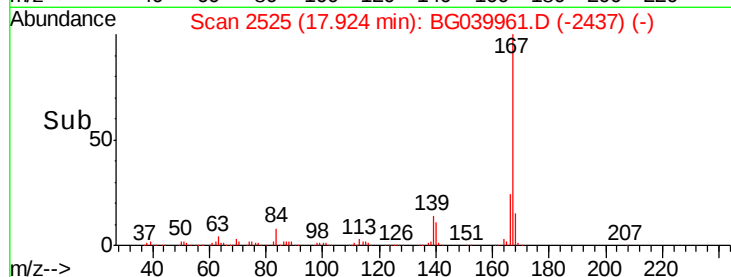
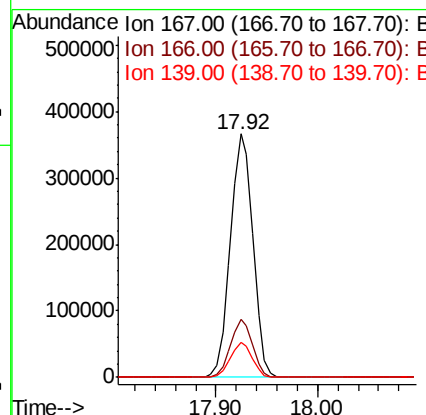
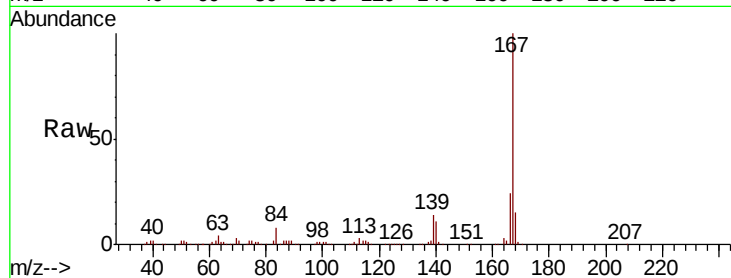
#73
 Carbazole
 Concen: 39.812 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.4	29.2
139	14.1	10.8	16.2

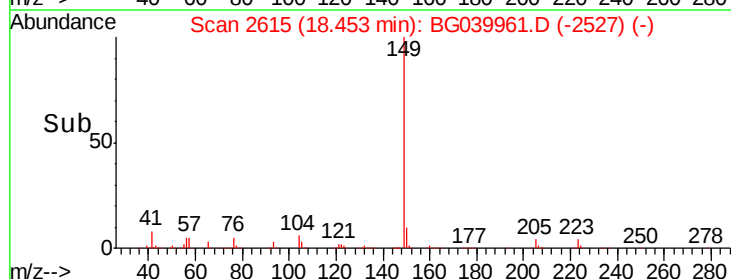
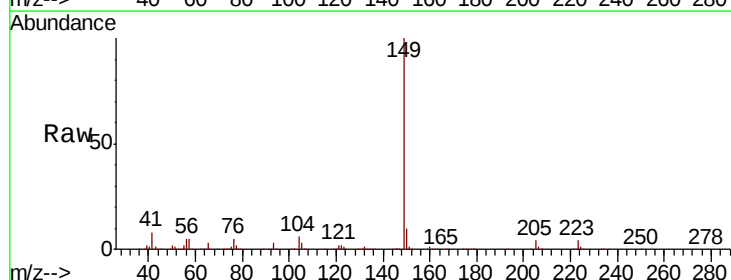
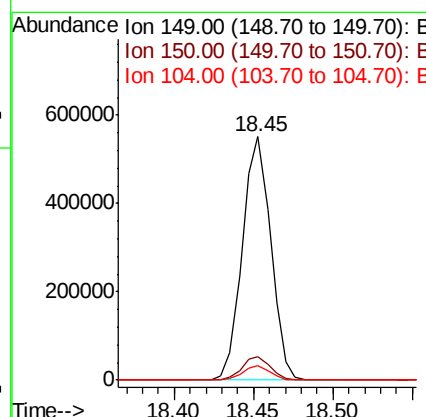
Manual Integrations
 APPROVED

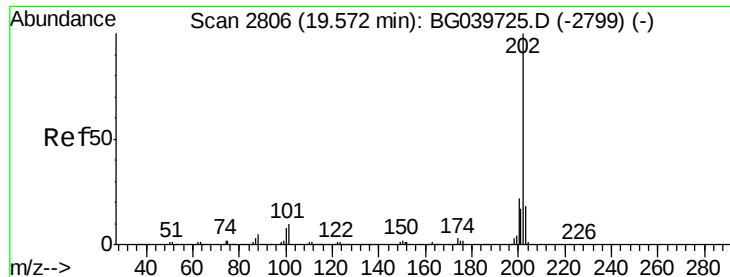
Sohil
 3/18/2019 3:02:48 PM



#74
 Di-n-butylphthalate
 Concen: 41.031 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039961.D
 Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.8	4.5	6.7





#75

Fluoranthene

Concen: 40.299 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Instrument :

BNA_G

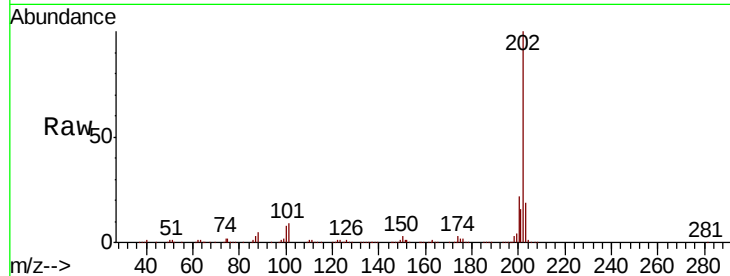
ClientSampleId :

PB117964BSD

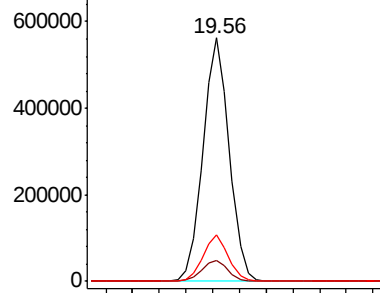
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	0.0	30.0
203	19.0	0.0	38.9

Manual Integrations
APPROVED

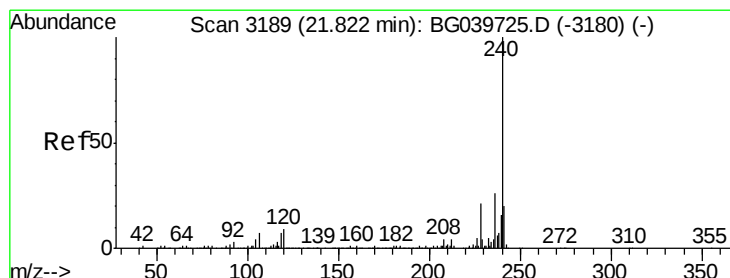
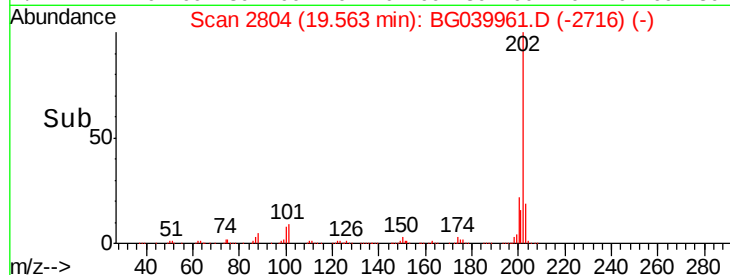
Sohil
3/18/2019 3:02:48 PM



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



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

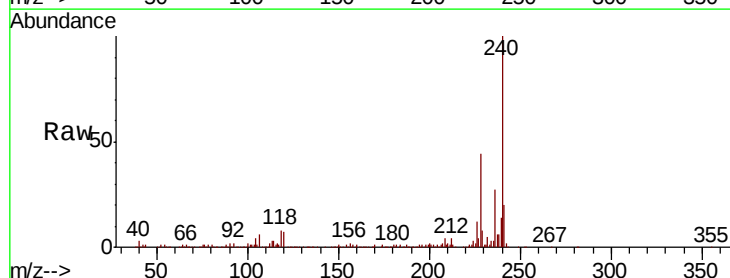
RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

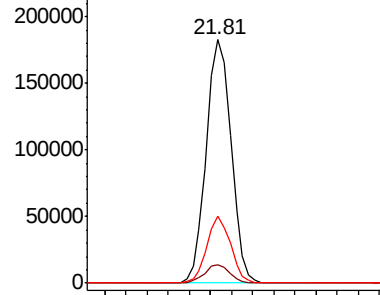
Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

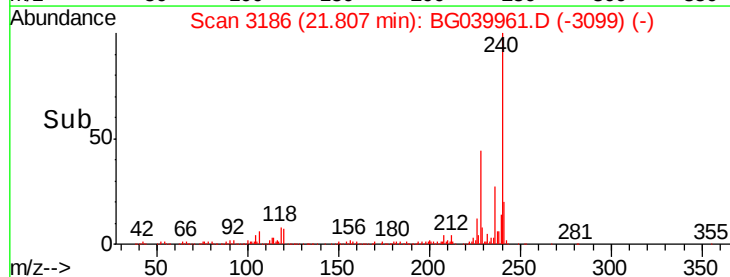
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.4	7.0	10.6
236	27.3	21.0	31.4

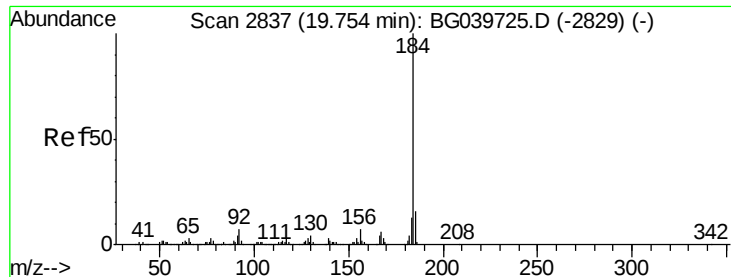


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 76.578 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Instrument :

BNA_G

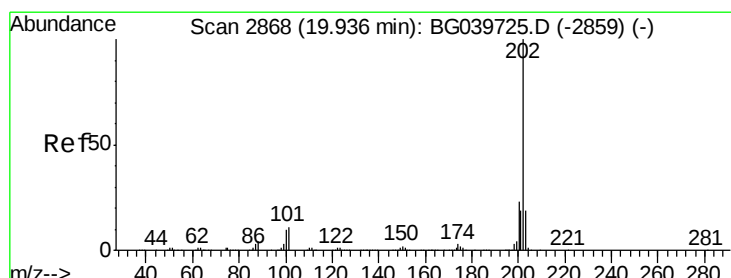
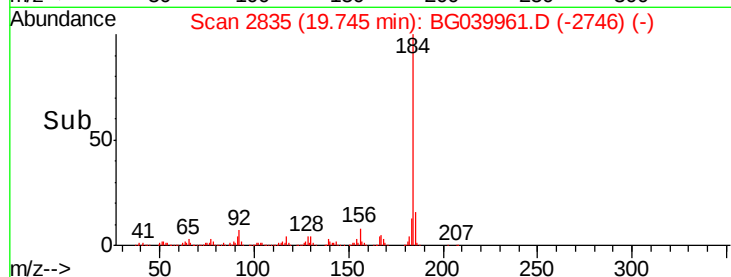
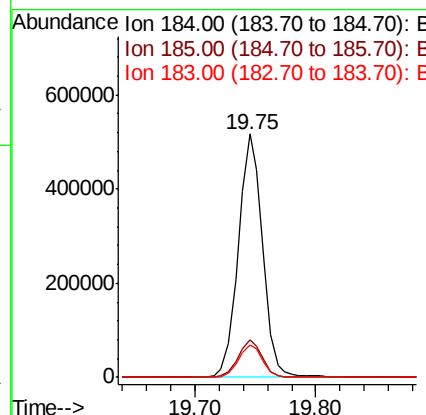
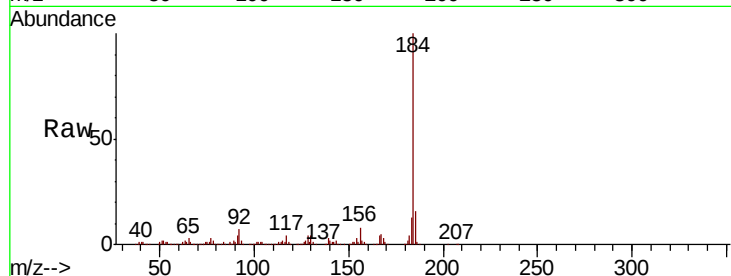
ClientSampleId :

PB117964BSD

Tot Ion:	184	Resp:	722044
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.2	18.2
183	13.4	10.6	15.8

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#78

Pyrene

Concen: 39.829 ng

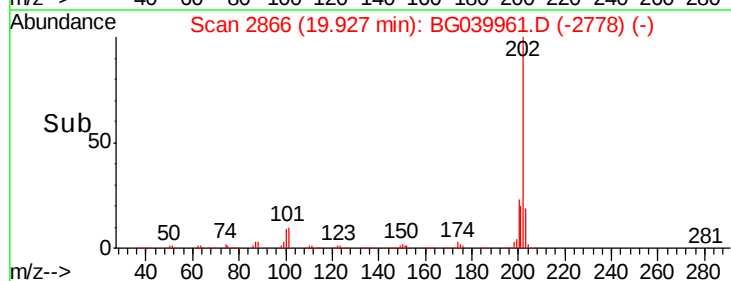
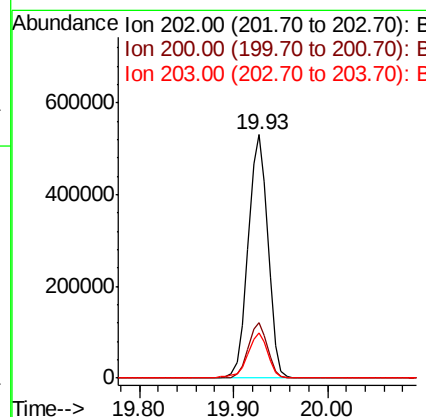
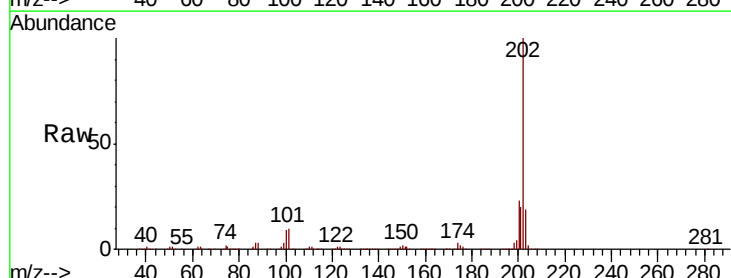
RT: 19.93 min Scan# 2866

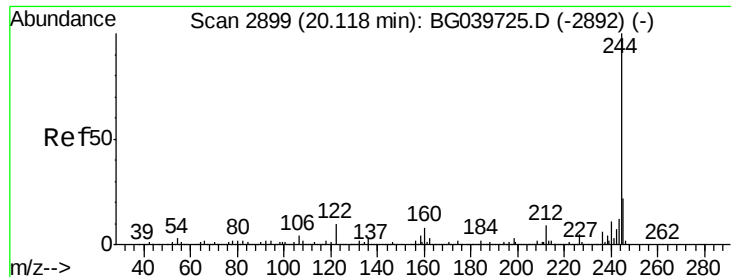
Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Tgt Ion:	202	Resp:	769006
Ion Ratio	Lower	Upper	
202	100		
200	22.8	17.8	26.8
203	18.7	15.3	22.9





#79

Terphenyl-d14

Concen: 84.324 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

Instrument :

BNA_G

ClientSampled :

PB117964BSD

Tot Ion:244 Resp: 1137940

Ion Ratio Lower Upper

244 100

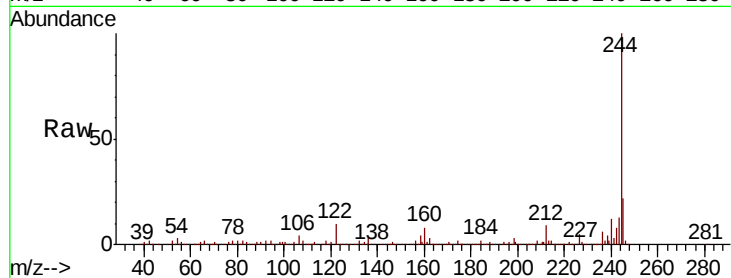
212 9.4 7.3 10.9

122 9.6 8.4 12.6

Manual Integrations
APPROVED

Sohil

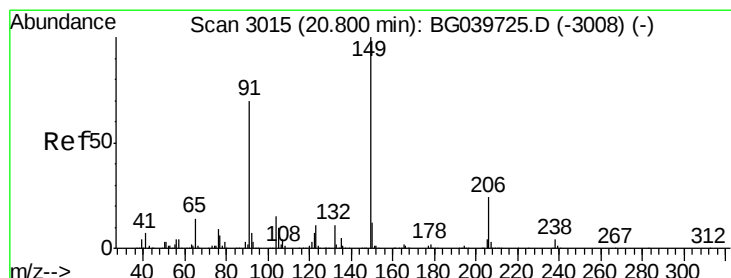
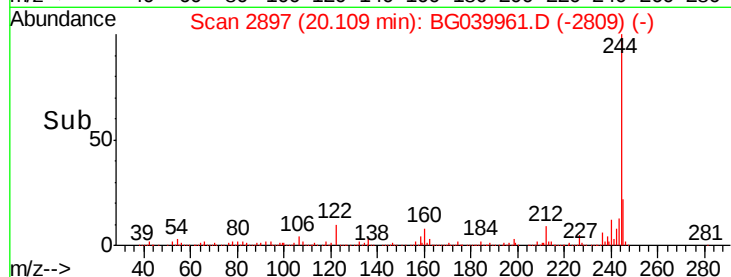
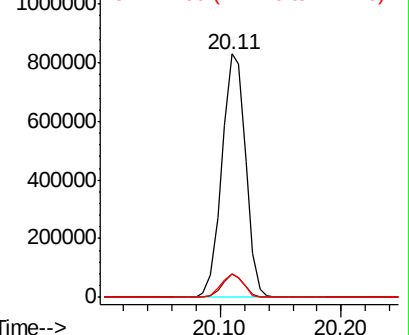
3/18/2019 3:02:48 PM



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: 43.686 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039961.D

Acq: 16 Mar 2019 4:33

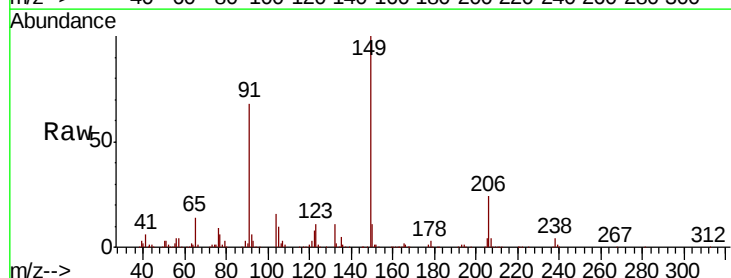
Tgt Ion:149 Resp: 326786

Ion Ratio Lower Upper

149 100

91 68.0 59.5 89.3

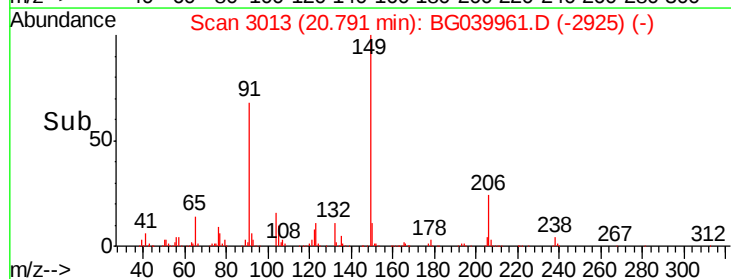
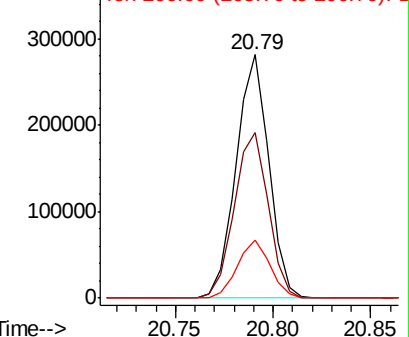
206 23.6 18.6 27.8



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





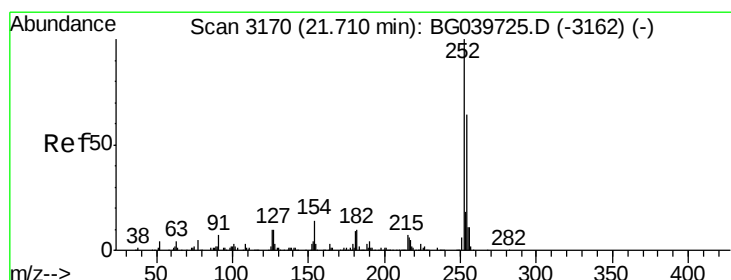
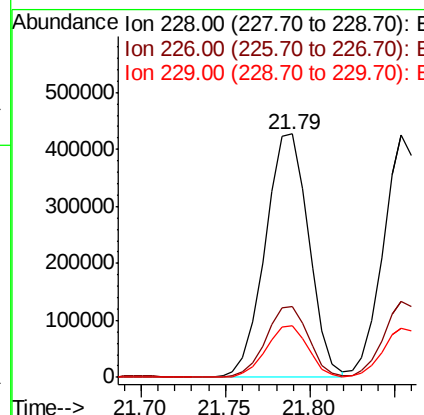
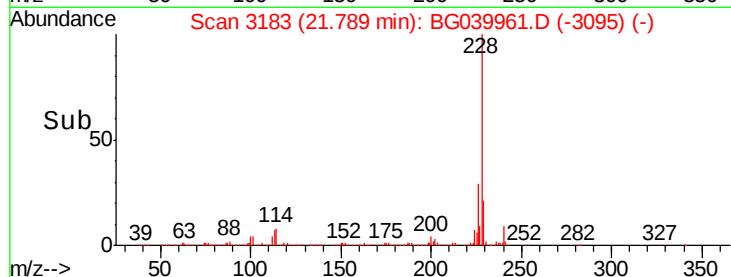
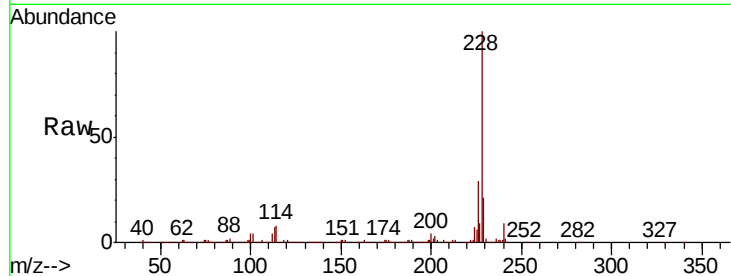
#81
Benzo(a)anthracene
Concen: 40.852 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	21.1	16.9	25.3

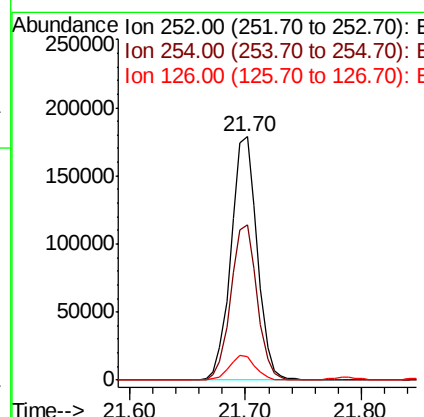
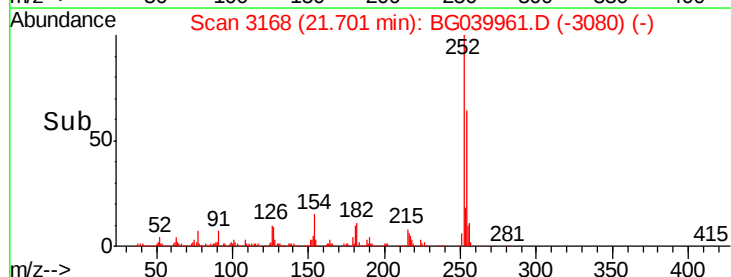
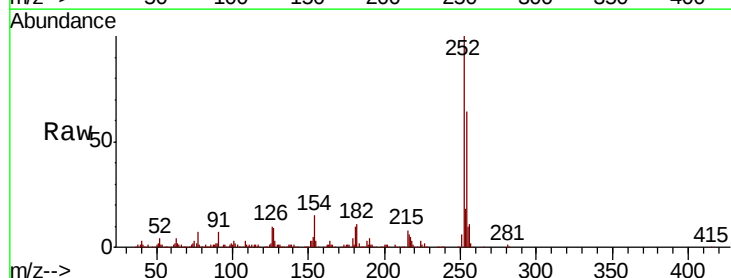
Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#82
3,3'-Dichlorobenzidine
Concen: 41.133 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.3	76.9
126	9.7	8.0	12.0





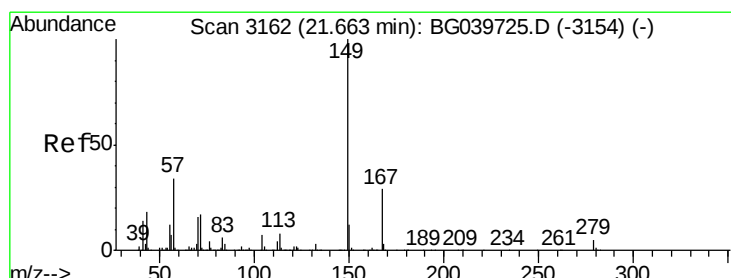
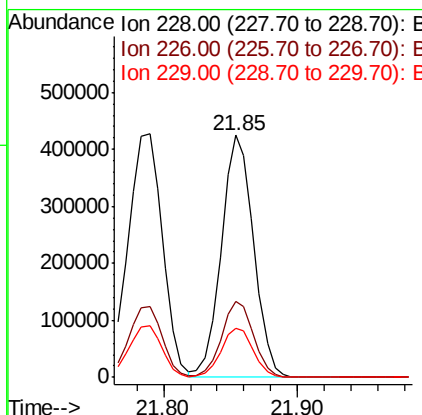
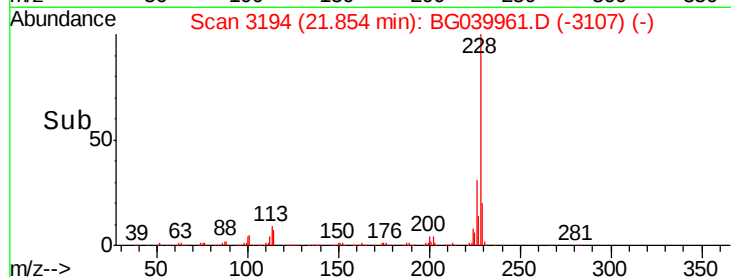
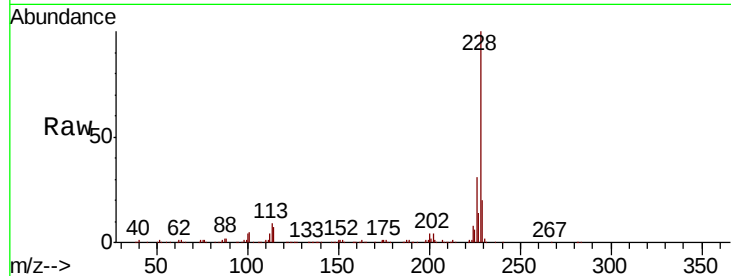
#83
Chrysene
Concen: 39.647 ng
RT: 21.85 min Scan# 3194
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion:	228	Resp:	715762
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.8	38.6
229	20.2	16.6	25.0

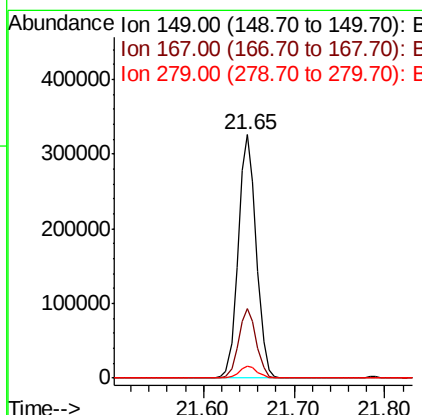
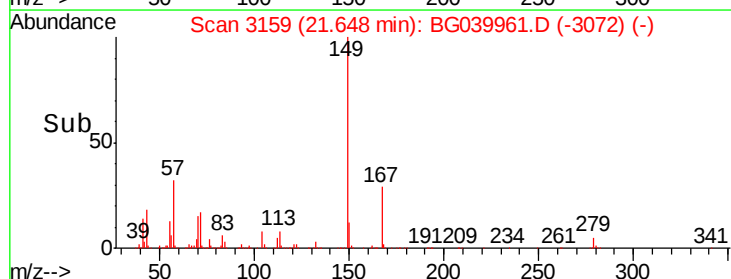
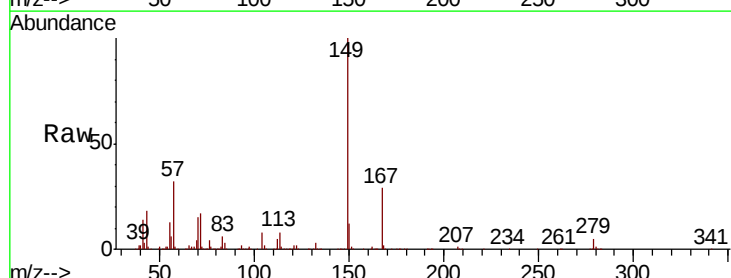
Manual Integrations
APPROVED

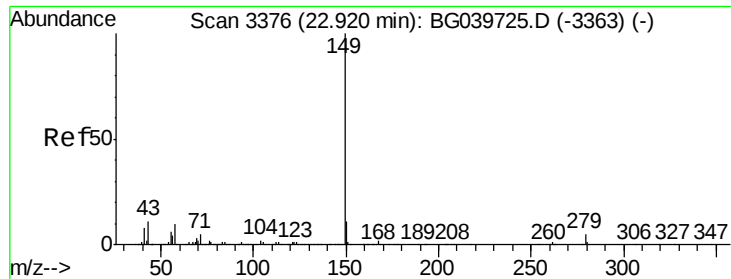
Sohil
3/18/2019 3:02:48 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.017 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion:	149	Resp:	452180
Ion Ratio	Lower	Upper	
149	100		
167	28.8	22.6	34.0
279	5.0	3.5	5.3





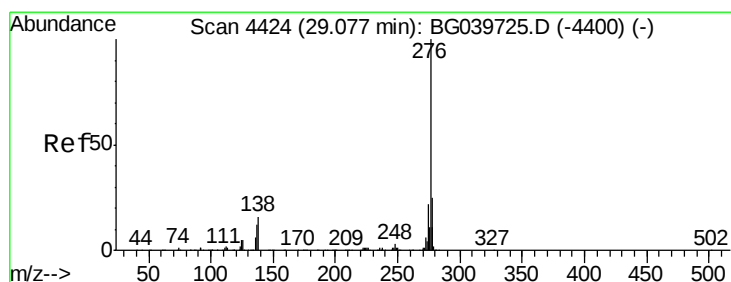
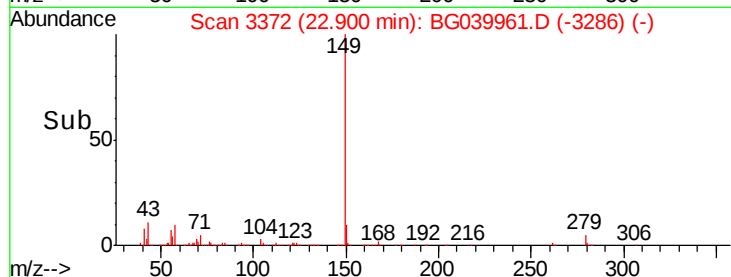
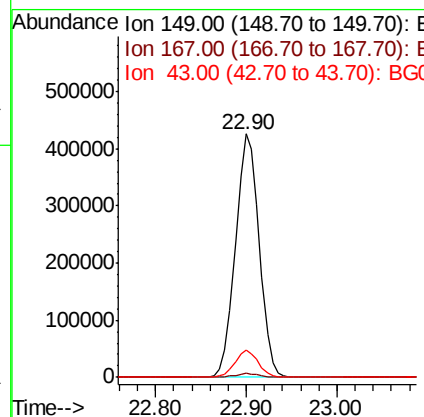
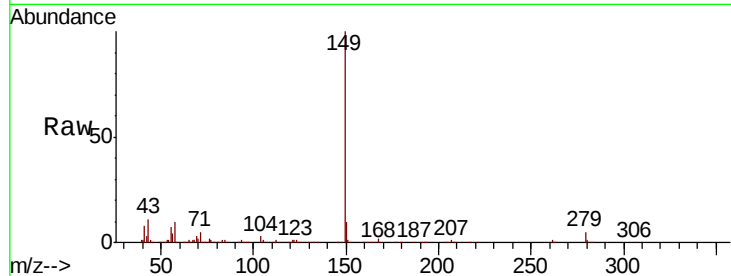
#85
Di-n-octyl phthalate
Concen: 44.462 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

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

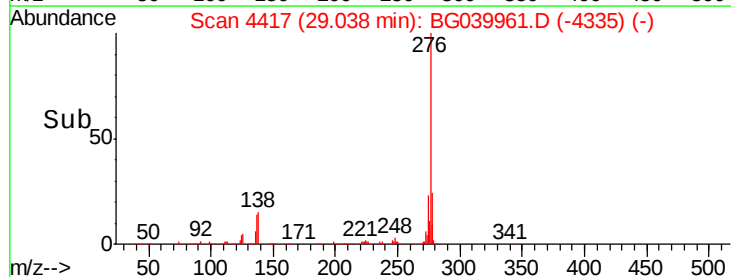
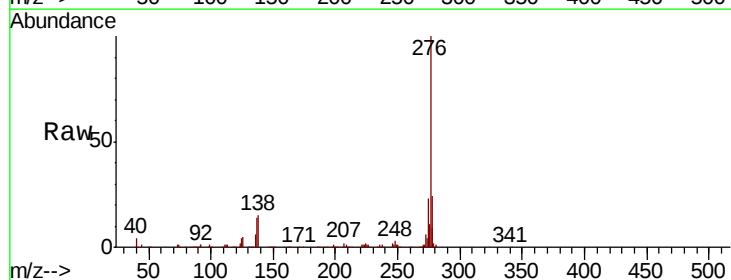
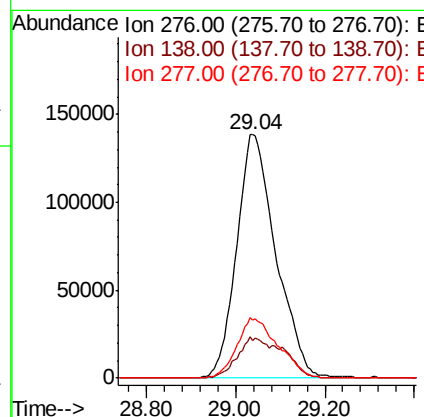
Manual Integrations
APPROVED

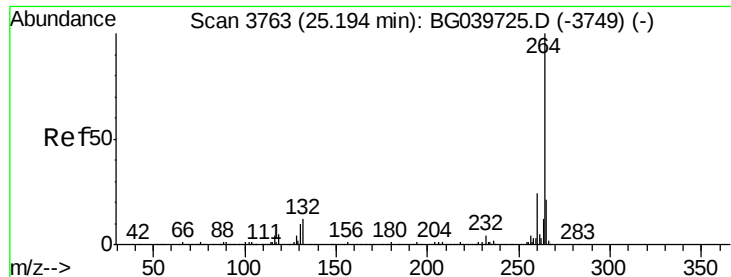
Sohil
3/18/2019 3:02:48 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.383 ng
RT: 29.04 min Scan# 4417
Delta R.T. -0.05 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	12.6	19.0#
277	25.8	20.8	31.2





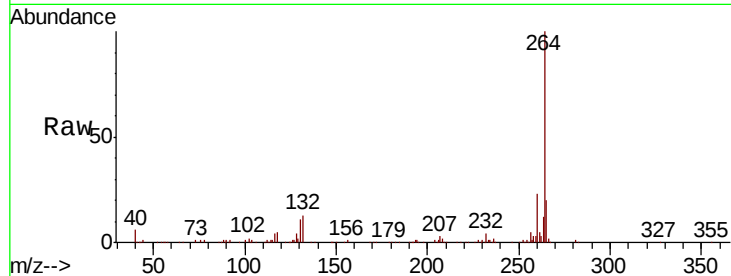
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampled :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	20.5	18.5	27.7

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM

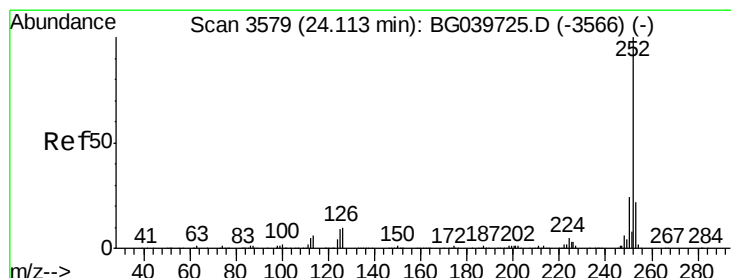
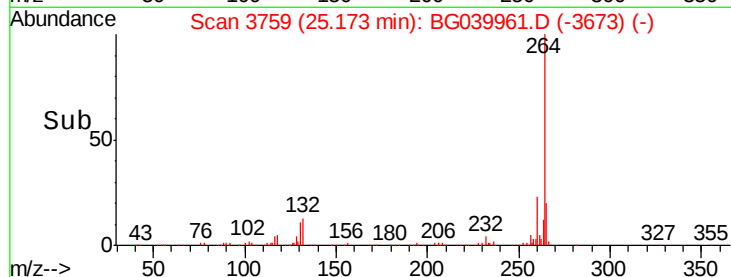
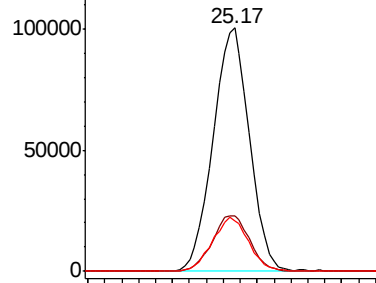


Abundance

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: 41.440 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.03 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

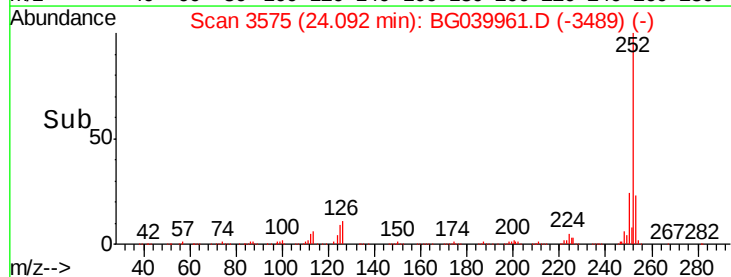
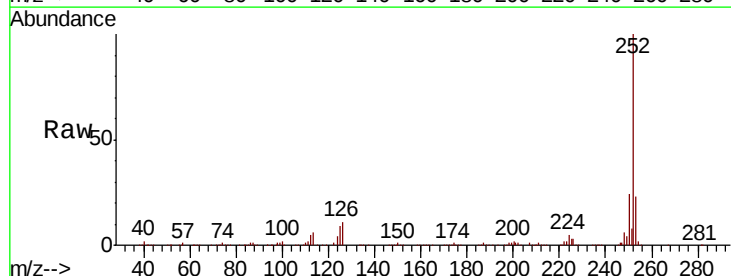
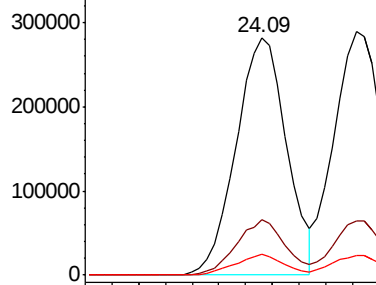
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	8.6	7.8	11.6

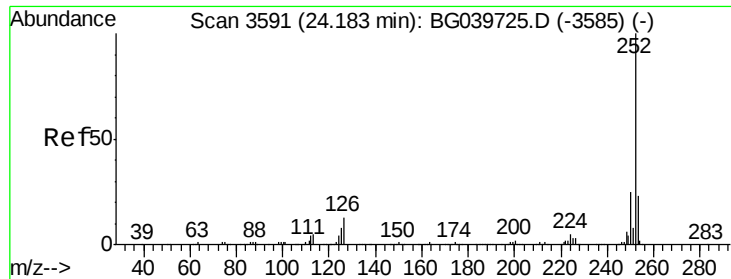
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





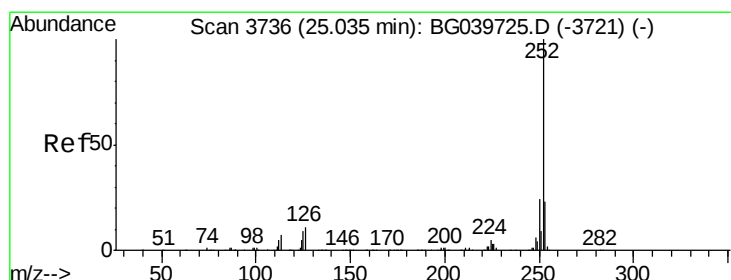
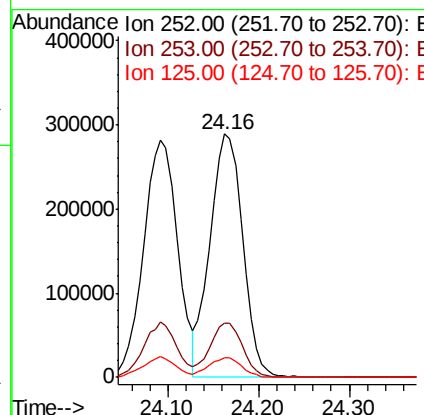
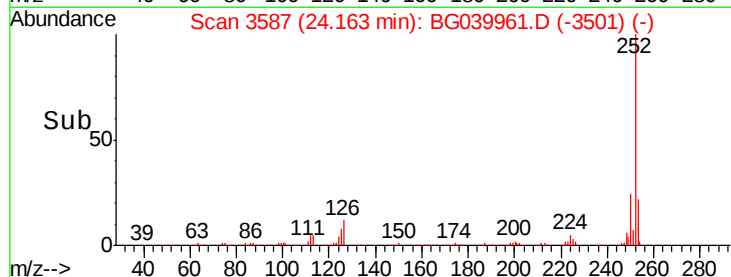
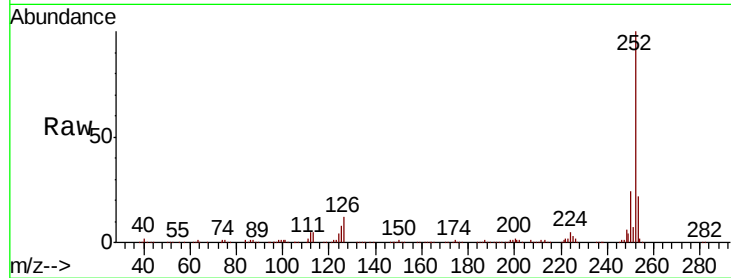
#89
Benzo(k)fluoranthene
Concen: 43.700 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.0	7.4	11.2

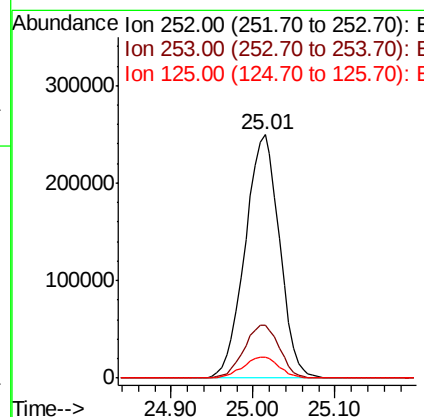
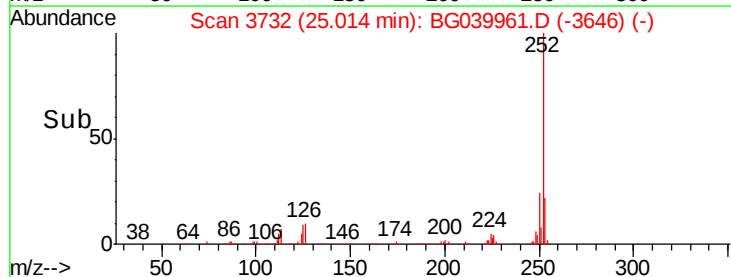
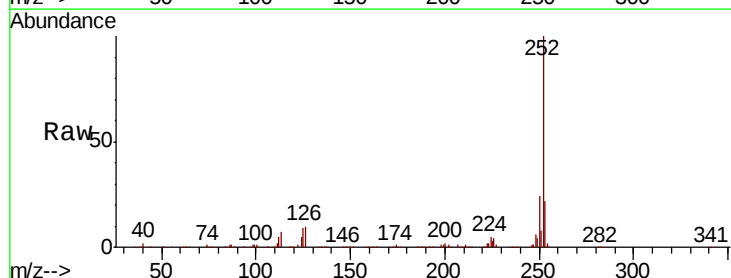
Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#90
Benzo(a)pyrene
Concen: 44.152 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	8.6	8.3	12.5





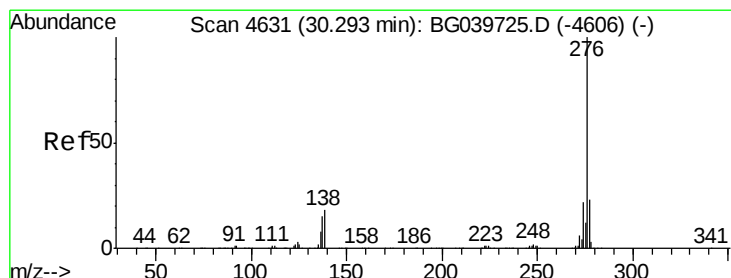
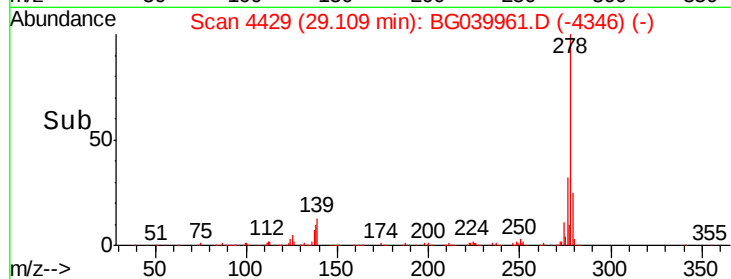
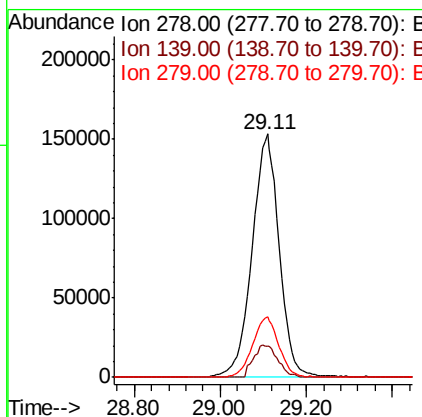
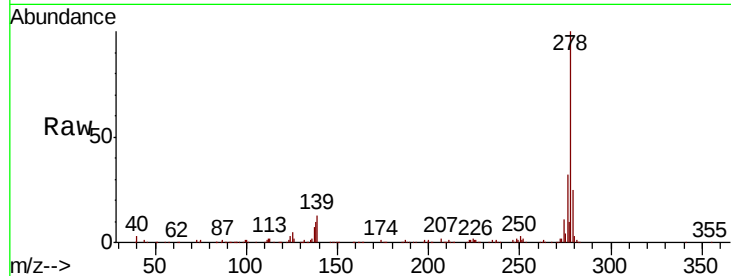
#91
Dibenzo(a,h)anthracene
Concen: 42.321 ng
RT: 29.11 min Scan# 4429
Delta R.T. -0.04 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.6	11.7	17.5
279	24.7	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:48 PM



#92
Benzo(g,h,i)perylene
Concen: 43.310 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG039961.D
Acq: 16 Mar 2019 4:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	16.5	14.7	22.1

