

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038041.D
 Acq On : 16 Nov 2018 19:57
 Operator : JU/SJ
 Sample : PB114874BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Manual Integrations
 APPROVED

Sohil
 11/19/2018 2:13:30 PM

Quant Time: Nov 17 03:06:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44266	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	193094	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116696	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	271733	20.00	ng	0.00
76) Chrysene-d12	21.76	240	254527	20.00	ng	0.00
87) Perylene-d12	25.08	264	243789	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	386947	150.93	ng	0.00
7) Phenol-d6	7.24	99	511286	139.71	ng	0.00
23) Nitrobenzene-d5	9.26	82	248000	68.75	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	172909	129.92	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	546311	68.20	ng	0.00
79) Terphenyl-d14	20.07	244	885549	81.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	41638	34.383	ng	96
3) Pyridine	3.92	79	110787	32.071	ng	97
4) n-Nitrosodimethylamine	3.84	42	60077	47.937	ng	99
6) Aniline	7.41	93	169549	35.896	ng	97
8) 2-Chlorophenol	7.64	128	140738	47.309	ng	98
9) Benzaldehyde	7.23	77	78939	29.826	ng	94
10) Phenol	7.26	94	183042	47.219	ng	99
11) bis(2-Chloroethyl)ether	7.50	93	135283	42.748	ng	99
12) 1,3-Dichlorobenzene	7.97	146	140993	41.140	ng	98
13) 1,4-Dichlorobenzene	8.12	146	143087	41.331	ng	100
14) 1,2-Dichlorobenzene	8.44	146	137183	41.505	ng	99
15) Benzyl Alcohol	8.33	79	120233	45.403	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	256365	43.626	ng	97
17) 2-Methylphenol	8.52	107	123364	47.071	ng	98
18) Hexachloroethane	9.17	117	52788	41.897	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	109404	41.314	ng	96
20) 3+4-Methylphenols	8.85	107	169315	45.573	ng	97
22) Acetophenone	8.91	105	202493	42.148	ng	99
24) Nitrobenzene	9.31	77	161265	43.703	ng	94
25) Isophorone	9.82	82	298083	45.911	ng	98
26) 2-Nitrophenol	10.02	139	77480	42.060	ng	98
27) 2,4-Dimethylphenol	10.06	122	140328	50.559	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	182936	44.063	ng	99
29) 2,4-Dichlorophenol	10.55	162	140296	44.939	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	144653	41.348	ng	100
31) Naphthalene	10.96	128	429757	45.250	ng	99
32) Benzoic acid	10.19	122	76710m	44.227	ng	
33) 4-Chloroaniline	11.07	127	113807	25.761	ng	98
34) Hexachlorobutadiene	11.22	225	86321	40.091	ng	97
35) Caprolactam	11.86	113	50071m	40.069	ng	
36) 4-Chloro-3-methylphenol	12.17	107	148021	43.398	ng	99
37) 2-Methylnaphthalene	12.56	142	312776	45.848	ng	99
38) 1-Methylnaphthalene	12.77	142	297928	45.370	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	159581	40.924	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038041.D
 Acq On : 16 Nov 2018 19:57
 Operator : JU/SJ
 Sample : PB114874BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

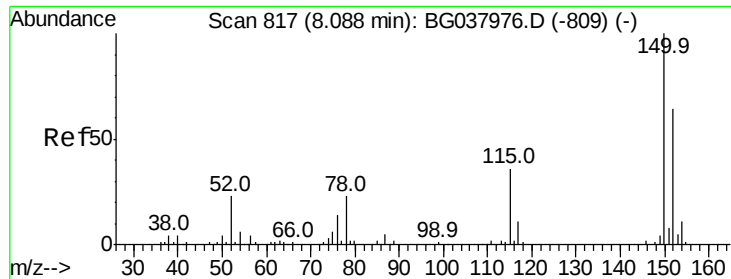
Manual Integrations
 APPROVED

Sohil
 11/19/2018 2:13:30 PM

Quant Time: Nov 17 03:06:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	186393	89.266	nq	98
43) 2,4,6-Trichlorophenol	13.15	196	113673	42.779	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	121709	43.531	nq	97
46) 1,1'-Biphenyl	13.55	154	394271	40.216	nq	99
47) 2-Chloronaphthalene	13.60	162	311130	41.589	nq	100
48) 2-Nitroaniline	13.81	65	105044	44.614	nq	97
49) Acenaphthylene	14.45	152	515362	45.810	nq	98
50) Dimethylphthalate	14.17	163	400035	43.241	nq	99
51) 2,6-Dinitrotoluene	14.30	165	91203	43.558	nq	98
52) Acenaphthene	14.79	154	295933	43.695	nq	99
53) 3-Nitroaniline	14.64	138	77877	33.706	nq	# 93
54) 2,4-Dinitrophenol	14.84	184	98937	86.675	nq	95
55) Dibenzofuran	15.12	168	482310	43.067	nq	98
56) 4-Nitrophenol	14.93	139	164061	92.068	nq	97
57) 2,4-Dinitrotoluene	15.09	165	128183	44.995	nq	99
58) Fluorene	15.77	166	387257	46.346	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	109261	46.702	nq	96
60) Diethylphthalate	15.52	149	410925	41.819	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	199728	40.850	nq	99
62) 4-Nitroaniline	15.80	138	106022	46.192	nq	93
63) Azobenzene	16.05	77	387020	44.050	nq	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	72044	41.917	nq	95
66) n-Nitrosodiphenylamine	15.98	169	347212	42.236	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	122853	41.191	nq	96
68) Hexachlorobenzene	16.76	284	125744	40.845	nq	99
69) Atrazine	16.92	200	131419	43.367	nq	98
70) Pentachlorophenol	17.11	266	161228	77.112	nq	97
71) Phenanthrene	17.51	178	651769	46.848	nq	100
72) Anthracene	17.60	178	657128	47.917	nq	98
73) Carbazole	17.88	167	609933	44.329	nq	99
74) Di-n-butylphthalate	18.41	149	723997	46.875	nq	99
75) Fluoranthene	19.52	202	774111	48.769	nq	99
77) Benzidine	19.70	184	386167	43.238	nq	98
78) Pyrene	19.88	202	769127	46.218	nq	99
80) Butylbenzylphthalate	20.75	149	341496	46.925	nq	99
81) Benzo(a)anthracene	21.73	228	739118	48.053	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	179854	30.018	nq	98
83) Chrysene	21.80	228	689819	46.874	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	479805	46.231	nq	99
85) Di-n-octyl phthalate	22.84	149	820882	48.891	nq	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	822555	50.325	nq	# 96
88) Benzo(b)fluoranthene	24.01	252	726103	54.123	nq	99
89) Benzo(k)fluoranthene	24.08	252	702788	53.088	nq	98
90) Benzo(a)pyrene	24.92	252	708457	55.257	nq	98
91) Dibenzo(a,h)anthracene	28.96	278	675557	54.762	nq	96
92) Benzo(g,h,i)perylene	30.10	276	682569	55.647	nq	99

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



#1

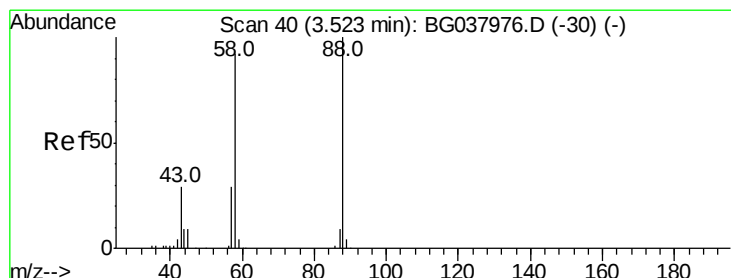
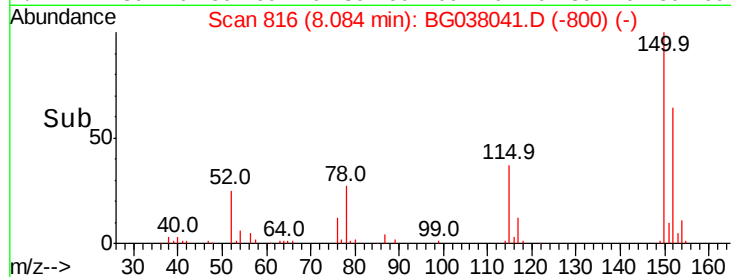
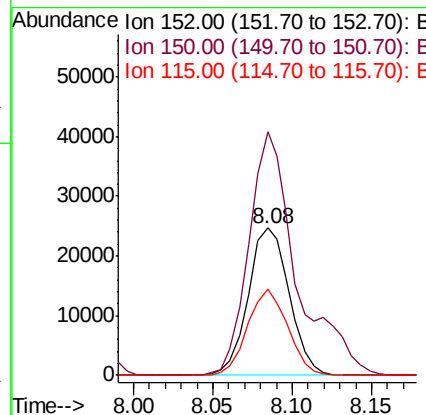
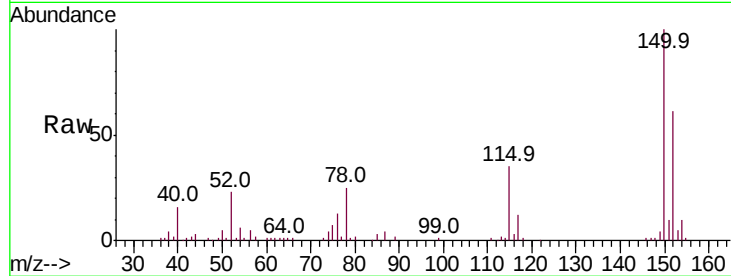
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampled :
PB114874BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.1	126.0	189.0
115	58.3	45.5	68.3

Manual Integrations
APPROVED

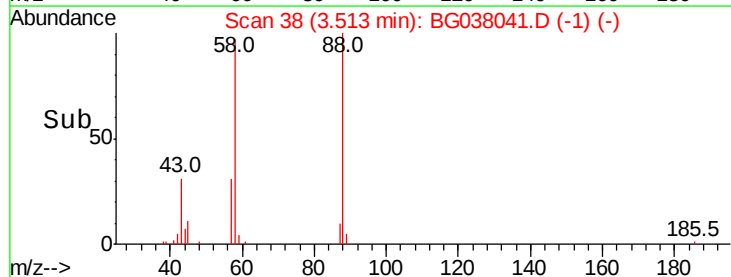
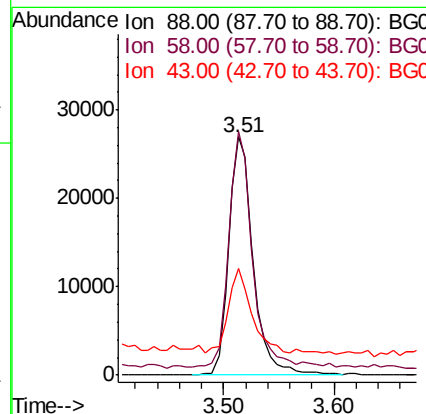
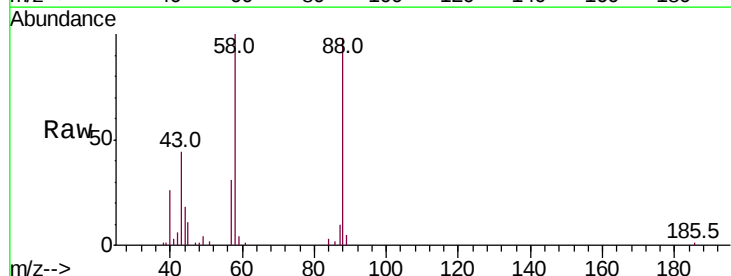
Sohil
11/19/2018 2:13:30 PM

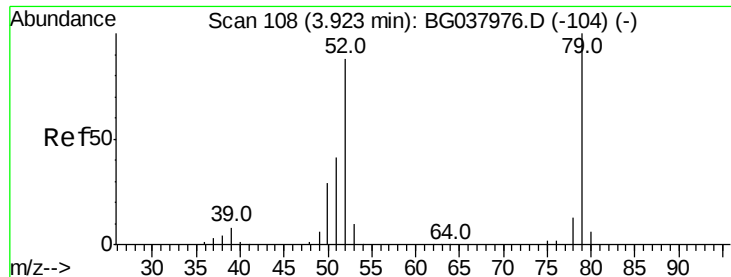


#2

1,4-Dioxane
Concen: 34.383 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.5	74.4	111.6
43	34.1	25.8	38.8





#3

Pvridine

Concen: 32.071 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

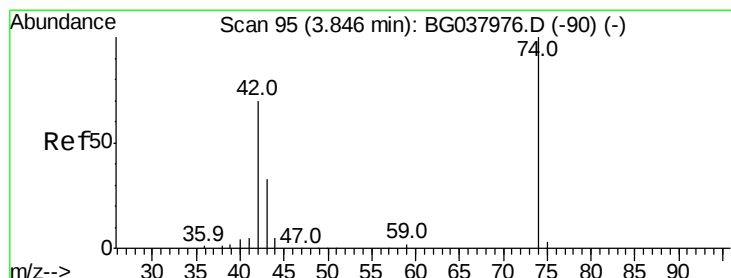
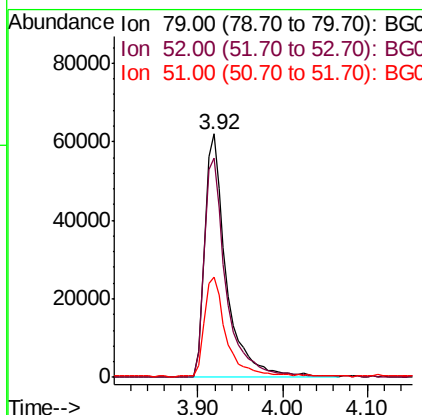
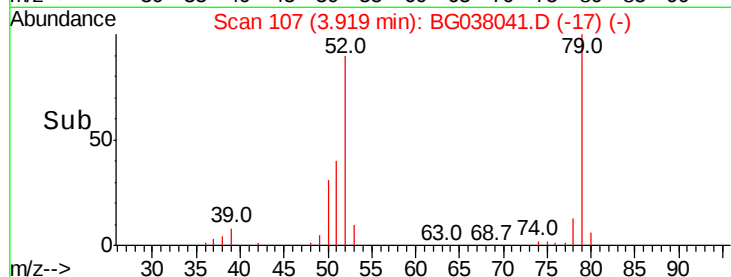
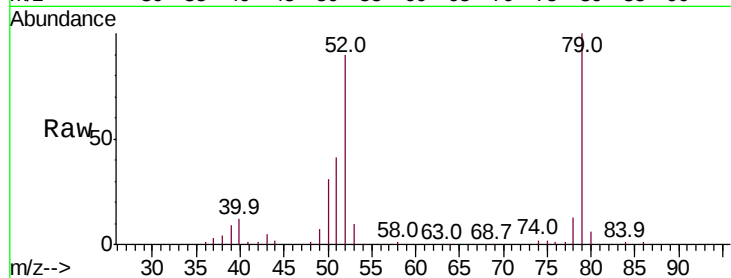
ClientSampleId :

PB114874BS

Tot Ion:	79	Resp:	110787
Ion	Ratio	Lower	Upper
79	100		
52	90.0	74.2	111.2
51	41.2	34.6	51.8

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



#4

n-Nitrosodimethylamine

Concen: 47.937 ng

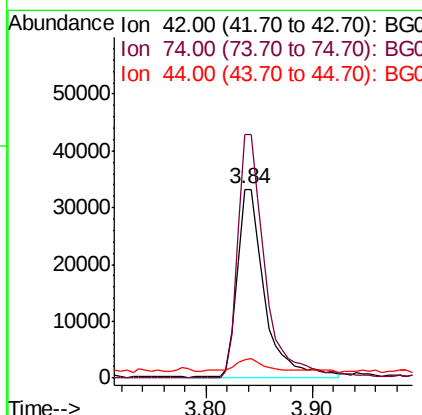
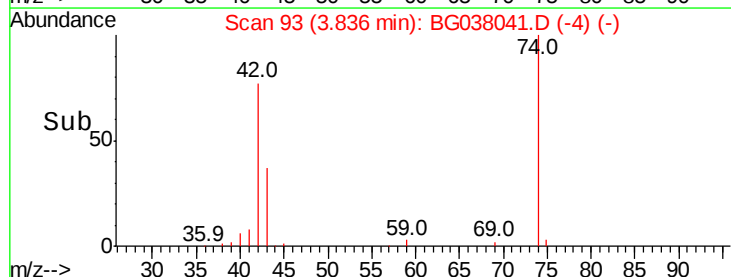
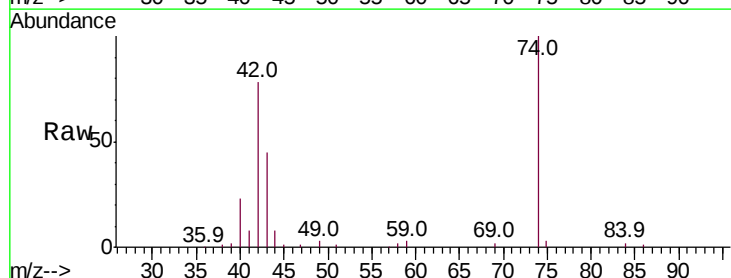
RT: 3.84 min Scan# 93

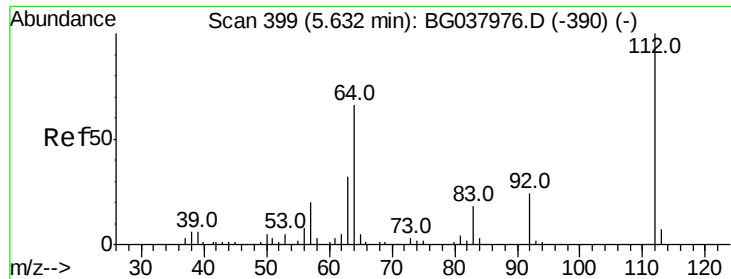
Delta R.T. -0.01 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Tgt Ion:	42	Resp:	60077
Ion	Ratio	Lower	Upper
42	100		
74	128.7	102.0	153.0
44	9.7	9.6	14.4





#5

2-Fluorophenol

Concen: 150.926 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

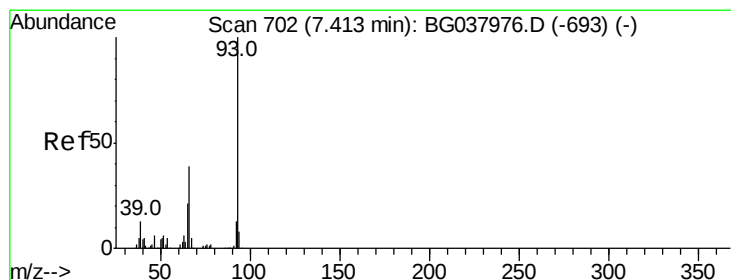
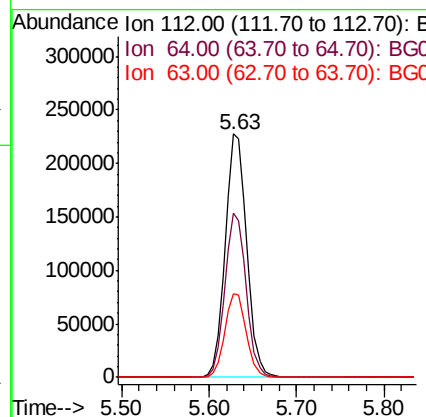
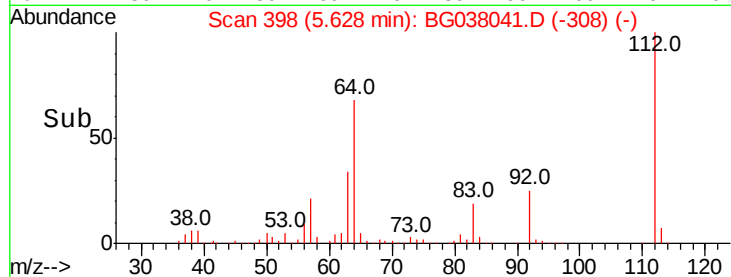
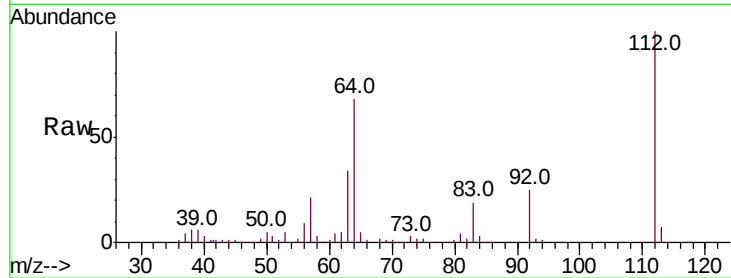
ClientSampleId :

PB114874BS

Tot Ion:	112	Resp:	386947
Ion Ratio	Lower	Upper	
112	100		
64	67.6	53.1	79.7
63	34.3	27.3	40.9

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



#6

Aniline

Concen: 35.896 ng

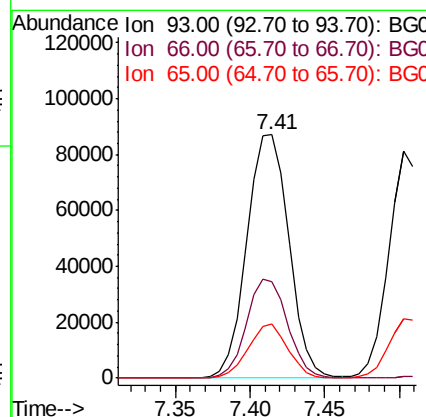
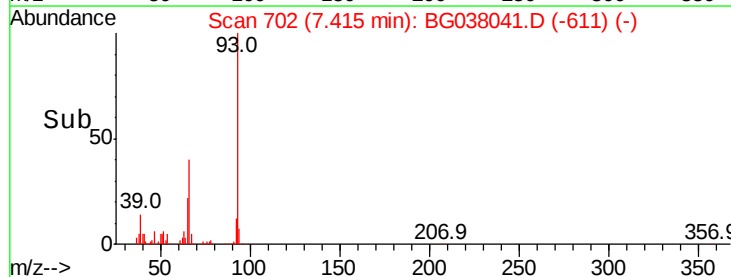
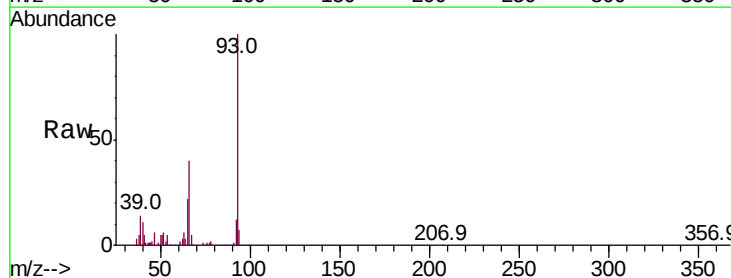
RT: 7.41 min Scan# 702

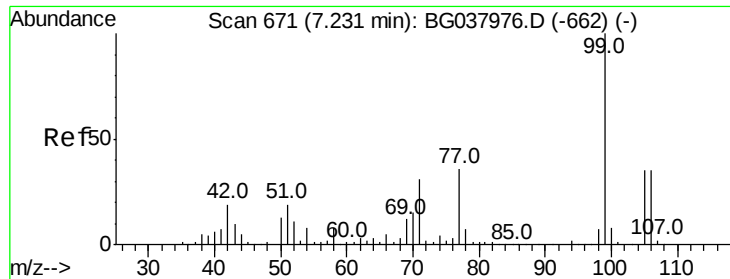
Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Tgt Ion:	93	Resp:	169549
Ion Ratio	Lower	Upper	
93	100		
66	39.7	32.8	49.2
65	22.3	16.4	24.6





#7

Phenol-d6

Concen: 139.707 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

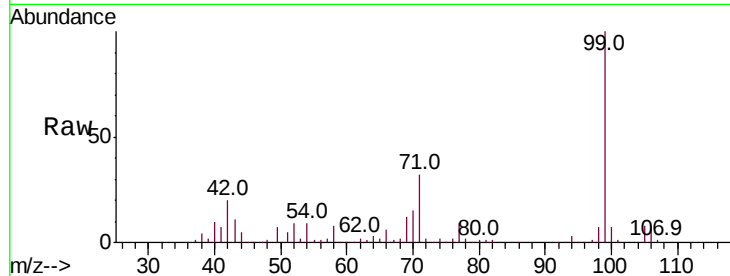
ClientSampleId :

PB114874BS

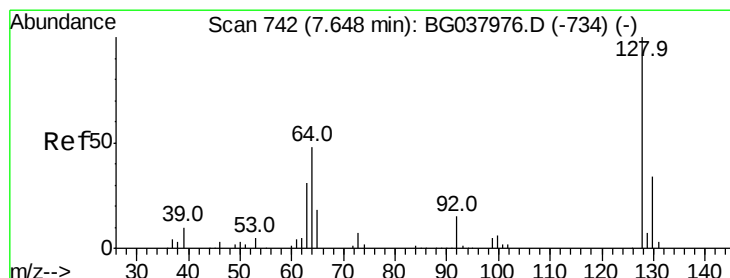
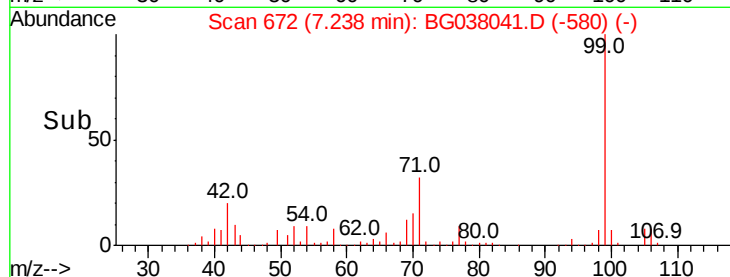
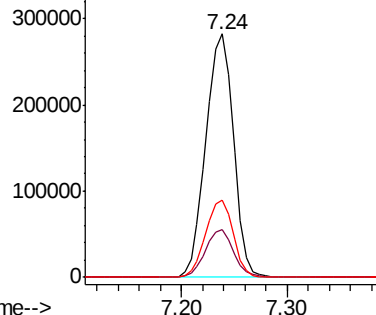
Tot Ion:	99	Resp:	511286
Ion Ratio	Lower	Upper	
99	100		
42	19.6	15.0	22.4
71	31.8	25.5	38.3

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



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



#8

2-Chlorophenol

Concen: 47.309 ng

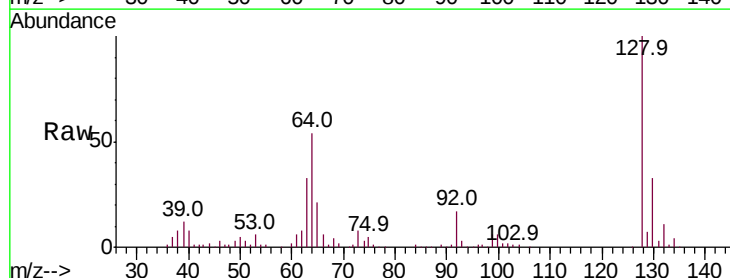
RT: 7.64 min Scan# 741

Delta R.T. -0.00 min

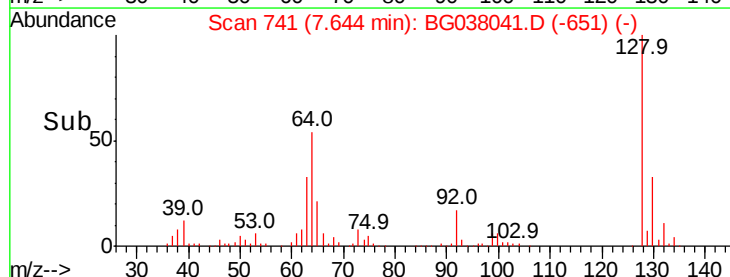
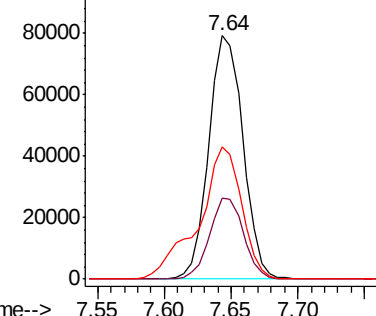
Lab File: BG038041.D

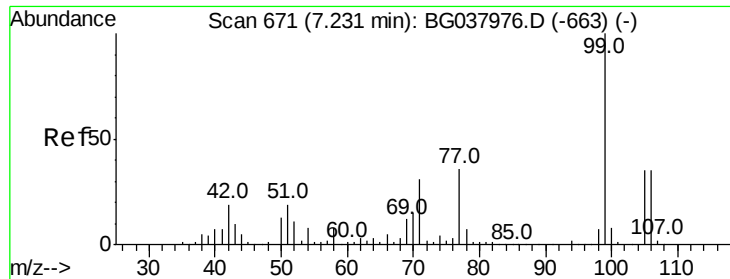
Acq: 16 Nov 2018 19:57

Tgt Ion:	128	Resp:	140738
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.0	52.0
64	54.3	32.9	72.9



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





#9

Benzaldehyde

Concen: 29.826 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampled :

PB114874BS

Tot Ion: 77 Resp: 78939

Ion Ratio Lower Upper

77 100

105 100.0 72.6 112.6

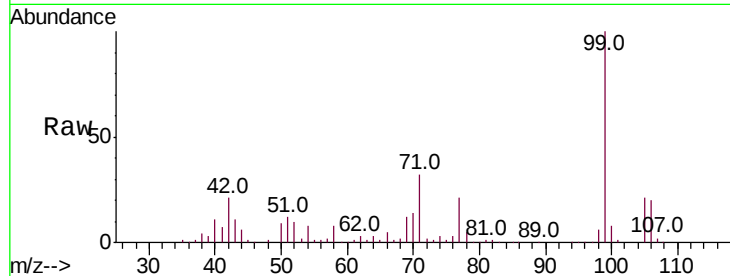
106 94.4 71.3 111.3

Manual Integrations

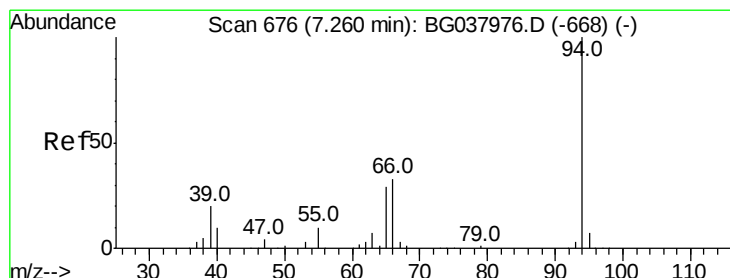
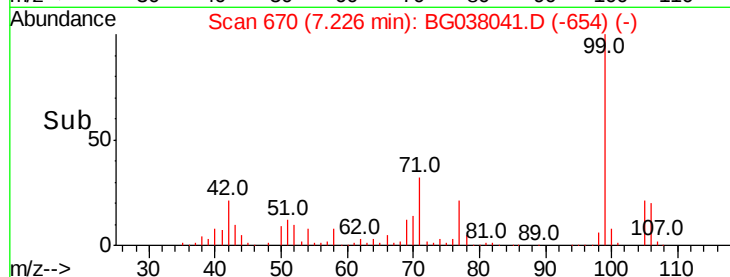
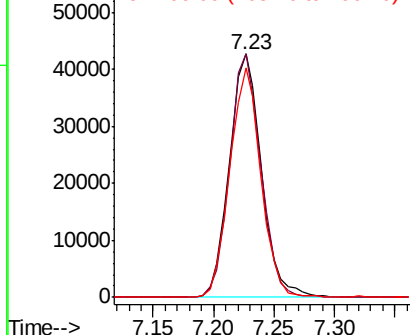
APPROVED

Sohil

11/19/2018 2:13:30 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: 47.219 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

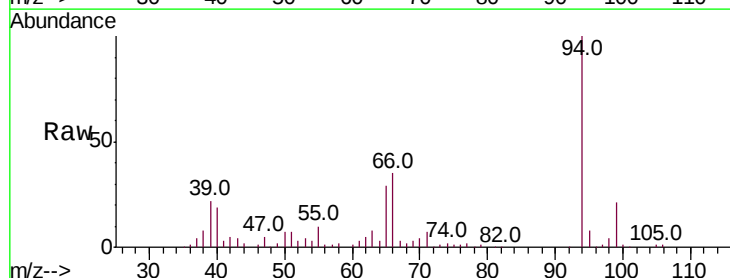
Tgt Ion: 94 Resp: 183042

Ion Ratio Lower Upper

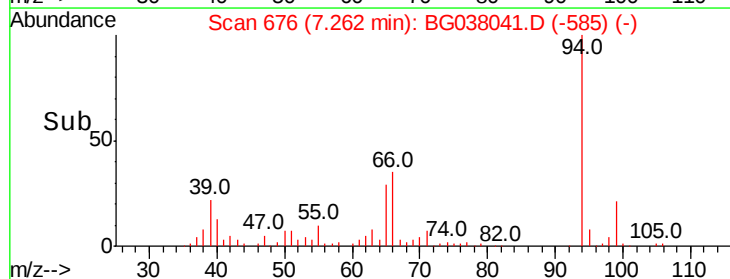
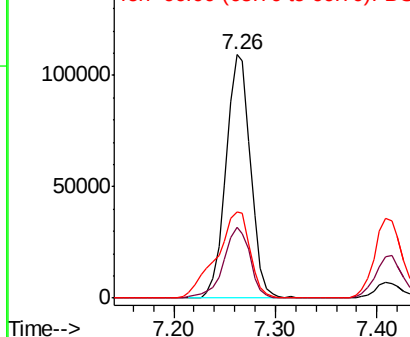
94 100

65 29.1 9.7 49.7

66 35.2 15.9 55.9



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





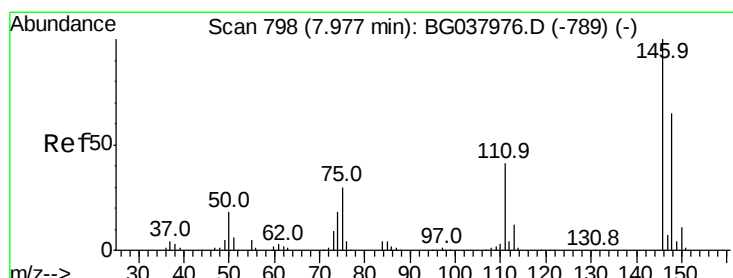
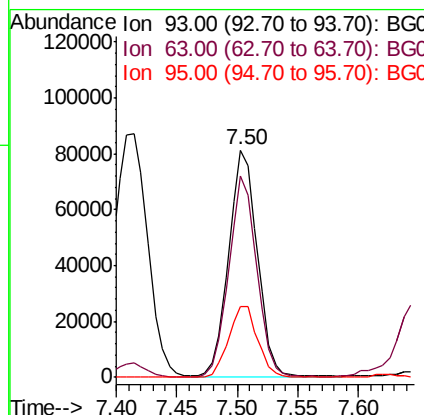
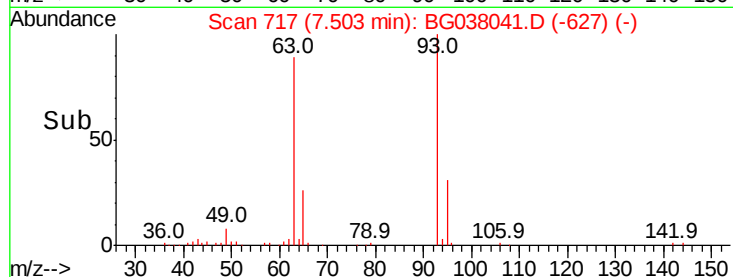
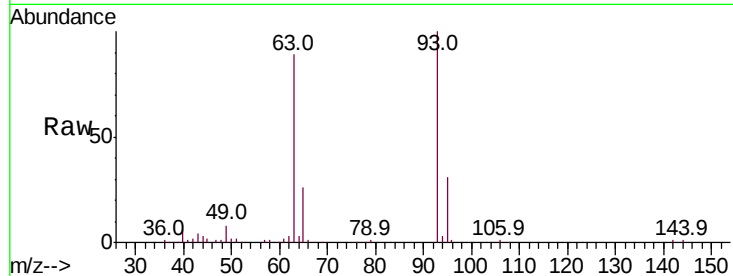
#11
bis(2-Chloroethyl)ether
Concen: 42.748 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion:	93	Resp:	135283
Ion	Ratio	Lower	Upper
93	100		
63	88.6	69.5	109.5
95	31.3	12.6	52.6

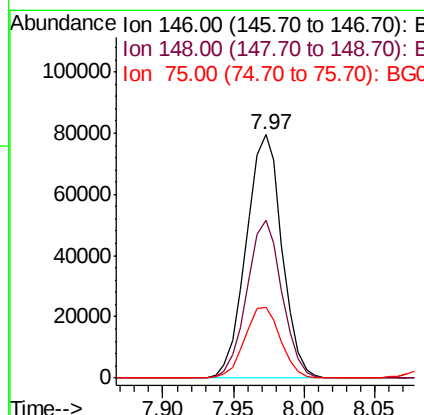
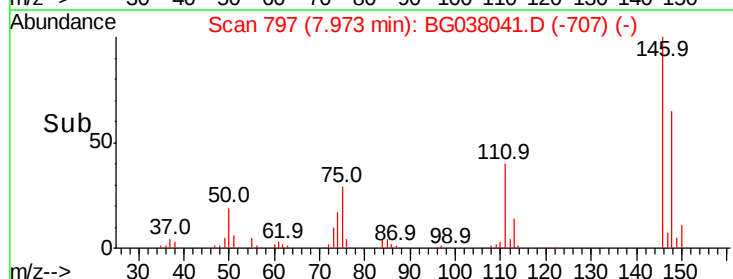
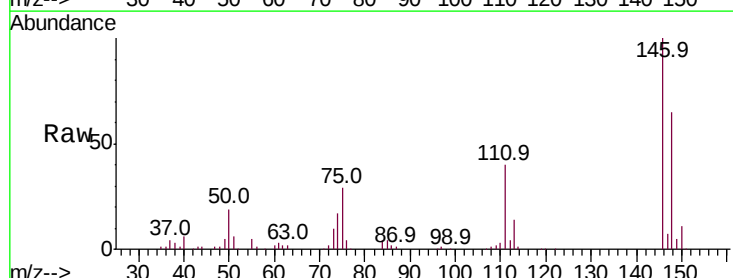
Manual Integrations
APPROVED

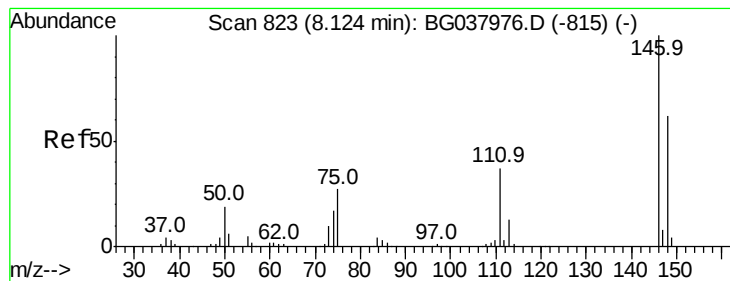
Sohil
11/19/2018 2:13:30 PM



#12
1,3-Dichlorobenzene
Concen: 41.140 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion:	146	Resp:	140993
Ion	Ratio	Lower	Upper
146	100		
148	64.9	49.8	74.8
75	29.3	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 41.331 ng

RT: 8.12 min Scan# 822

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

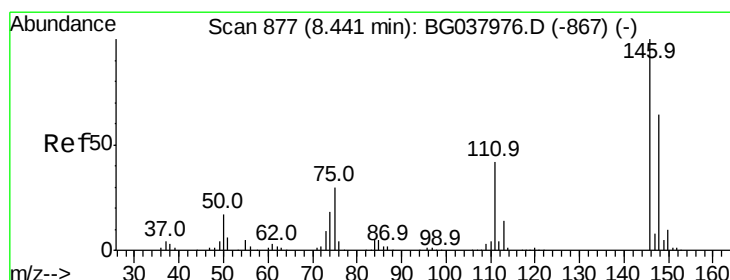
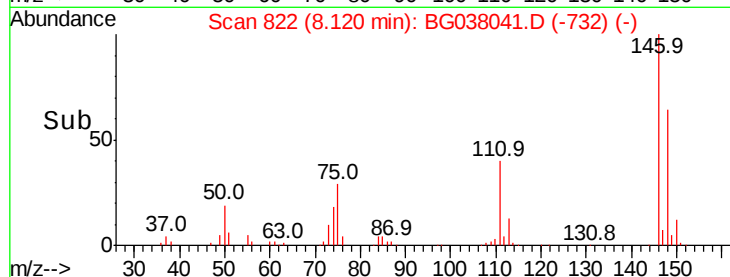
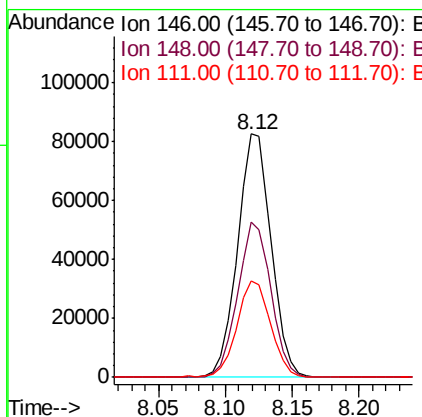
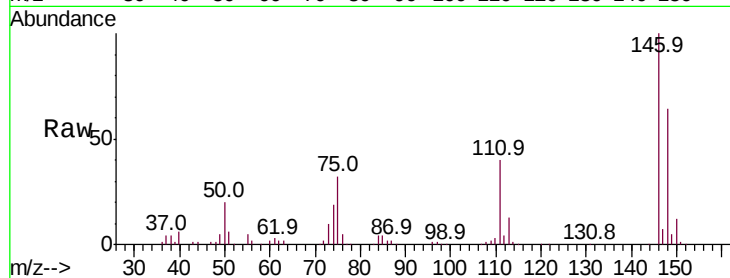
ClientSampled :

PB114874BS

Tot Ion:	146	Resp:	143087
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.0	76.6
111	39.7	32.4	48.6

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



#14

1,2-Dichlorobenzene

Concen: 41.505 ng

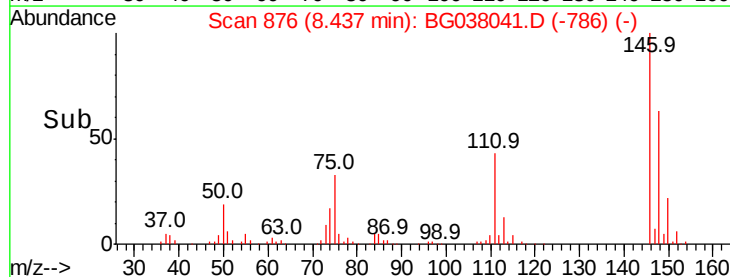
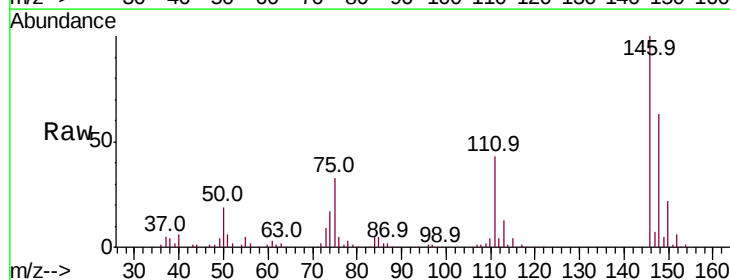
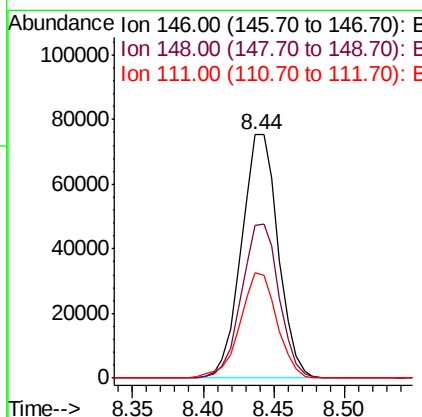
RT: 8.44 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Tgt Ion:	146	Resp:	137183
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.4	75.6
111	43.5	34.6	51.8





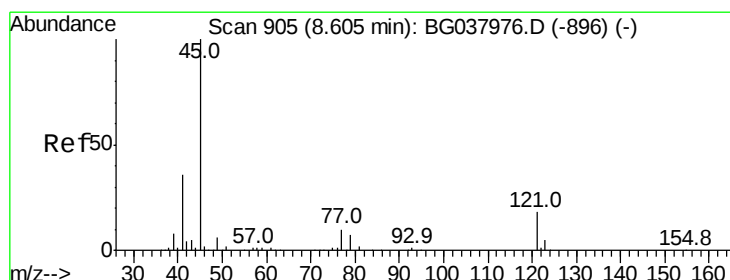
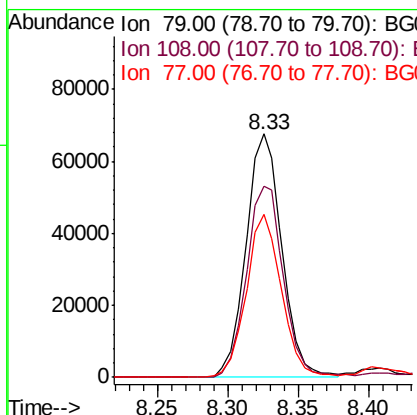
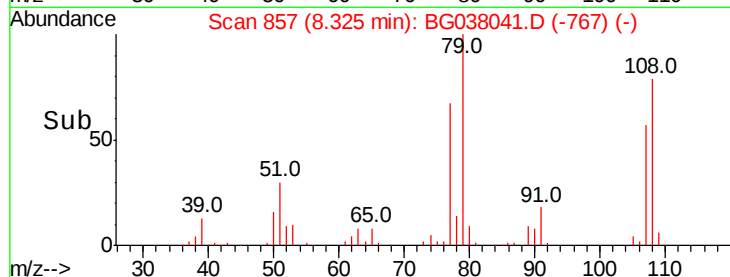
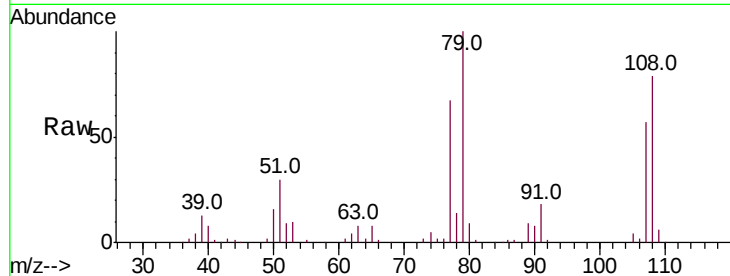
#15
Benzyl Alcohol
Concen: 45.403 ng
RT: 8.33 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	79	108	77
Ratio	100	78.7	66.7
Resp: Lower		65.8	52.9
Upper		98.8	79.3

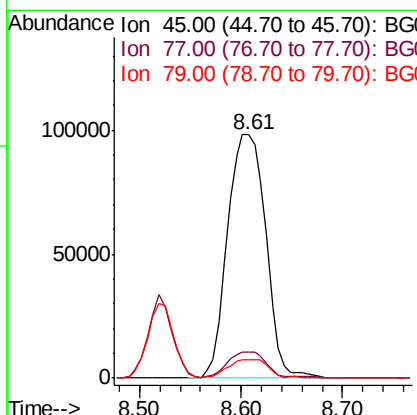
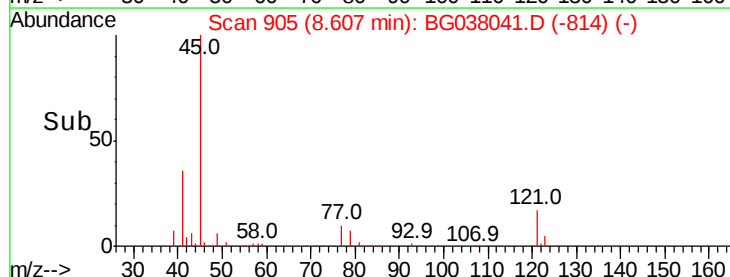
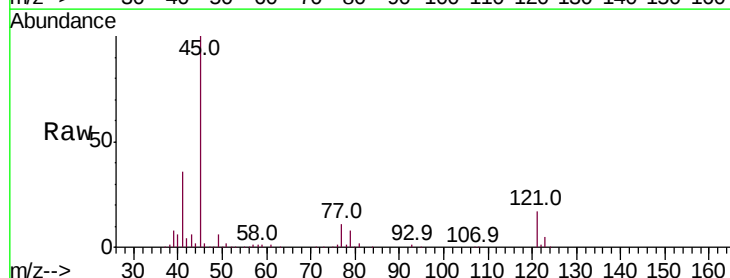
Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.626 ng
RT: 8.61 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	45	77	79
Ratio	100	10.6	7.7
Resp: Lower		0.0	0.0
Upper		30.0	29.0





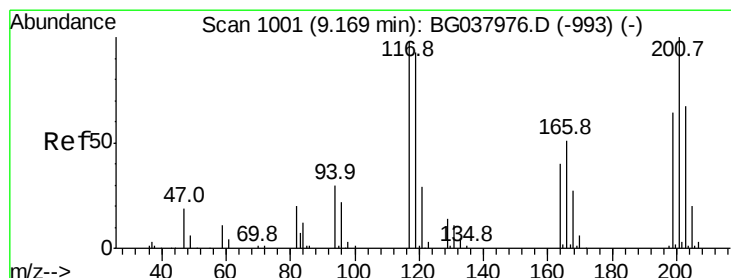
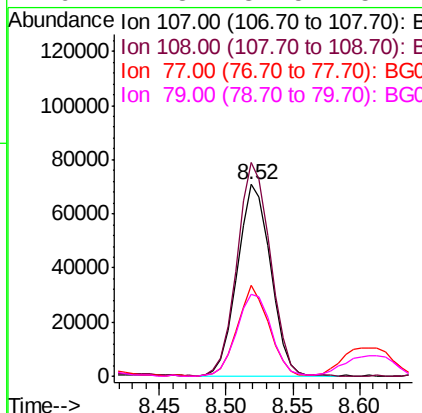
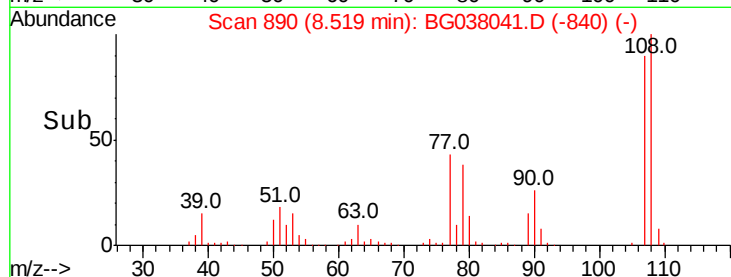
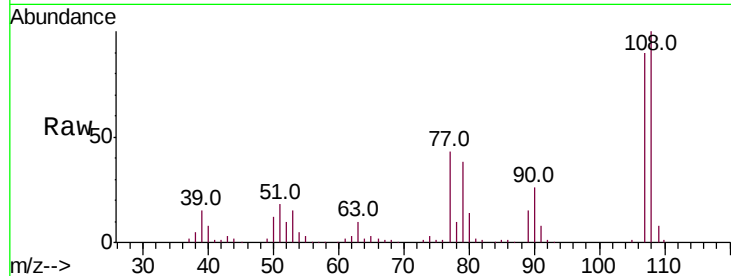
#17
2-Methylphenol
Concen: 47.071 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	87.9	131.9	
77	47.7	35.1	52.7	
79	42.8	34.5	51.7	

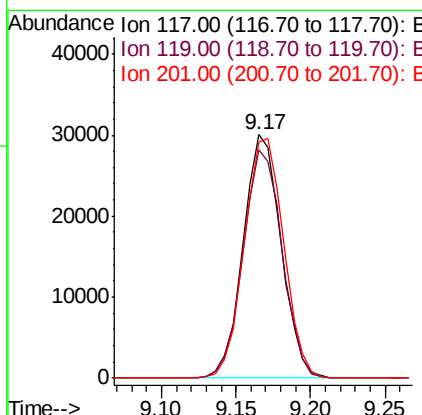
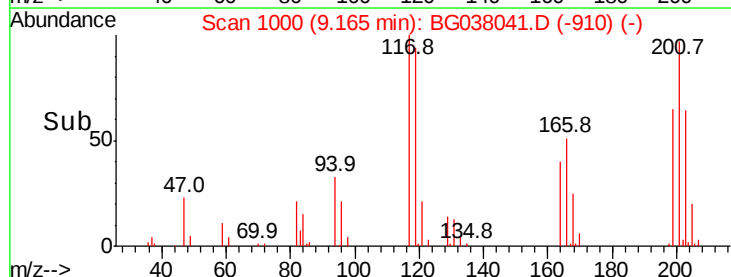
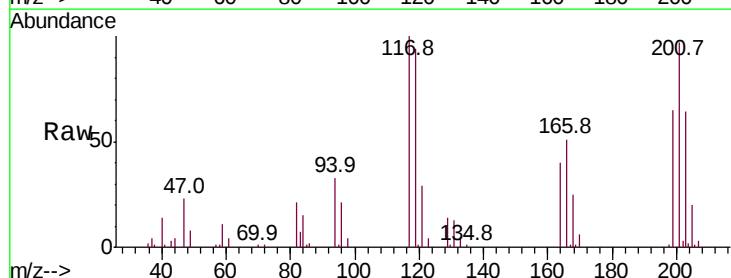
Manual Integrations
APPROVED

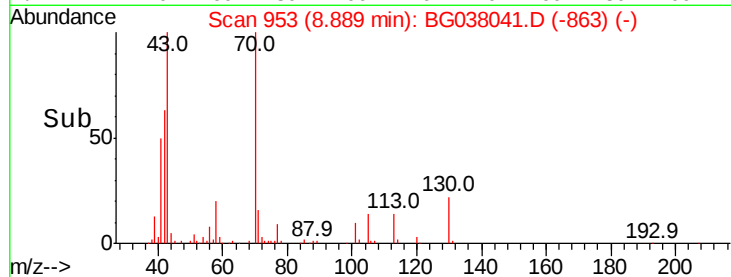
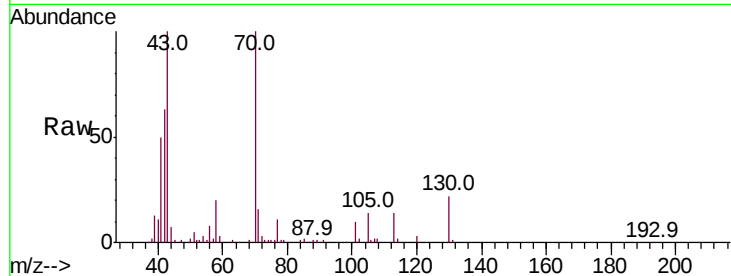
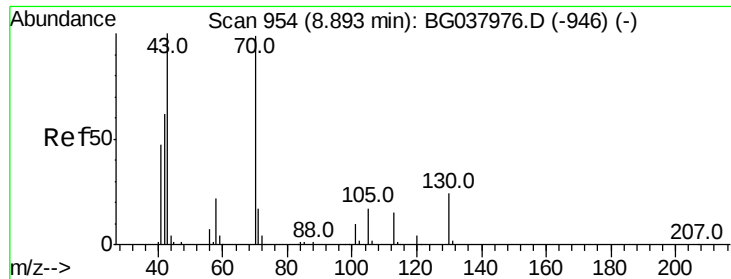
Sohil
11/19/2018 2:13:30 PM



#18
Hexachloroethane
Concen: 41.897 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	74.6	111.8	
201	96.8	80.8	121.2	





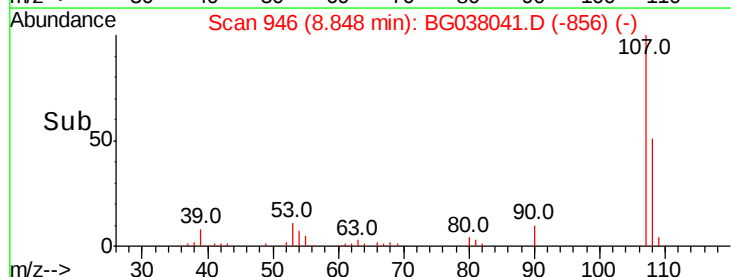
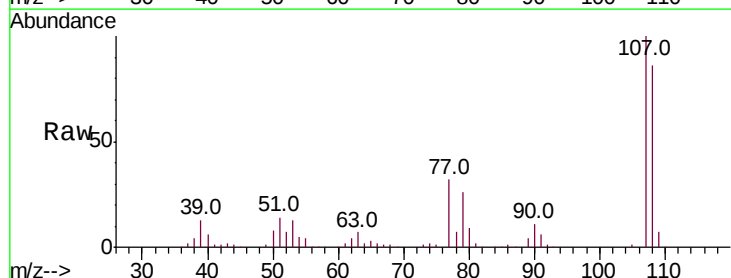
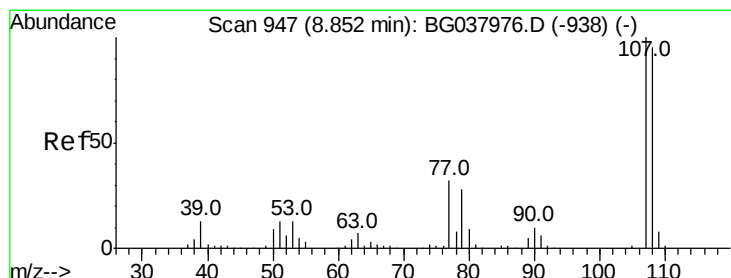
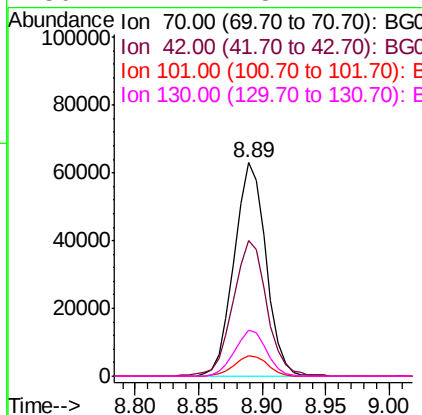
#19
n-Nitroso-di-n-propylamine
Concen: 41.314 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.7	53.9	80.9
101	9.9	8.2	12.2
130	21.7	18.2	27.4

Instrument :
BNA_G
ClientSampleId :
PB114874BS

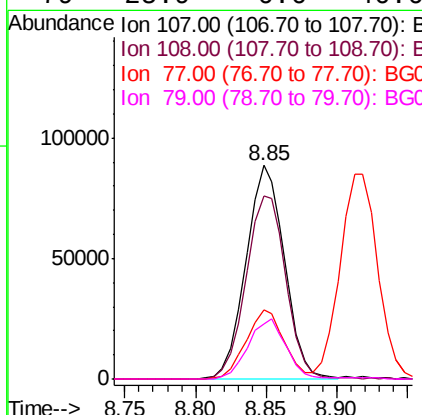
Manual Integrations
APPROVED

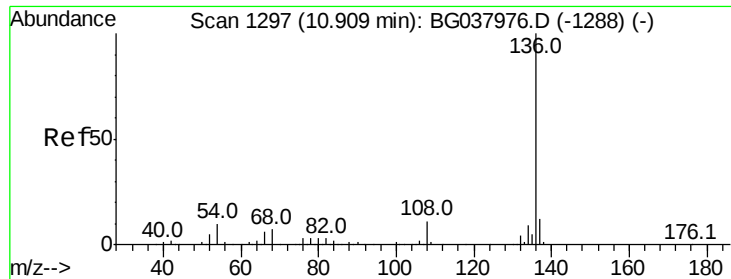
Sohil
11/19/2018 2:13:30 PM



#20
3+4-Methylphenols
Concen: 45.573 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	69.9	109.9
77	32.5	11.2	51.2
79	25.9	6.6	46.6





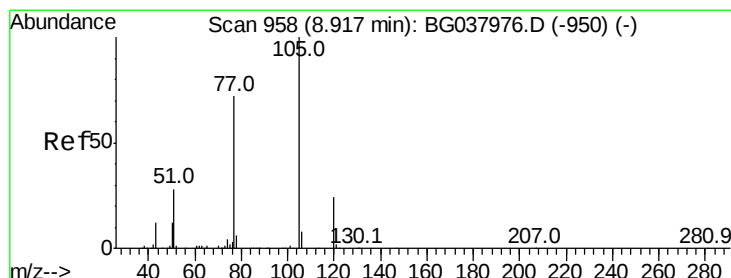
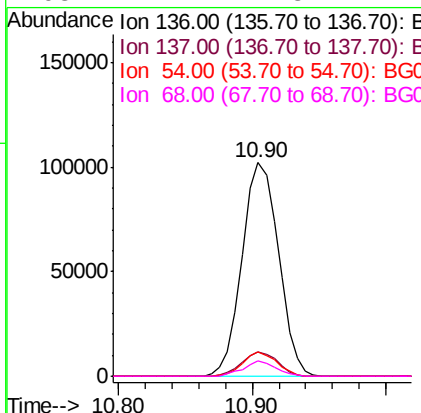
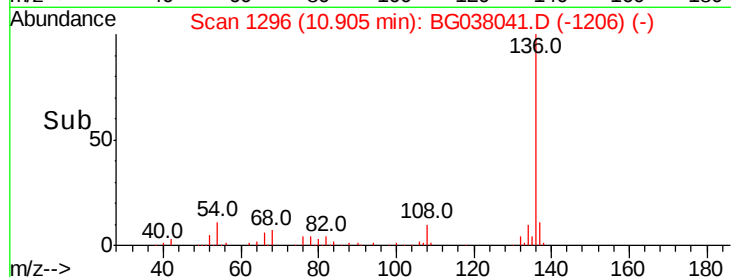
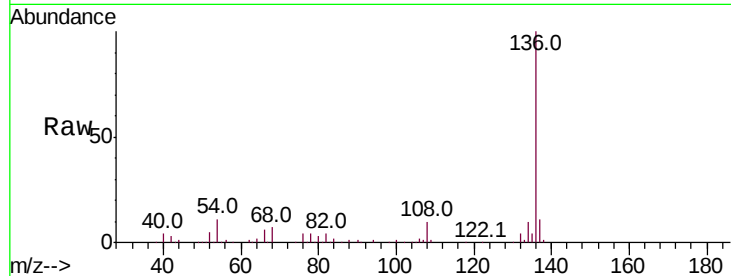
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	193094		
137	11.4	9.6	14.4	
54	11.3	7.9	11.9	
68	7.1	4.8	7.2	

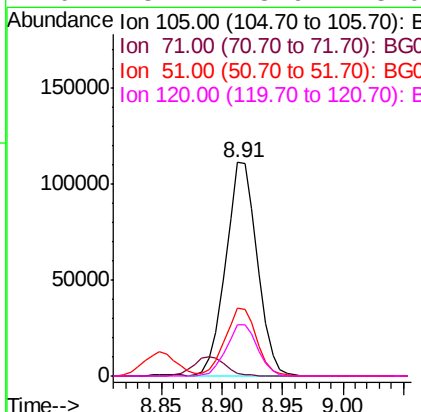
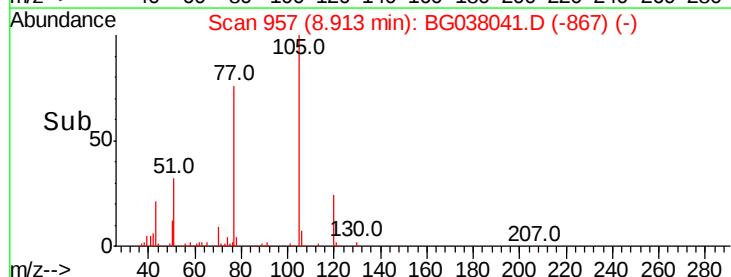
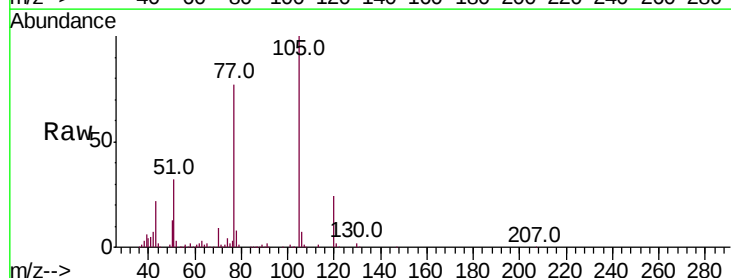
Manual Integrations
APPROVED

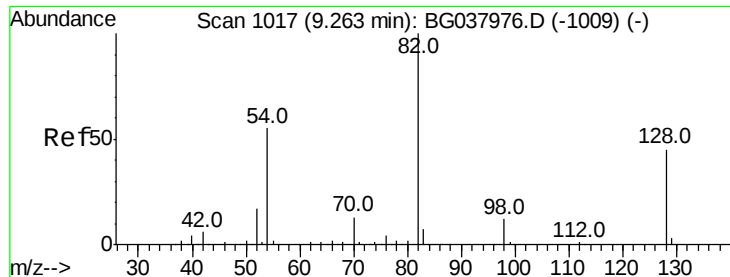
Sohil
11/19/2018 2:13:30 PM



#22
Acetophenone
Concen: 42.148 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	202493		
71	1.4	1.2	1.8	
51	32.0	25.0	37.6	
120	23.7	18.6	28.0	





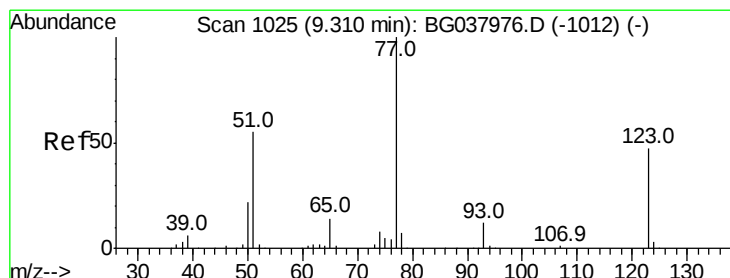
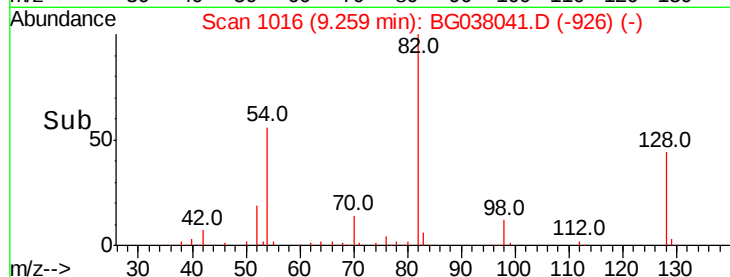
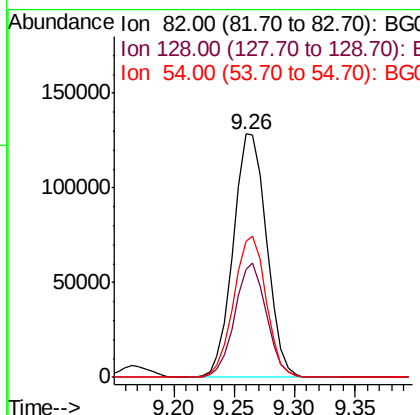
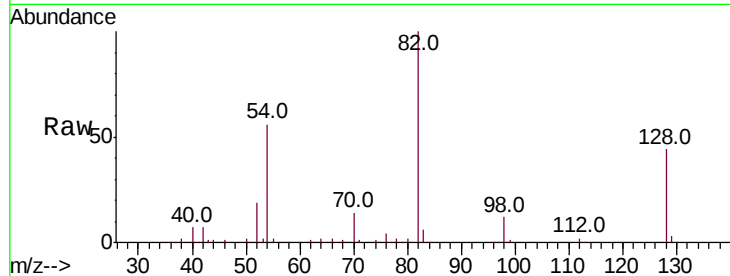
#23
Nitrobenzene-d5
Concen: 68.752 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	55.7	45.3	67.9

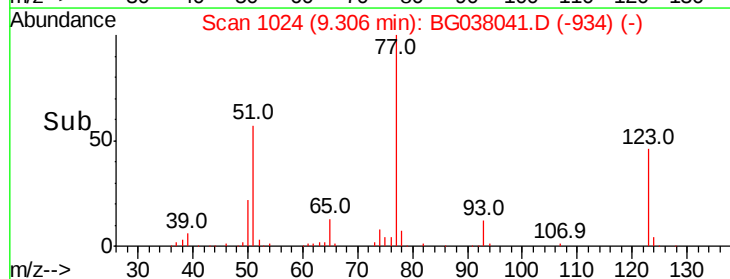
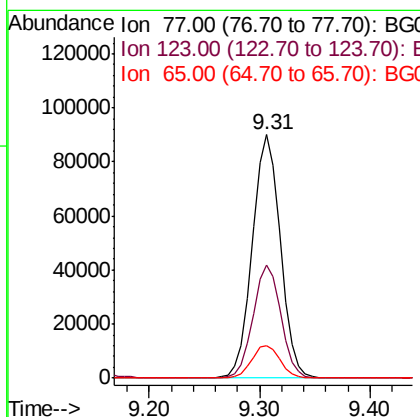
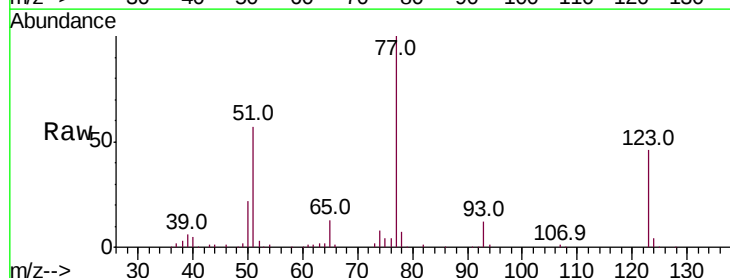
Manual Integrations
APPROVED

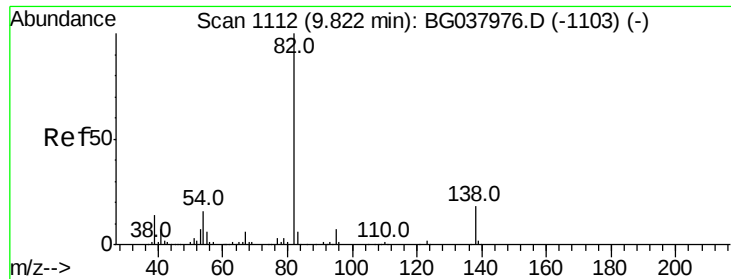
Sohil
11/19/2018 2:13:30 PM



#24
Nitrobenzene
Concen: 43.703 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	33.6	50.4
65	13.2	11.3	16.9





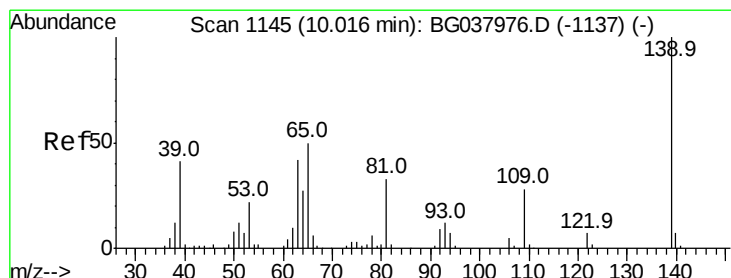
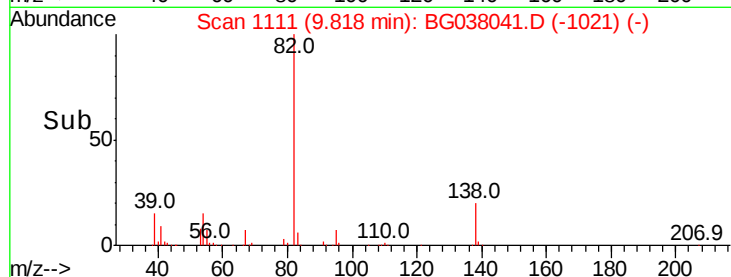
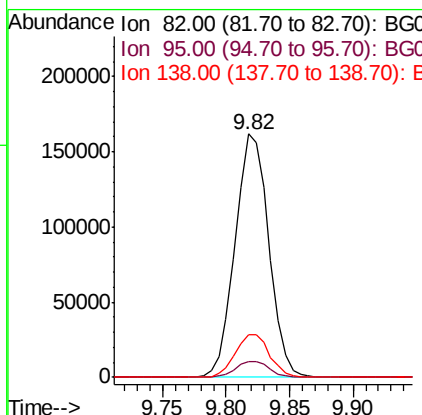
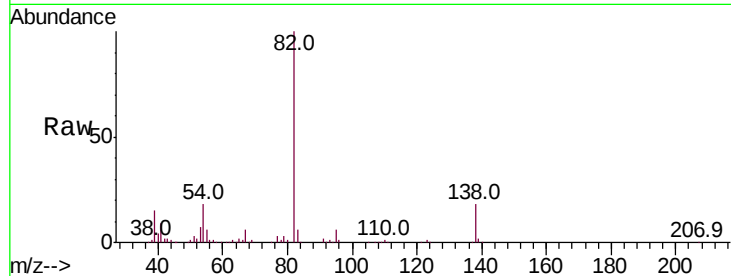
#25
Isophorone
Concen: 45.911 ng
RT: 9.82 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.3	7.9
138	17.8	13.3	19.9

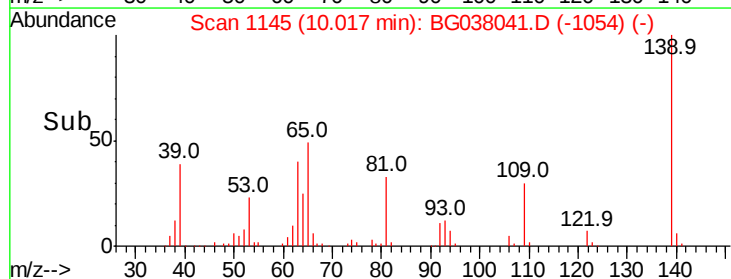
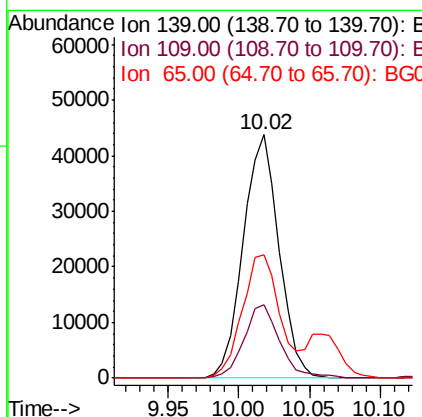
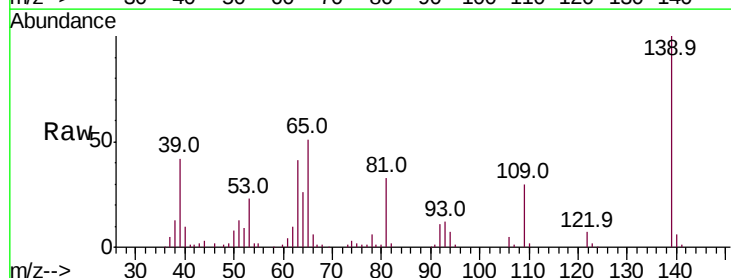
Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



#26
2-Nitrophenol
Concen: 42.060 ng
RT: 10.02 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.1	23.3	34.9
65	50.7	39.8	59.8





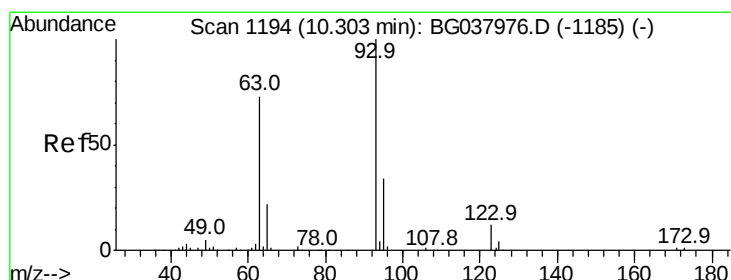
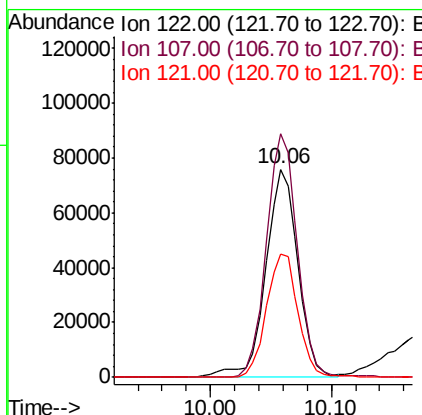
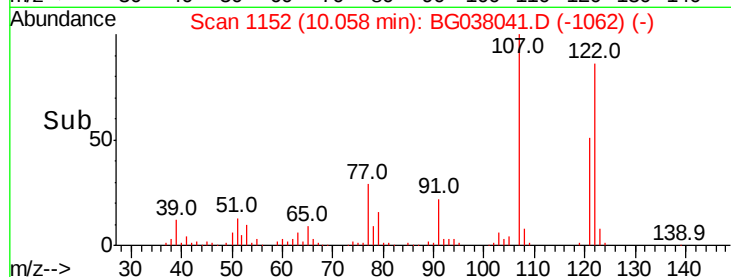
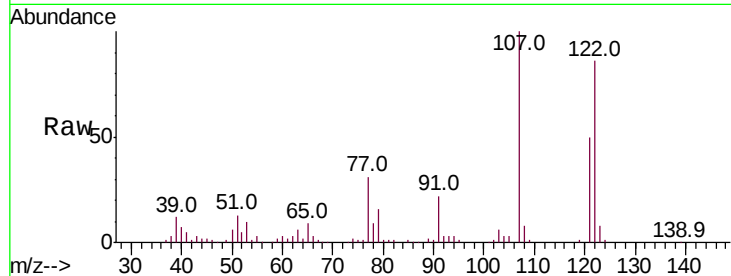
#27
2,4-Dimethylphenol
Concen: 50.559 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	94.2	141.2
121	58.9	47.3	70.9

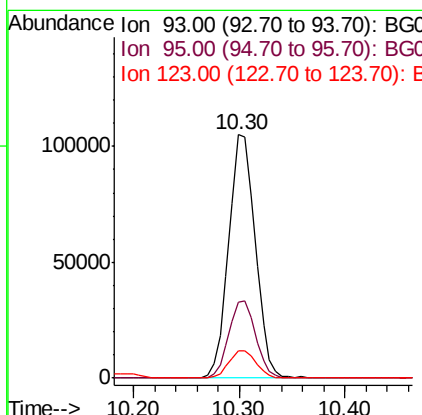
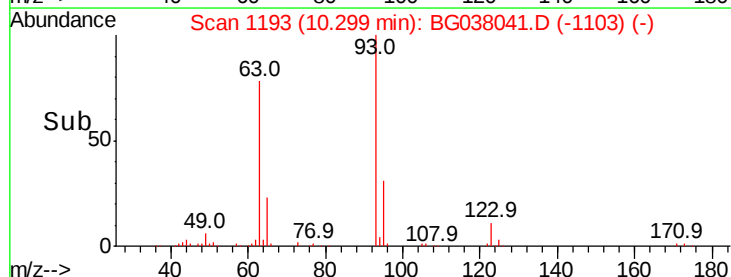
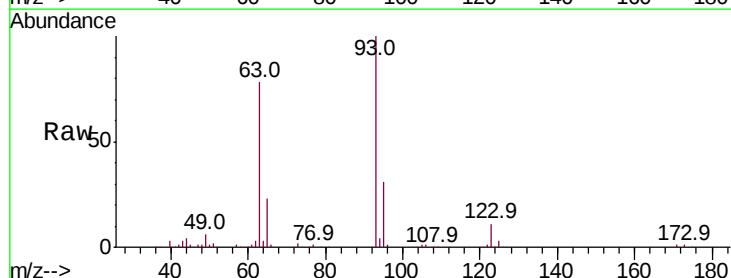
Manual Integrations
APPROVED

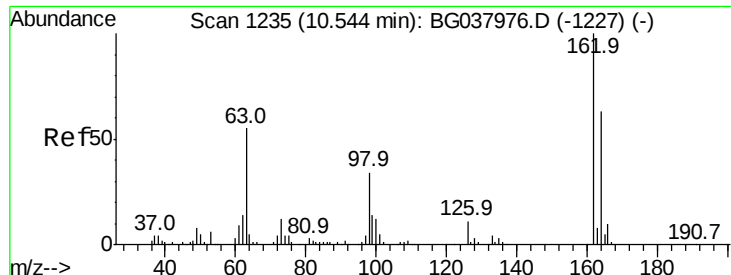
Sohil
11/19/2018 2:13:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.063 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	24.6	37.0
123	11.2	9.1	13.7





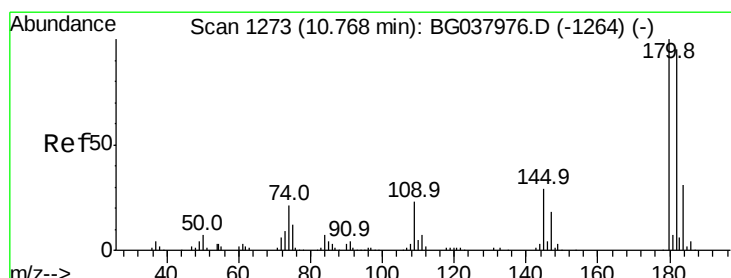
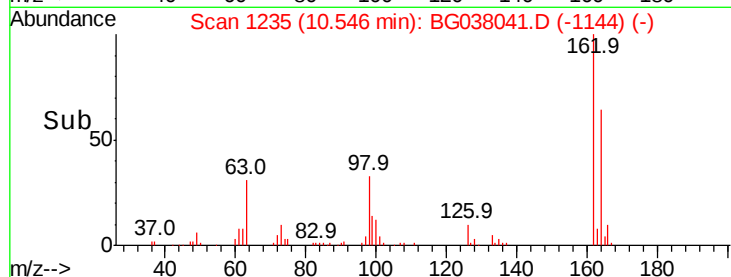
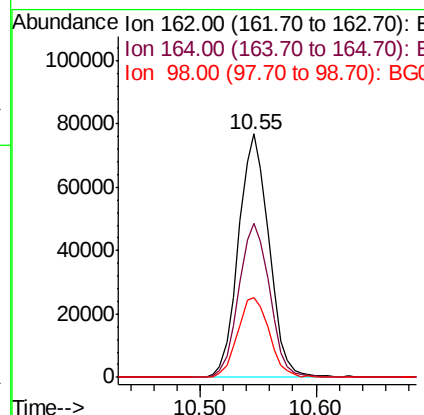
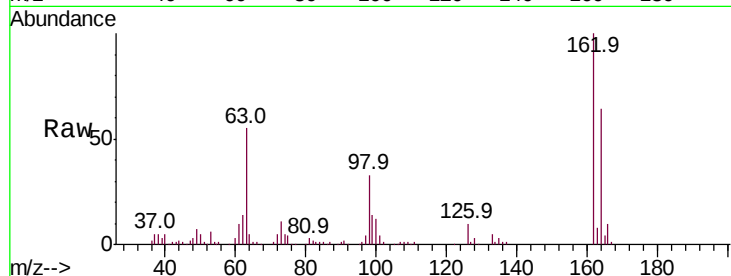
#29
 2,4-Dichlorophenol
 Concen: 44.939 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Instrument :
 BNA_G
 ClientSampled :
 PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	140296		
164	63.5	43.2	83.2	
98	32.8	16.0	56.0	

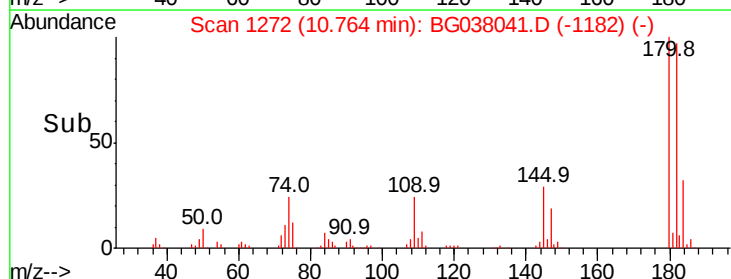
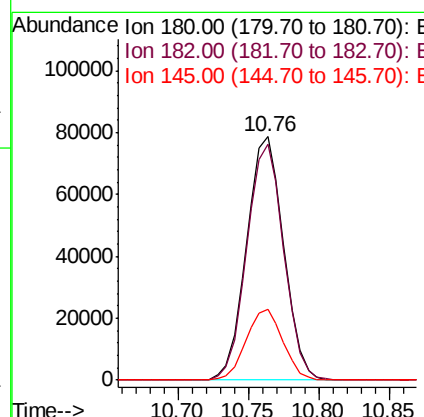
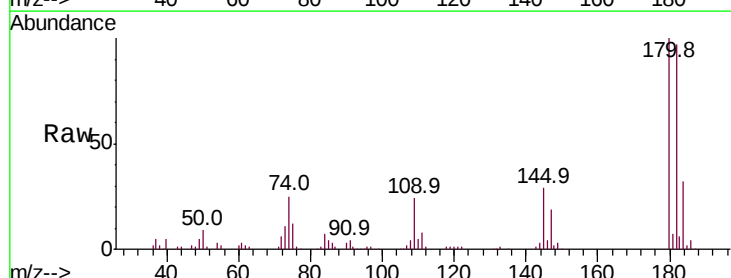
Manual Integrations
 APPROVED

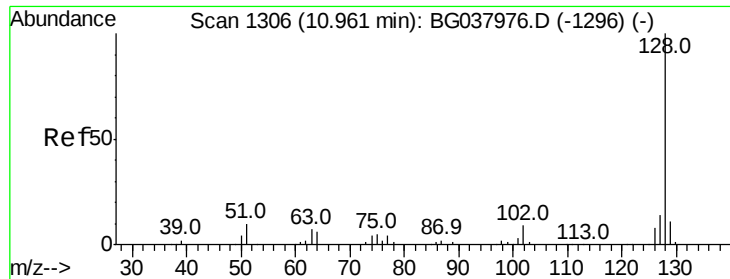
Sohil
 11/19/2018 2:13:30 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.348 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	144653		
182	96.8	77.7	116.5	
145	29.2	23.3	34.9	





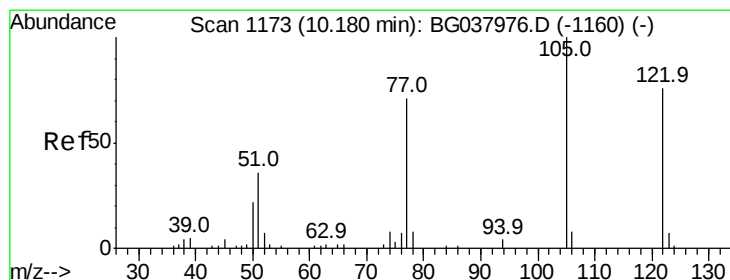
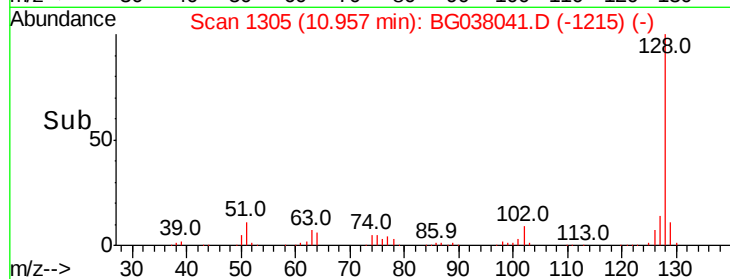
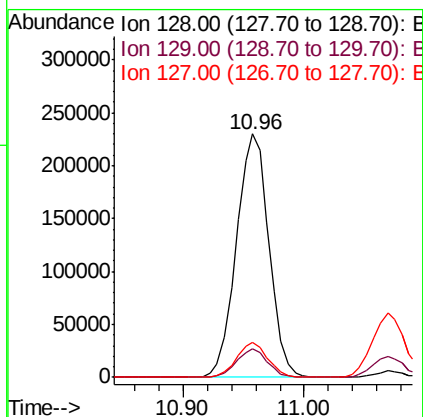
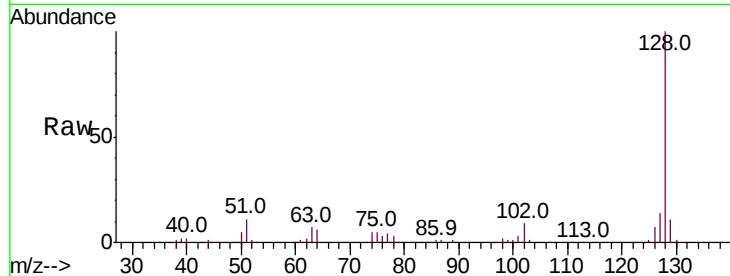
#31
Naphthalene
Concen: 45.250 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	14.2	11.1	16.7

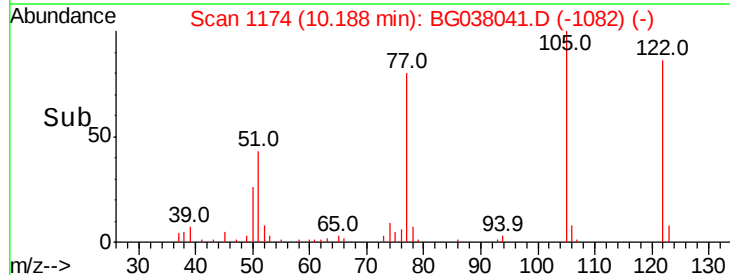
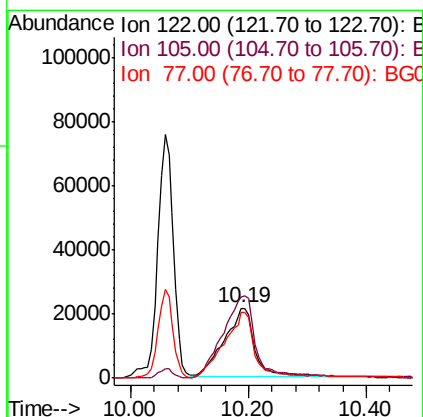
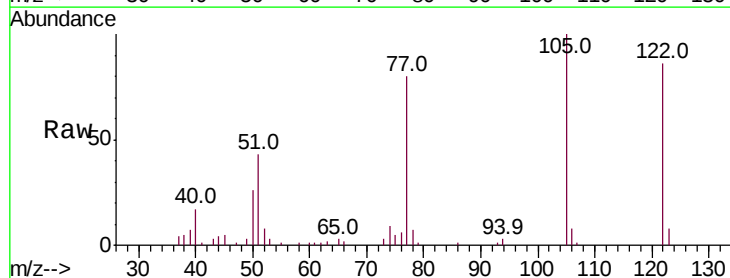
Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



#32
Benzoic acid
Concen: 44.227 ng m
RT: 10.19 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.9	106.7	146.7
77	93.6	72.2	112.2





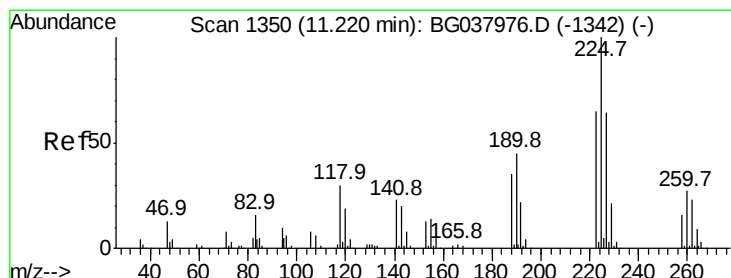
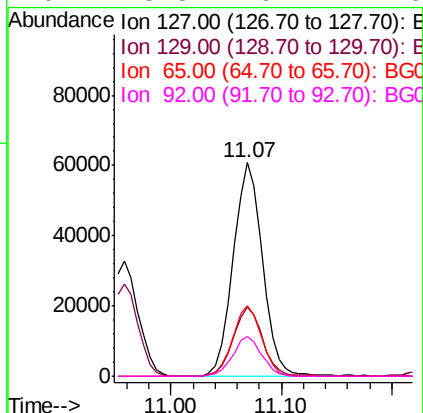
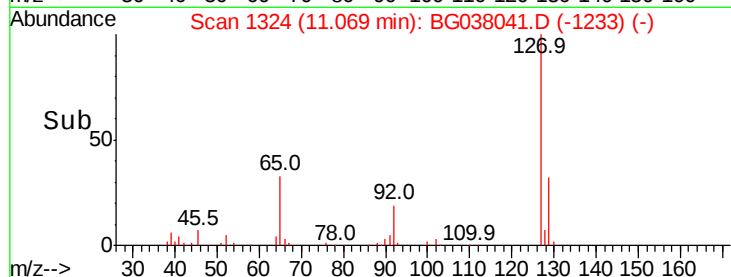
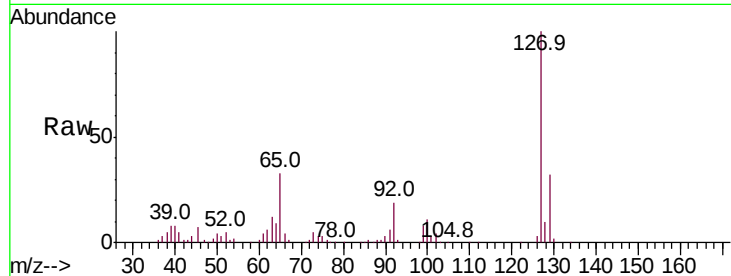
#33
4-Chloroaniline
Concen: 25.761 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	27.1	40.7	
65	33.0	26.6	39.8	
92	18.8	16.4	24.6	

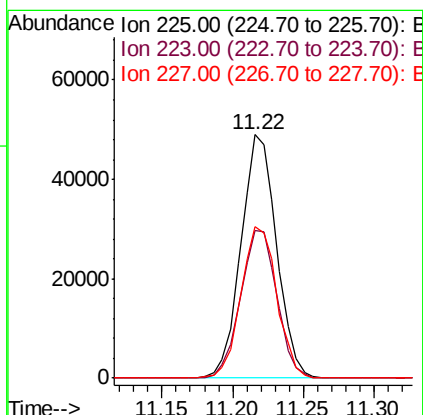
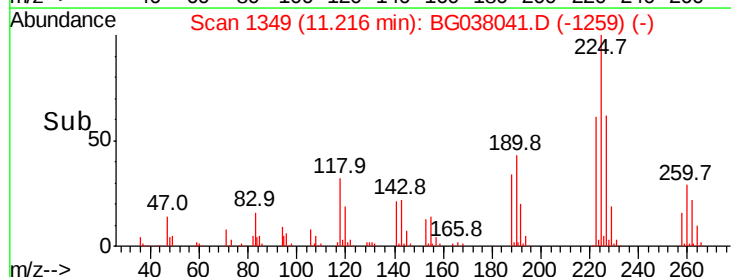
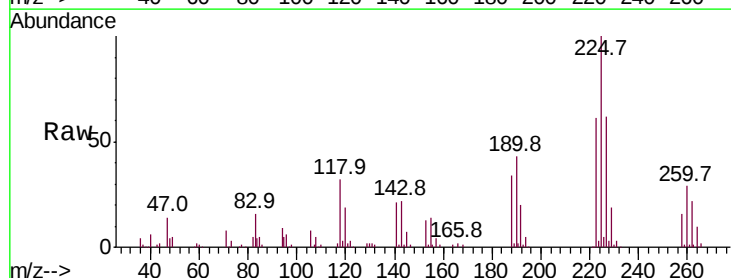
Manual Integrations
APPROVED

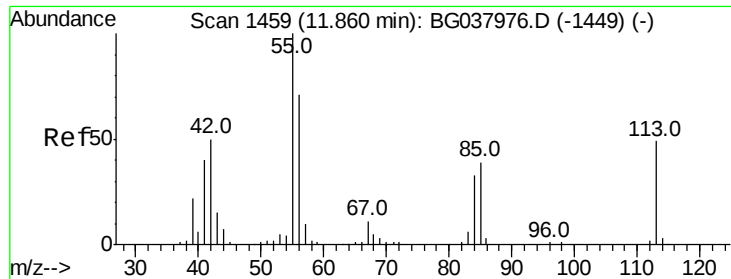
Sohil
11/19/2018 2:13:30 PM



#34
Hexachlorobutadiene
Concen: 40.091 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	48.2	72.4	
227	65.3	51.6	77.4	





#35

Caprolactam

Concen: 40.069 ng/ml

RT: 11.86 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

Tot Ion:113 Resp: 50071

Ion Ratio Lower Upper

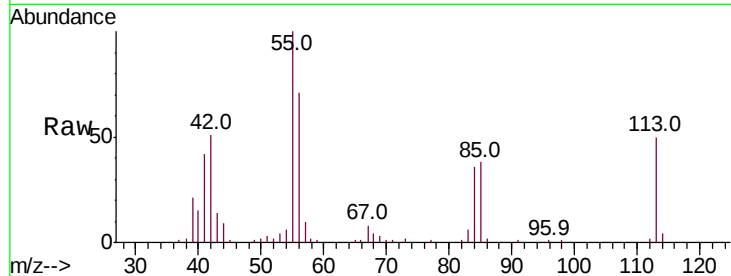
113 100

55 198.5 176.6 216.6

56 141.0 128.3 168.3

Manual Integrations
APPROVED

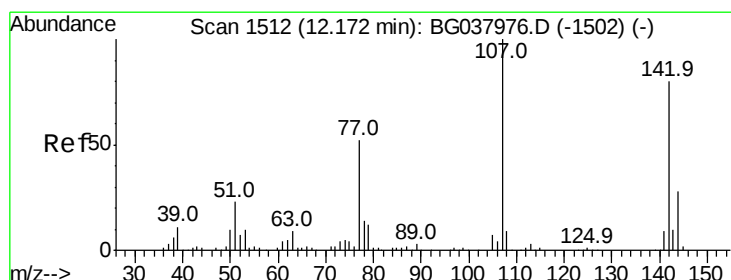
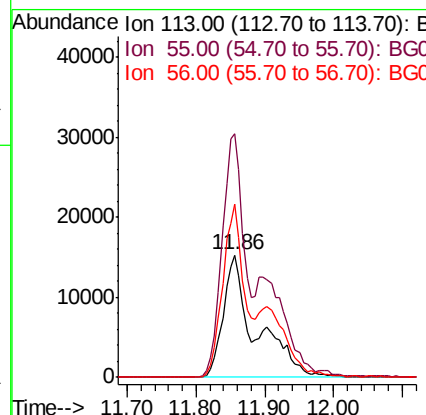
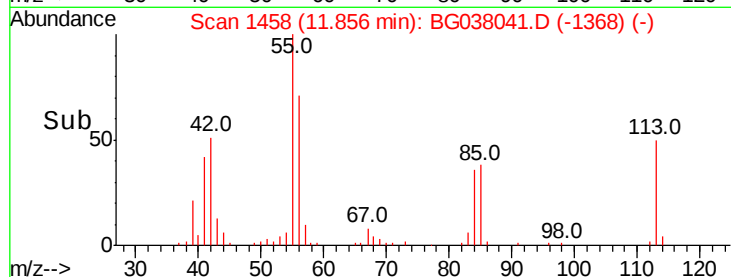
Sohil
11/19/2018 2:13:30 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.398 ng/ml

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

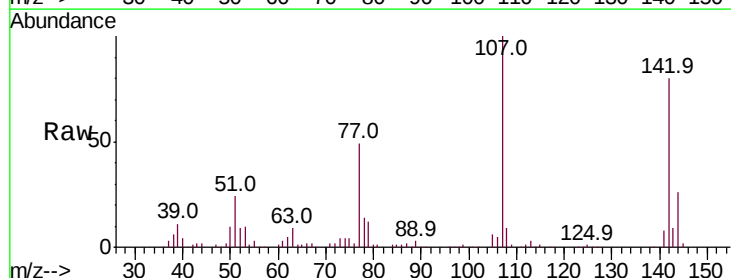
Tgt Ion:107 Resp: 148021

Ion Ratio Lower Upper

107 100

144 25.7 20.7 31.1

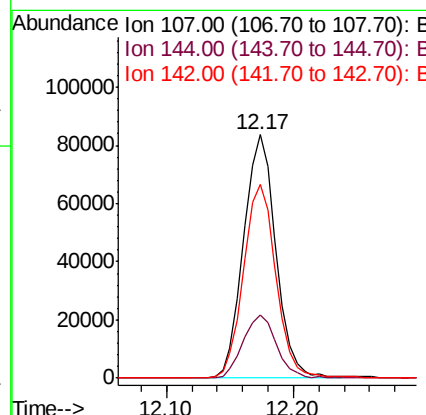
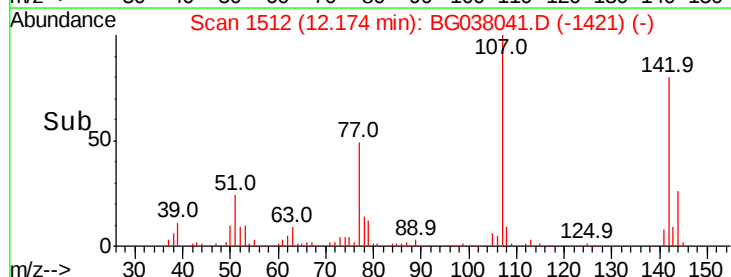
142 79.6 64.4 96.6

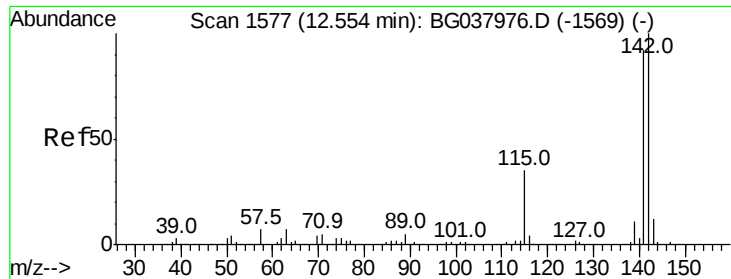


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





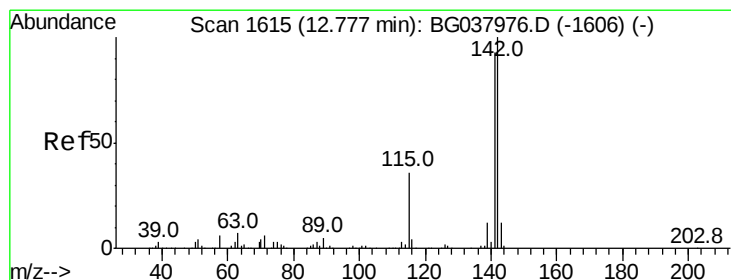
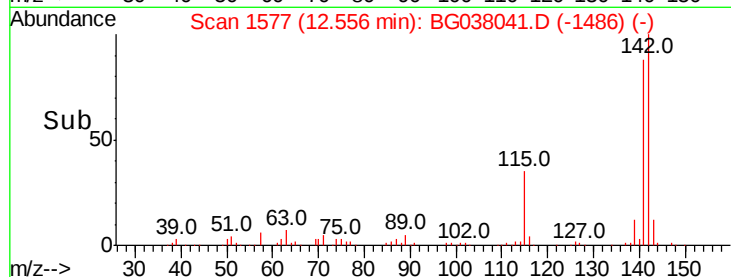
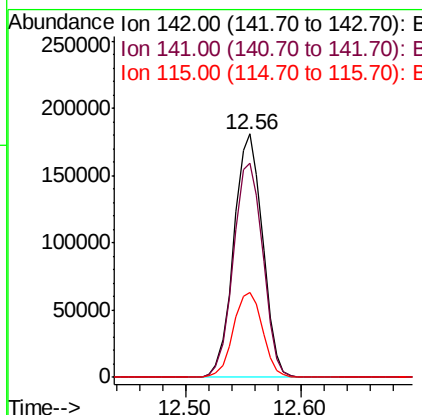
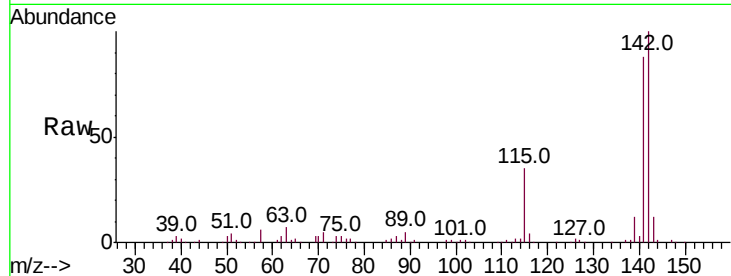
#37
2-Methylnaphthalene
Concen: 45.848 ng
RT: 12.56 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.9	107.9
115	34.9	27.8	41.8

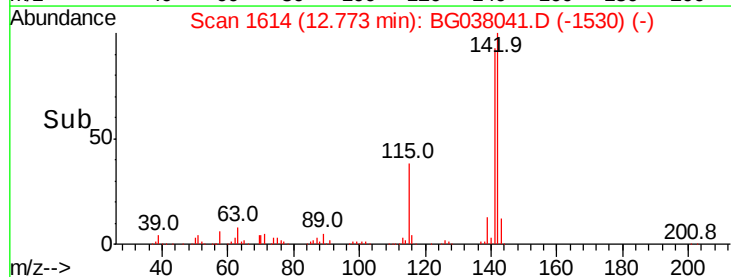
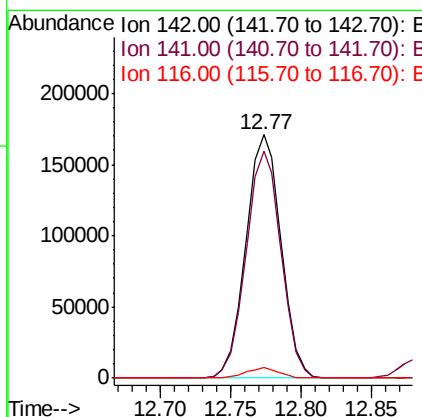
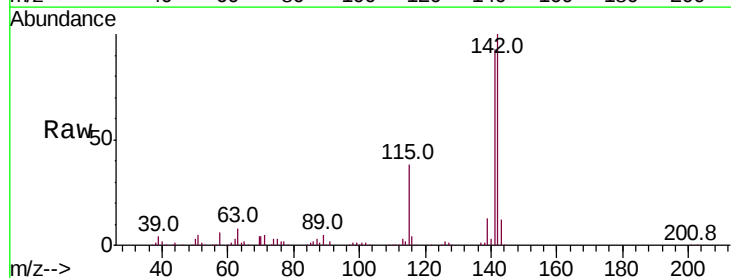
Manual Integrations
APPROVED

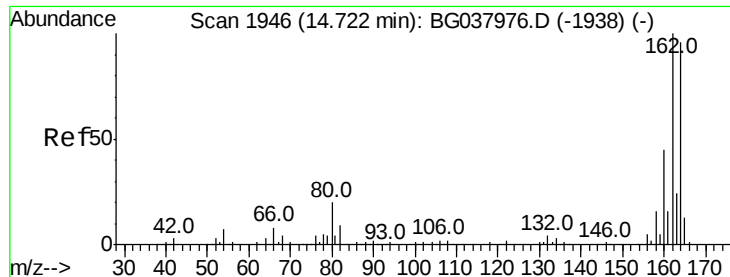
Sohil
11/19/2018 2:13:30 PM



#38
1-Methylnaphthalene
Concen: 45.370 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.2	112.8
116	4.1	3.3	4.9





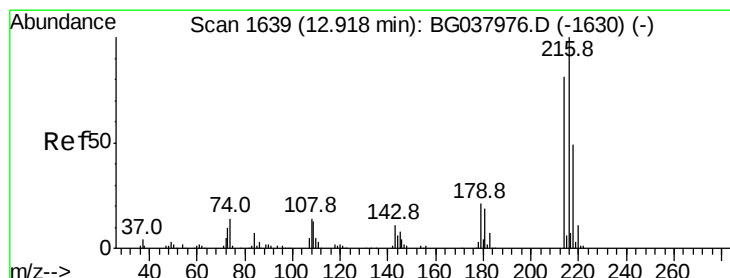
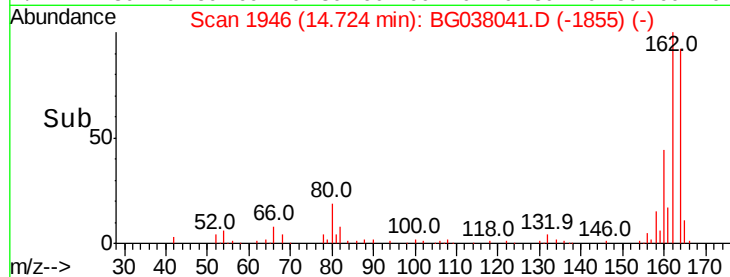
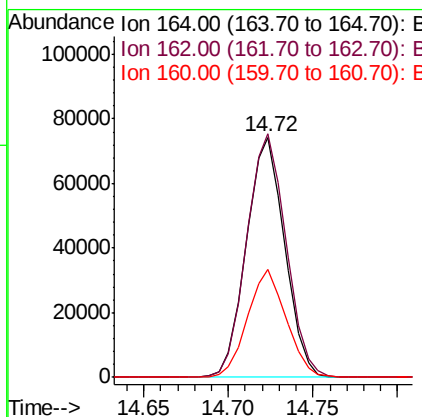
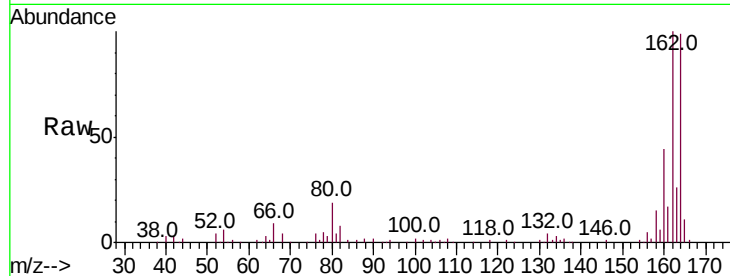
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	45.0	36.3	54.5

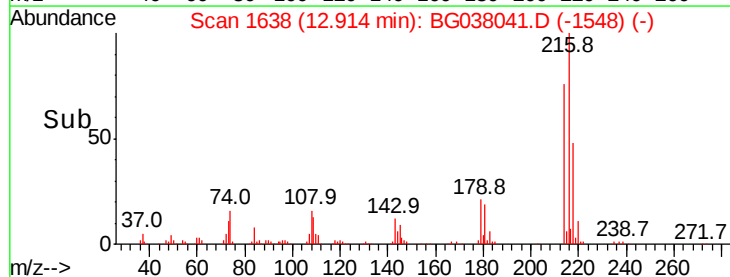
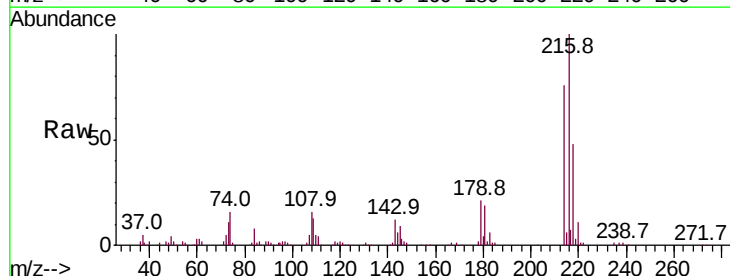
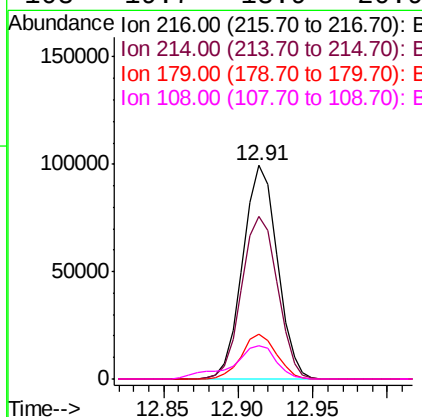
Manual Integrations
APPROVED

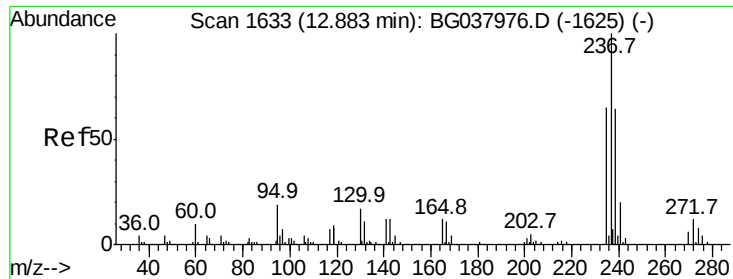
Sohil
11/19/2018 2:13:30 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.924 ng
RT: 12.91 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.6
179	21.1	17.4	26.0
108	19.7	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 89.266 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

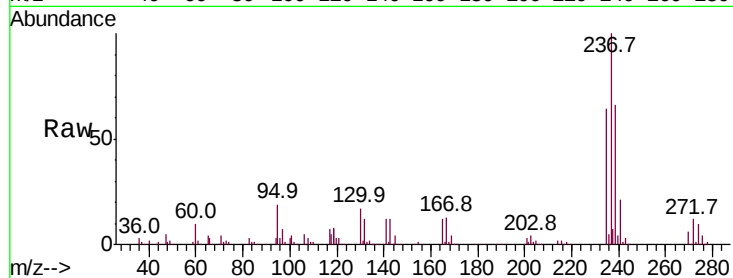
ClientSampleId :

PB114874BS

Tot Ion:	237	Resp:	186393
Ion Ratio	Lower	Upper	
237	100		
235	64.4	42.5	82.5
272	12.4	0.0	31.6

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM

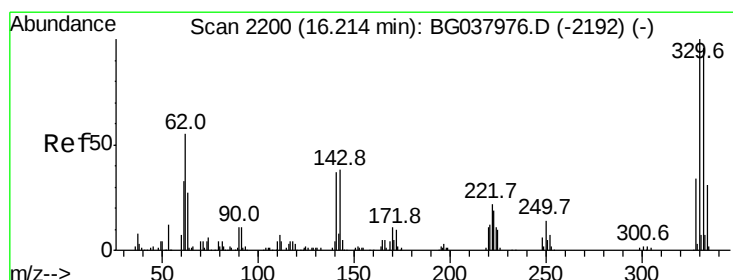
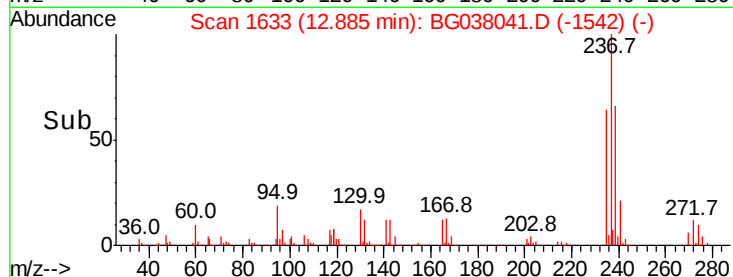
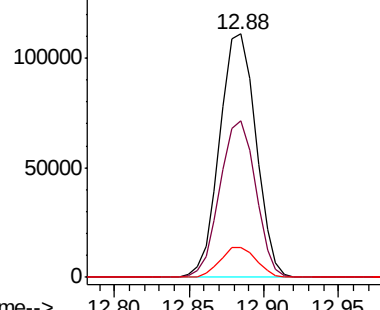


Abundance

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: 129.920 ng

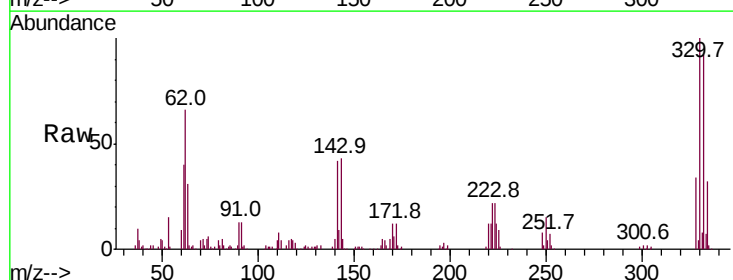
RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Tgt Ion:	330	Resp:	172909
Ion Ratio	Lower	Upper	
330	100		
332	95.0	78.4	117.6
141	41.2	32.2	48.2

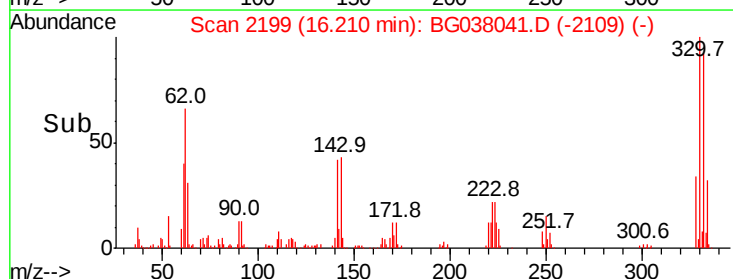
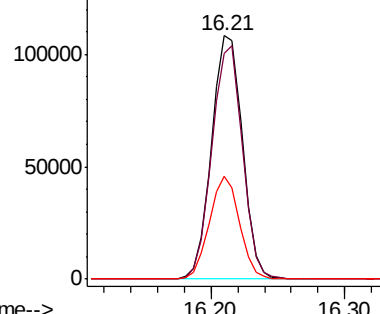


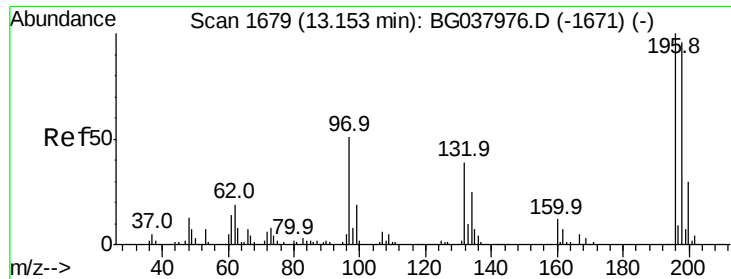
Abundance

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





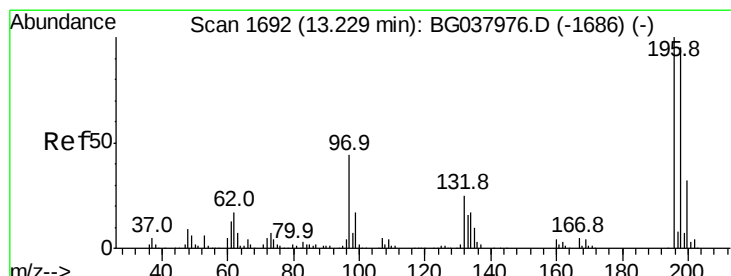
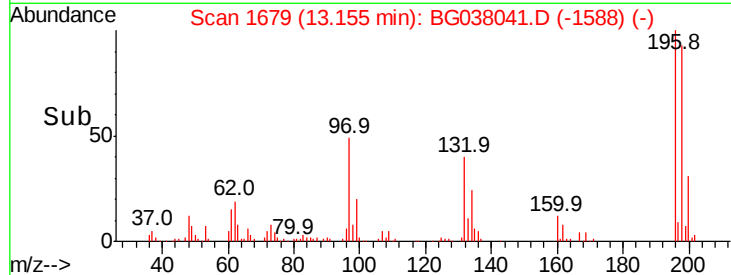
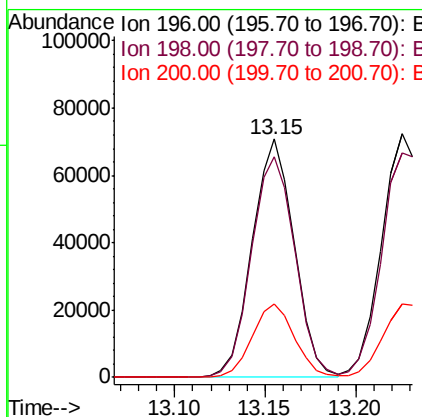
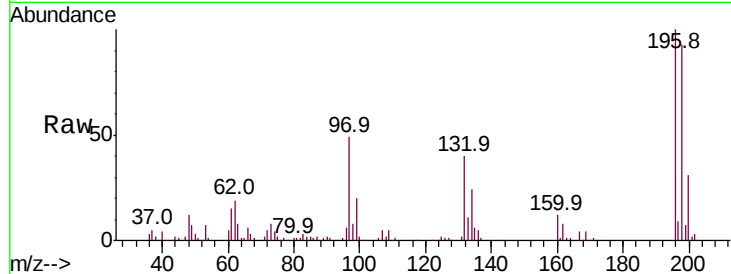
#43
 2,4,6-Trichlorophenol
 Concen: 42.779 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Instrument :
 BNA_G
 ClientSampled :
 PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	113673		
198	92.6	76.4	114.6	
200	31.0	24.9	37.3	

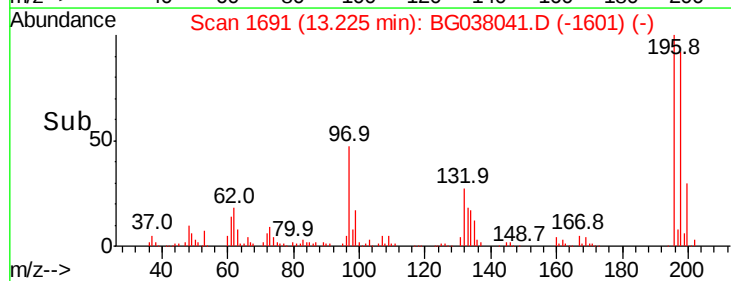
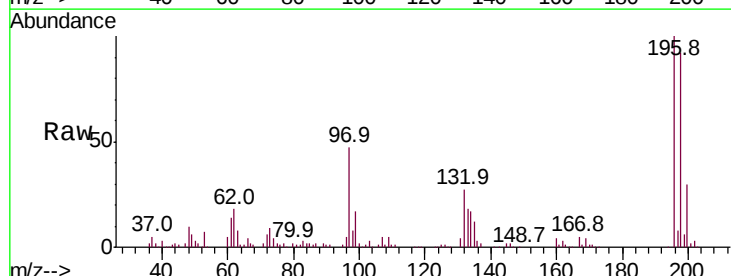
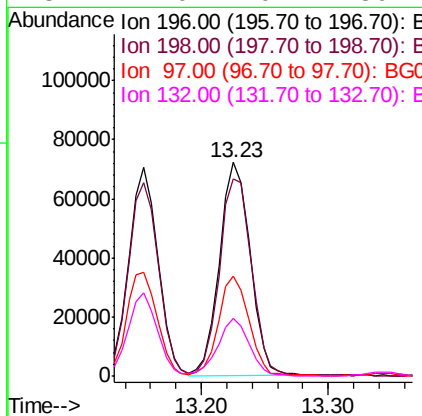
Manual Integrations
 APPROVED

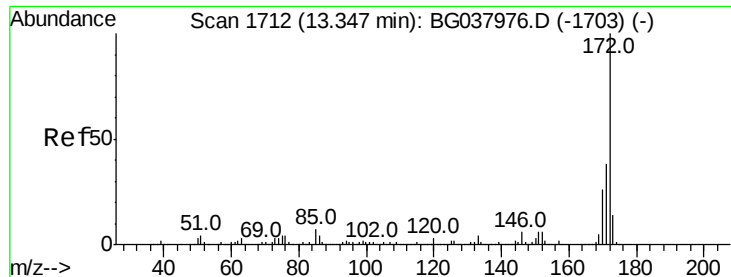
Sohil
 11/19/2018 2:13:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.531 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	121709		
198	92.4	74.2	111.2	
97	47.0	34.1	51.1	
132	27.0	20.2	30.4	





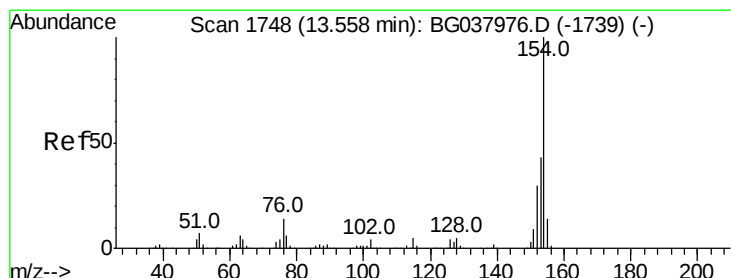
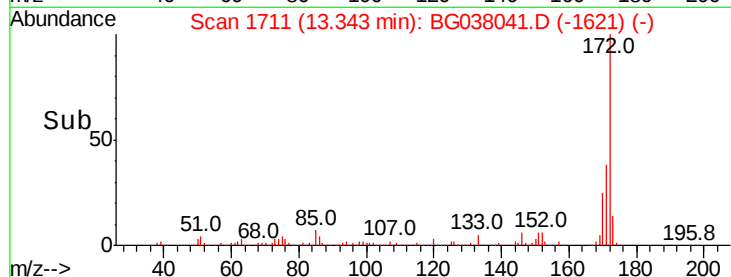
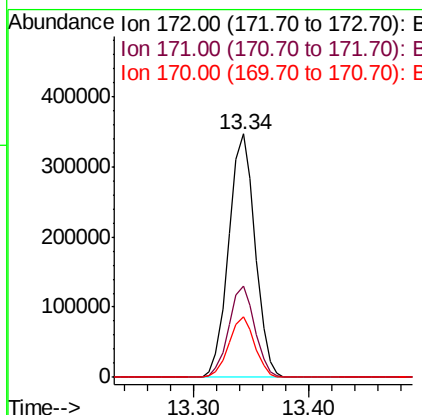
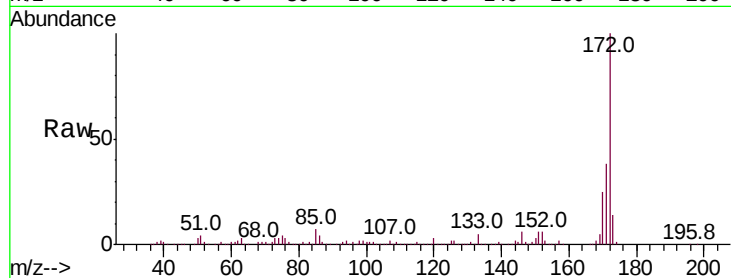
#45
2-Fluorobiphenyl
Concen: 68.202 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	546311		
171	37.6		31.0	46.4
170	25.1		20.2	30.2

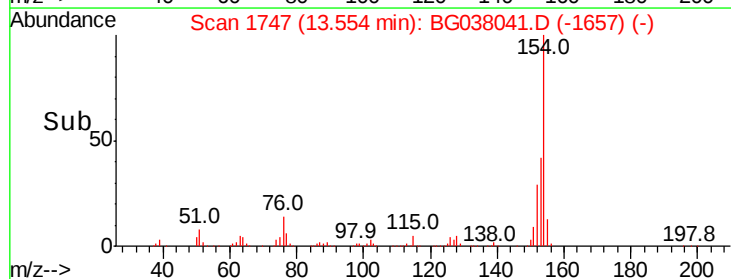
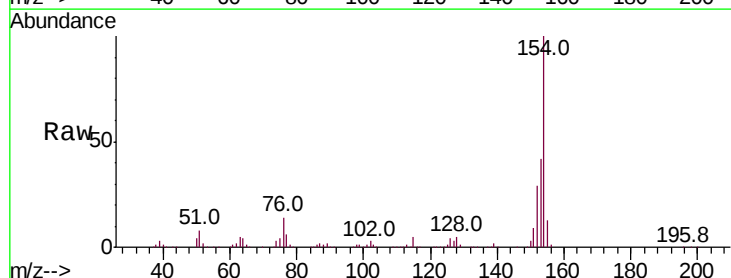
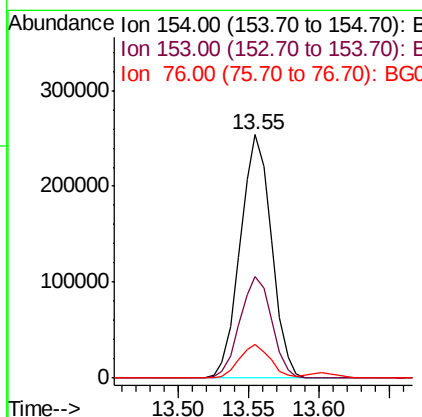
Manual Integrations
APPROVED

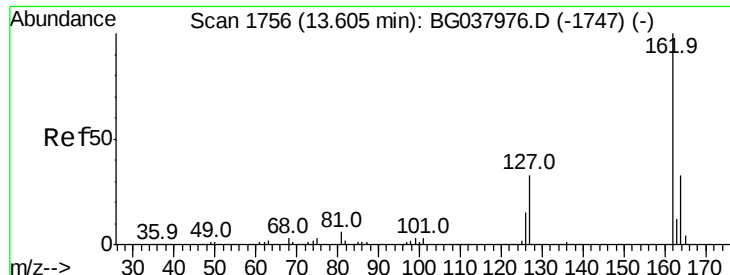
Sohil
11/19/2018 2:13:30 PM



#46
1,1'-Biphenyl
Concen: 40.216 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	394271		
153	41.6		22.1	62.1
76	13.6		0.0	33.2





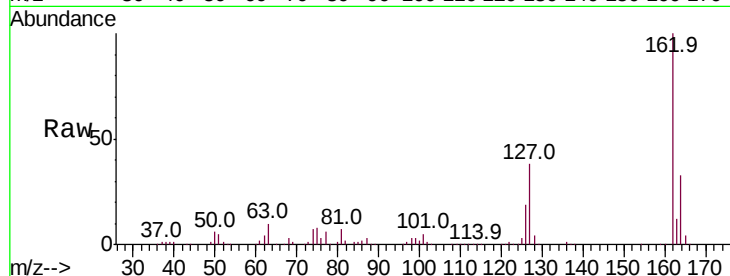
#47
 2-Chloronaphthalene
 Concen: 41.589 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

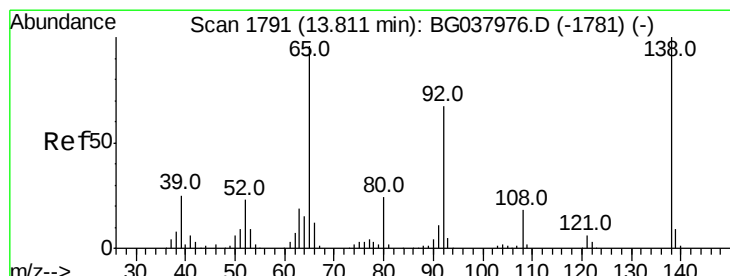
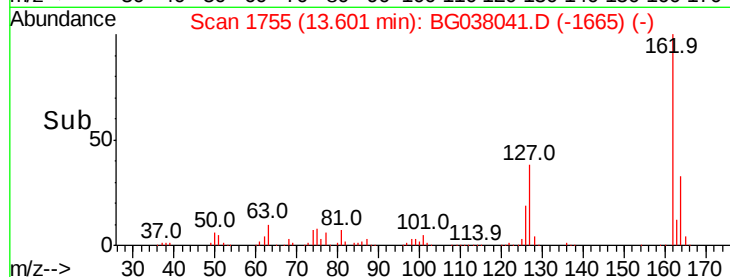
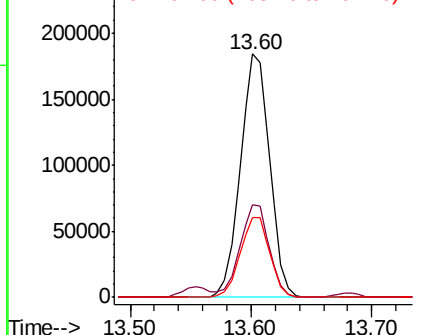
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.5	45.7
164	32.7	26.4	39.6

Manual Integrations
 APPROVED

Sohil
 11/19/2018 2:13:30 PM

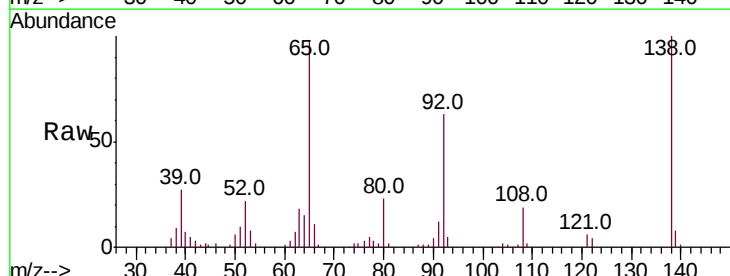


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

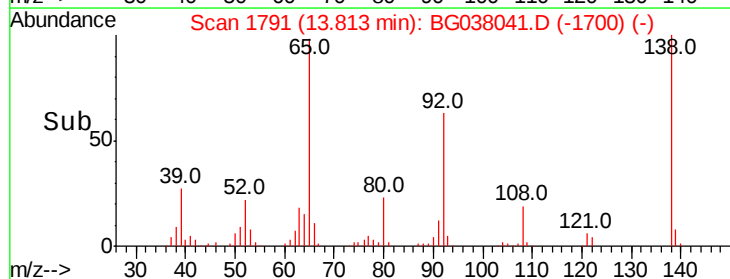
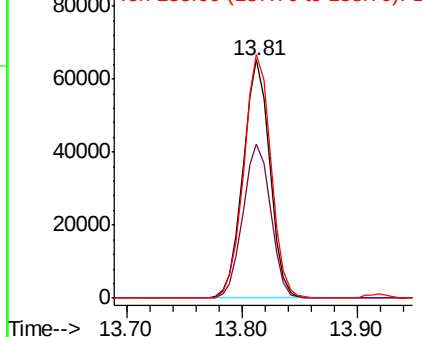


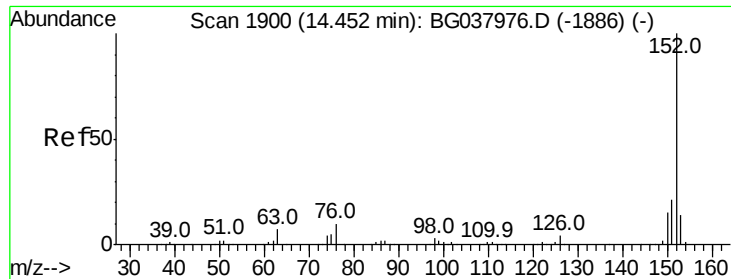
#48
 2-Nitroaniline
 Concen: 44.614 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	53.2	79.8
138	102.3	79.3	118.9



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





#49

Acenaphthylene

Concen: 45.810 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

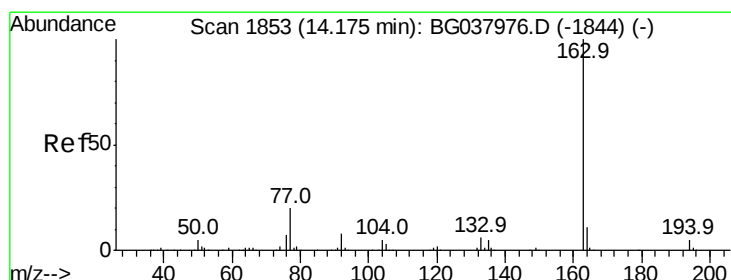
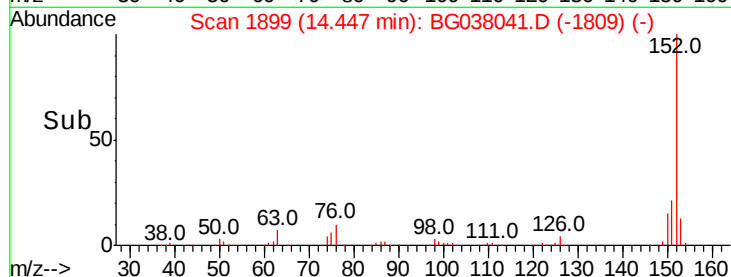
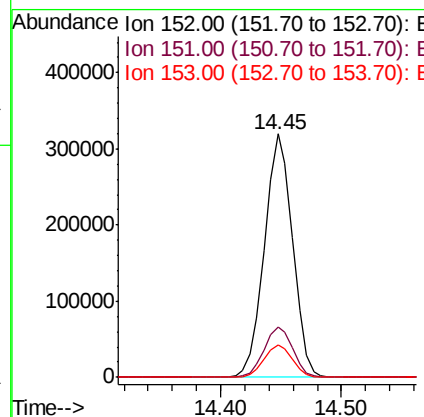
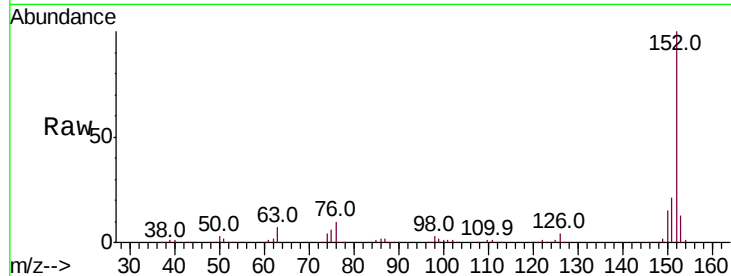
ClientSampleId :

PB114874BS

Tot Ion:	152	Resp:	515362
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.1	25.7
153	13.4	11.1	16.7

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



#50

Dimethylphthalate

Concen: 43.241 ng

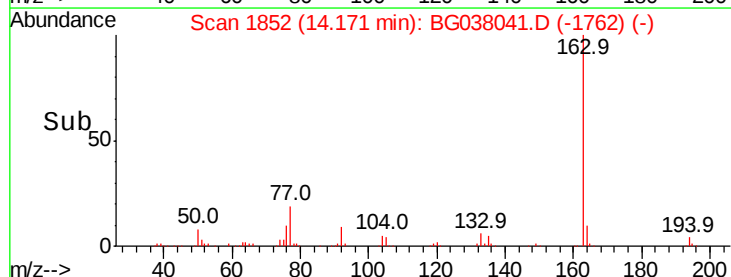
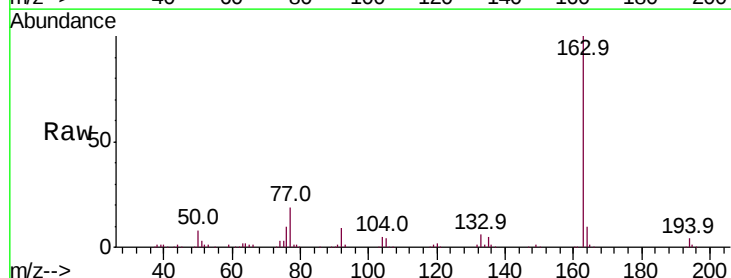
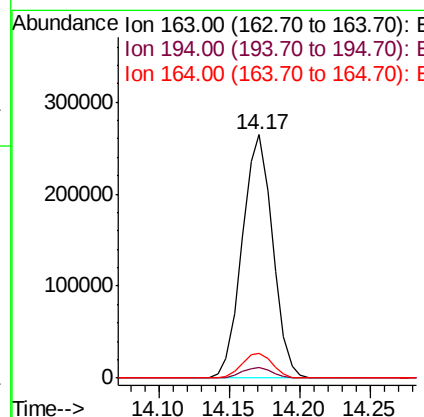
RT: 14.17 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Tgt Ion:	163	Resp:	400035
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	9.9	8.5	12.7





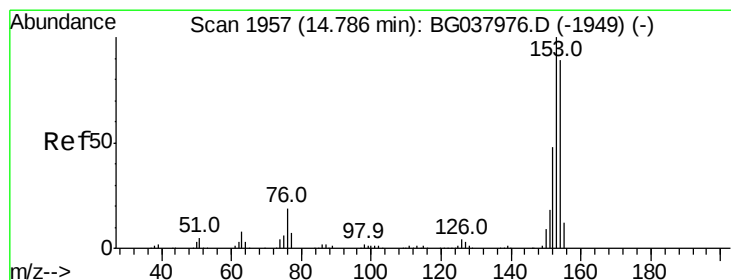
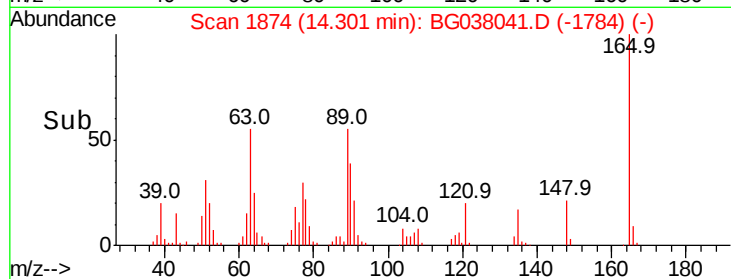
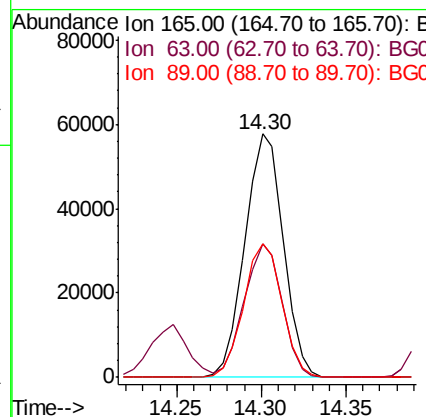
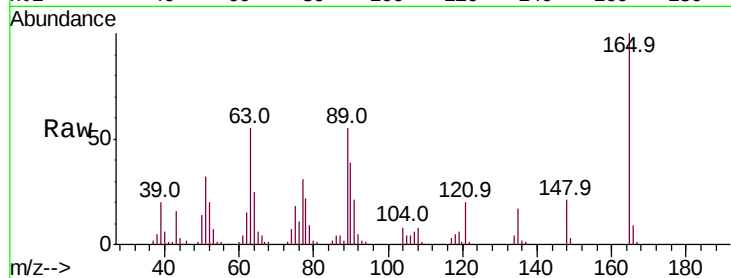
#51
 2,6-Dinitrotoluene
 Concen: 43.558 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.9	43.4	65.2
89	54.8	45.8	68.6

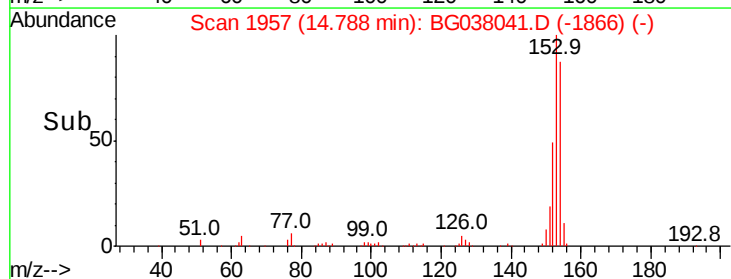
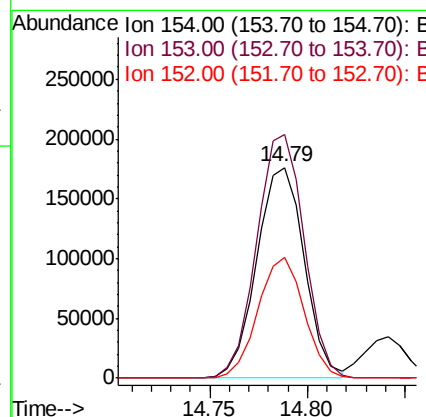
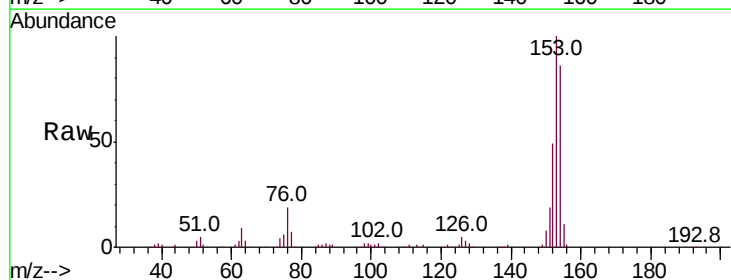
Manual Integrations
 APPROVED

Sohil
 11/19/2018 2:13:30 PM



#52
 Acenaphthene
 Concen: 43.695 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.6	93.4	140.0
152	57.2	44.7	67.1





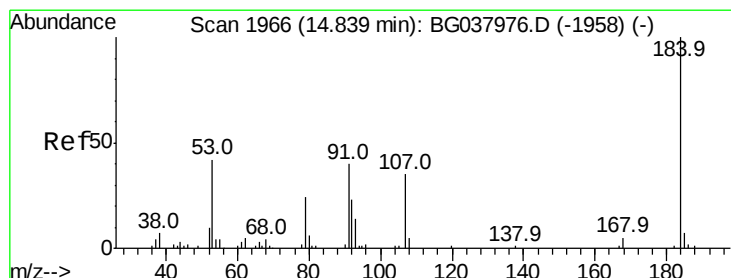
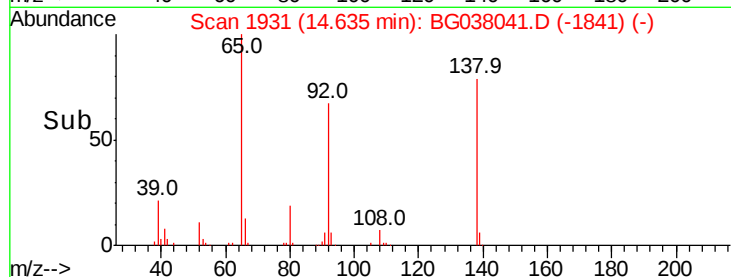
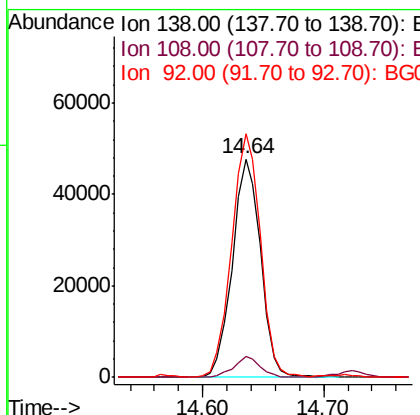
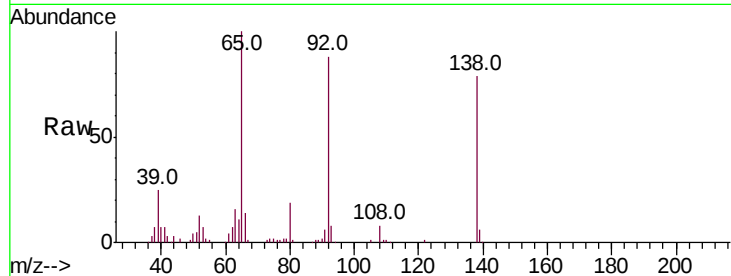
#53
3-Nitroaniline
Concen: 33.706 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion:138 Resp: 77877
Ion Ratio Lower Upper
138 100
108 9.7 11.0 16.6#
92 111.6 95.2 142.8

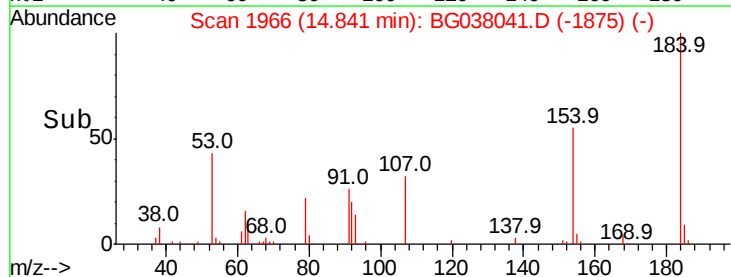
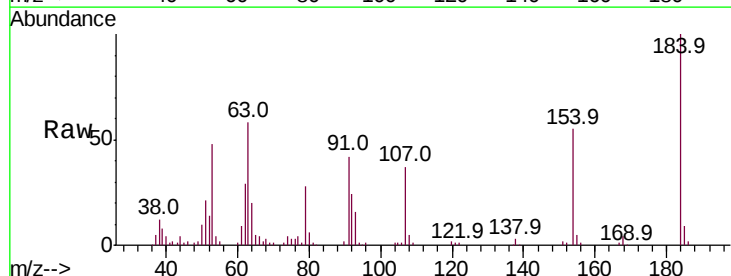
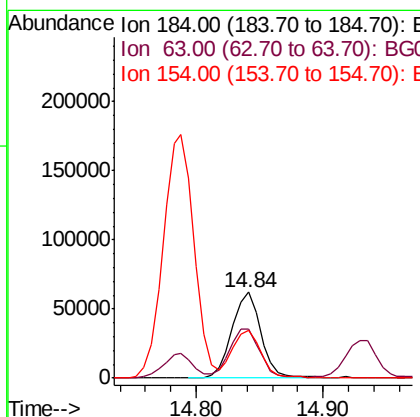
Manual Integrations
APPROVED

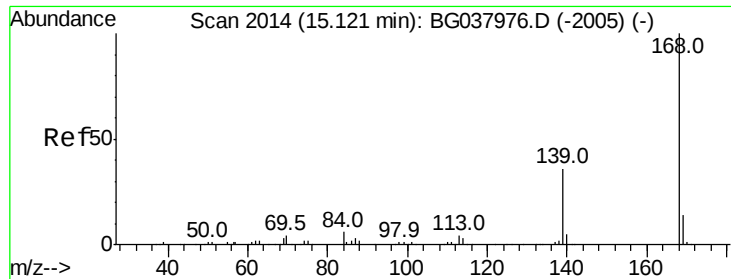
Sohil
11/19/2018 2:13:30 PM



#54
2,4-Dinitrophenol
Concen: 86.675 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion:184 Resp: 98937
Ion Ratio Lower Upper
184 100
63 57.6 42.6 63.8
154 54.9 41.8 62.6





#55

Dibenzofuran

Concen: 43.067 ng

RT: 15.12 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

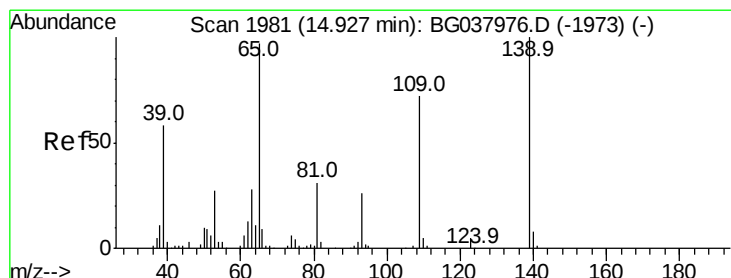
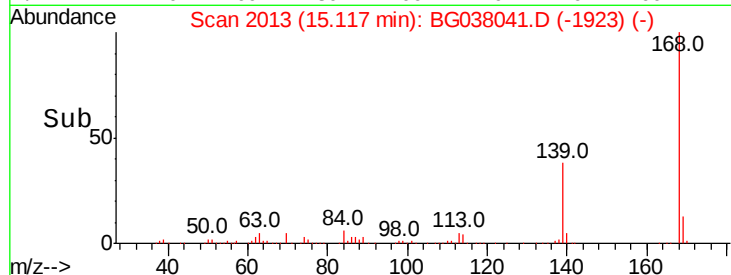
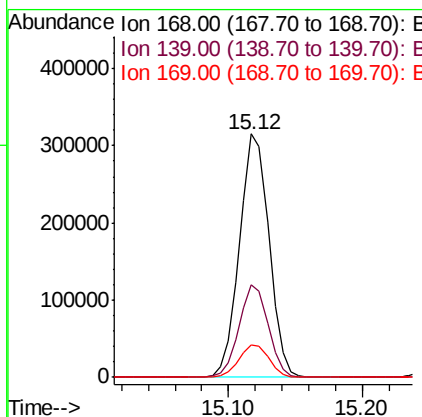
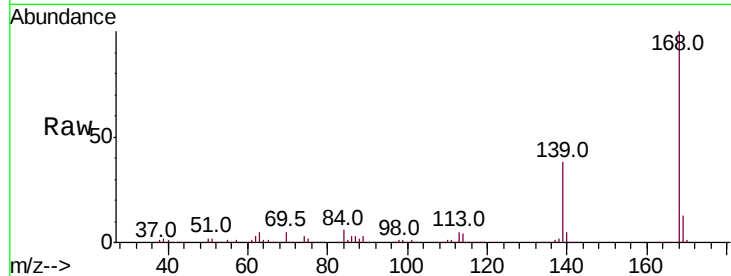
ClientSampleId :

PB114874BS

Tot Ion:168	Resp:	482310
Ion Ratio	Lower	Upper
168	100	
139	37.8	29.4 44.0
169	13.3	11.0 16.6

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



#56

4-Nitrophenol

Concen: 92.068 ng

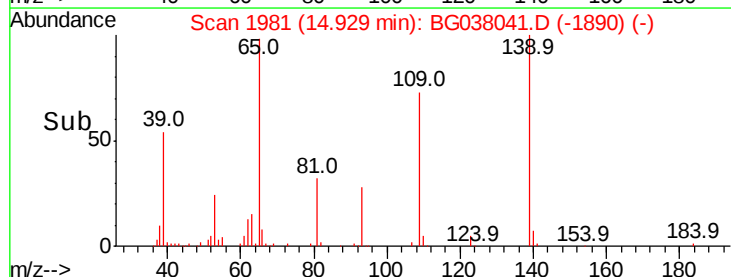
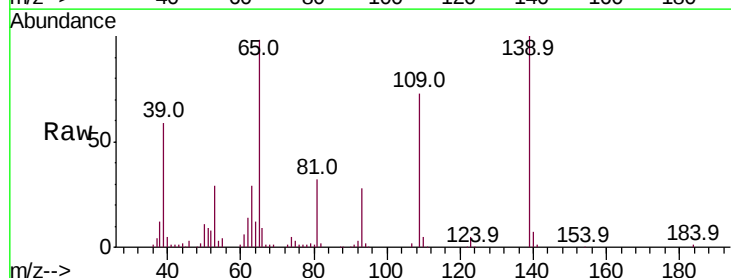
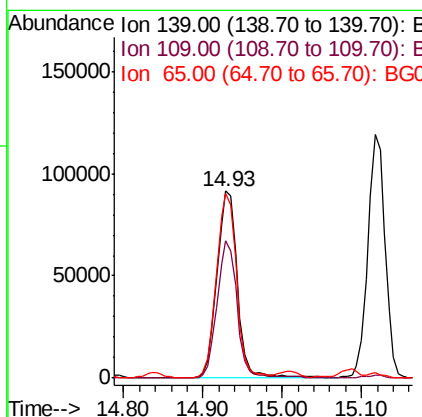
RT: 14.93 min Scan# 1981

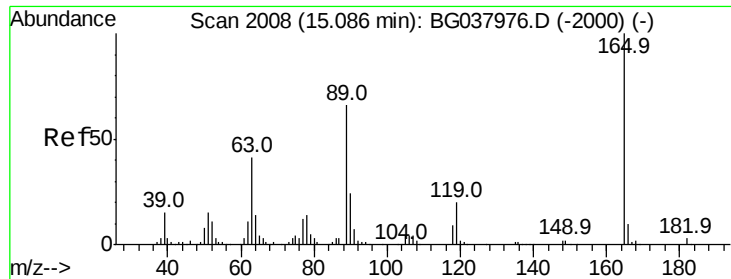
Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Tgt Ion:139	Resp:	164061
Ion Ratio	Lower	Upper
139	100	
109	73.4	49.5 89.5
65	98.4	76.8 116.8





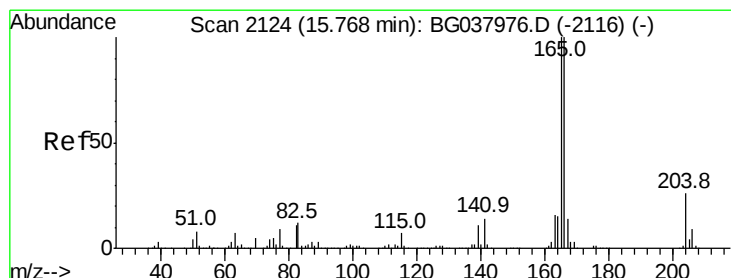
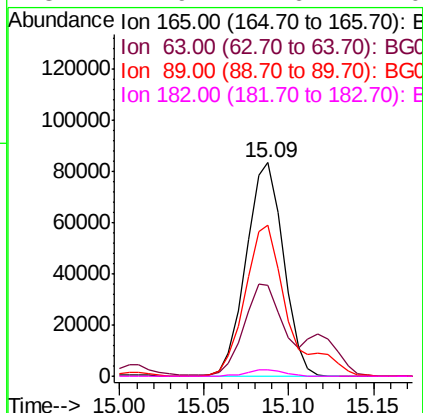
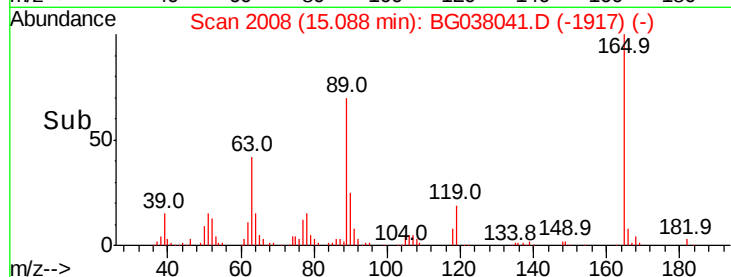
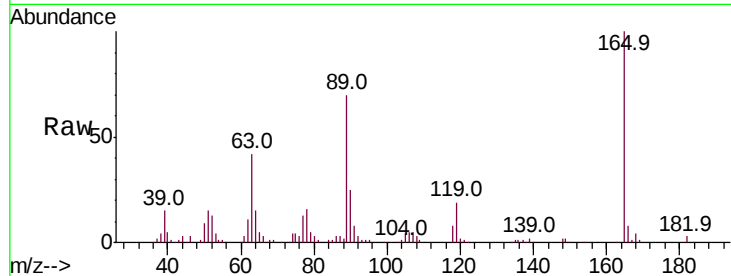
#57
2,4-Dinitrotoluene
Concen: 44.995 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	128183		
63	42.5	33.4	50.0	
89	70.5	57.2	85.8	
182	2.9	2.6	4.0	

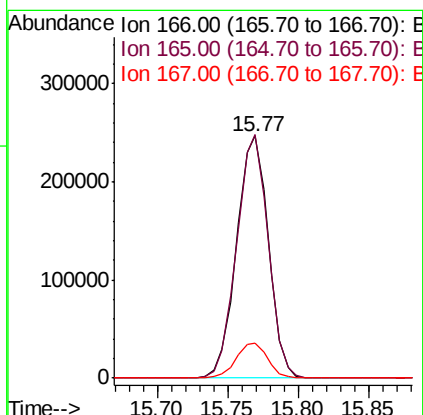
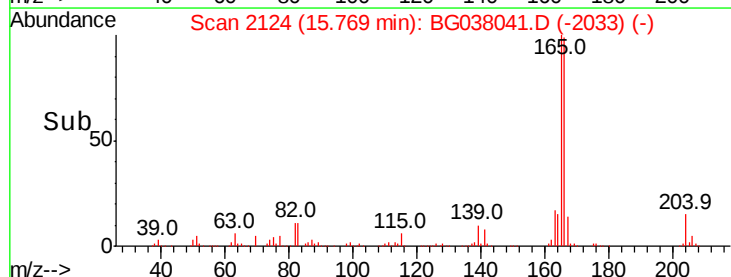
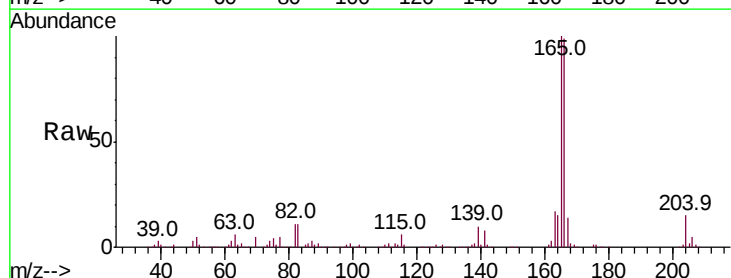
Manual Integrations
APPROVED

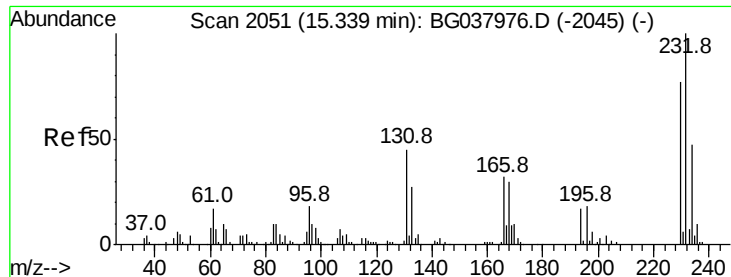
Sohil
11/19/2018 2:13:30 PM



#58
Fluorene
Concen: 46.346 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	387257		
165	100.6	79.0	118.6	
167	14.5	11.3	16.9	





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.702 ng

RT: 15.34 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

Tot Ion:232 Resp: 109261

Ion Ratio Lower Upper

232 100

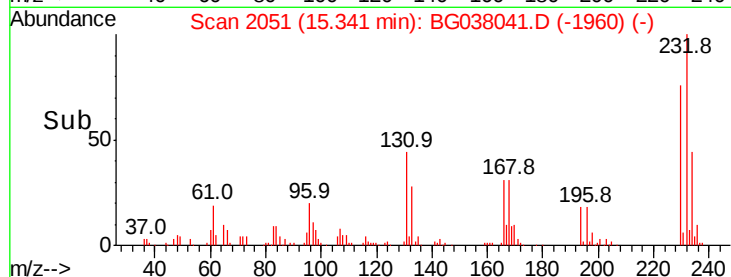
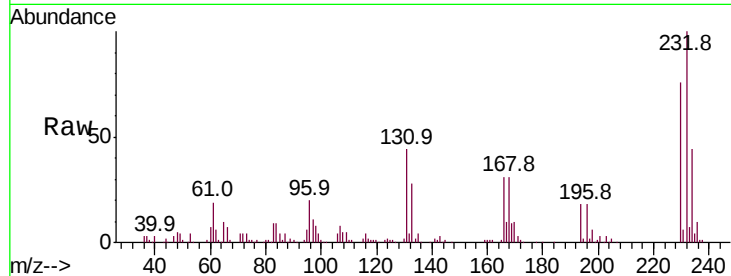
131 45.1 33.7 50.5

130 2.7 2.1 3.1

166 32.2 24.6 36.8

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM

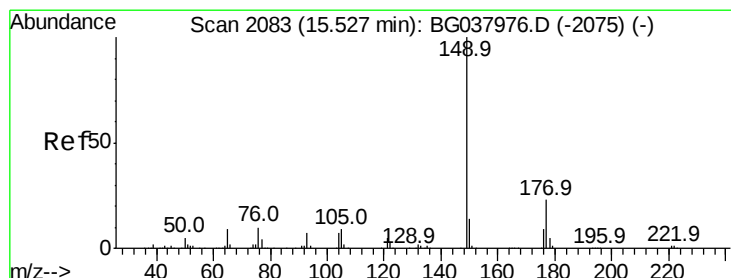
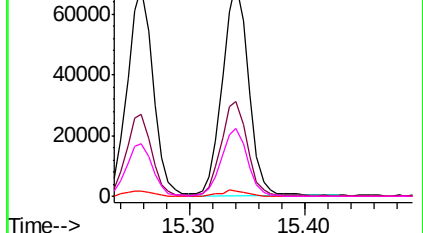


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.819 ng

RT: 15.52 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

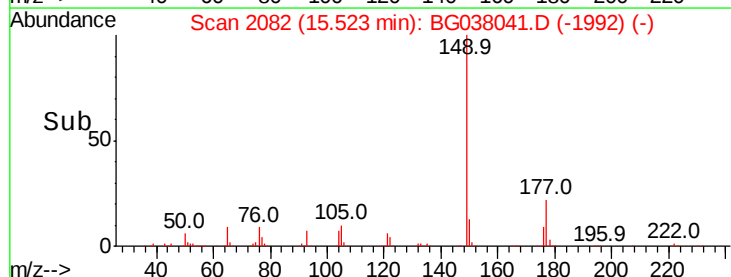
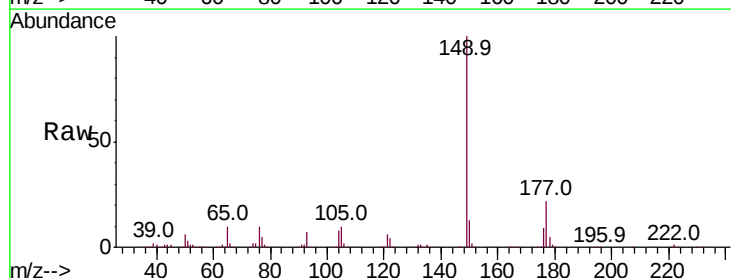
Tgt Ion:149 Resp: 410925

Ion Ratio Lower Upper

149 100

177 22.2 18.3 27.5

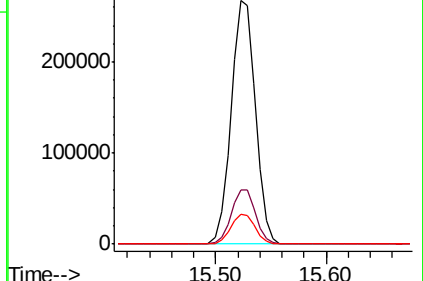
150 12.5 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





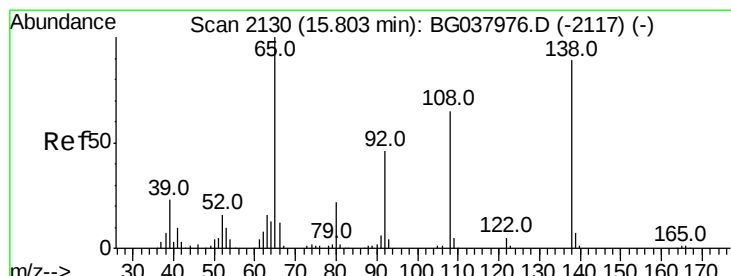
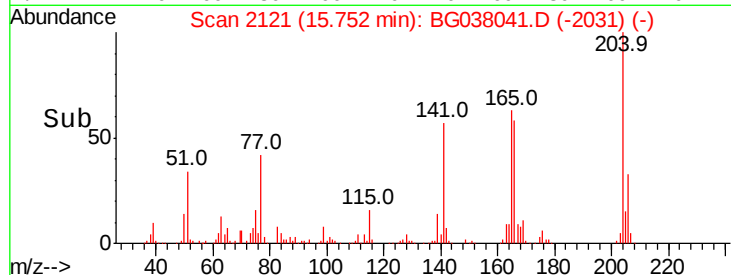
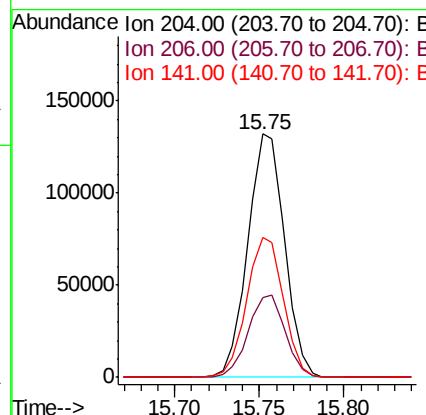
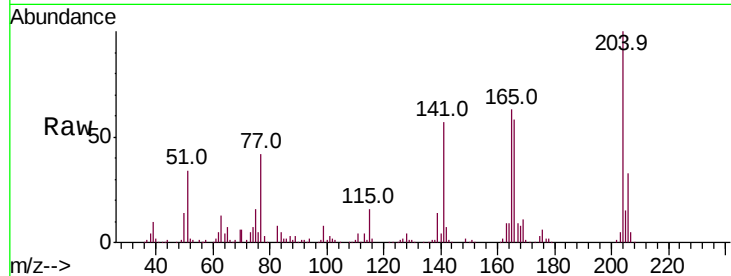
#61
4-Chlorophenyl-phenylether
Concen: 40.850 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	57.2	45.4	68.2

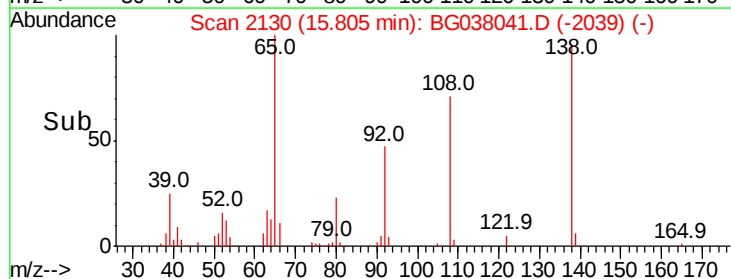
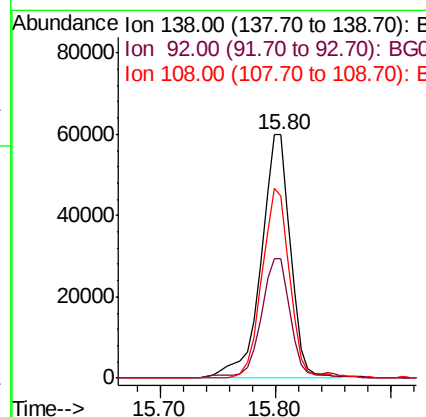
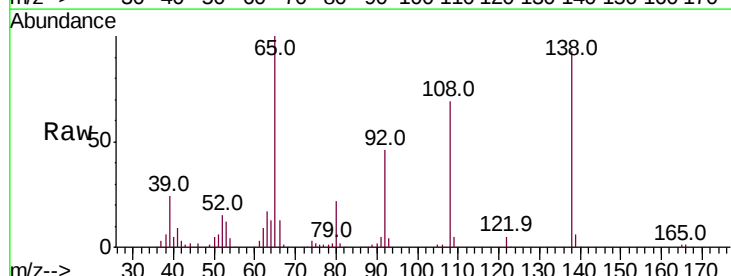
Manual Integrations
APPROVED

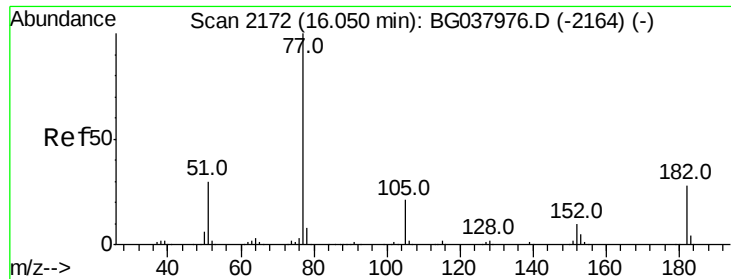
Sohil
11/19/2018 2:13:30 PM



#62
4-Nitroaniline
Concen: 46.192 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	36.4	76.4
108	74.9	60.1	100.1





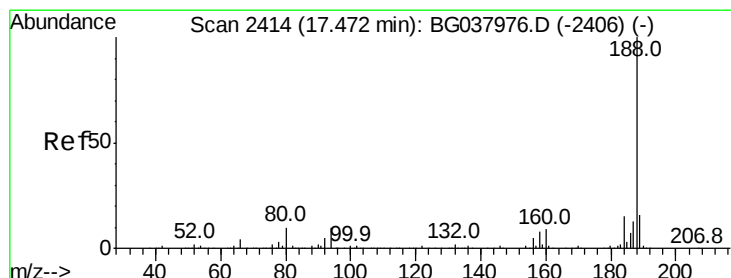
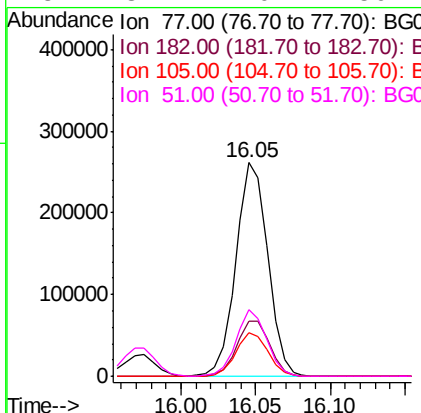
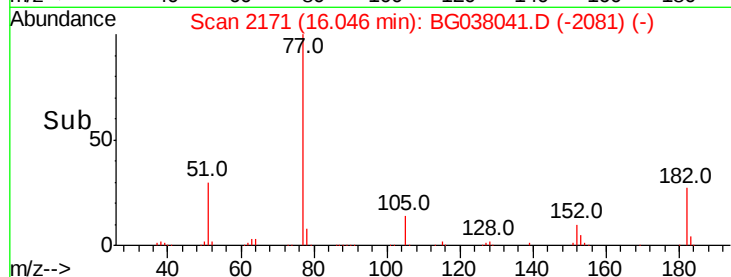
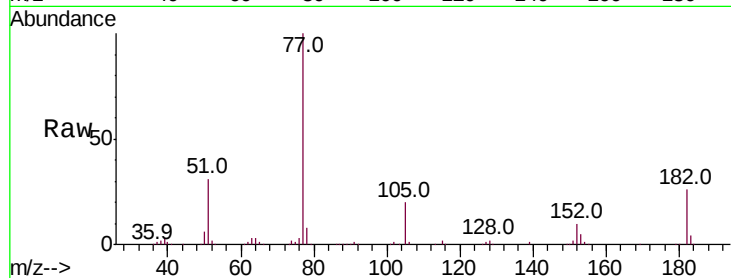
#63
Azobenzene
Concen: 44.050 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	8.0	48.0
105	20.4	1.3	41.3
51	31.4	10.7	50.7

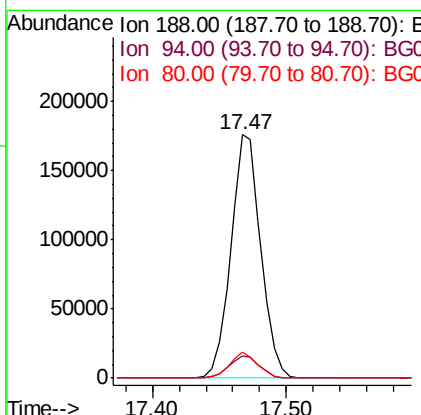
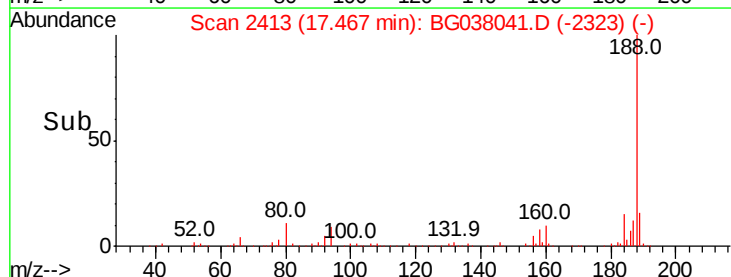
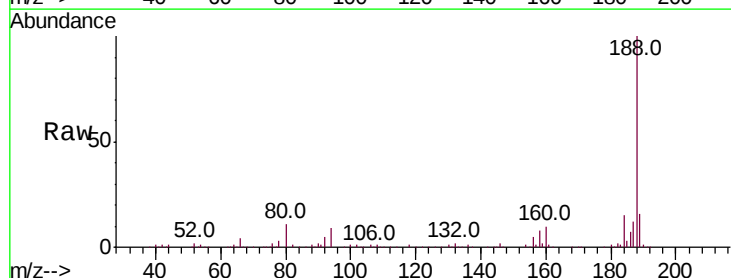
Manual Integrations
APPROVED

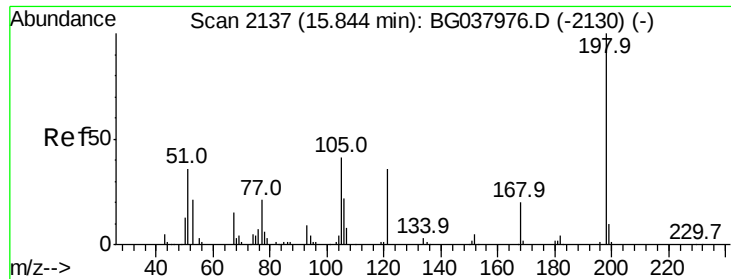
Sohil
11/19/2018 2:13:30 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.8	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 41.917 ng

RT: 15.85 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

PB114874BS

Tot Ion:198 Resp: 72044

Ion Ratio Lower Upper

198 100

51 45.9 22.7 62.7

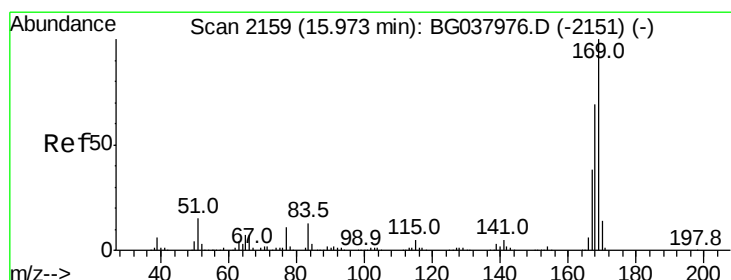
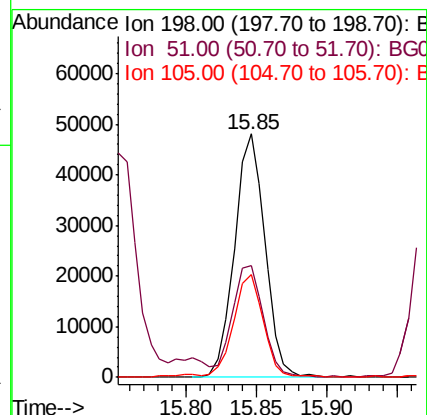
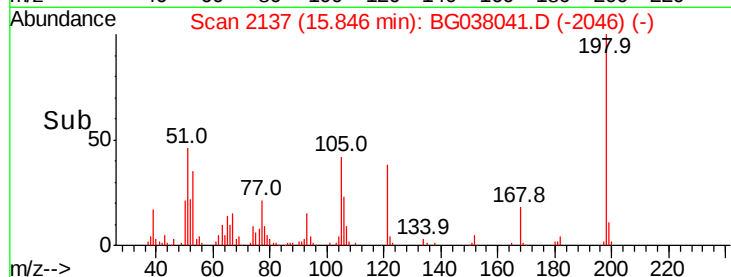
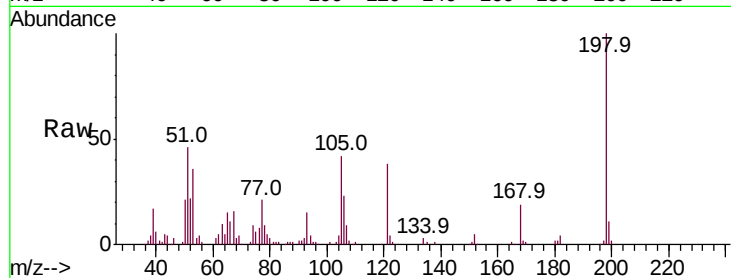
105 42.4 19.7 59.7

Manual Integrations

APPROVED

Sohil

11/19/2018 2:13:30 PM



#66

n-Nitrosodiphenylamine

Concen: 42.236 ng

RT: 15.98 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

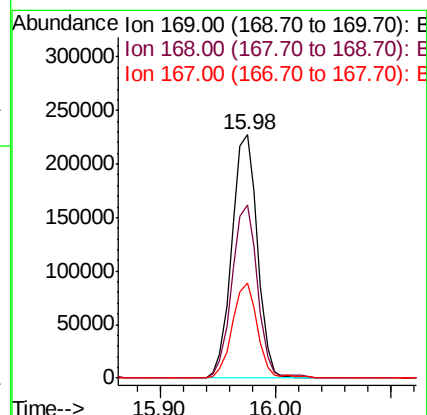
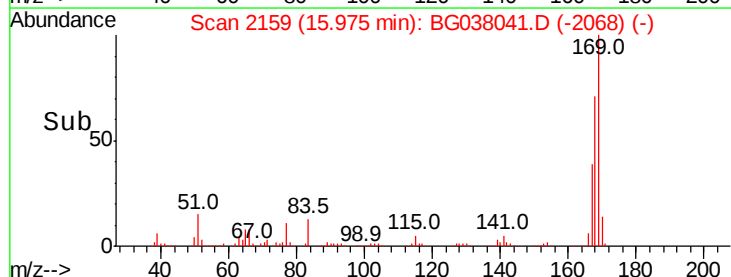
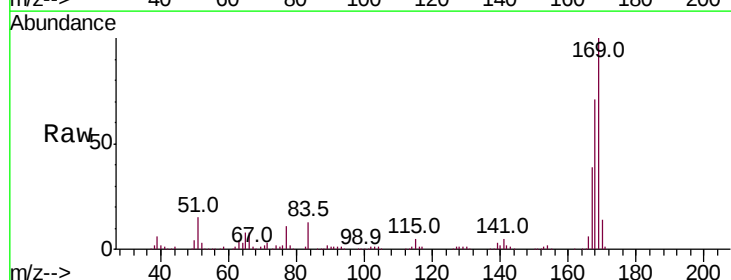
Tgt Ion:169 Resp: 347212

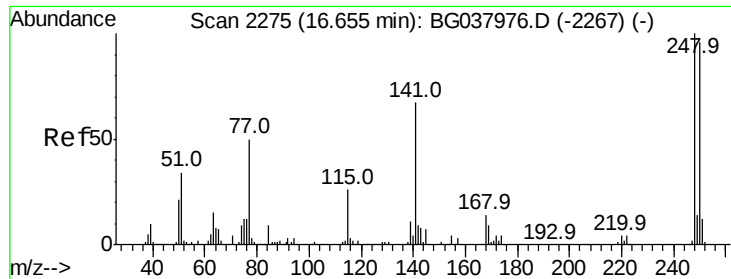
Ion Ratio Lower Upper

169 100

168 71.4 55.7 83.5

167 39.2 31.3 46.9





#67

4-Bromophenyl-phenylether

Concen: 41.191 ng

RT: 16.65 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

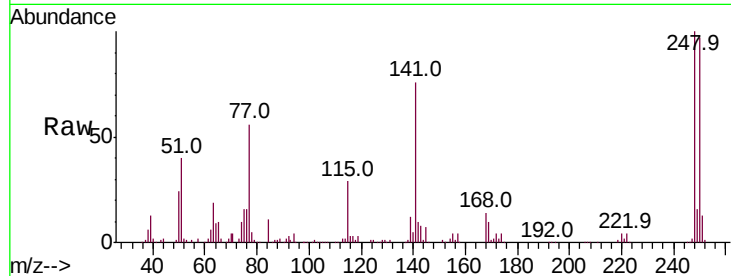
ClientSampleId :

PB114874BS

Tot Ion:	248	Resp:	122853
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.0	115.6
141	76.0	55.5	83.3

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM

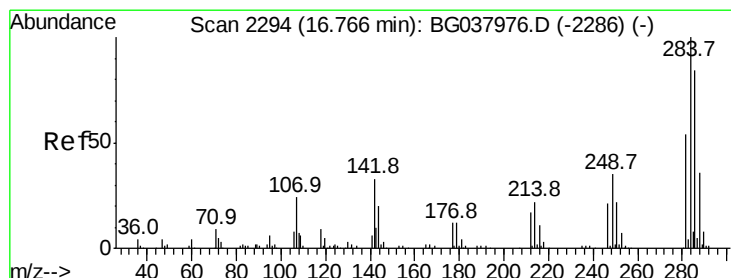
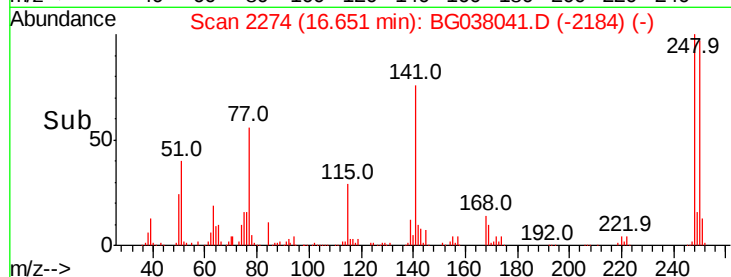
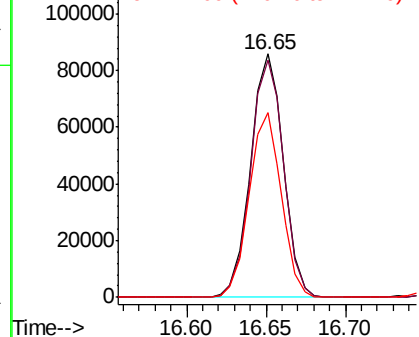


Abundance

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: 40.845 ng

RT: 16.76 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

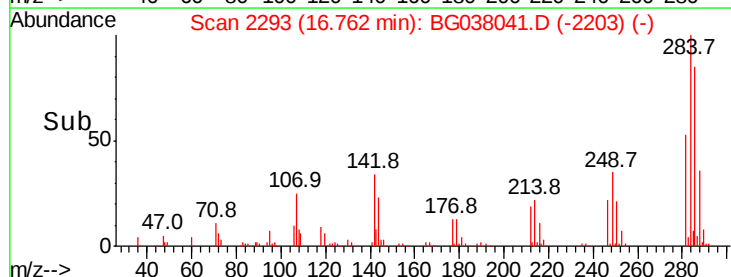
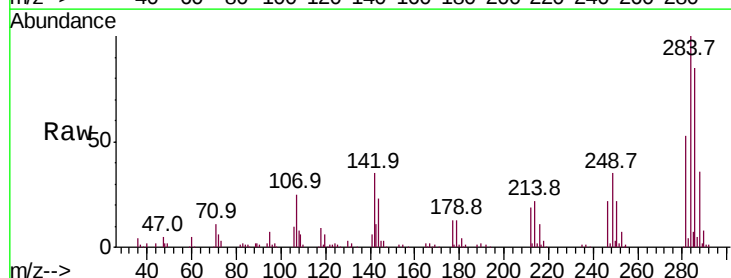
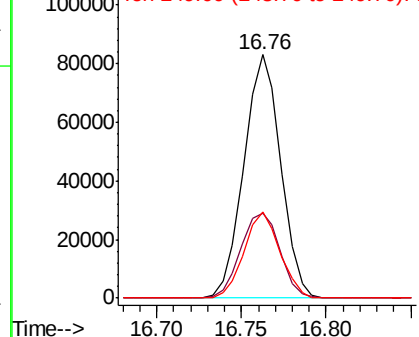
Tgt Ion:	284	Resp:	125744
Ion Ratio	Lower	Upper	
284	100		
142	35.1	28.1	42.1
249	38.0	29.8	44.8

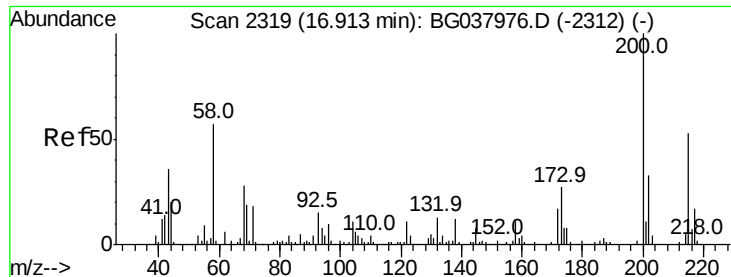
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





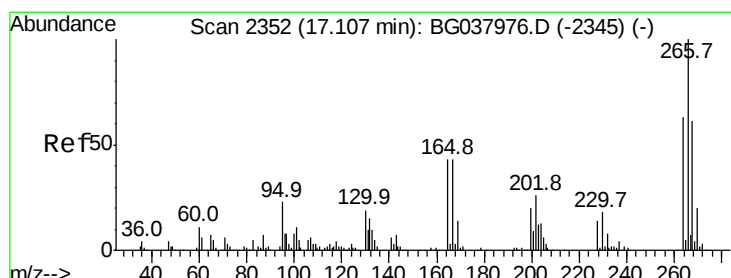
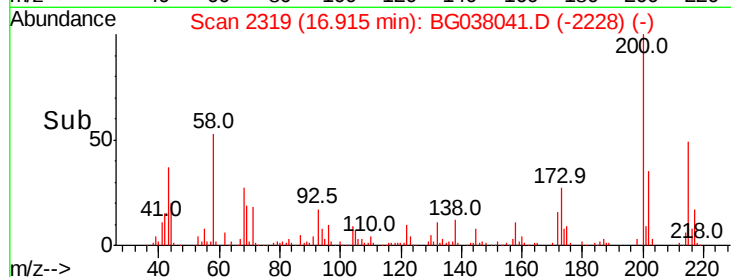
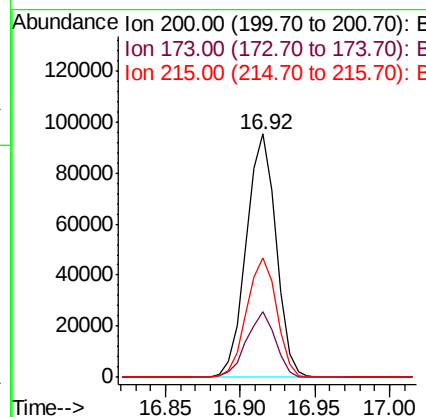
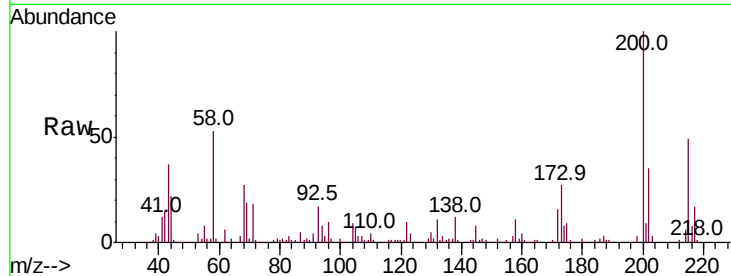
#69
Atrazine
Concen: 43.367 ng
RT: 16.92 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	6.1	46.1
215	48.9	30.8	70.8

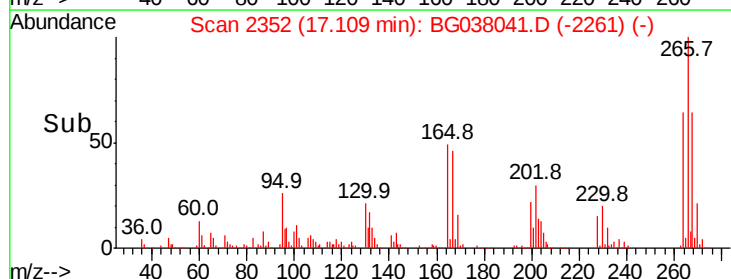
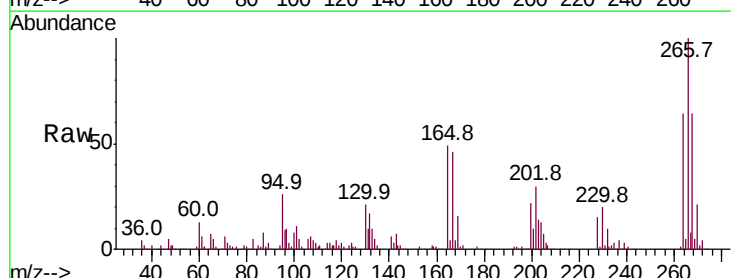
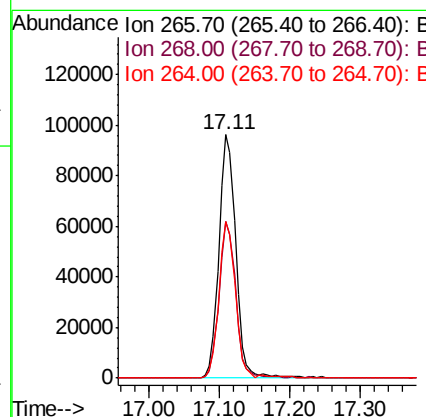
Manual Integrations
APPROVED

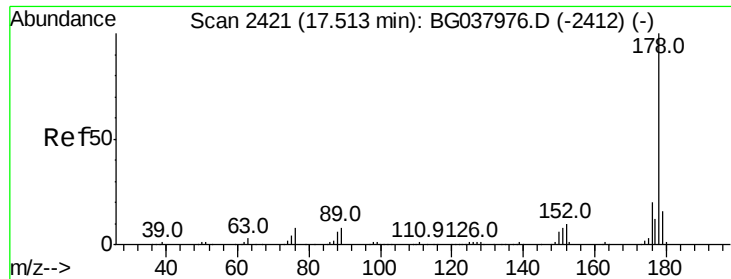
Sohil
11/19/2018 2:13:30 PM



#70
Pentachlorophenol
Concen: 77.112 ng
RT: 17.11 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	69.2	55.0	82.6
264	69.3	58.9	88.3





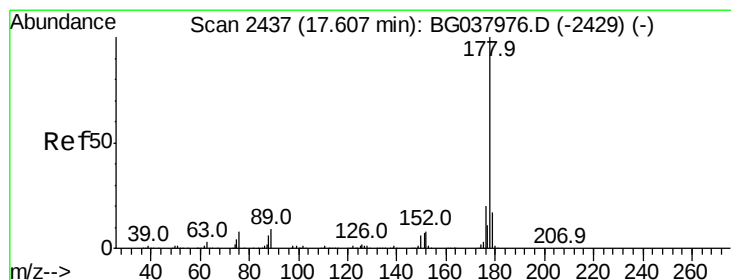
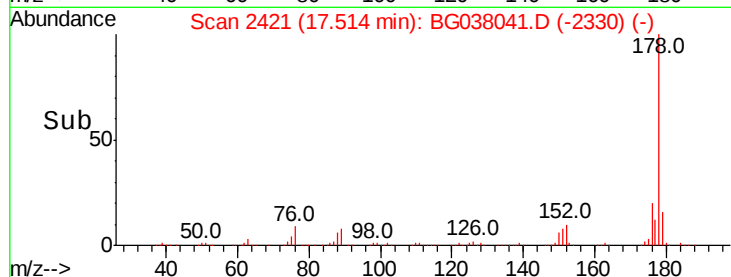
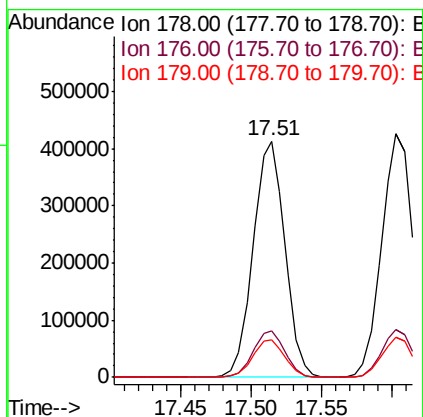
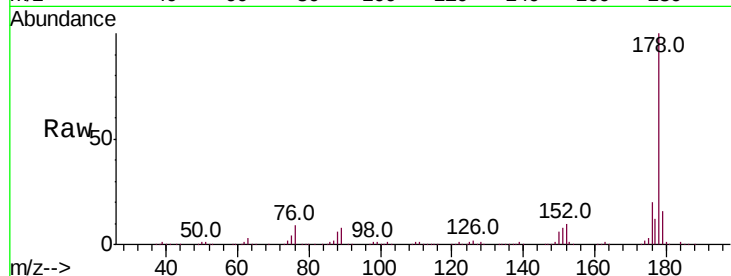
#71
 Phenanthrene
 Concen: 46.848 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	16.1	13.0	19.4

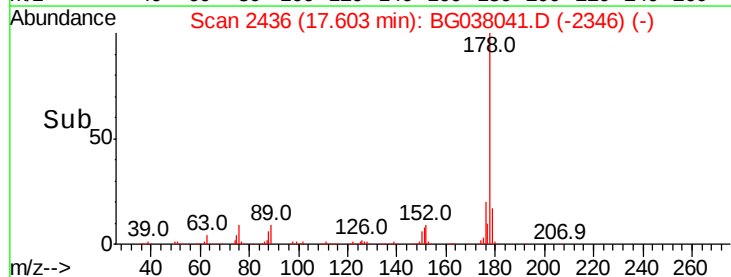
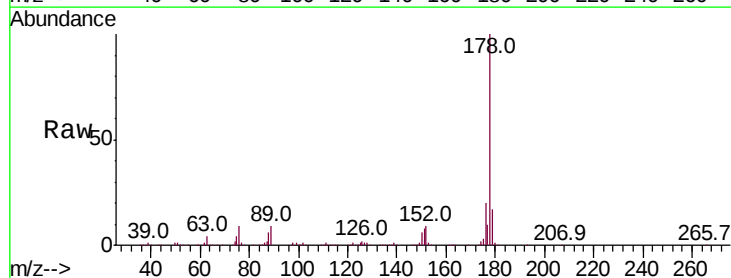
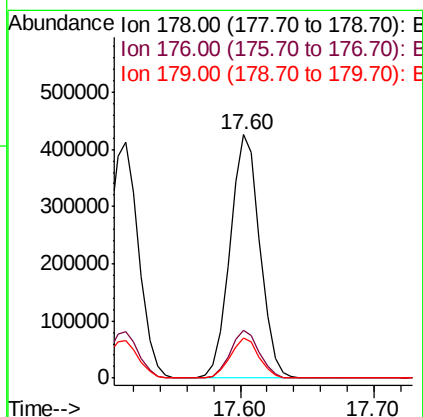
Manual Integrations
 APPROVED

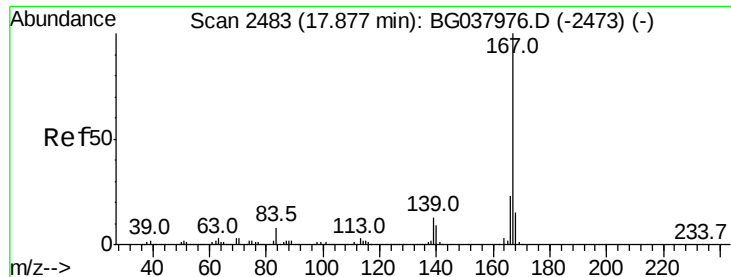
Sohil
 11/19/2018 2:13:30 PM



#72
 Anthracene
 Concen: 47.917 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	16.6	12.8	19.2





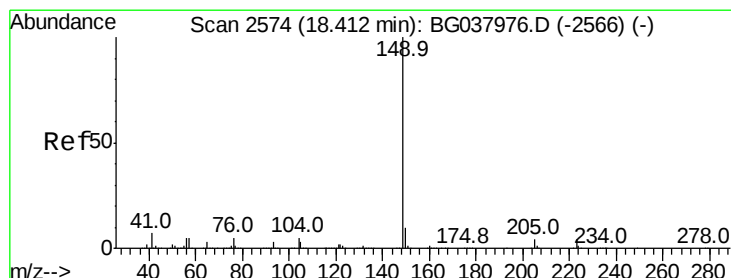
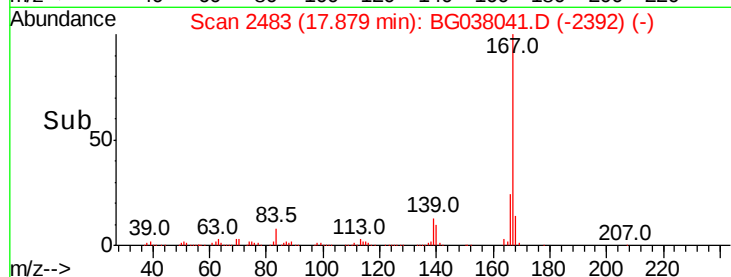
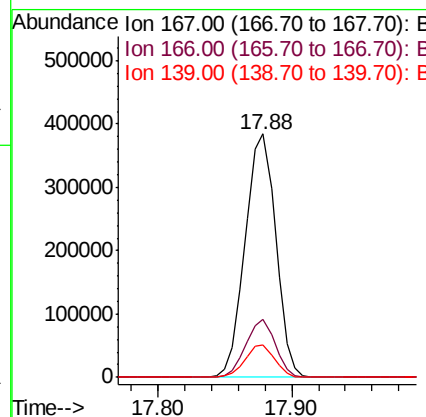
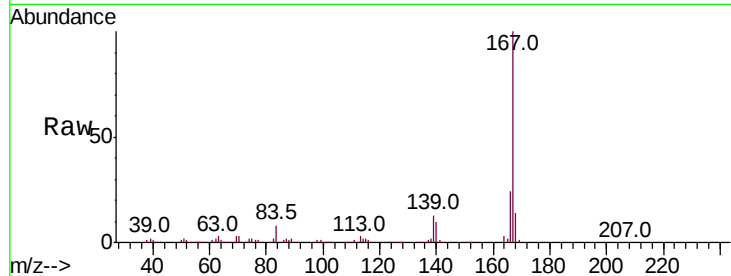
#73
 Carbazole
 Concen: 44.329 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.3	27.5
139	13.2	10.5	15.7

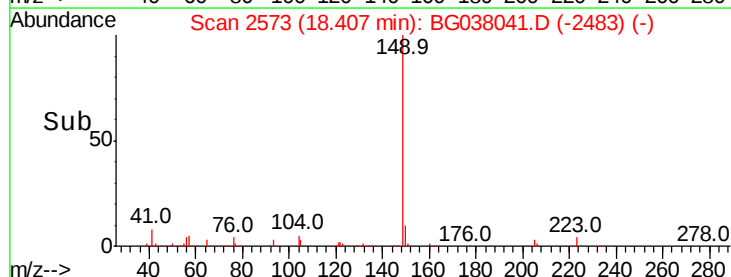
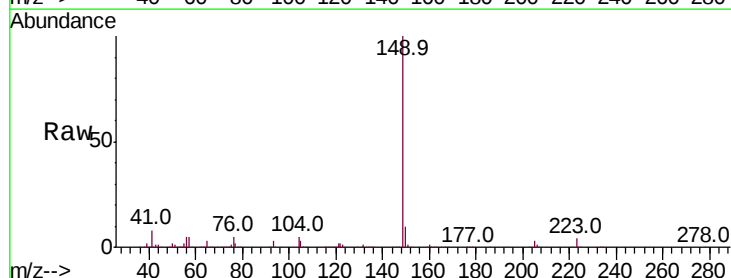
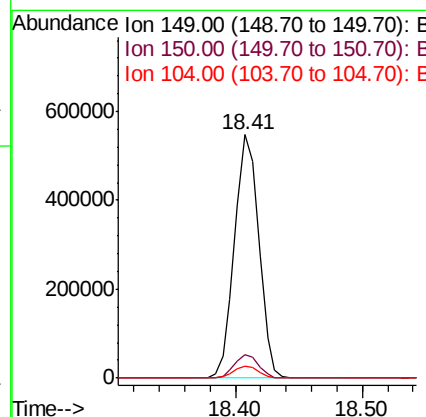
Manual Integrations
 APPROVED

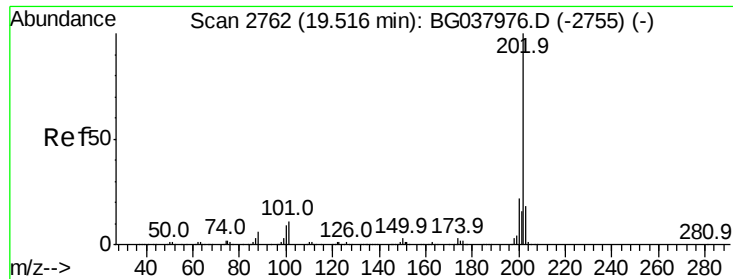
Sohil
 11/19/2018 2:13:30 PM



#74
 Di-n-butylphthalate
 Concen: 46.875 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 48.769 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

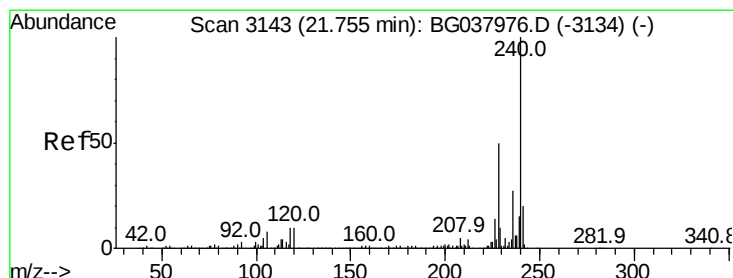
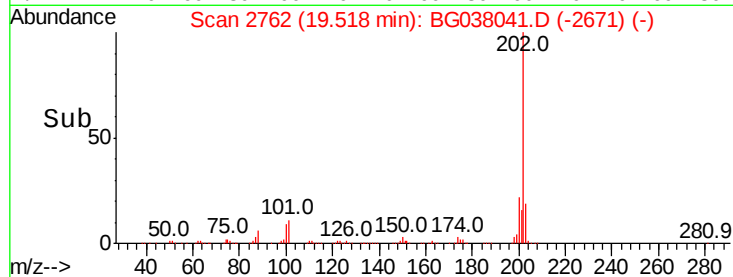
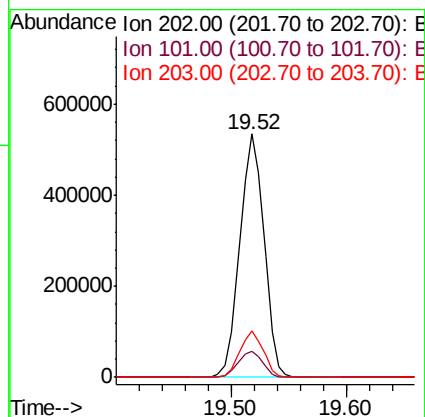
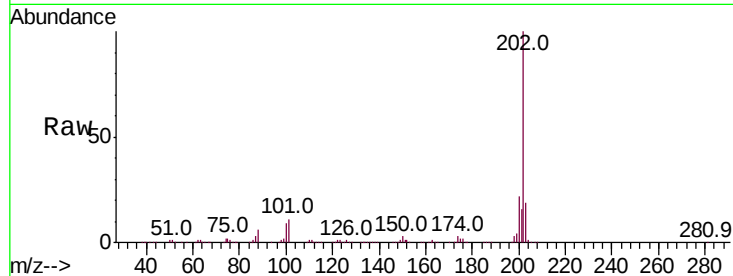
ClientSampleId :

PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	774111		
101	10.9	0.0	30.7	
203	18.9	0.0	38.5	

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



#76

Chrysene-d12

Concen: 20.000 ng

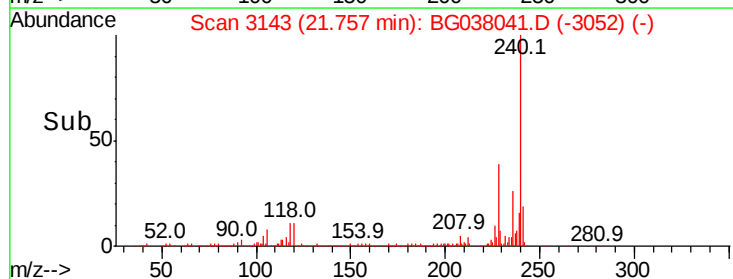
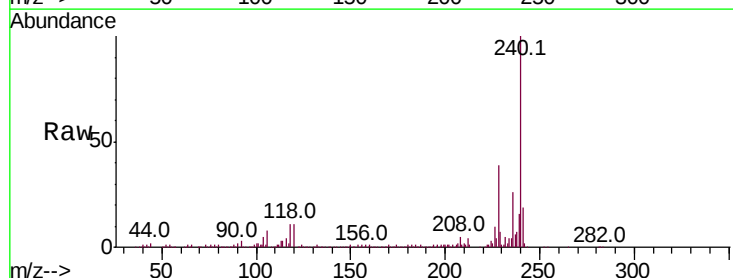
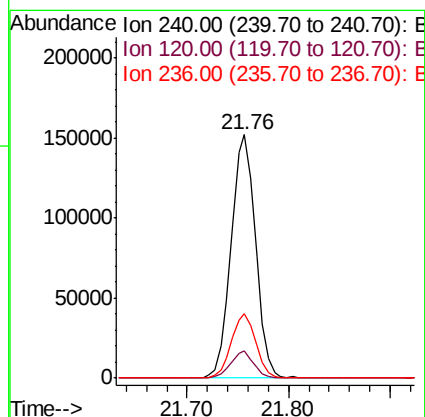
RT: 21.76 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	254527		
120	11.4	8.1	12.1	
236	26.3	21.4	32.0	





#77

Benzidine

Concen: 43.238 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

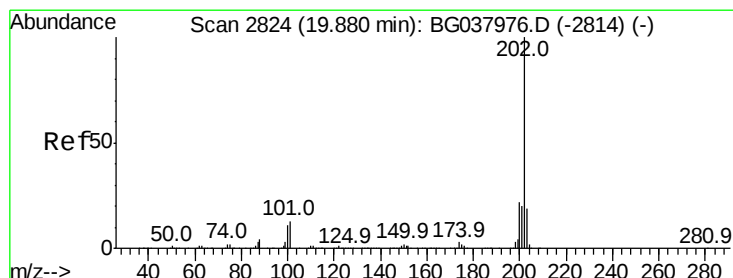
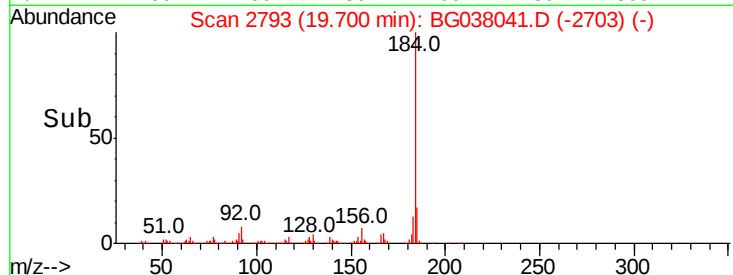
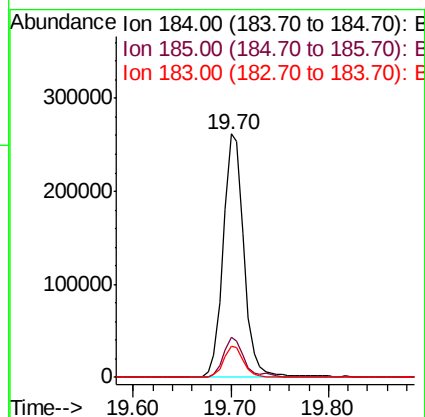
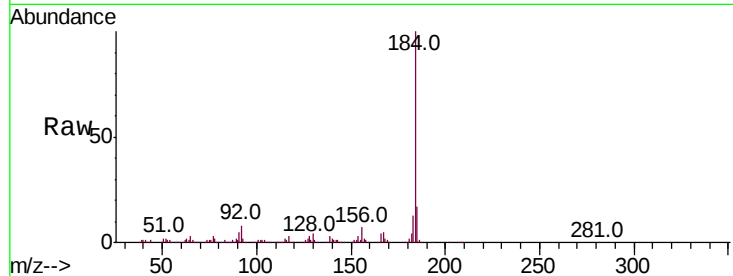
ClientSampleId :

PB114874BS

Tot Ion:	184	Resp:	386167
Ion Ratio	Lower	Upper	
184	100		
185	16.7	12.6	18.8
183	12.9	10.2	15.2

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



#78

Pyrene

Concen: 46.218 ng

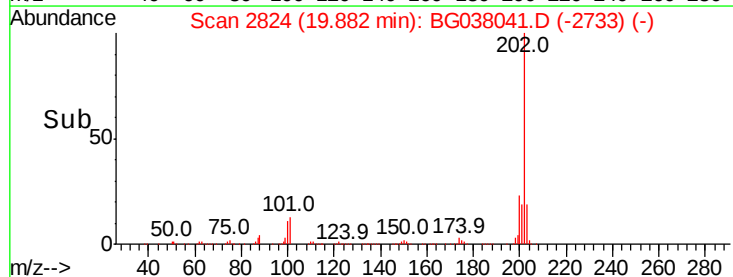
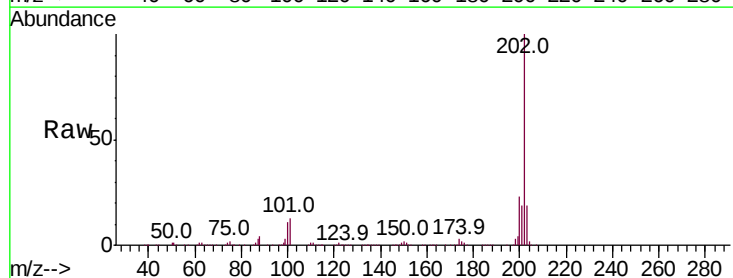
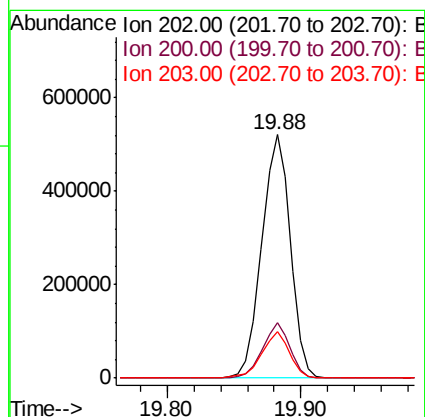
RT: 19.88 min Scan# 2824

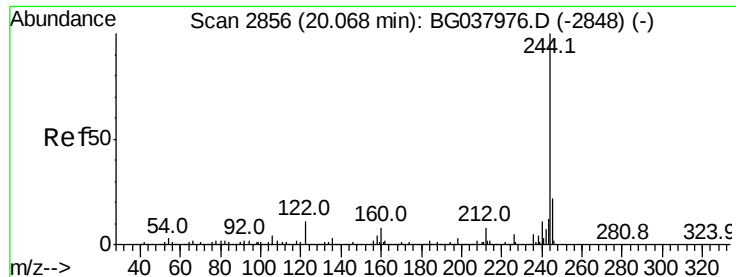
Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Tgt Ion:	202	Resp:	769127
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.8	26.6
203	19.0	15.2	22.8





#79

Terphenyl-d14

Concen: 81.866 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

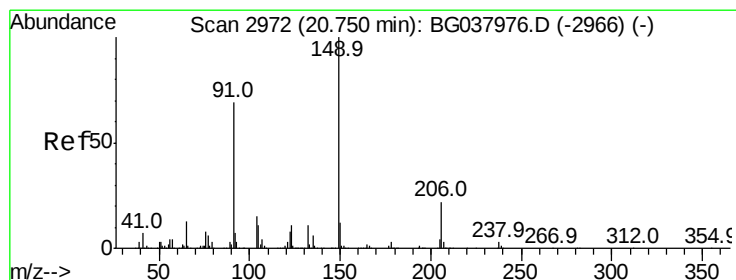
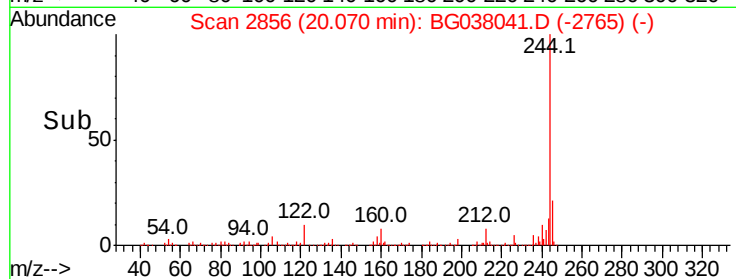
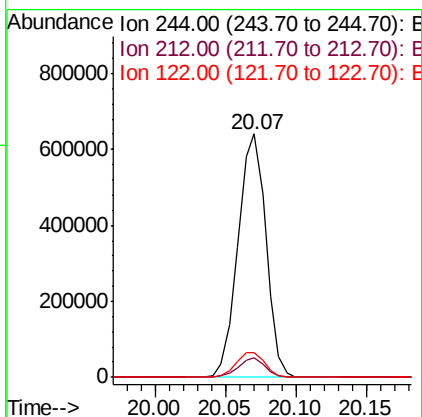
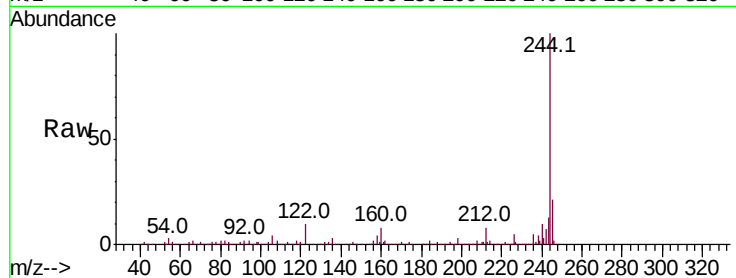
ClientSampleId :

PB114874BS

Tot Ion:244	Resp:	885549
Ion Ratio	Lower	Upper
244 100		
212 8.1	6.5	9.7
122 10.1	9.0	13.4

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



#80

Butylbenzylphthalate

Concen: 46.925 ng

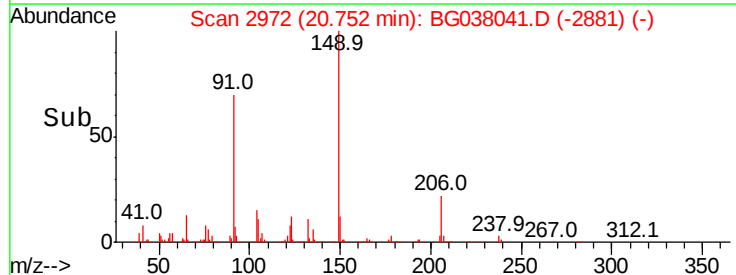
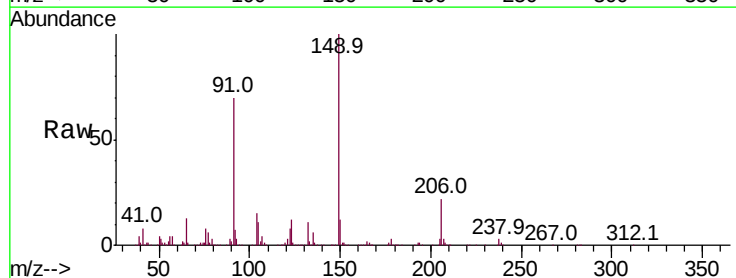
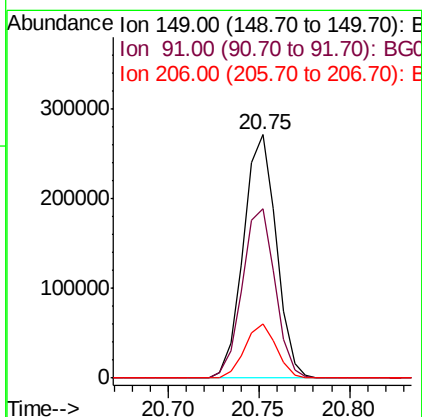
RT: 20.75 min Scan# 2972

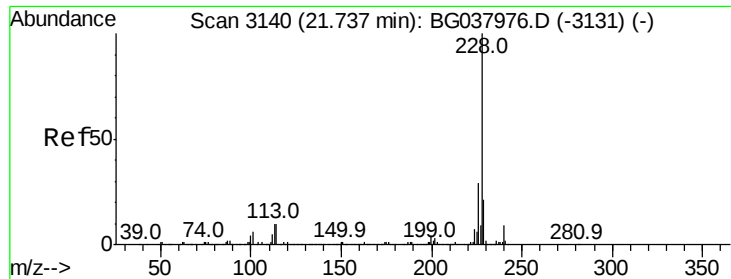
Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Tgt Ion:149	Resp:	341496
Ion Ratio	Lower	Upper
149 100		
91 69.7	57.0	85.4
206 22.3	17.8	26.6





#81

Benzo(a)anthracene

Concen: 48.053 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

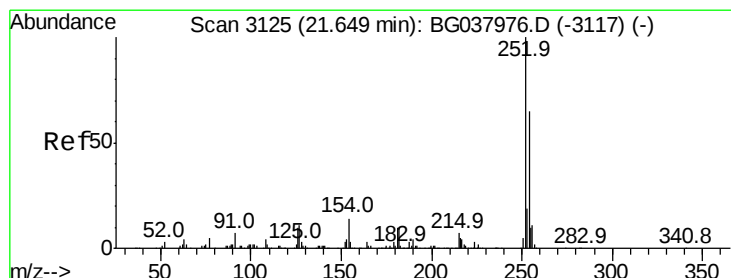
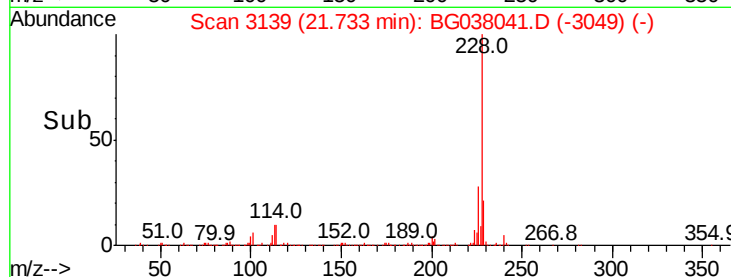
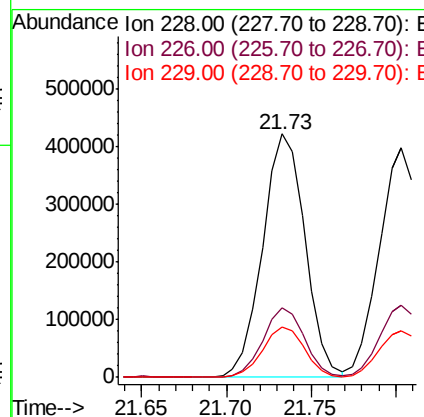
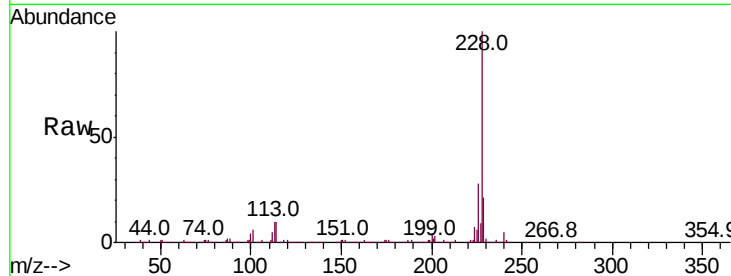
ClientSampled :

PB114874BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.8	16.3	24.5

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



#82

3,3'-Dichlorobenzidine

Concen: 30.018 ng

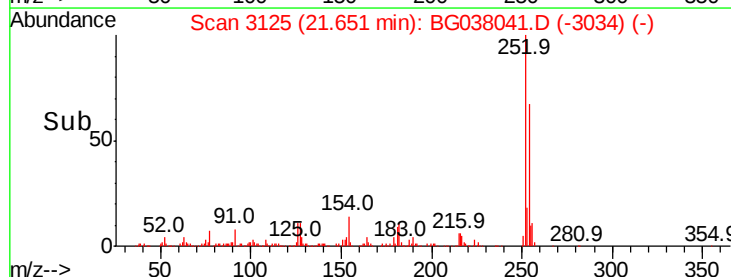
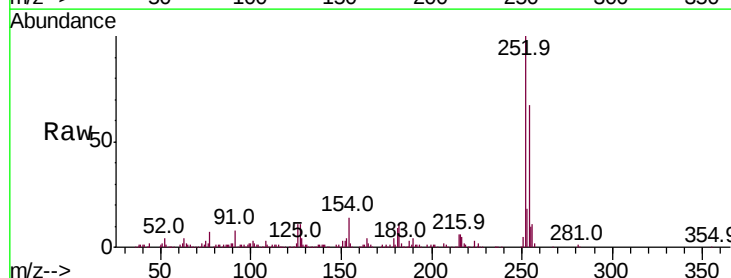
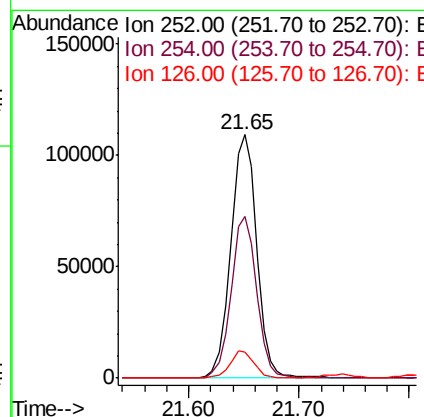
RT: 21.65 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.7	52.0	78.0
126	10.9	8.2	12.4





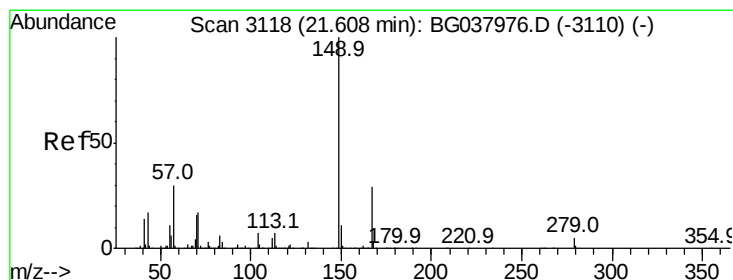
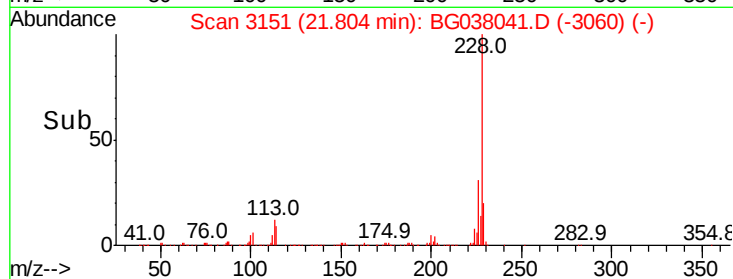
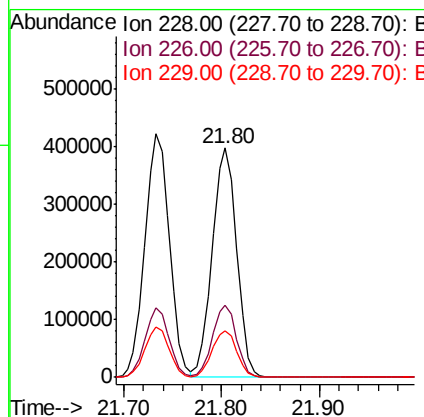
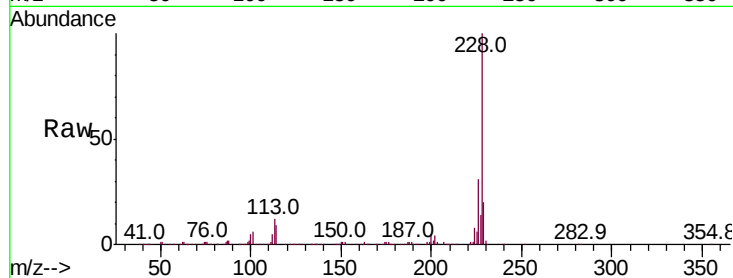
#83
 Chrysene
 Concen: 46.874 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Instrument :
 BNA_G
 ClientSampleID :
 PB114874BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.7	38.5
229	20.4	16.5	24.7

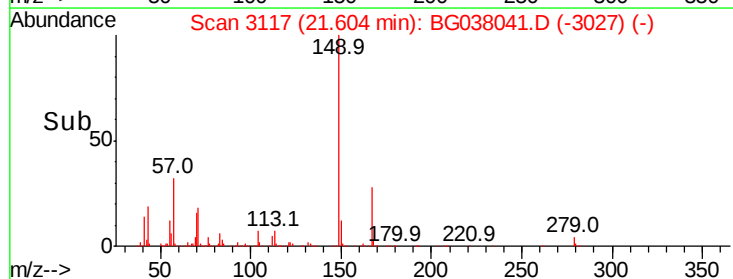
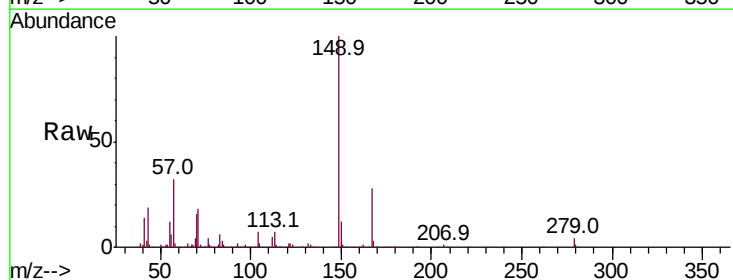
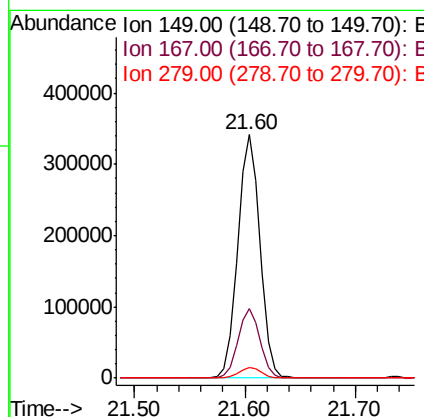
Manual Integrations
 APPROVED

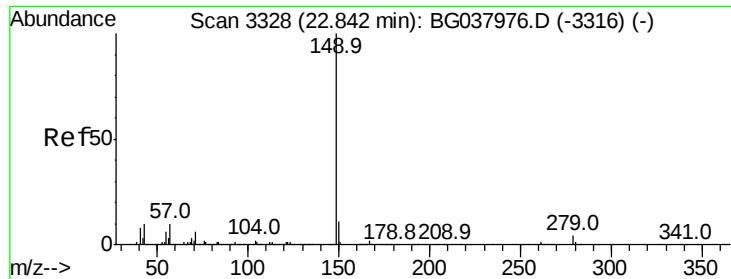
Sohil
 11/19/2018 2:13:30 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.231 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BG038041.D
 Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.0	34.4
279	4.4	3.6	5.4





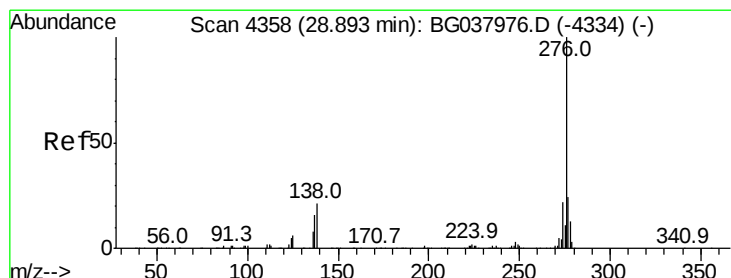
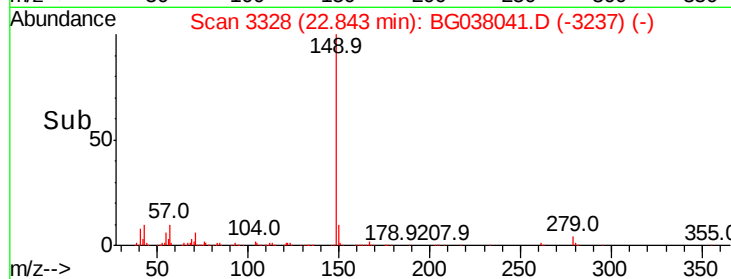
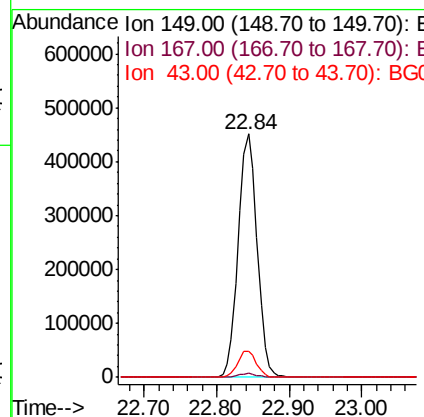
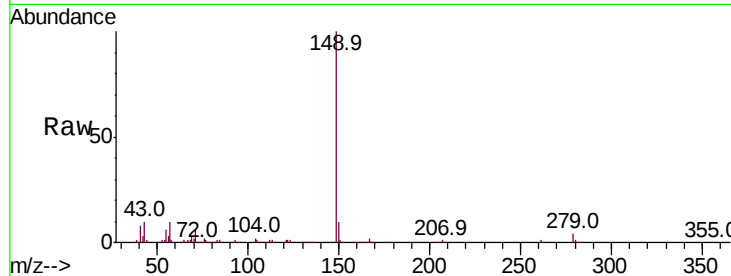
#85
Di-n-octyl phthalate
Concen: 48.891 ng
RT: 22.84 min Scan# 3328
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	820882		
167	1.7	1.3	1.9	
43	10.5	8.7	13.1	

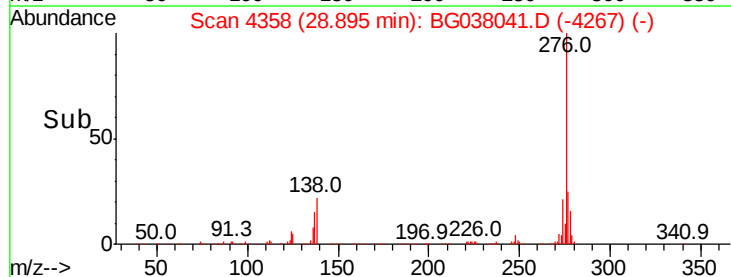
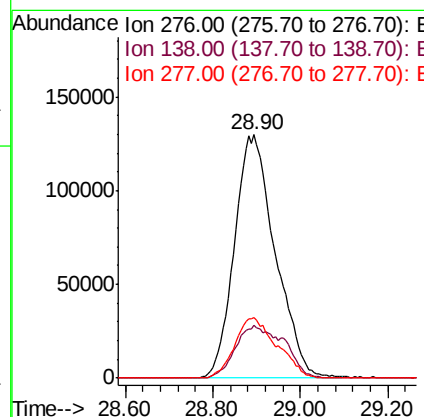
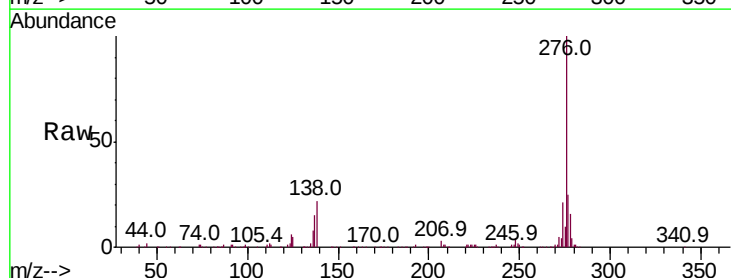
Manual Integrations
APPROVED

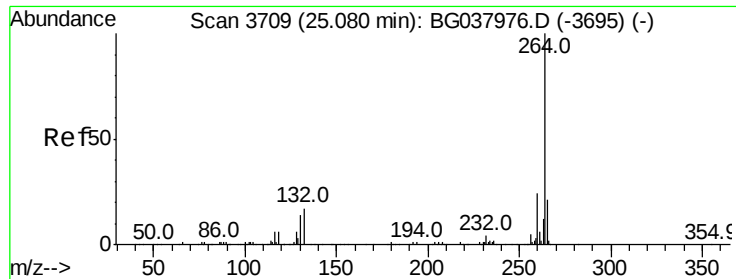
Sohil
11/19/2018 2:13:30 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.325 ng
RT: 28.90 min Scan# 4358
Delta R.T. 0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	822555		
138	19.7	12.0	18.0	#
277	25.7	20.6	30.8	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Instrument :

BNA_G

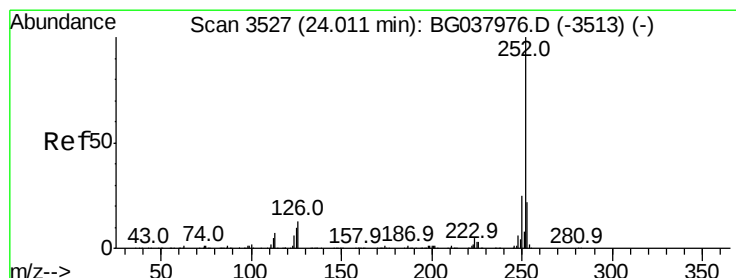
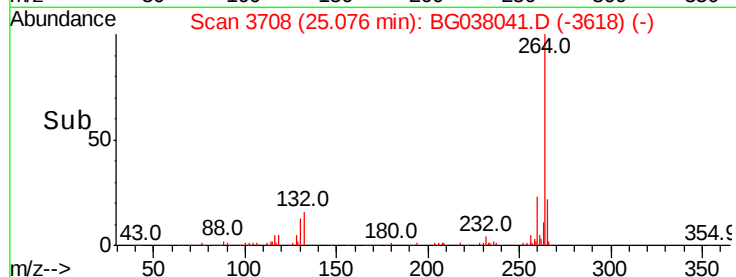
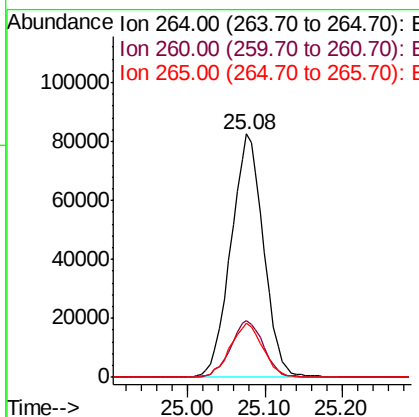
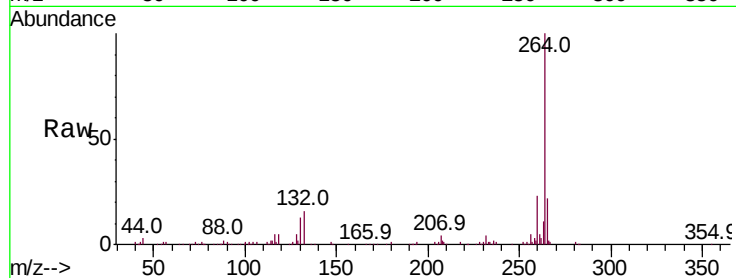
ClientSampleId :

PB114874BS

Tot Ion:	264	Resp:	243789
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.2	27.4
265	22.1	17.9	26.9

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



#88

Benzo(b)fluoranthene

Concen: 54.123 ng

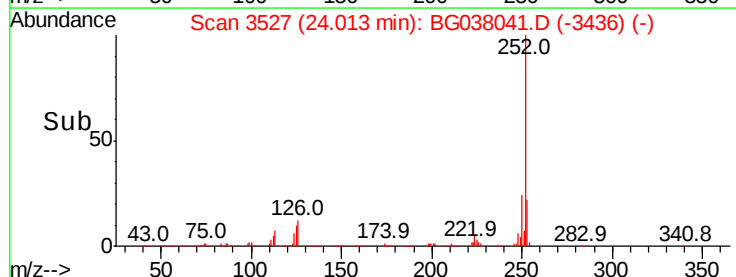
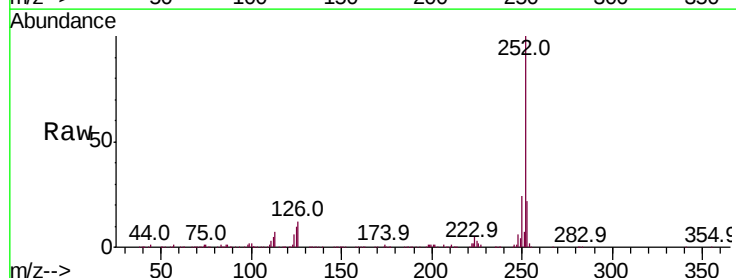
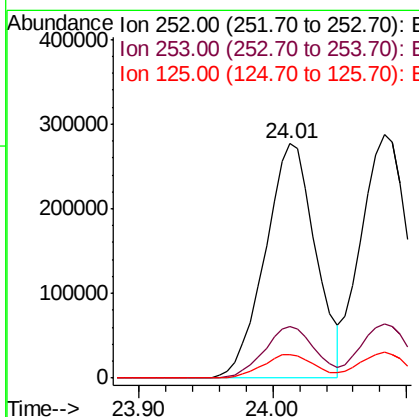
RT: 24.01 min Scan# 3527

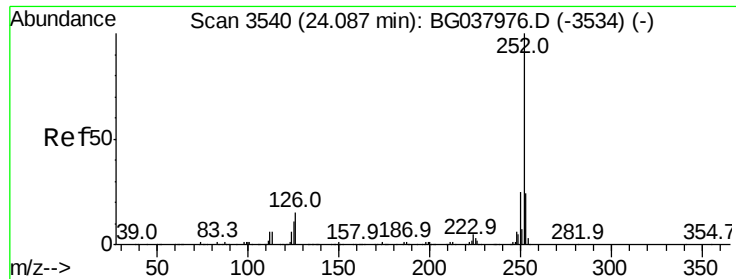
Delta R.T. 0.00 min

Lab File: BG038041.D

Acq: 16 Nov 2018 19:57

Tgt Ion:	252	Resp:	726103
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.2
125	10.1	7.8	11.6





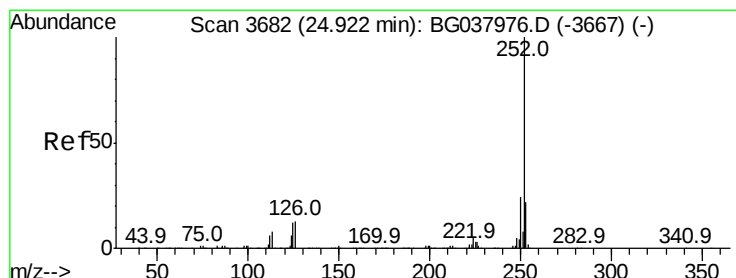
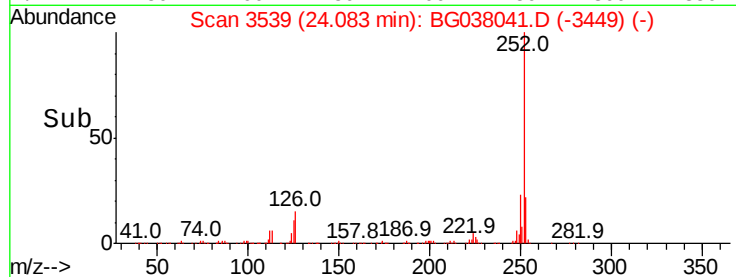
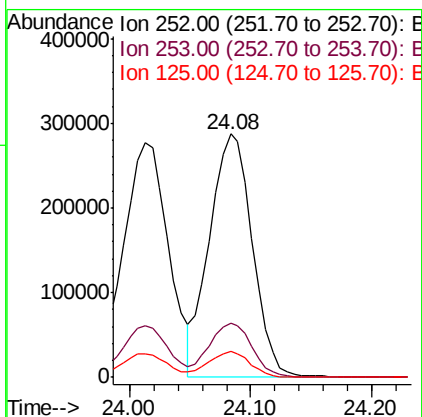
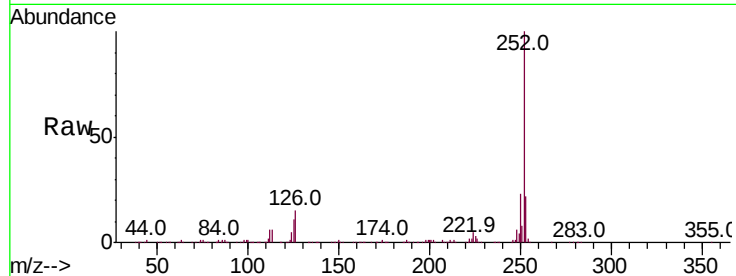
#89
Benzo(k)fluoranthene
Concen: 53.088 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.7	7.4	11.0

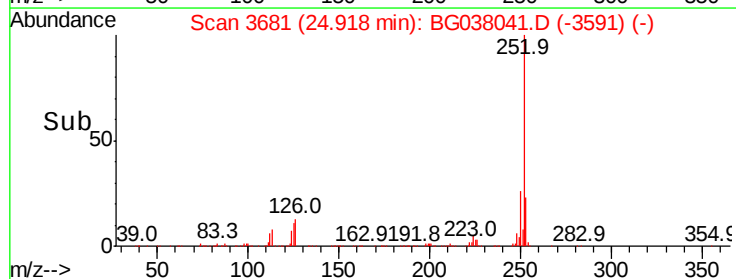
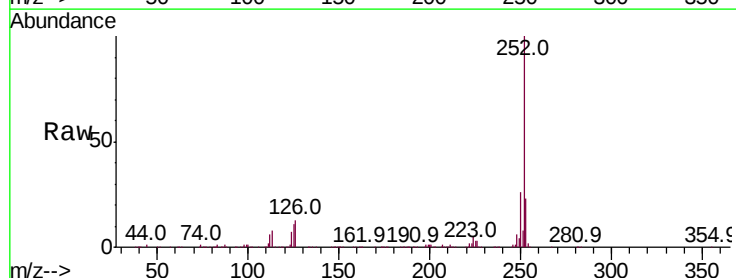
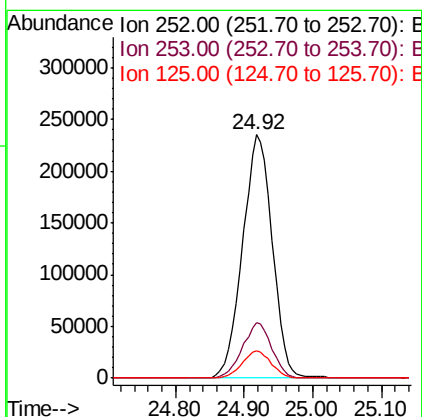
Manual Integrations
APPROVED

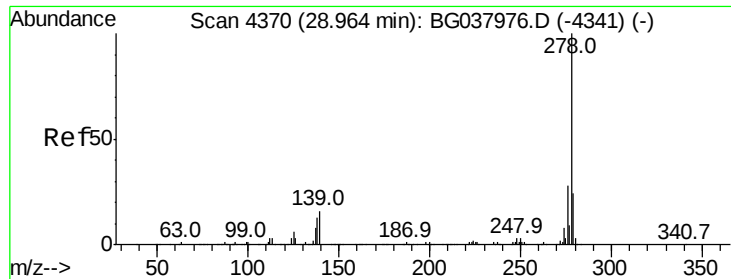
Sohil
11/19/2018 2:13:30 PM



#90
Benzo(a)pyrene
Concen: 55.257 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	11.1	9.0	13.6





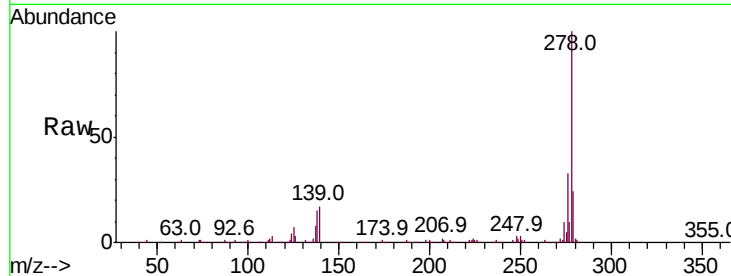
#91
Dibenzo(a,h)anthracene
Concen: 54.762 ng
RT: 28.96 min Scan# 4369
Delta R.T. -0.00 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
PB114874BS

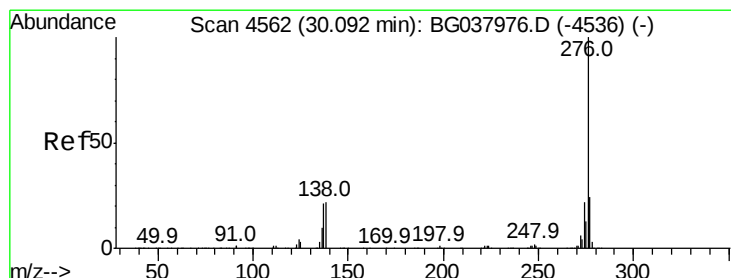
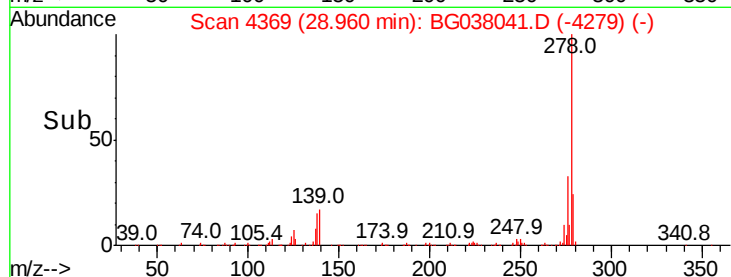
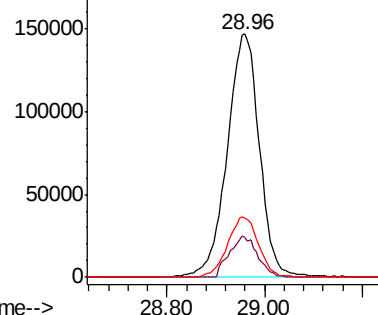
Tot Ion:278	Resp:	675557
Ion Ratio	Lower	Upper
278 100		
139 16.7	11.5	17.3
279 24.5	18.6	27.8

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:30 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 55.647 ng
RT: 30.10 min Scan# 4563
Delta R.T. 0.01 min
Lab File: BG038041.D
Acq: 16 Nov 2018 19:57

Tgt Ion:276	Resp:	682569
Ion Ratio	Lower	Upper
276 100		
277 24.0	18.9	28.3
138 20.8	17.2	25.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

