

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038921.D
 Acq On : 4 Jan 2019 2:33
 Operator : JU/SJ
 Sample : PB116135BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

Manual Integrations
 APPROVED

Sohil
 1/4/2019 11:21:16 AM

Quant Time: Jan 04 05:36:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	21456	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	87898	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	64200	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	175781	20.00	ng	-0.01
76) Chrysene-d12	21.72	240	183638	20.00	ng	-0.01
87) Perylene-d12	25.01	264	197198	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	134169	110.91	ng	0.00
7) Phenol-d6	7.21	99	188670	113.61	ng	0.00
23) Nitrobenzene-d5	9.22	82	106176	61.71	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	108142	122.22	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	314173	67.13	ng	-0.02
79) Terphenyl-d14	20.04	244	646669	76.64	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	12801	22.737	ng	# 88
3) Pyridine	3.88	79	35915	23.169	ng	99
4) n-Nitrosodimethylamine	3.81	42	22440	29.545	ng	94
6) Aniline	7.37	93	23256	10.970	ng	98
8) 2-Chlorophenol	7.61	128	48650	34.752	ng	93
9) Benzaldehyde	7.19	77	18868	17.514	ng	92
10) Phenol	7.23	94	60856	34.493	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	39975	28.458	ng	93
12) 1,3-Dichlorobenzene	7.93	146	50090	30.262	ng	94
13) 1,4-Dichlorobenzene	8.08	146	51297	30.260	ng	93
14) 1,2-Dichlorobenzene	8.40	146	47734	29.868	ng	99
15) Benzyl Alcohol	8.29	79	43307	33.410	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	78920	24.526	ng	96
17) 2-Methylphenol	8.49	107	41258	34.903	ng	94
18) Hexachloroethane	9.12	117	18253	29.466	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	33329	28.575	ng	97
20) 3+4-Methylphenols	8.82	107	58484	35.825	ng	96
22) Acetophenone	8.88	105	67306	30.656	ng	# 96
24) Nitrobenzene	9.27	77	53006	30.453	ng	99
25) Isophorone	9.78	82	96612	31.253	ng	97
26) 2-Nitrophenol	9.98	139	28555	32.054	ng	90
27) 2,4-Dimethylphenol	10.02	122	50329	39.420	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	56016	32.109	ng	99
29) 2,4-Dichlorophenol	10.51	162	57545	40.515	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	55889	32.576	ng	97
31) Naphthalene	10.92	128	150330	34.712	ng	98
33) 4-Chloroaniline	11.03	127	22104	11.756	ng	98
34) Hexachlorobutadiene	11.17	225	37499	32.302	ng	97
35) Caprolactam	11.81	113	19590	33.327	ng	# 91
36) 4-Chloro-3-methylphenol	12.14	107	59381	36.636	ng	92
37) 2-Methylnaphthalene	12.51	142	114605	37.093	ng	99
38) 1-Methylnaphthalene	12.73	142	112982	37.684	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	73872	30.783	ng	98
41) Hexachlorocyclopentadiene	12.84	237	80489	61.049	ng	93

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038921.D
 Acq On : 4 Jan 2019 2:33
 Operator : JU/SJ
 Sample : PB116135BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

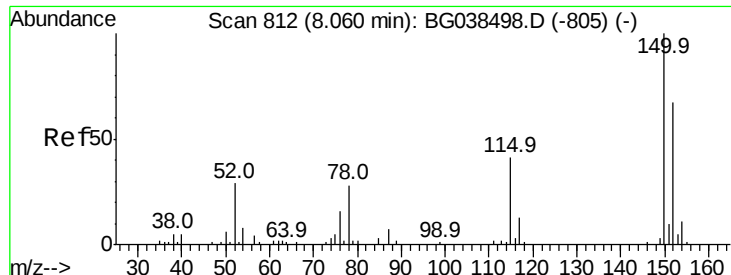
Manual Integrations
 APPROVED

Sohil
 1/4/2019 11:21:16 AM

Quant Time: Jan 04 05:36:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.12	196	53287	36.114	nq	95
44) 2,4,5-Trichlorophenol	13.20	196	57875	37.046	nq	95
46) 1,1'-Biphenyl	13.52	154	159987	29.726	nq	99
47) 2-Chloronaphthalene	13.57	162	127956	30.778	nq	99
48) 2-Nitroaniline	13.78	65	42004	31.720	nq	88
49) Acenaphthylene	14.41	152	216990	34.914	nq	99
50) Dimethylphthalate	14.14	163	180865	34.498	nq	98
51) 2,6-Dinitrotoluene	14.27	165	40911	34.434	nq	89
52) Acenaphthene	14.75	154	122216	32.886	nq	97
53) 3-Nitroaniline	14.60	138	21856	18.046	nq	93
54) 2,4-Dinitrophenol	14.83	184	350	5.644	nq	# 54
55) Dibenzofuran	15.08	168	215611	33.845	nq	96
56) 4-Nitrophenol	14.91	139	42627	46.394	nq	97
57) 2,4-Dinitrotoluene	15.05	165	58596	35.016	nq	95
58) Fluorene	15.73	166	175840	37.256	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	46213m	32.879	nq	
60) Diethylphthalate	15.49	149	187764	32.624	nq	97
61) 4-Chlorophenyl-phenylether	15.72	204	101547	34.483	nq	95
62) 4-Nitroaniline	15.77	138	42478	34.068	nq	96
63) Azobenzene	16.01	77	149248	31.041	nq	94
65) 4,6-Dinitro-2-methylphenol	15.82	198	3760	2.999	nq	86
66) n-Nitrosodiphenylamine	15.93	169	167870	32.503	nq	96
67) 4-Bromophenyl-phenylether	16.62	248	69435	32.344	nq	95
68) Hexachlorobenzene	16.73	284	73799	33.162	nq	95
69) Atrazine	16.88	200	70554	36.810	nq	98
70) Pentachlorophenol	17.08	266	16558	12.579	nq	# 78
71) Phenanthrene	17.47	178	321497	35.270	nq	99
72) Anthracene	17.57	178	326707	36.306	nq	99
73) Carbazole	17.84	167	286623	32.206	nq	99
74) Di-n-butylphthalate	18.37	149	336649	32.966	nq	99
75) Fluoranthene	19.48	202	404390	35.856	nq	97
77) Benzidine	19.67	184	97077	17.875	nq	99
78) Pyrene	19.85	202	407007	33.549	nq	99
80) Butylbenzylphthalate	20.72	149	149330	31.506	nq	93
81) Benzo(a)anthracene	21.69	228	387674	34.645	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	67279	15.160	nq	98
83) Chrysene	21.76	228	357324	33.153	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	211309	31.435	nq	97
85) Di-n-octyl phthalate	22.78	149	359977	31.975	nq	97
86) Indeno(1,2,3-cd)pyrene	28.78	276	442014	34.883	nq	# 94
88) Benzo(b)fluoranthene	23.95	252	386312	35.681	nq	99
89) Benzo(k)fluoranthene	24.02	252	379551	35.204	nq	96
90) Benzo(a)pyrene	24.85	252	379373	36.320	nq	99
91) Dibenzo(a,h)anthracene	28.83	278	367847	35.370	nq	99
92) Benzo(g,h,i)perylene	29.97	276	367776	35.883	nq	96

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



#1

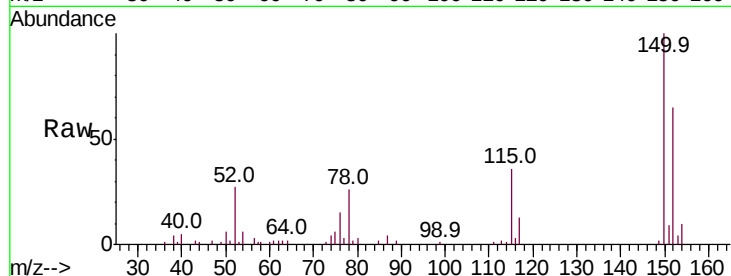
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	119.5	179.3
115	55.5	49.6	74.4

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM

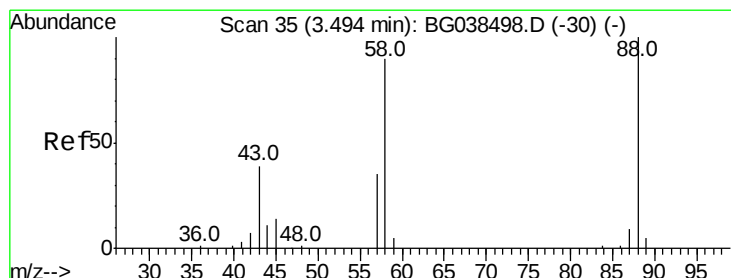
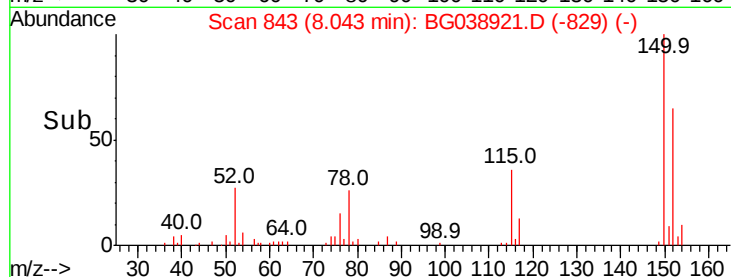
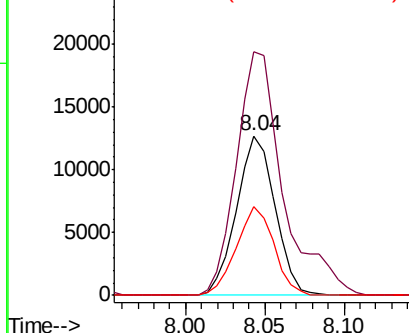


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

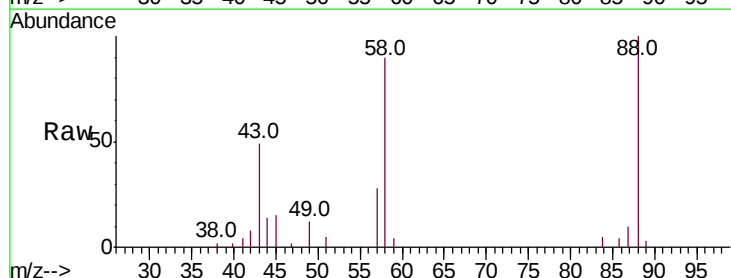
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.737 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.7	75.7	113.5
43	57.4	31.6	47.4

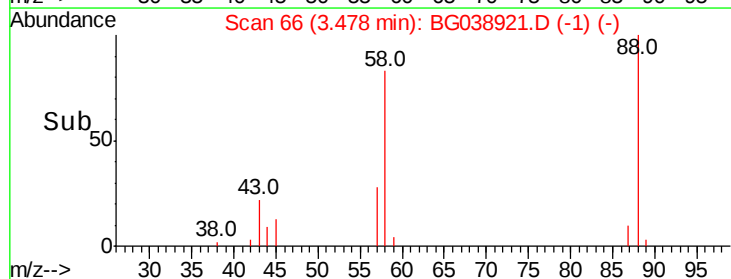
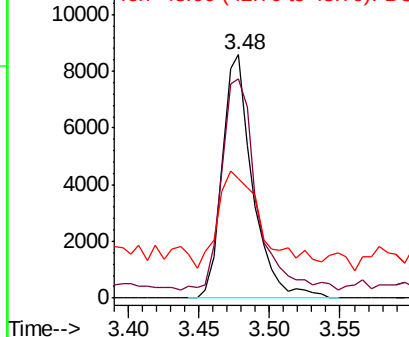


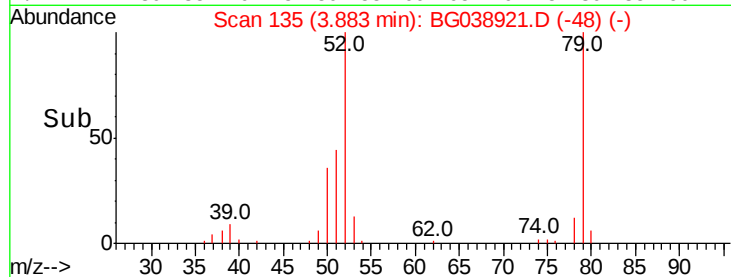
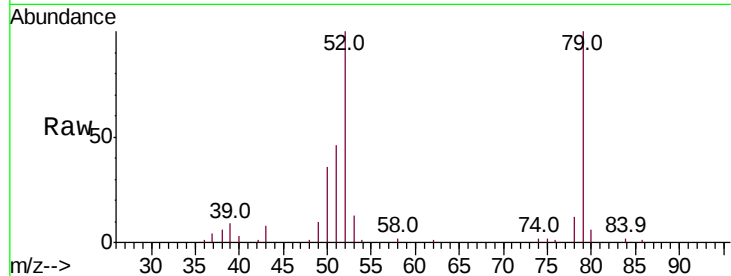
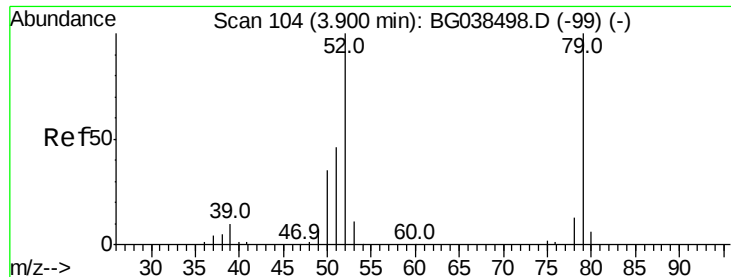
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





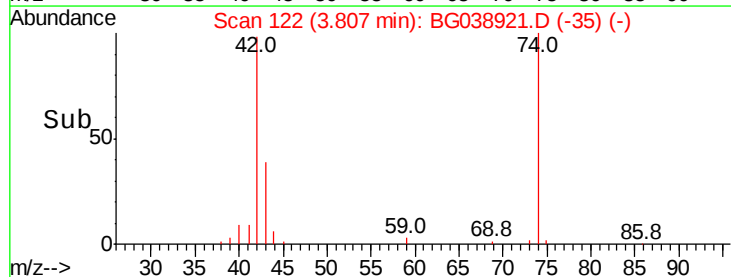
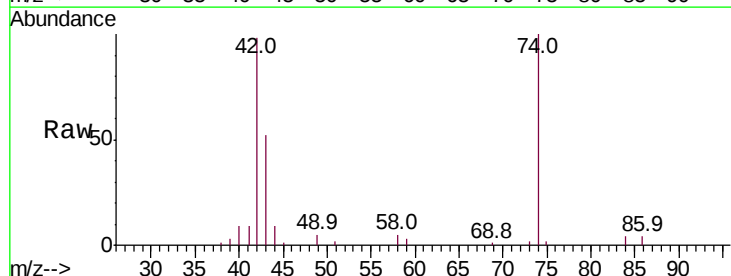
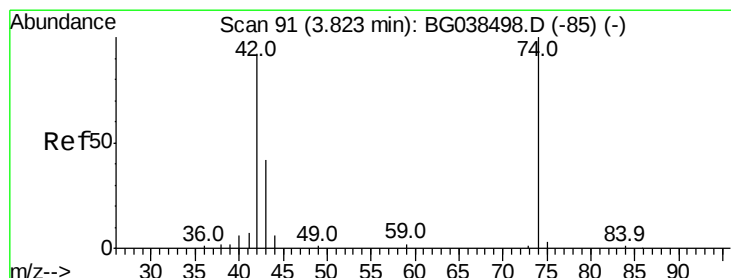
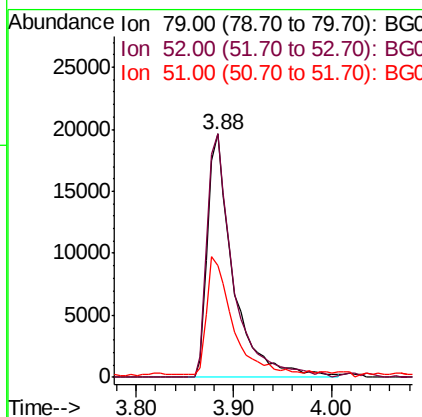
#3
Pvridine
Concen: 23.169 ng
RT: 3.88 min Scan# 135
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tot Ion	Ratio	Lower	Upper
79	100		
52	99.9	80.2	120.2
51	45.9	38.0	57.0

Instrument :
BNA_G
ClientSampleId :
PB116135BS

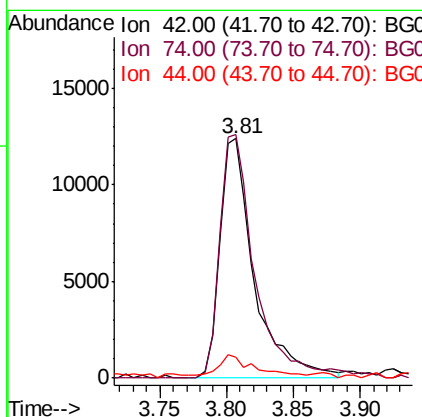
Manual Integrations
APPROVED

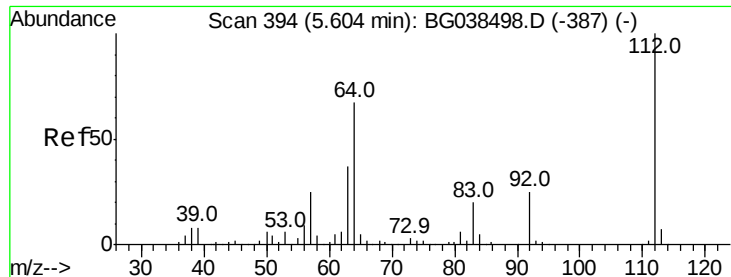
Sohil
1/4/2019 11:21:16 AM



#4
n-Nitrosodimethylamine
Concen: 29.545 ng
RT: 3.81 min Scan# 122
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	101.7	86.7	130.1
44	8.9	7.8	11.8





#5

2-Fluorophenol

Concen: 110.910 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

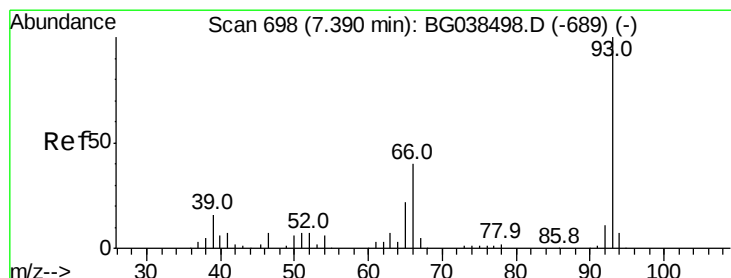
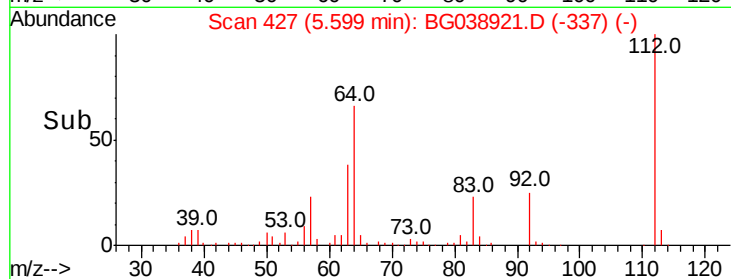
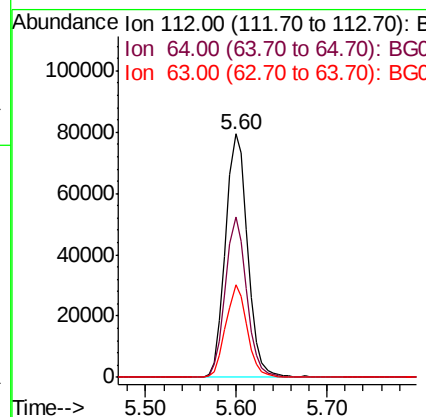
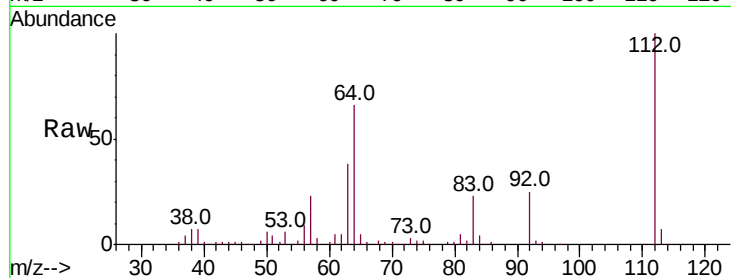
ClientSampleId :

PB116135BS

Tot Ion:	112	Resp:	134169
Ion Ratio	Lower	Upper	
112	100		
64	65.9	53.4	80.2
63	37.8	29.3	43.9

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM



#6

Aniline

Concen: 10.970 ng

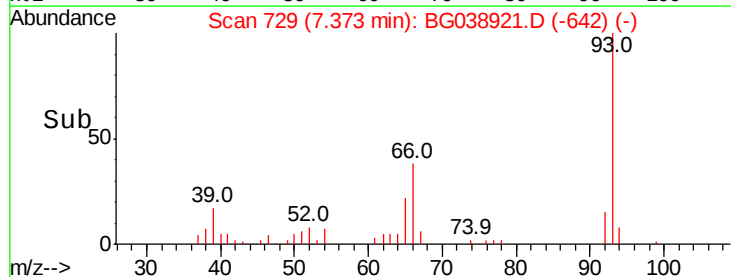
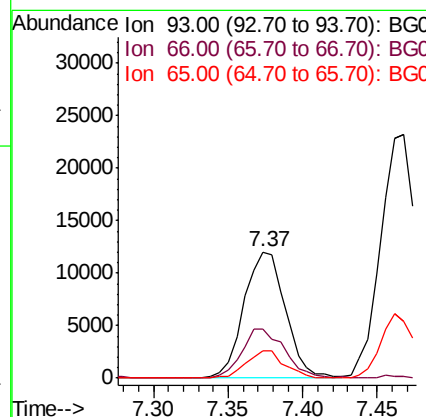
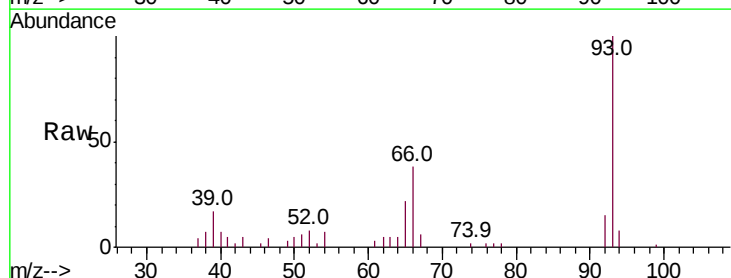
RT: 7.37 min Scan# 729

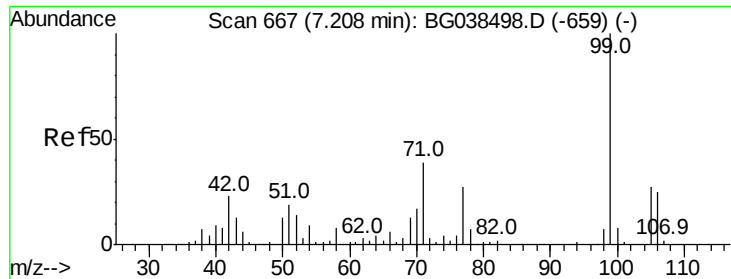
Delta R.T. -0.02 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Tgt Ion:	93	Resp:	23256
Ion Ratio	Lower	Upper	
93	100		
66	38.4	31.7	47.5
65	21.7	17.8	26.6





#7

Phenol-d6

Concen: 113.609 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

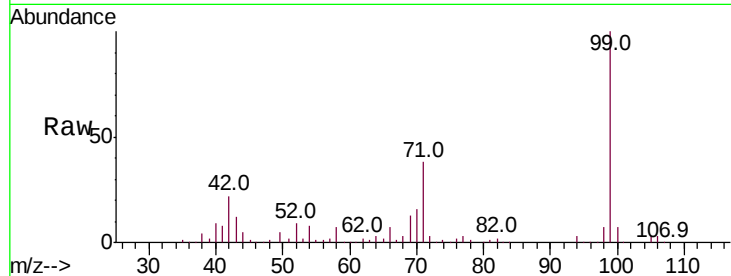
ClientSampled :

PB116135BS

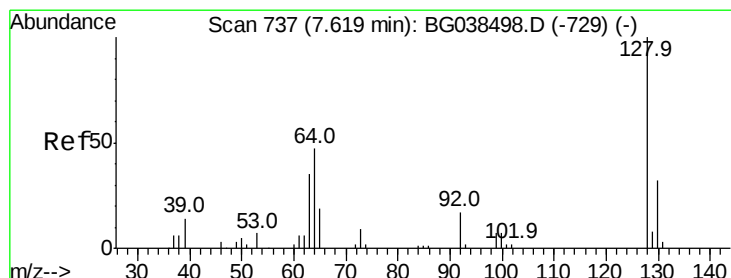
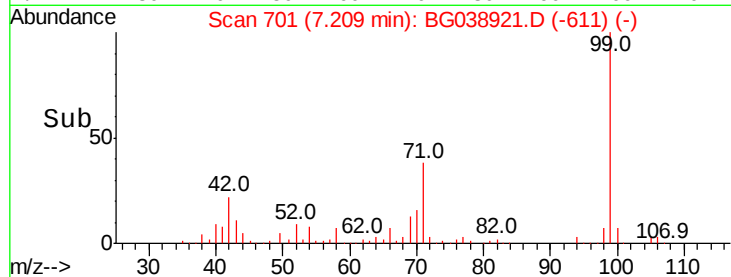
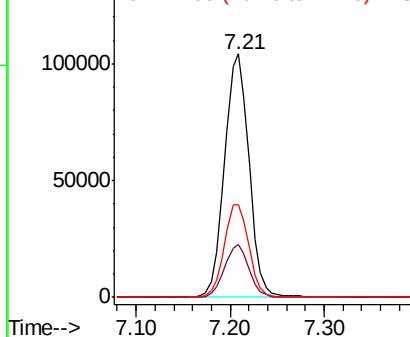
Tot Ion:	99	Resp:	188670
Ion Ratio	Lower	Upper	
99	100		
42	21.8	18.5	27.7
71	38.1	31.1	46.7

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM



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: 34.752 ng

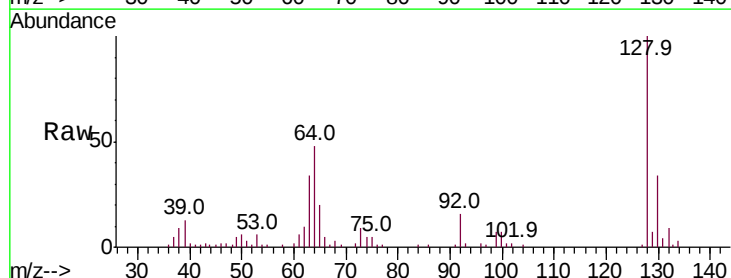
RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

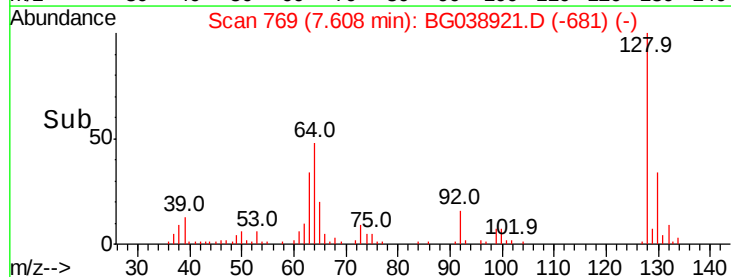
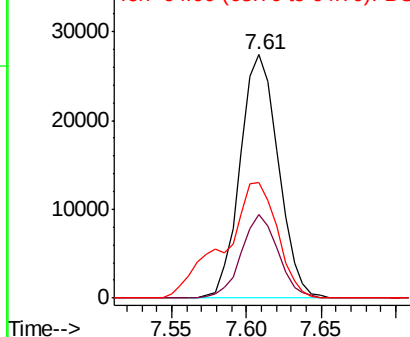
Lab File: BG038921.D

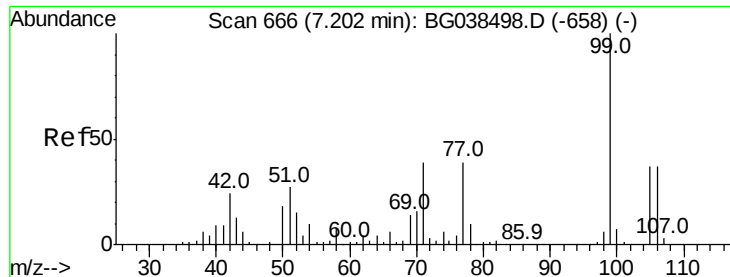
Acq: 4 Jan 2019 2:33

Tgt Ion:	128	Resp:	48650
Ion Ratio	Lower	Upper	
128	100		
130	34.2	11.8	51.8
64	47.6	33.2	73.2



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





#9

Benzaldehyde

Concen: 17.514 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

ClientSampleID :

PB116135BS

Tot Ion: 77 Resp: 18868

Ion Ratio Lower Upper

77 100

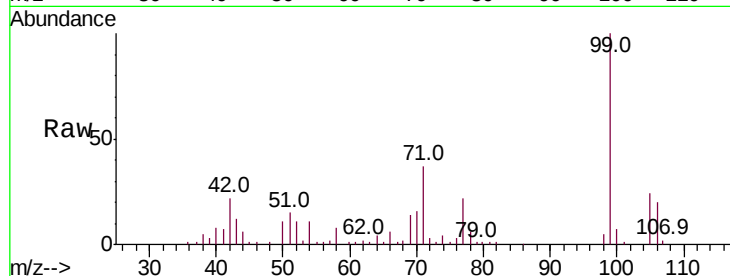
105 107.9 74.0 114.0

106 91.6 73.9 113.9

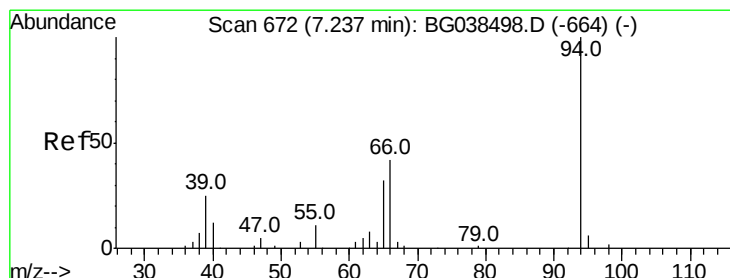
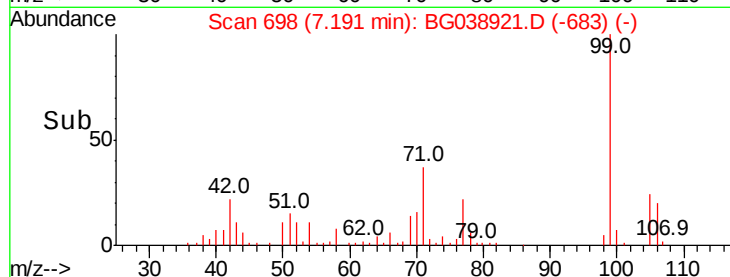
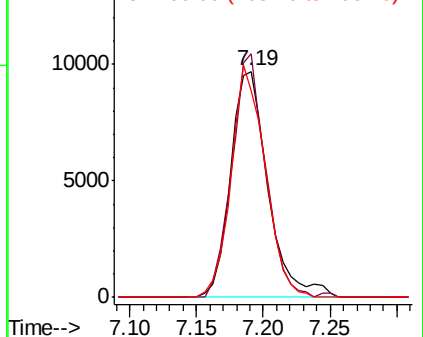
Manual Integrations
APPROVED

Sohil

1/4/2019 11:21:16 AM



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: 34.493 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

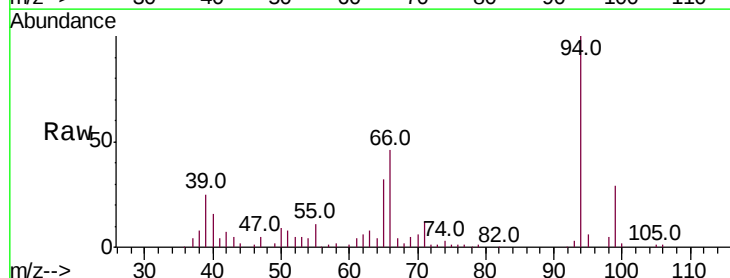
Tgt Ion: 94 Resp: 60856

Ion Ratio Lower Upper

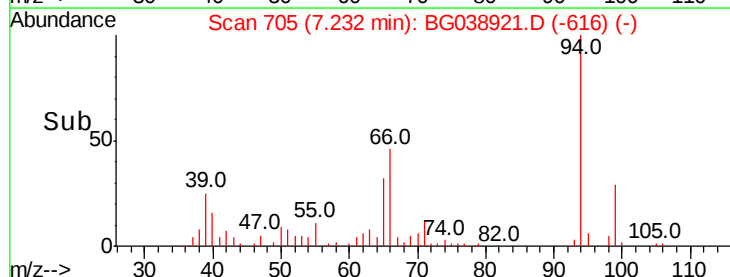
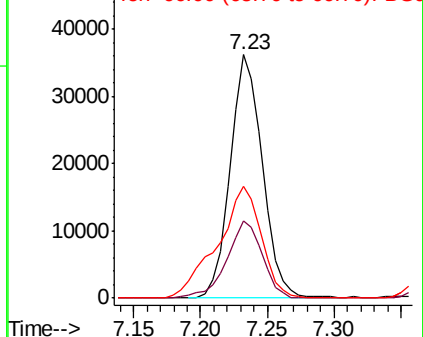
94 100

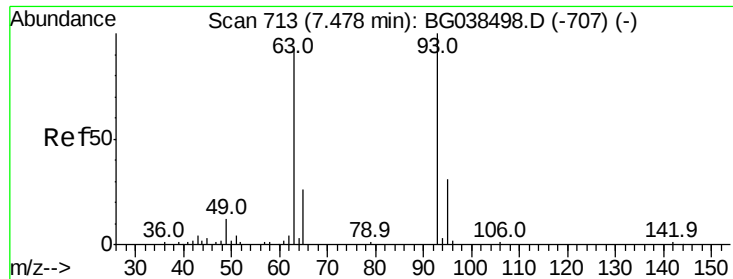
65 31.5 12.6 52.6

66 45.7 24.1 64.1



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





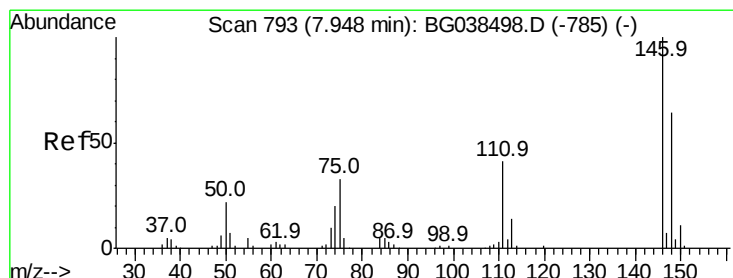
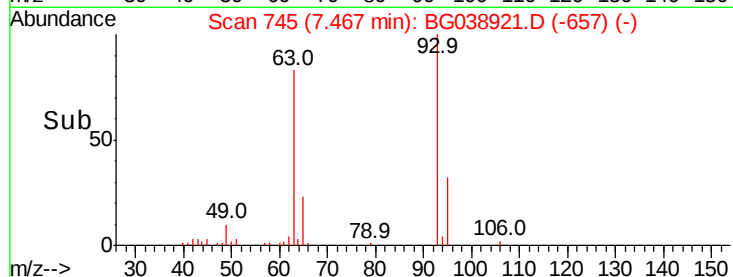
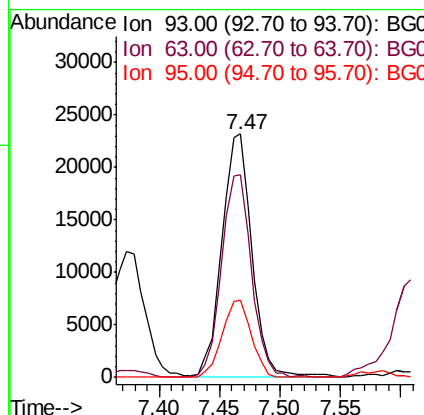
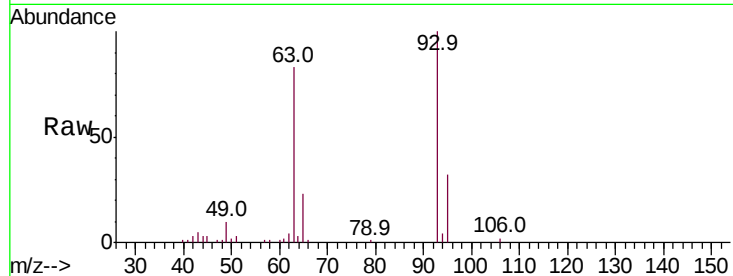
#11
bis(2-Chloroethyl)ether
Concen: 28.458 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleID :
PB116135BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.0	72.2	112.2
95	31.5	11.2	51.2

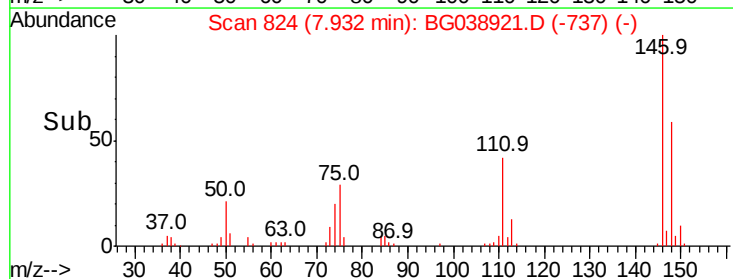
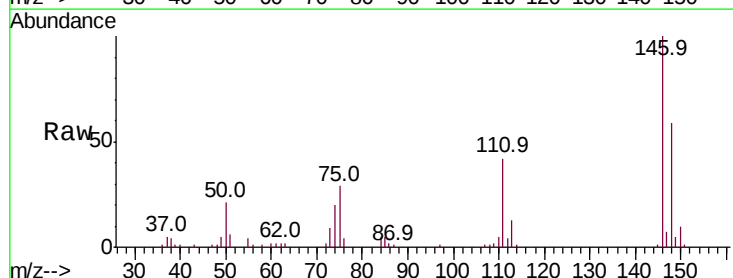
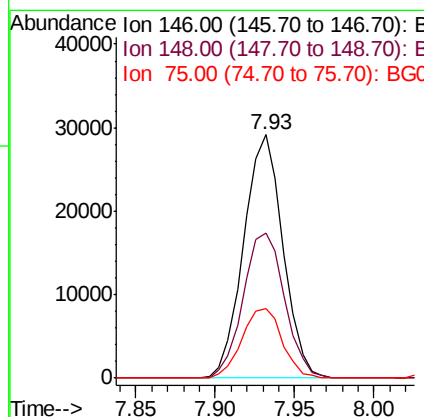
Manual Integrations
APPROVED

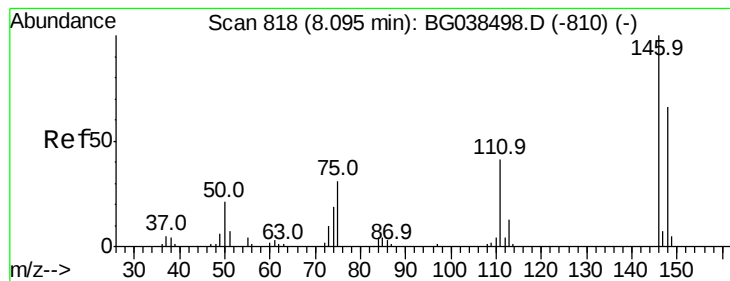
Sohil
1/4/2019 11:21:16 AM



#12
1,3-Dichlorobenzene
Concen: 30.262 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.5	51.4	77.0
75	28.7	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 30.260 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

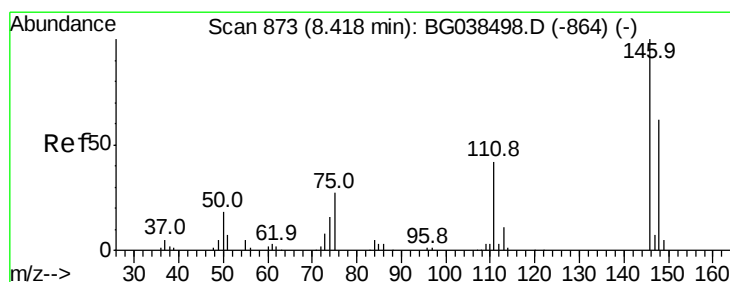
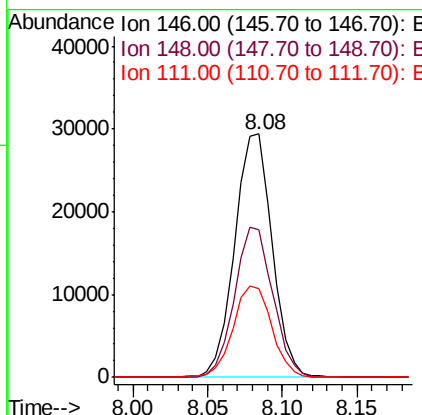
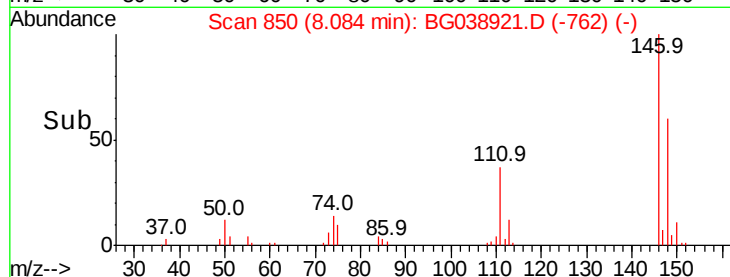
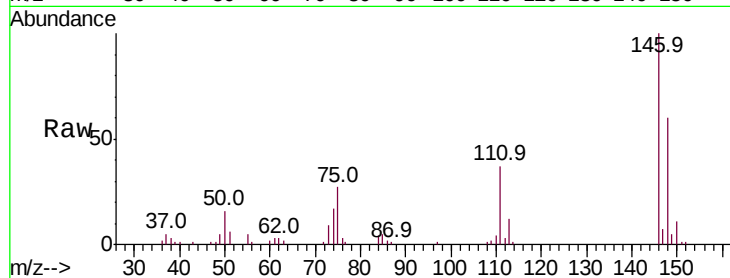
ClientSampleId :

PB116135BS

Tot Ion:	146	Resp:	51297
Ion Ratio	Lower	Upper	
146	100		
148	60.4	52.4	78.6
111	36.6	33.0	49.4

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM



#14

1,2-Dichlorobenzene

Concen: 29.868 ng

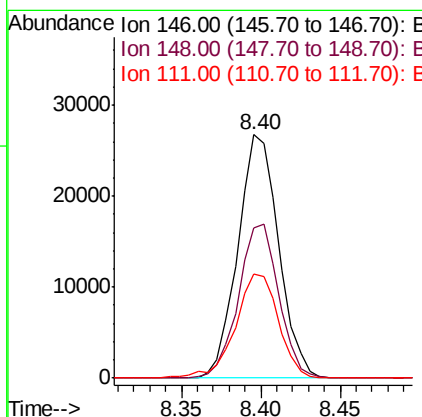
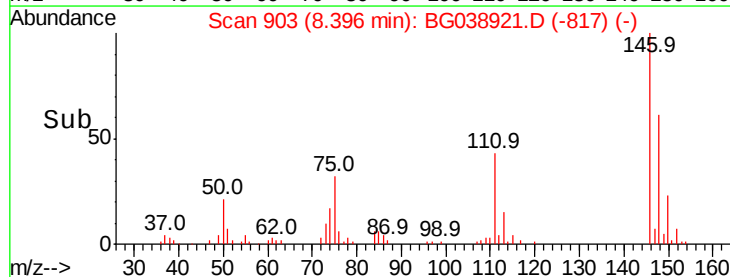
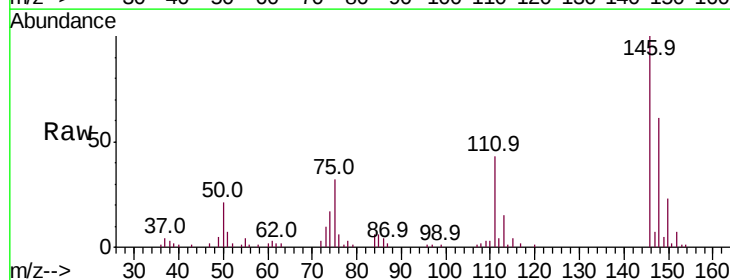
RT: 8.40 min Scan# 903

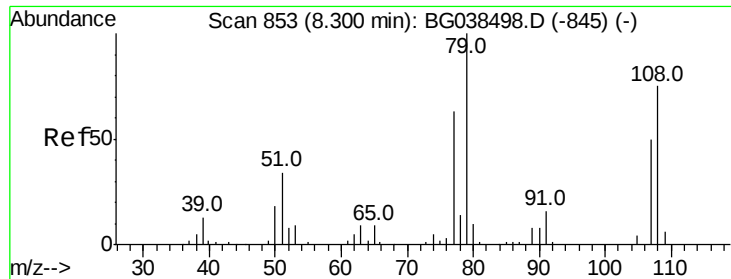
Delta R.T. -0.02 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Tgt Ion:	146	Resp:	47734
Ion Ratio	Lower	Upper	
146	100		
148	61.4	49.4	74.0
111	42.8	33.8	50.6





#15

Benzyl Alcohol

Concen: 33.410 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

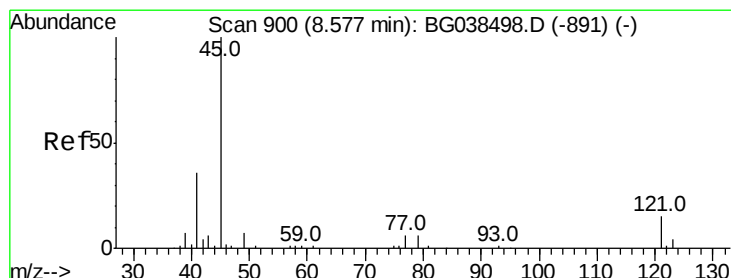
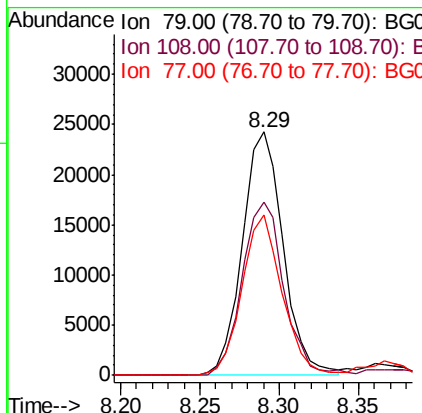
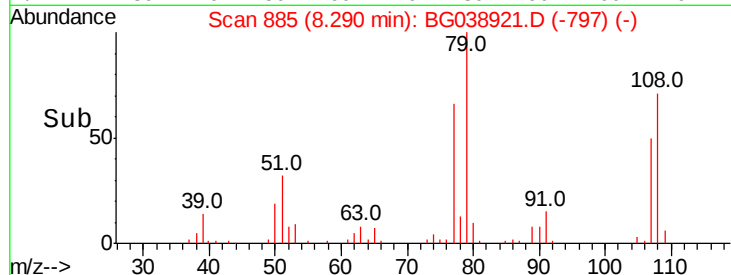
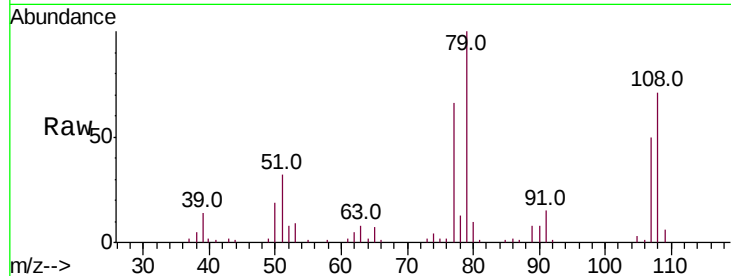
ClientSampleId :

PB116135BS

Tot Ion:	79	Resp:	43307
Ion Ratio	Lower	Upper	
79	100		
108	71.3	60.2	90.4
77	65.7	50.7	76.1

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 24.526 ng

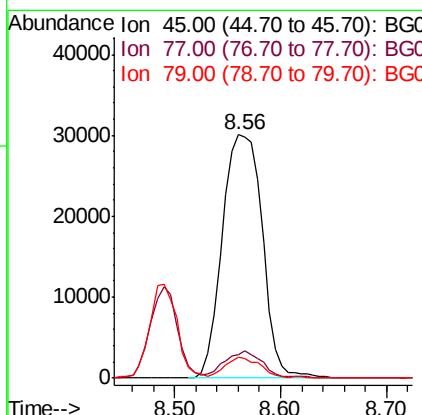
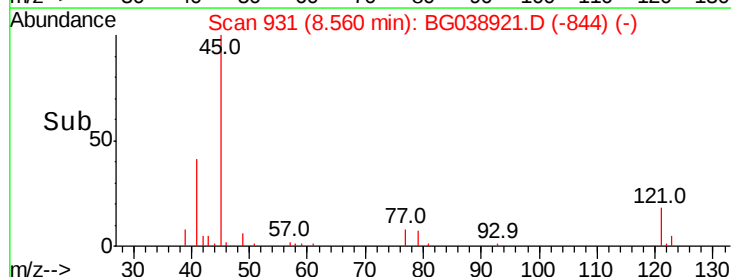
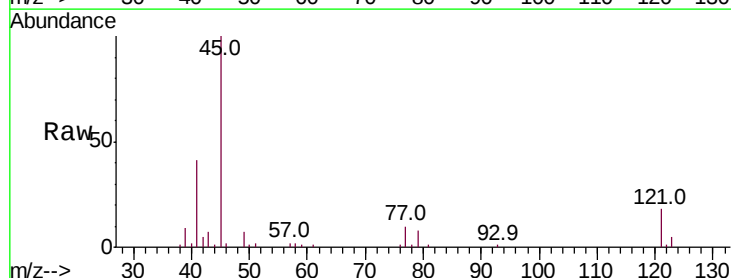
RT: 8.56 min Scan# 931

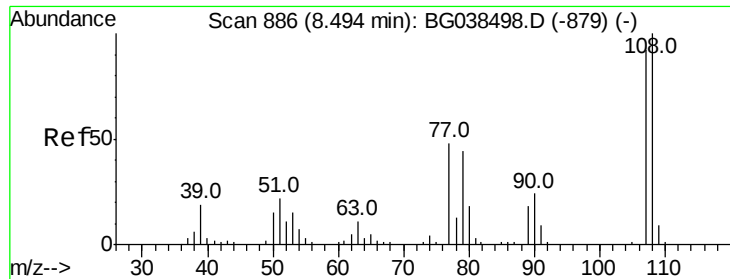
Delta R.T. -0.02 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Tgt Ion:	45	Resp:	78920
Ion Ratio	Lower	Upper	
45	100		
77	9.7	0.0	28.2
79	8.4	0.0	27.2





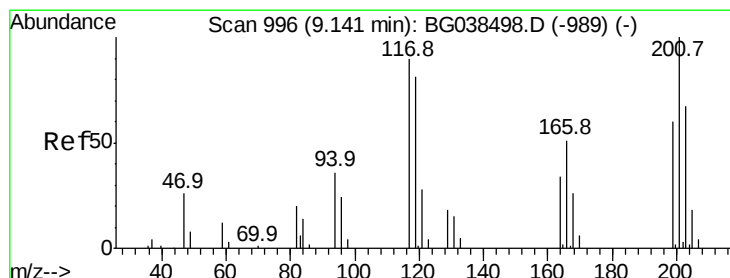
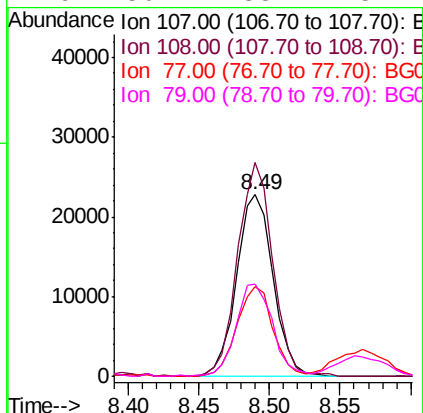
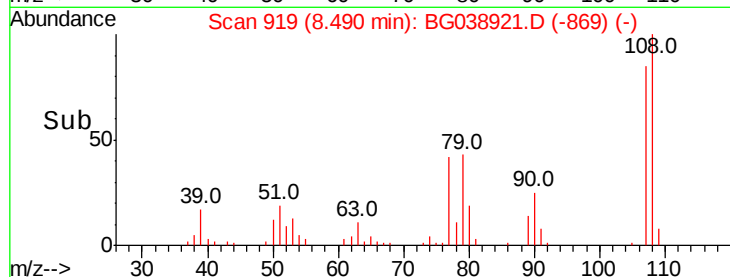
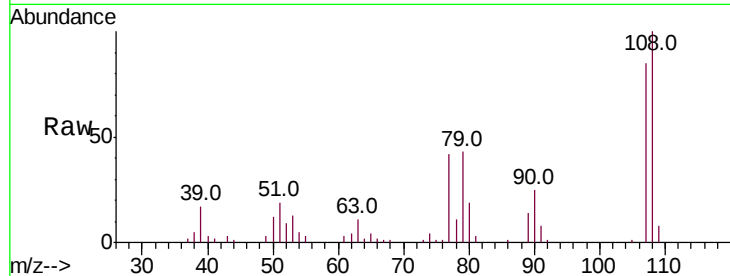
#17
2-Methylphenol
Concen: 34.903 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion:	107	Resp:	41258
Ion	Ratio	Lower	Upper
107	100		
108	117.6	87.1	130.7
77	49.6	42.0	63.0
79	50.7	38.2	57.2

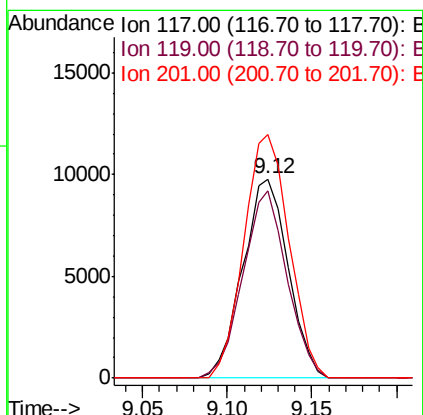
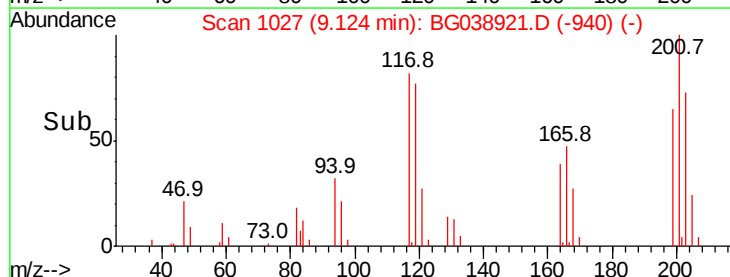
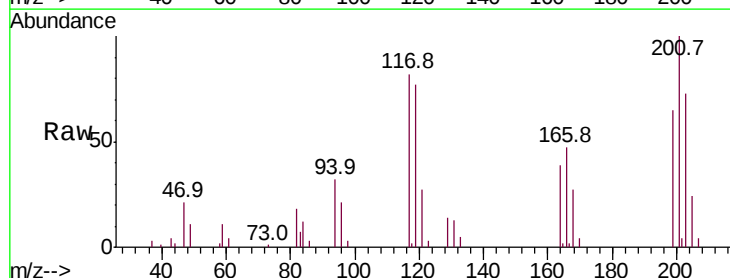
Manual Integrations
APPROVED

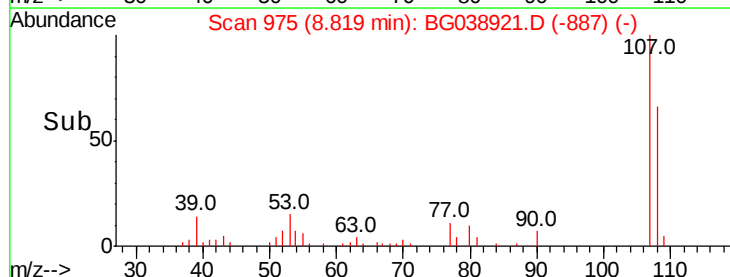
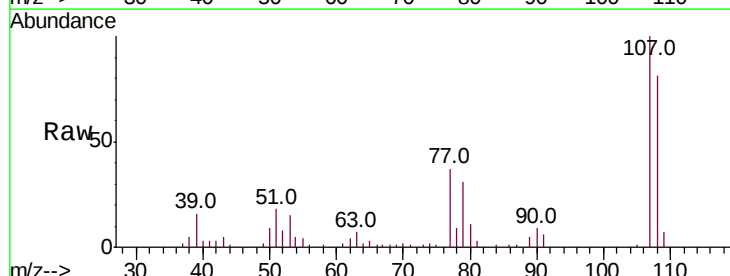
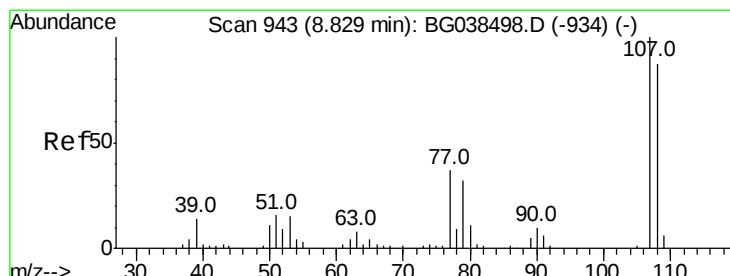
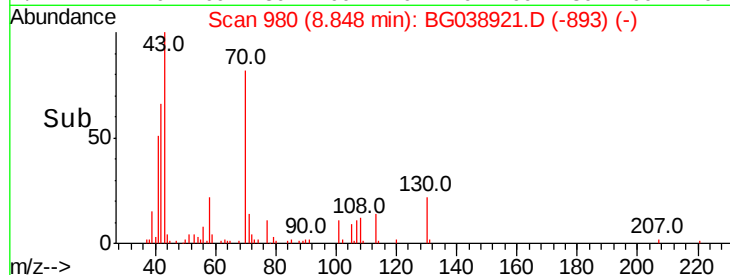
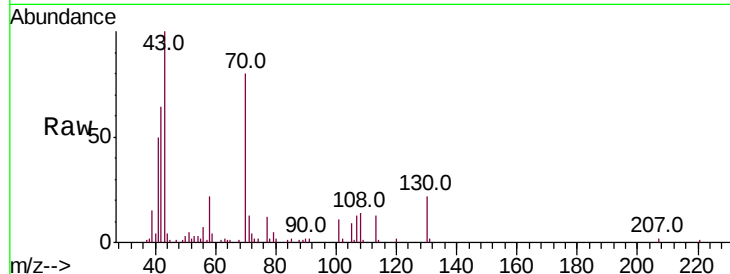
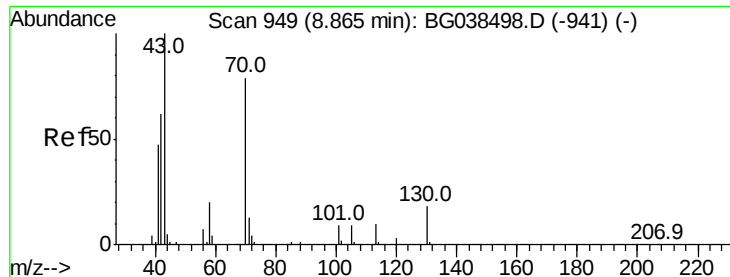
Sohil
1/4/2019 11:21:16 AM



#18
Hexachloroethane
Concen: 29.466 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion:	117	Resp:	18253
Ion	Ratio	Lower	Upper
117	100		
119	94.1	73.8	110.8
201	127.4	89.4	134.0





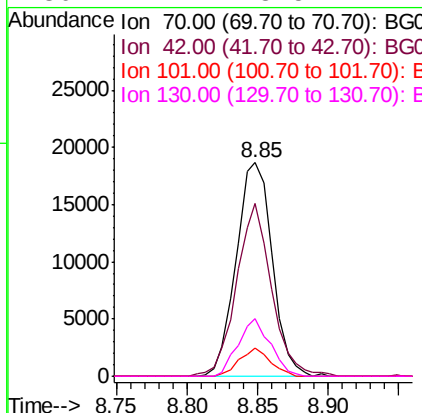
#19
n-Nitroso-di-n-propylamine
Concen: 28.575 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	80.8	63.6	95.4	
101	13.3	9.2	13.8	
130	27.2	18.5	27.7	

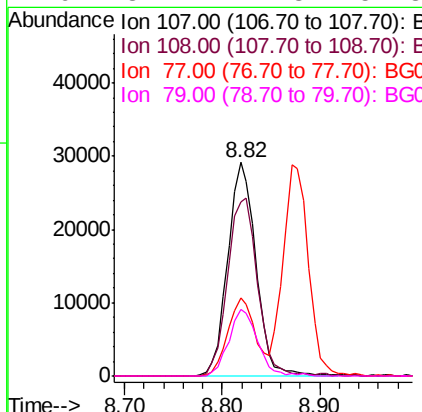
Manual Integrations
APPROVED

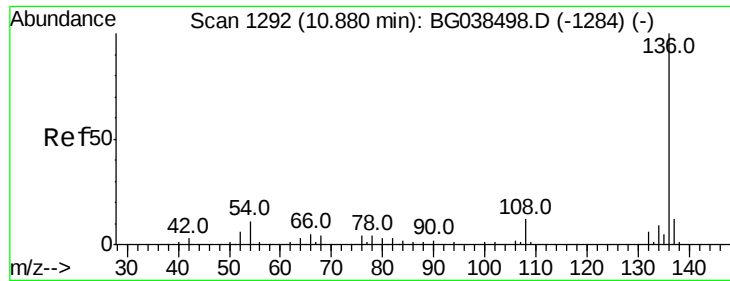
Sohil
1/4/2019 11:21:16 AM



#20
3+4-Methylphenols
Concen: 35.825 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	81.2	66.7	106.7	
77	36.6	17.3	57.3	
79	31.4	12.3	52.3	





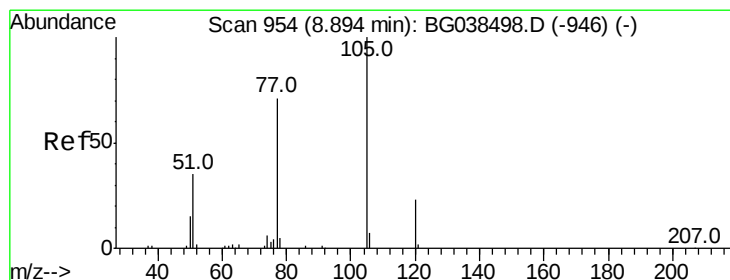
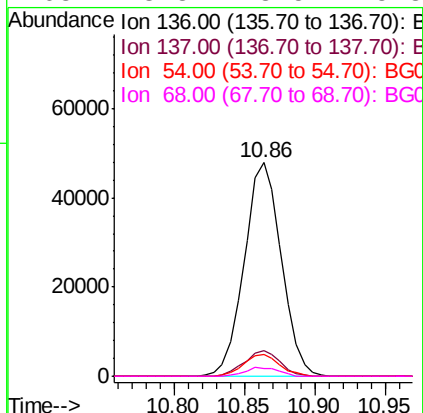
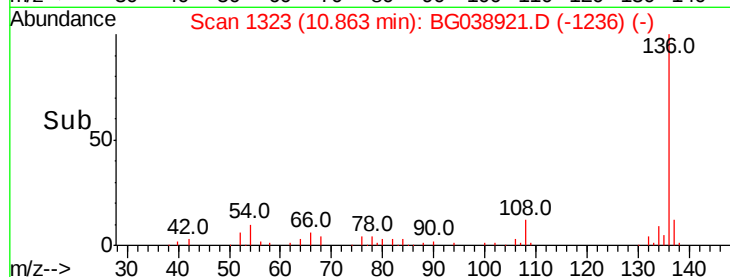
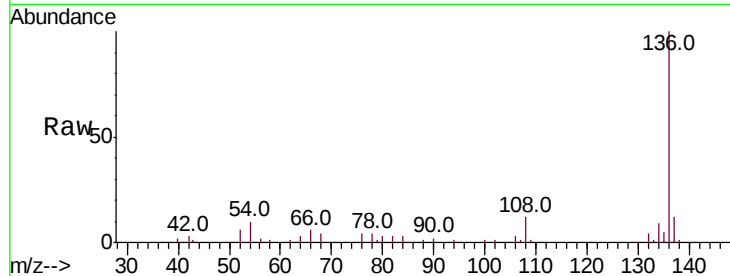
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.3	9.3	13.9	
54	10.3	8.5	12.7	
68	3.8	3.5	5.3	

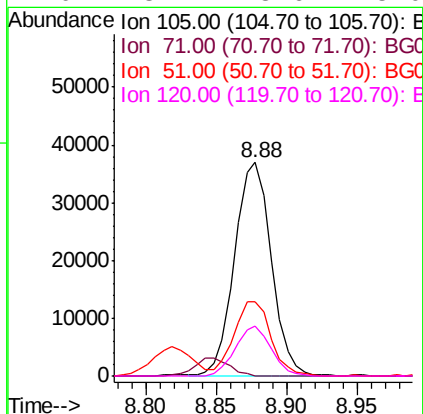
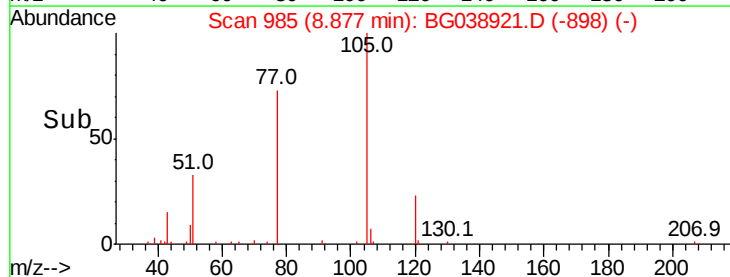
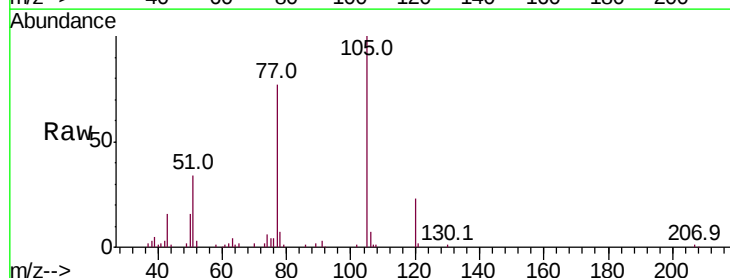
Manual Integrations
APPROVED

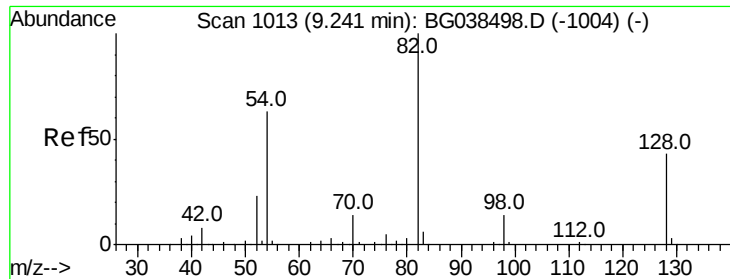
Sohil
1/4/2019 11:21:16 AM



#22
Acetophenone
Concen: 30.656 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	0.4	0.6#	
51	34.5	30.6	46.0	
120	23.1	18.6	28.0	





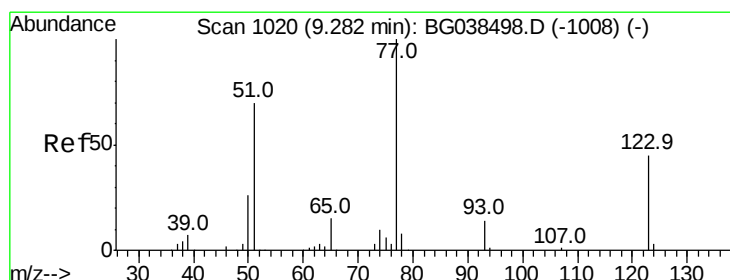
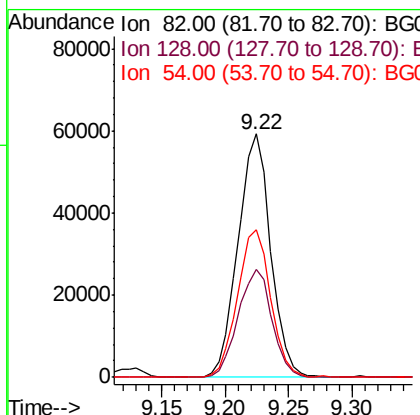
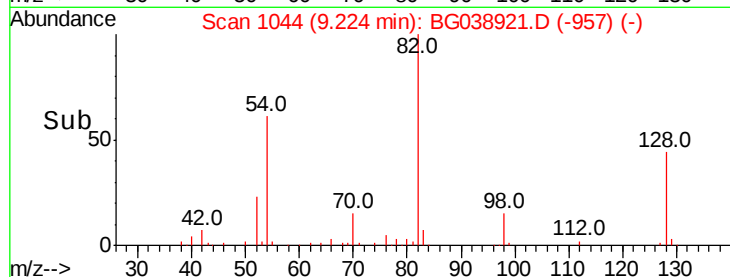
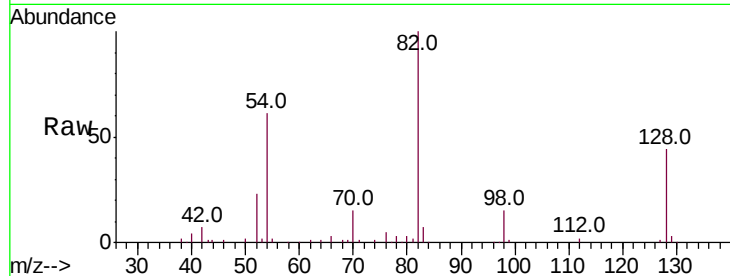
#23
 Nitrobenzene-d5
 Concen: 61.710 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	52.0
54	60.9	50.6	76.0

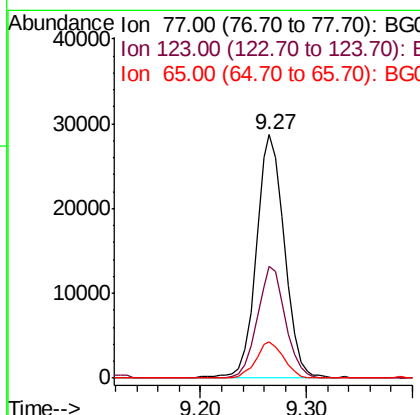
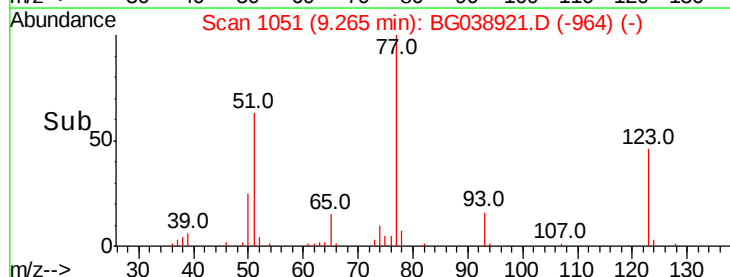
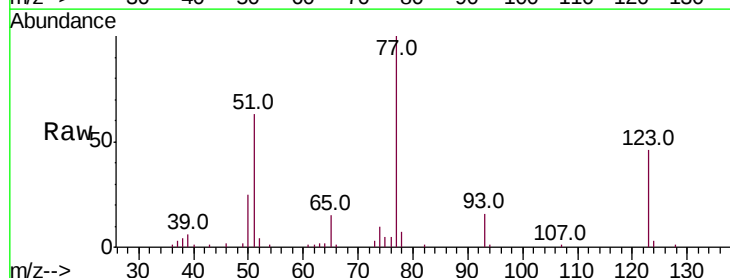
Manual Integrations
 APPROVED

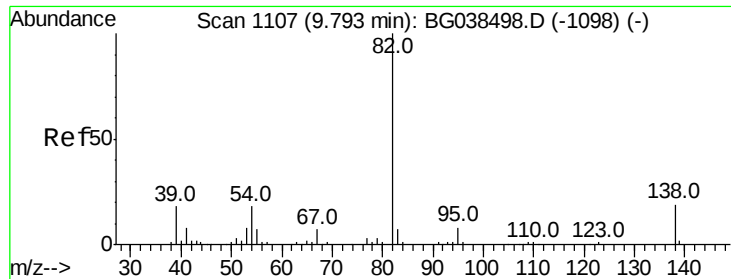
Sohil
 1/4/2019 11:21:16 AM



#24
 Nitrobenzene
 Concen: 30.453 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	35.9	53.9
65	14.6	12.0	18.0





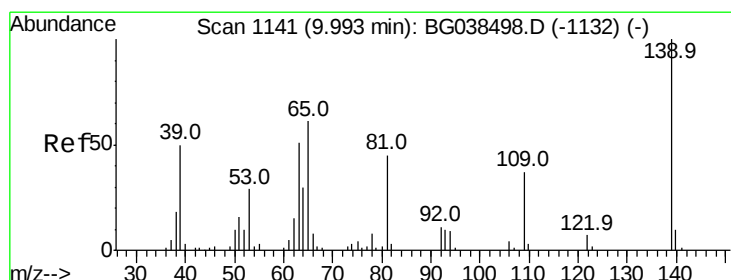
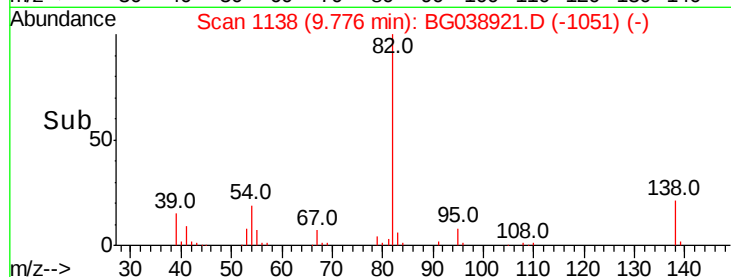
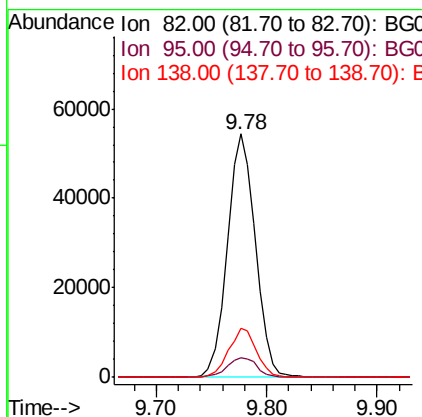
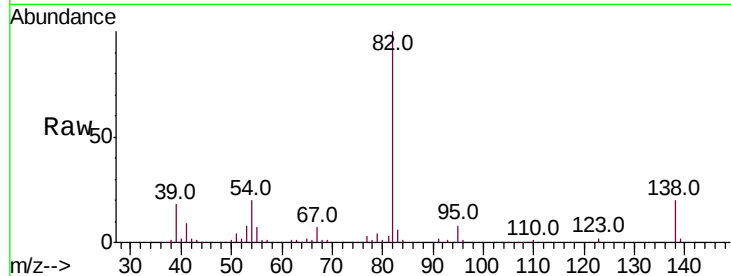
#25
Isophorone
Concen: 31.253 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.8	6.1	9.1	
138	20.4	14.9	22.3	

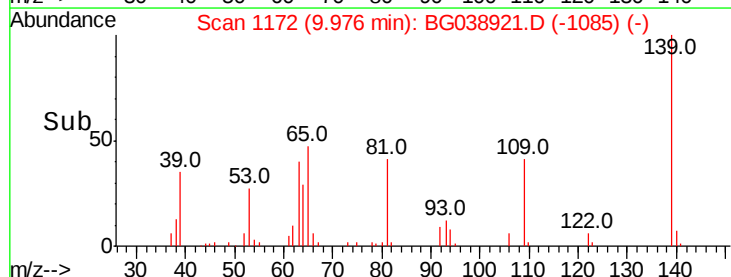
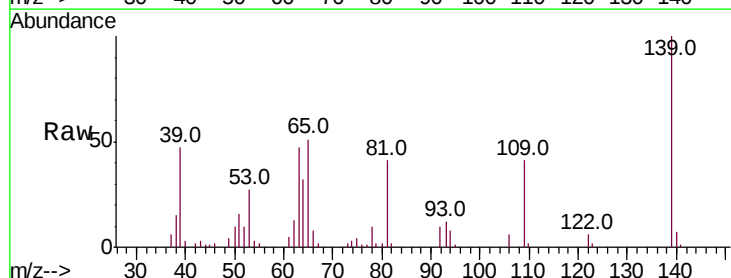
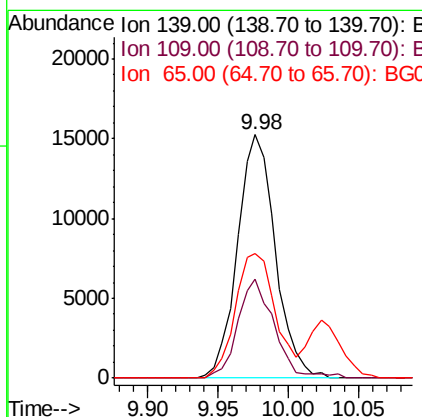
Manual Integrations
APPROVED

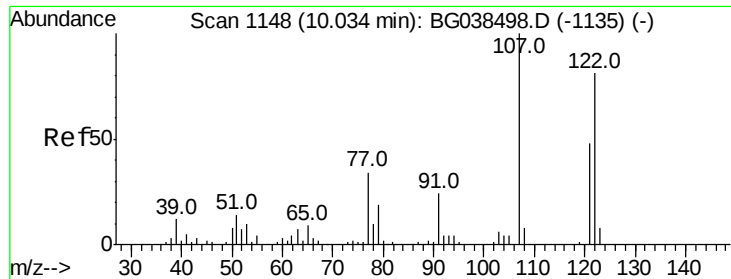
Sohil
1/4/2019 11:21:16 AM



#26
2-Nitrophenol
Concen: 32.054 ng
RT: 9.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	40.6	29.5	44.3	
65	51.3	48.5	72.7	





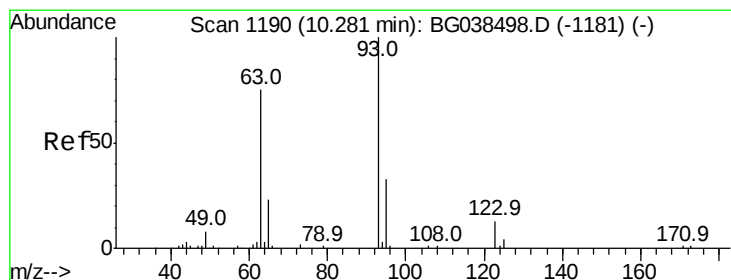
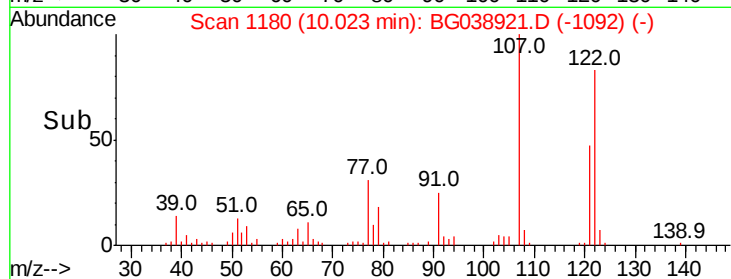
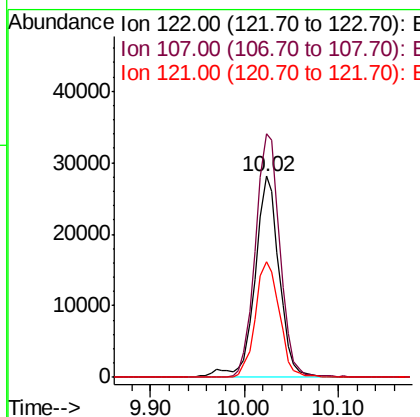
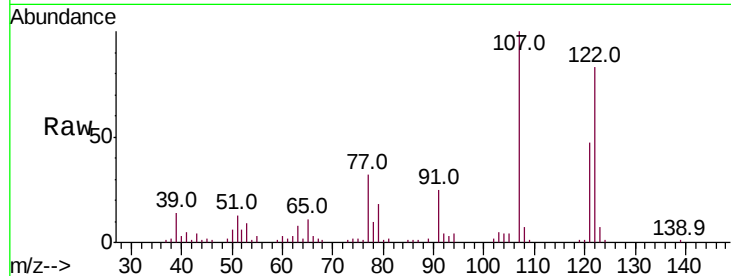
#27
2,4-Dimethylphenol
Concen: 39.420 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.0	98.4	147.6
121	57.2	47.2	70.8

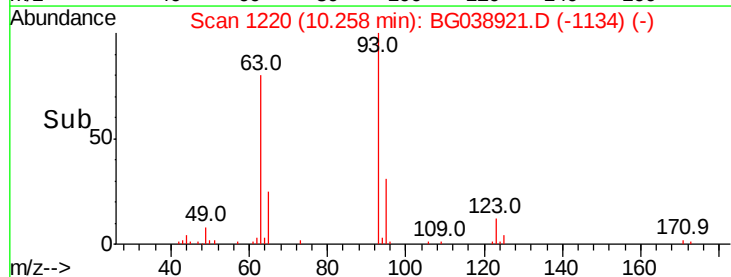
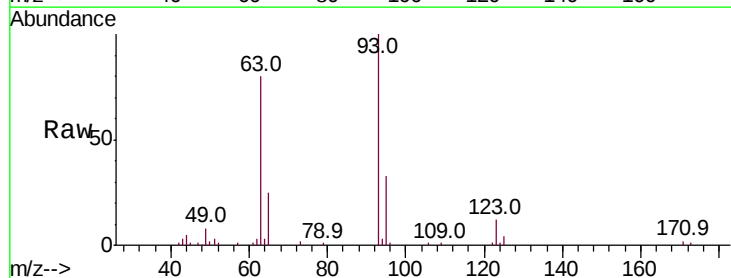
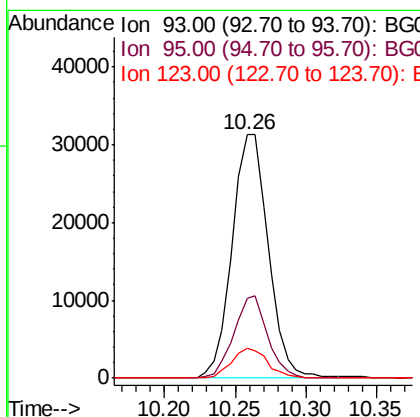
Manual Integrations
APPROVED

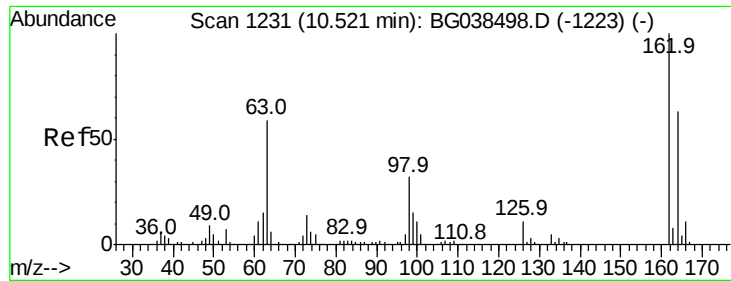
Sohil
1/4/2019 11:21:16 AM



#28
bis(2-Chloroethoxy)methane
Concen: 32.109 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	40.0
123	12.2	10.6	16.0





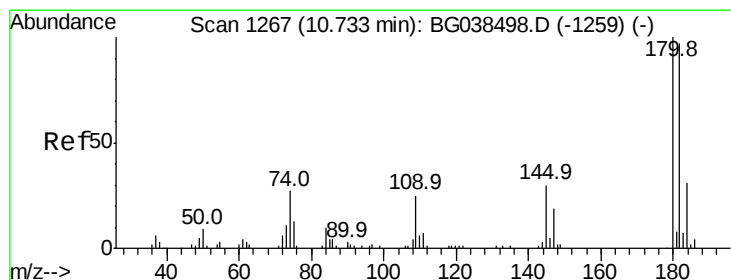
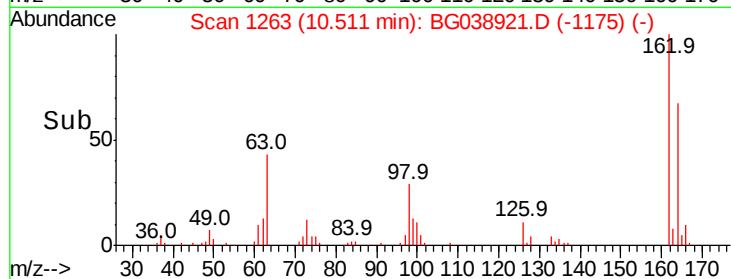
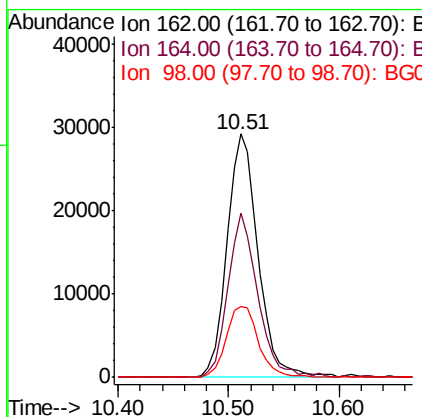
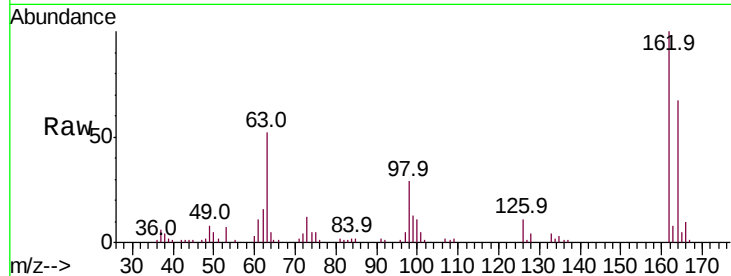
#29
 2,4-Dichlorophenol
 Concen: 40.515 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	57545		
164	67.3		42.9	82.9
98	28.9		12.1	52.1

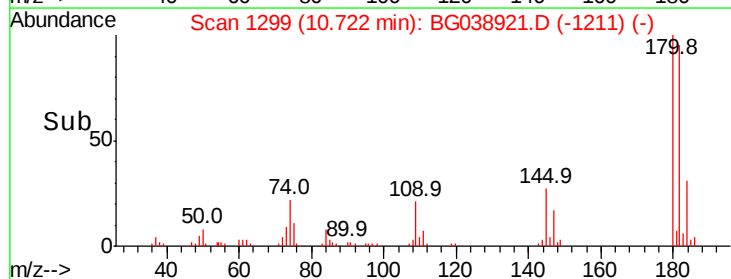
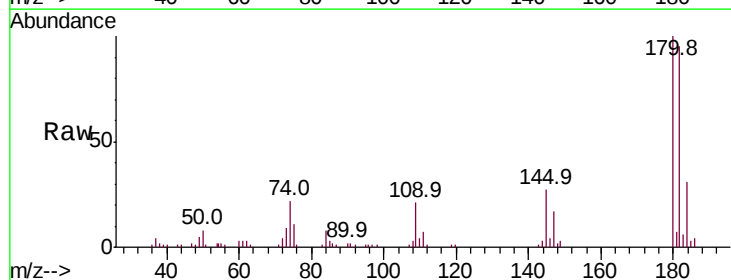
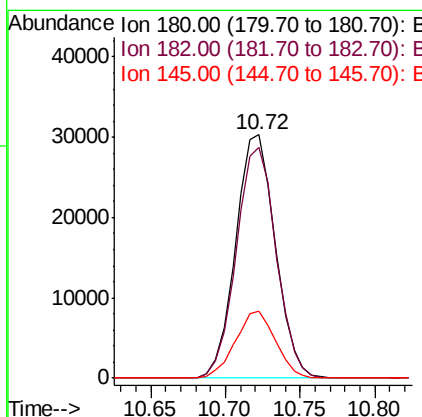
Manual Integrations
 APPROVED

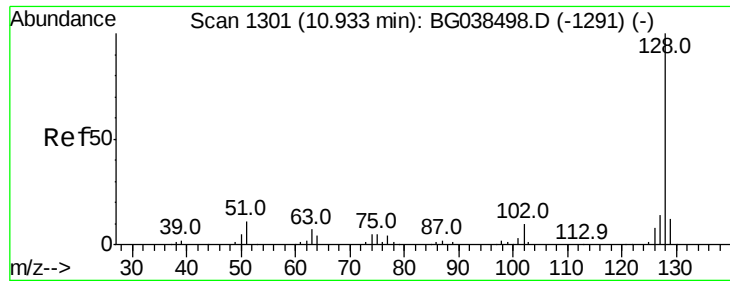
Sohil
 1/4/2019 11:21:16 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 32.576 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	55889		
182	94.7		77.4	116.0
145	27.3		24.1	36.1





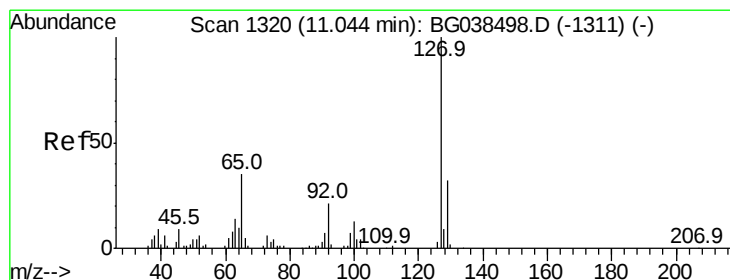
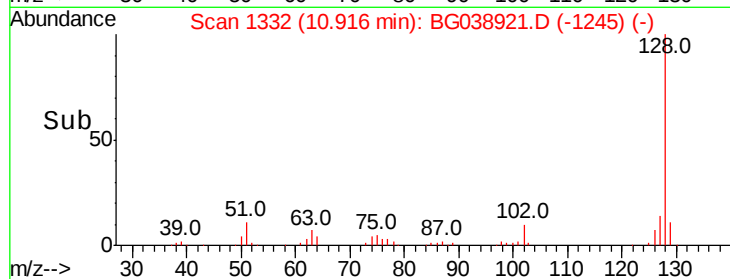
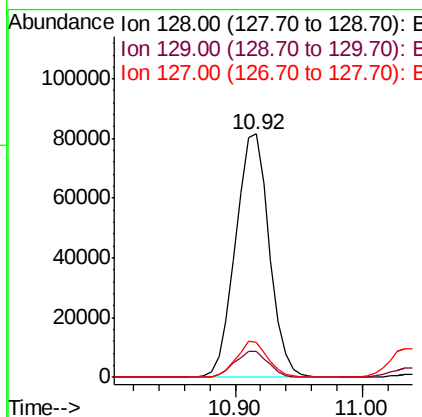
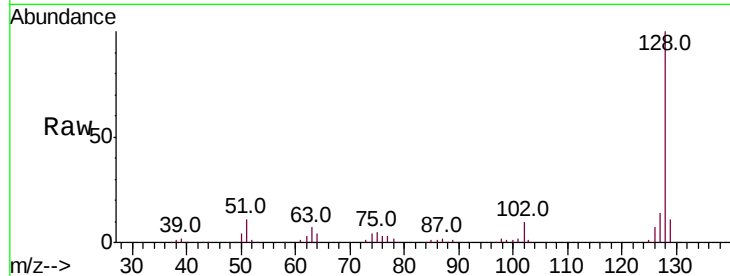
#31
Naphthalene
Concen: 34.712 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.5	14.3
127	14.4	10.9	16.3

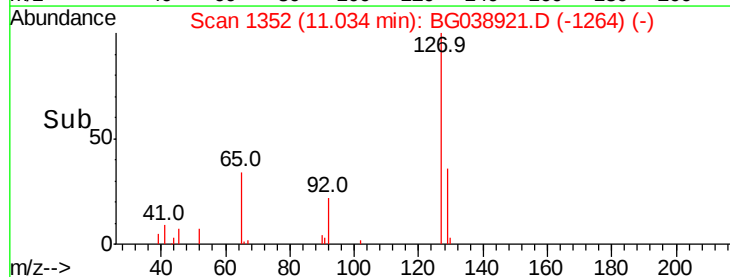
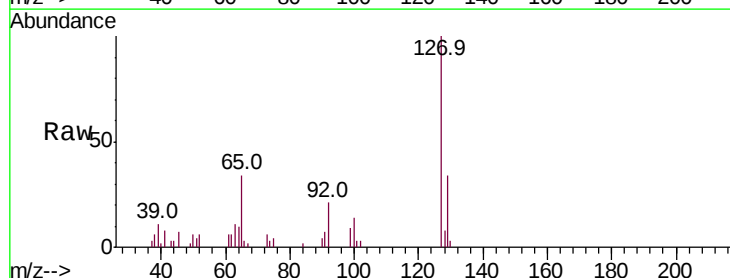
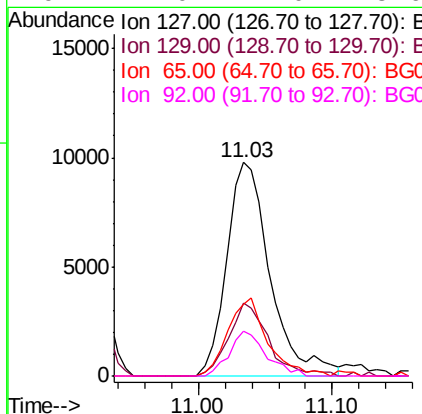
Manual Integrations
APPROVED

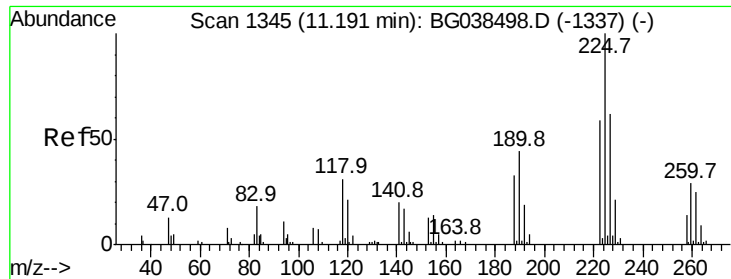
Sohil
1/4/2019 11:21:16 AM



#33
4-Chloroaniline
Concen: 11.756 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.8	38.8
65	33.7	27.8	41.6
92	21.0	17.0	25.6





#34

Hexachlorobutadiene

Concen: 32.302 ng

RT: 11.17 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

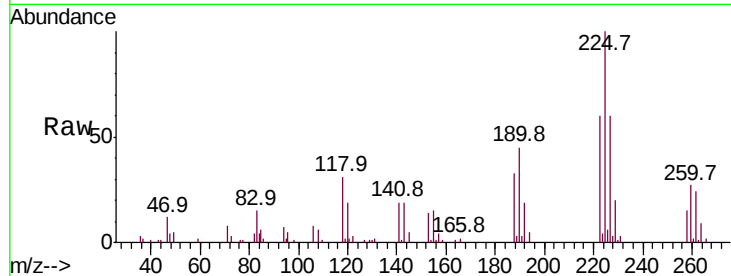
ClientSampleId :

PB116135BS

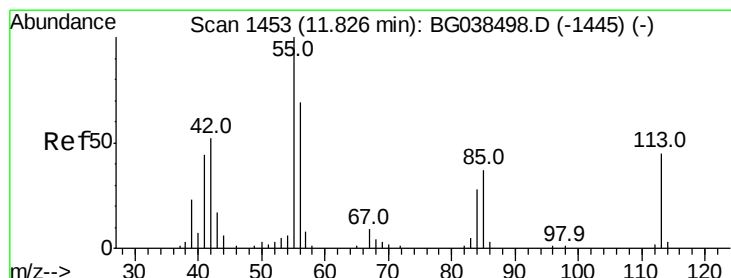
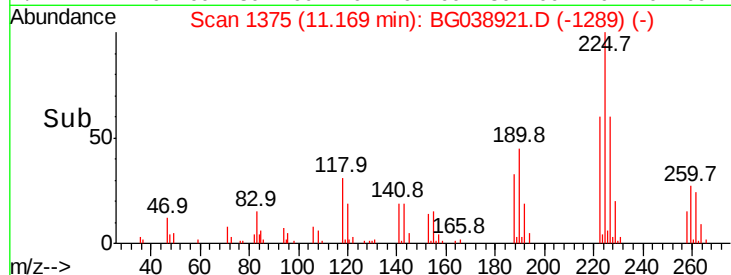
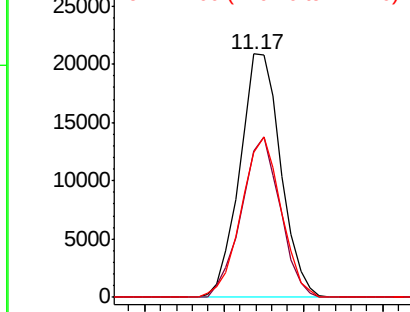
Tot Ion:	225	Resp:	37499
Ion Ratio	Lower	Upper	
225	100		
223	56.6	45.0	67.6
227	59.1	50.6	75.8

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM



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



#35

Caprolactam

Concen: 33.327 ng

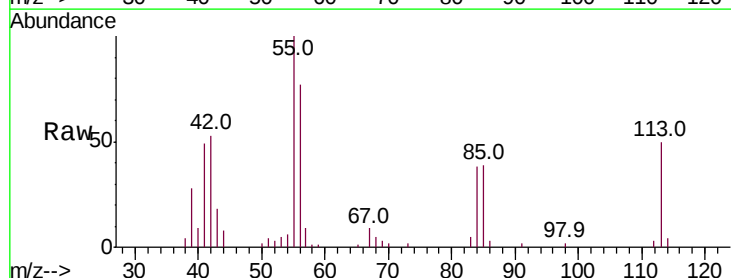
RT: 11.81 min Scan# 1484

Delta R.T. -0.02 min

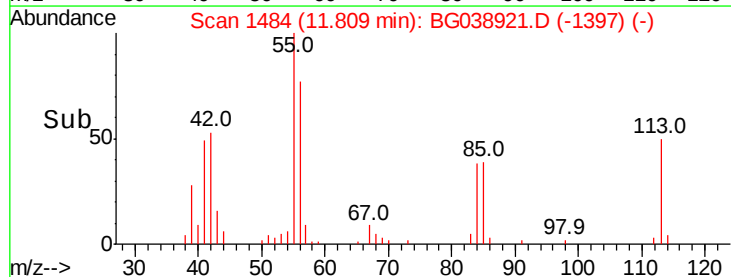
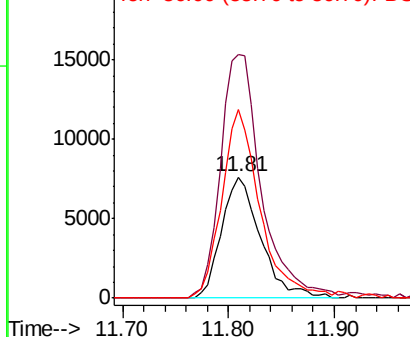
Lab File: BG038921.D

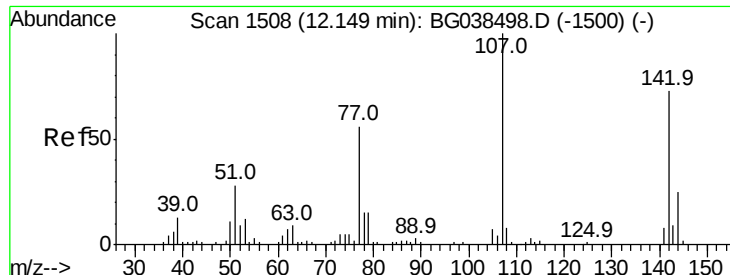
Acq: 4 Jan 2019 2:33

Tgt Ion:	113	Resp:	19590
Ion Ratio	Lower	Upper	
113	100		
55	201.2	204.3	244.3#
56	155.8	135.0	175.0



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





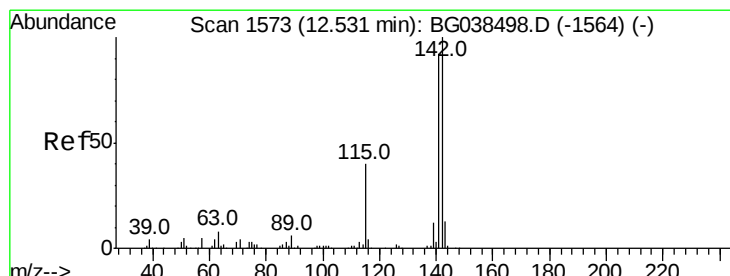
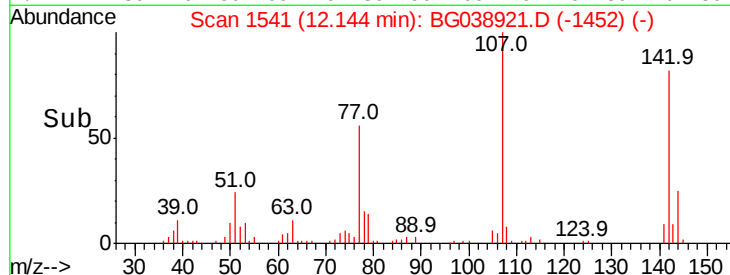
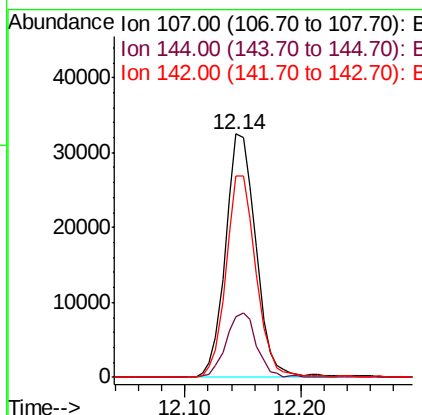
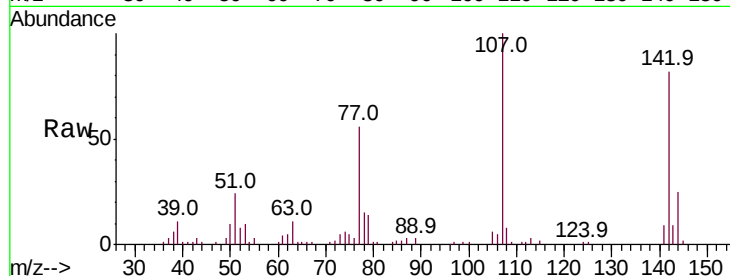
#36
 4-Chloro-3-methylphenol
 Concen: 36.636 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.1	30.1
142	82.5	58.7	88.1

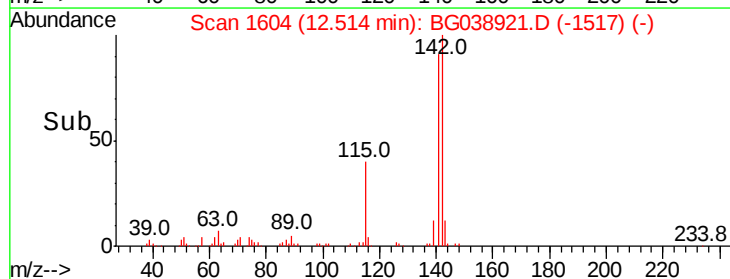
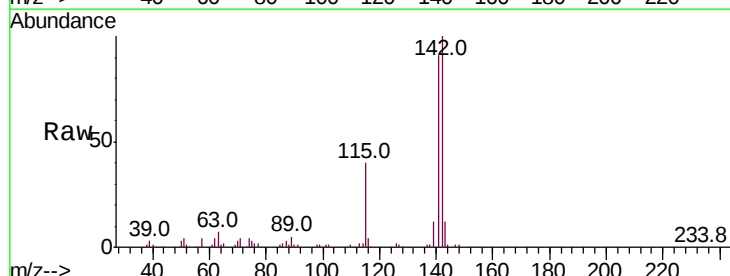
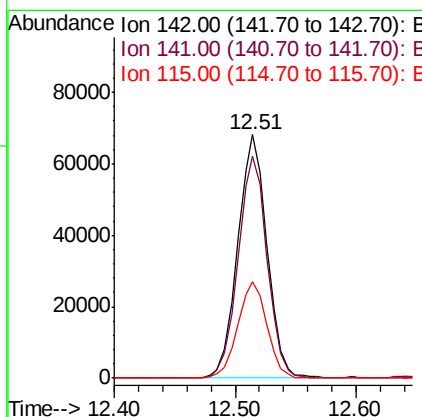
Manual Integrations
 APPROVED

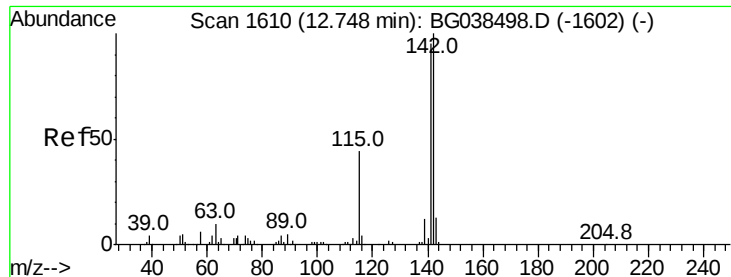
Sohil
 1/4/2019 11:21:16 AM



#37
 2-Methylnaphthalene
 Concen: 37.093 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.5	110.3
115	39.6	31.7	47.5





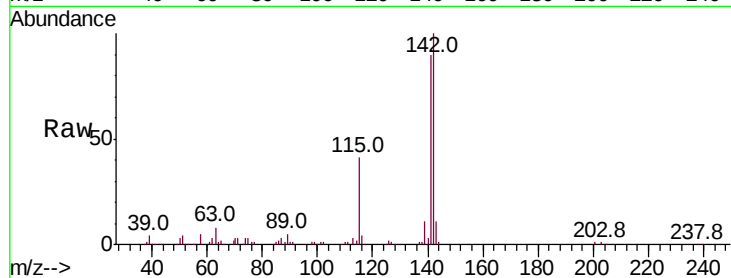
#38
1-Methylnaphthalene
Concen: 37.684 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	75.8	113.8
116	4.1	3.6	5.4

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM

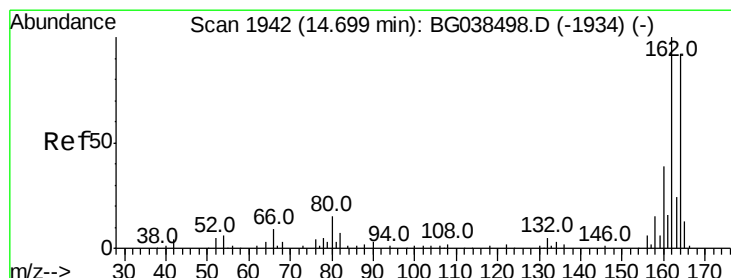
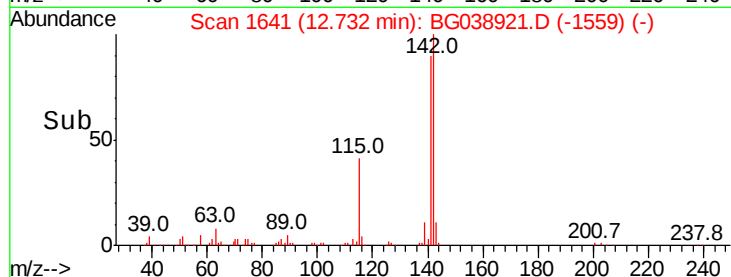
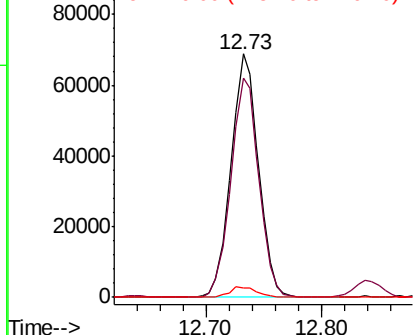


Abundance

Ion 142.00 (141.70 to 142.70): E

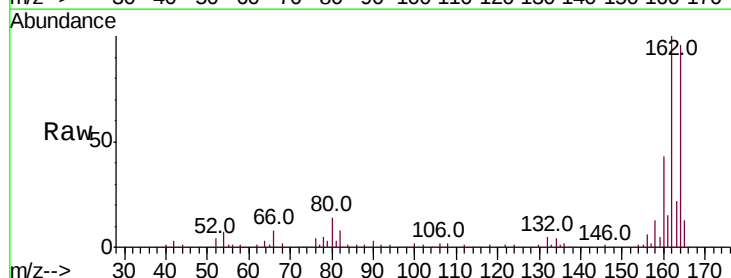
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.6	130.0
160	44.6	34.2	51.2

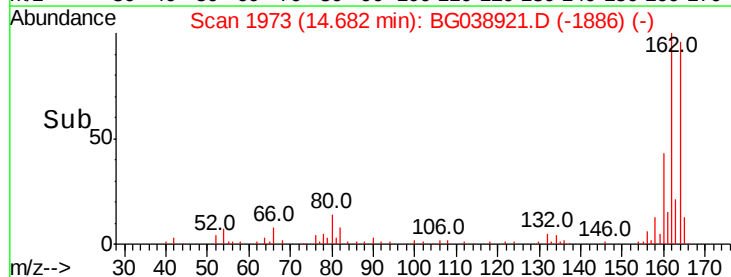
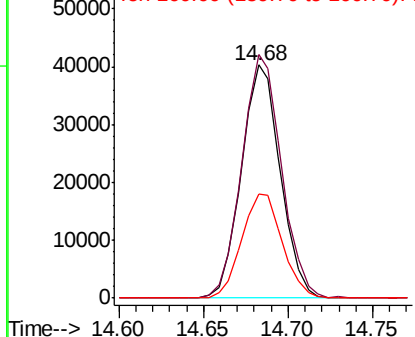


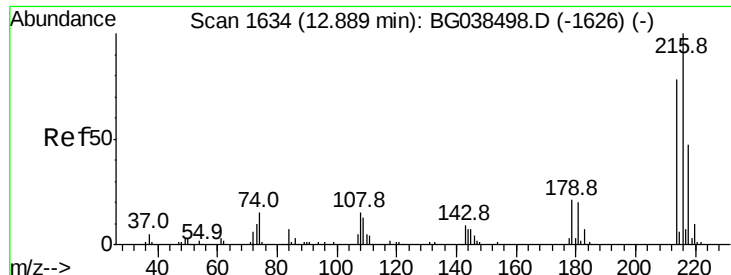
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





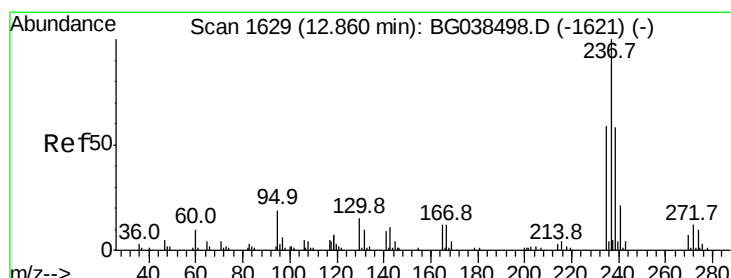
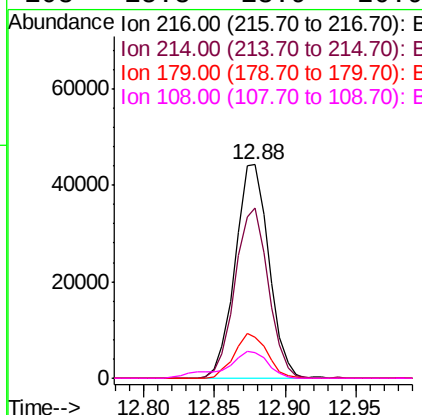
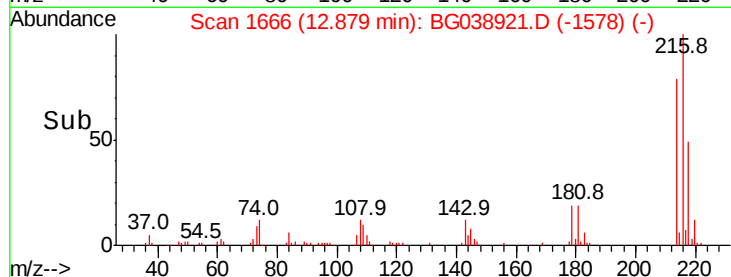
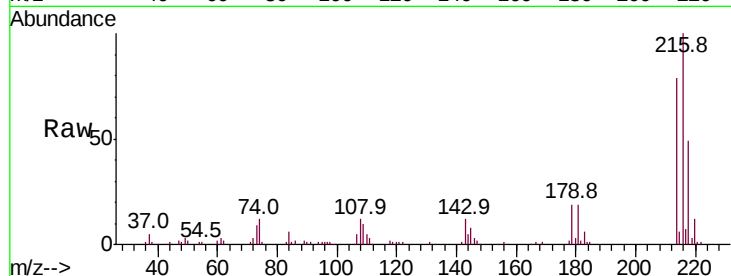
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.783 ng
 RT: 12.88 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.6	64.1	96.1
179	20.1	16.4	24.6
108	15.8	13.9	20.9

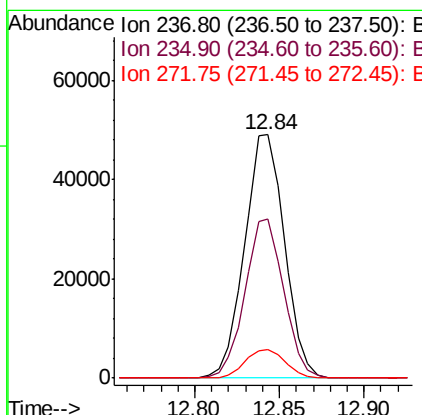
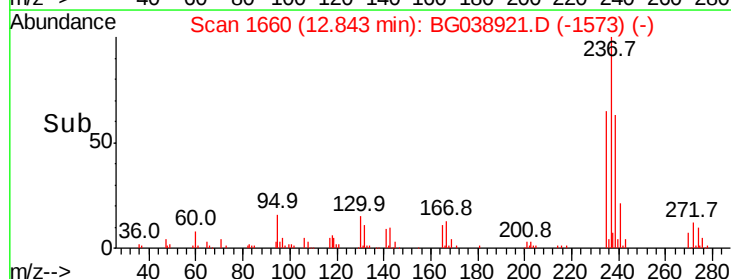
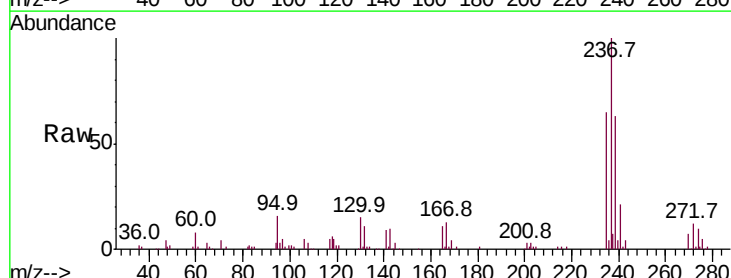
Manual Integrations
 APPROVED

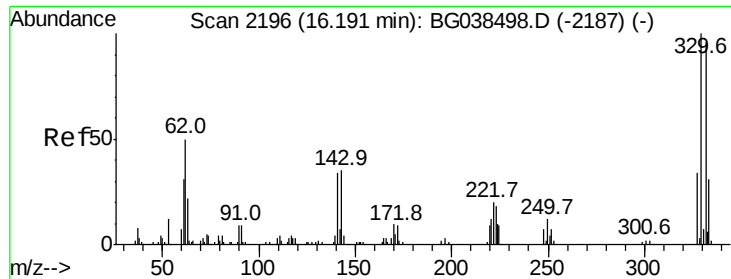
Sohil
 1/4/2019 11:21:16 AM



#41
 Hexachlorocyclopentadiene
 Concen: 61.049 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.02 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.3	38.8	78.8
272	11.6	0.0	32.0





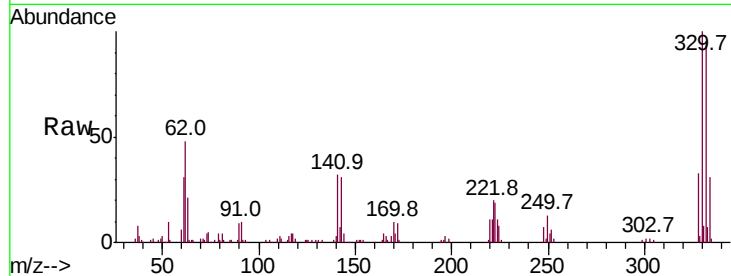
#42
 2,4,6-Tribromophenol
 Concen: 122.223 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

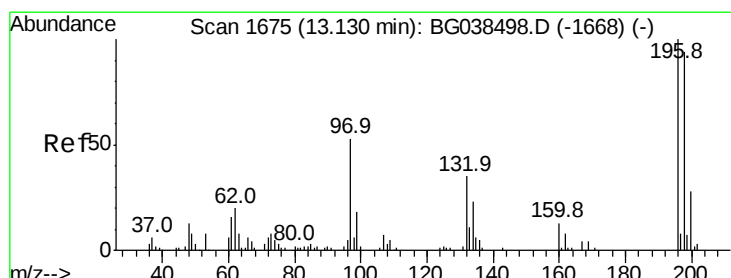
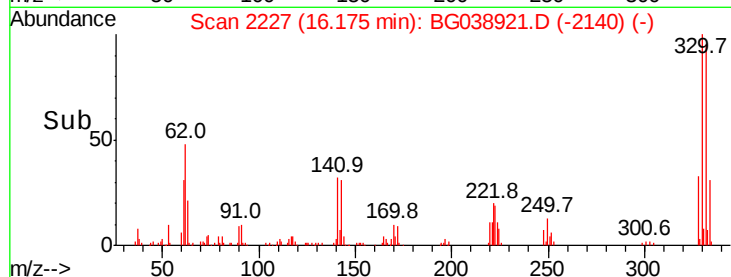
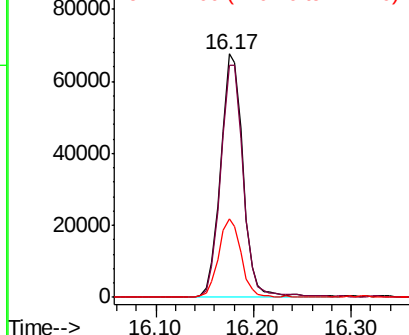
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	76.9	115.3	
141	32.2	28.8	43.2	

Manual Integrations
 APPROVED

Sohil
 1/4/2019 11:21:16 AM



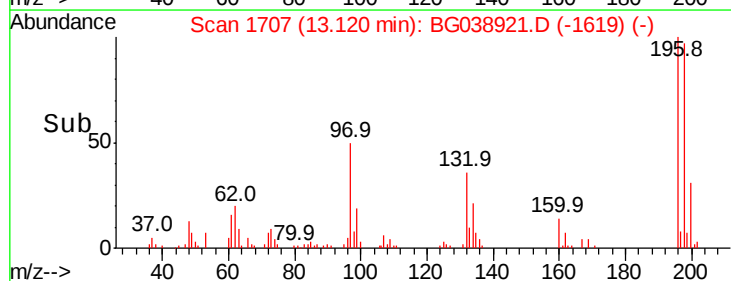
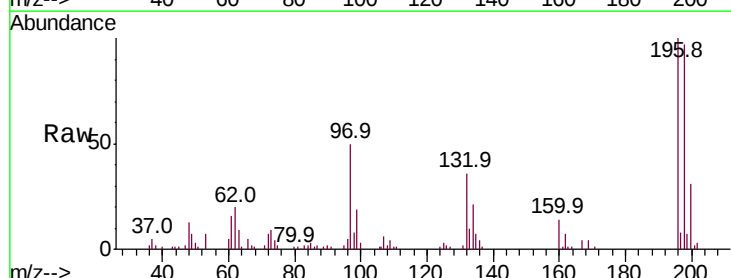
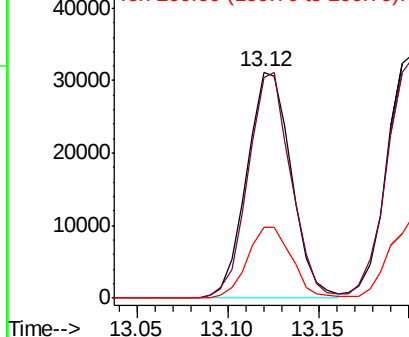
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

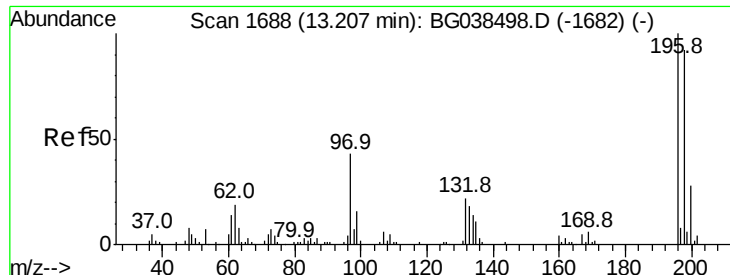


#43
 2,4,6-Trichlorophenol
 Concen: 36.114 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.5	75.0	112.4	
200	31.4	22.4	33.6	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





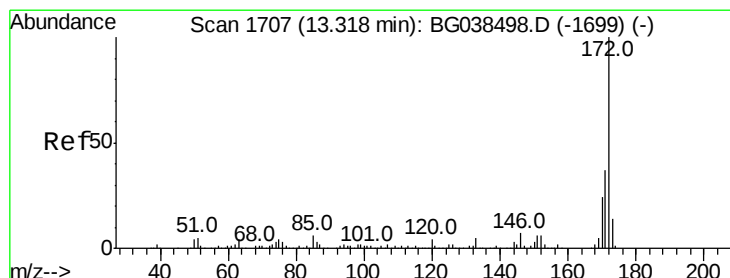
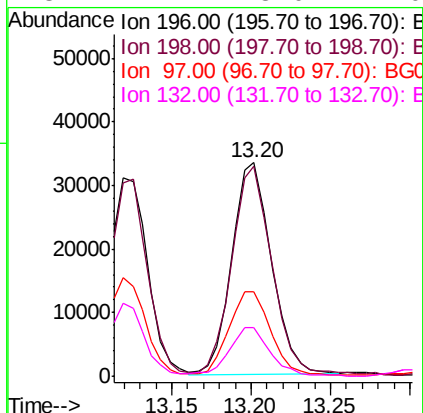
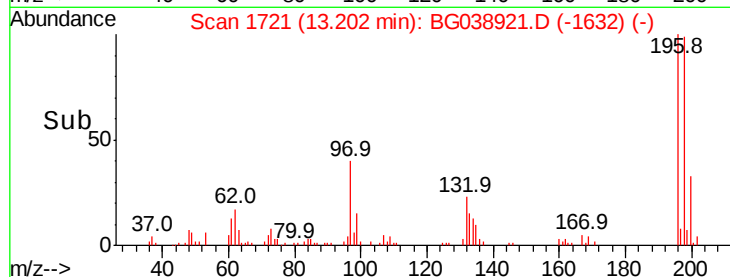
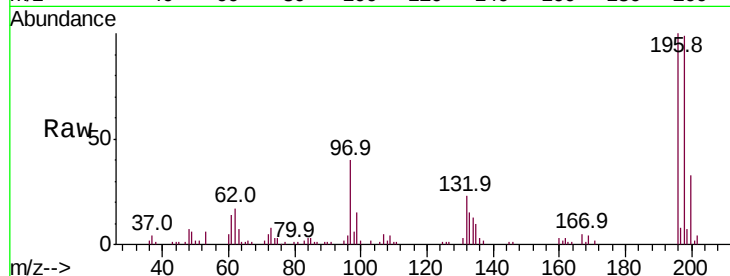
#44
 2,4,5-Trichlorophenol
 Concen: 37.046 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

Tot Ion	196	Resp	57875
Ion Ratio	Lower	Upper	
196	100		
198	98.6	74.0	111.0
97	39.8	35.1	52.7
132	22.7	18.0	27.0

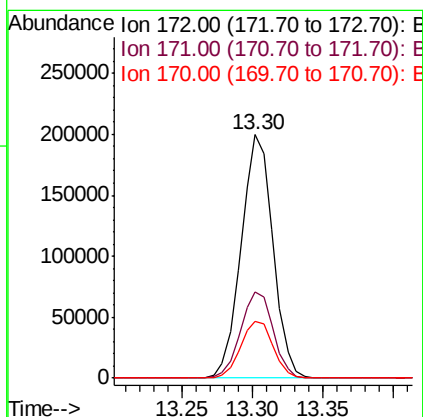
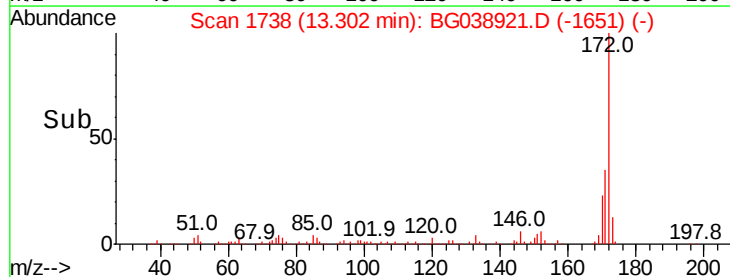
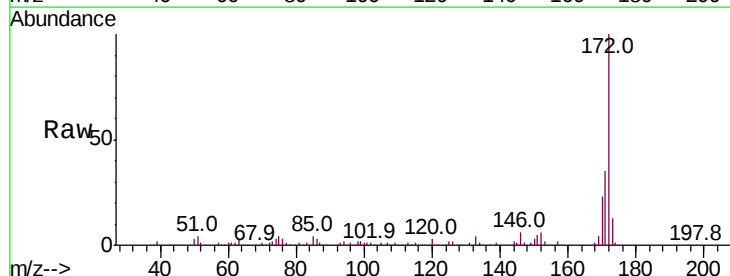
Manual Integrations
 APPROVED

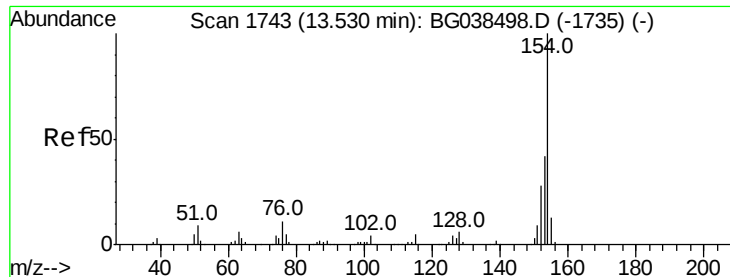
Sohil
 1/4/2019 11:21:16 AM



#45
 2-Fluorobiphenyl
 Concen: 67.134 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Tgt Ion	172	Resp	314173
Ion Ratio	Lower	Upper	
172	100		
171	35.3	29.8	44.6
170	23.4	19.5	29.3





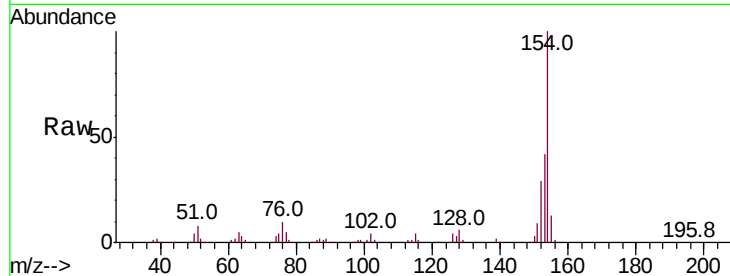
#46
 1,1'-Biphenyl
 Concen: 29.726 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

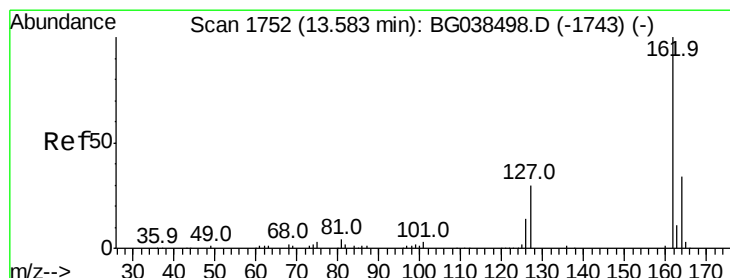
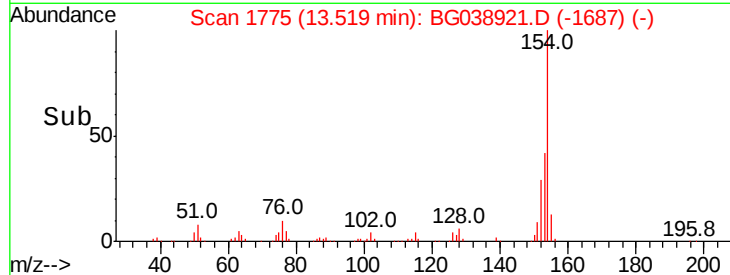
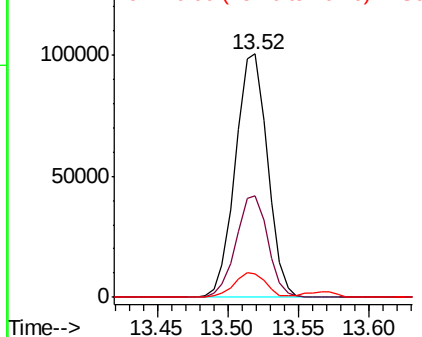
Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.9	22.1	62.1
76	9.5	0.0	31.2

Manual Integrations
 APPROVED

Sohil
 1/4/2019 11:21:16 AM

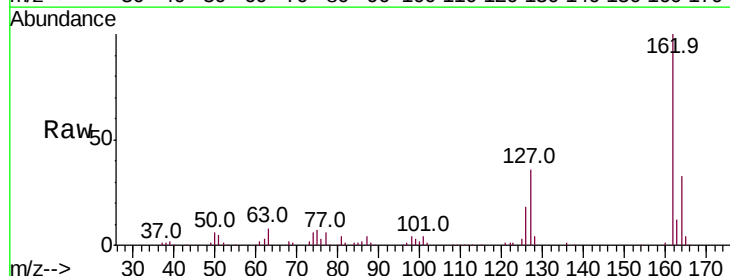


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

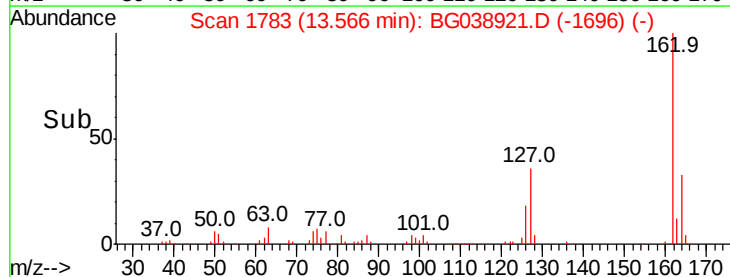
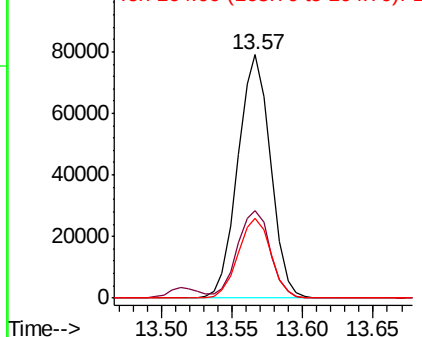


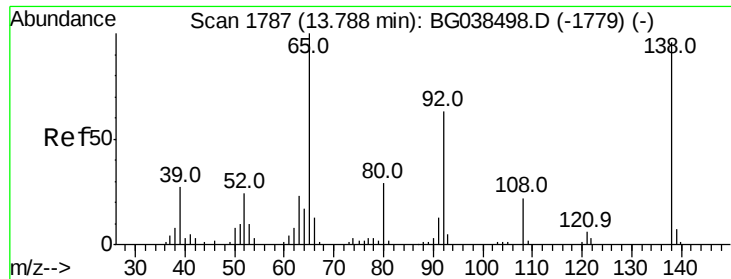
#47
 2-Chloronaphthalene
 Concen: 30.778 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	35.7	27.8	41.8
164	32.9	26.9	40.3



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





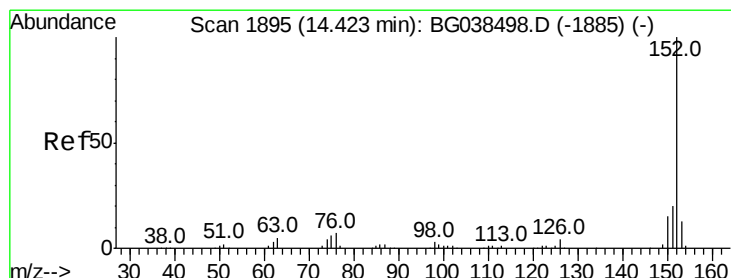
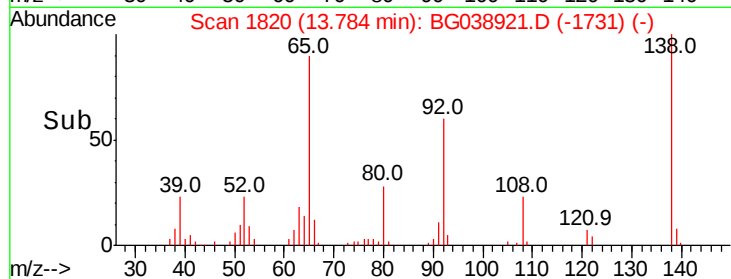
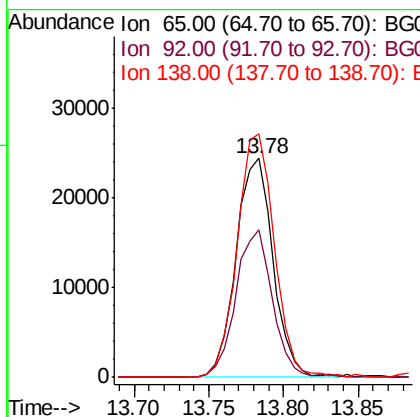
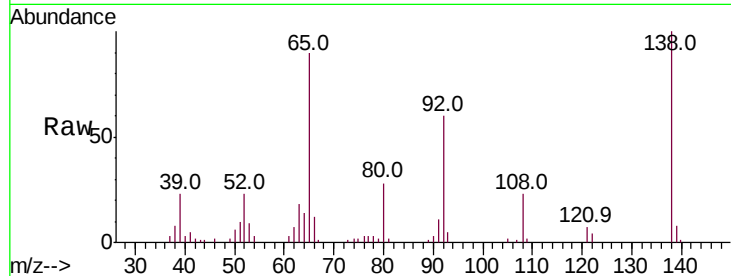
#48
2-Nitroaniline
Concen: 31.720 ng
RT: 13.78 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.2	50.0	75.0
138	111.3	76.9	115.3

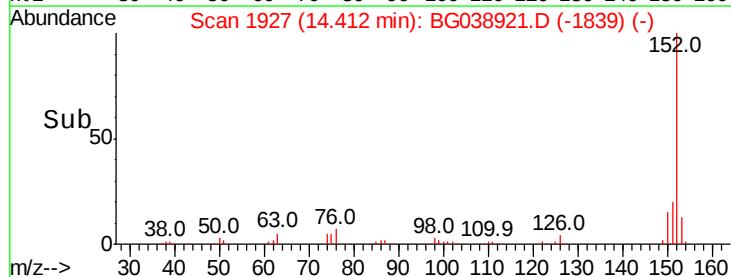
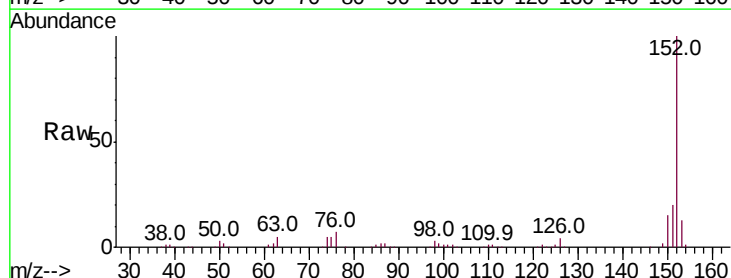
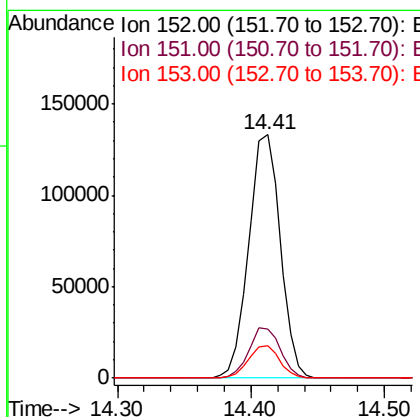
Manual Integrations
APPROVED

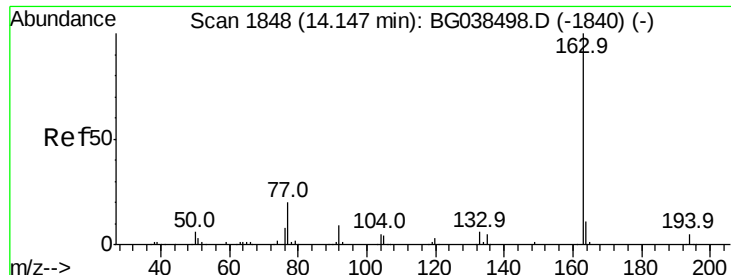
Sohil
1/4/2019 11:21:16 AM



#49
Acenaphthylene
Concen: 34.914 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	13.5	10.4	15.6





#50

Dimethylphthalate

Concen: 34.498 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

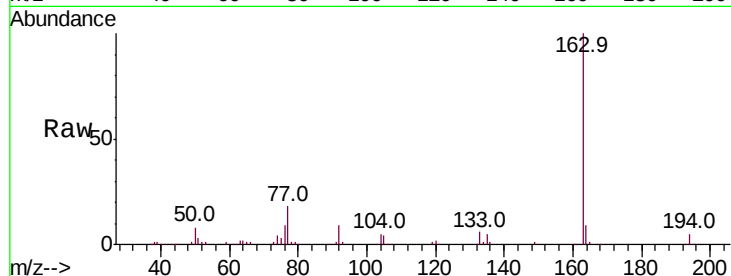
ClientSampleId :

PB116135BS

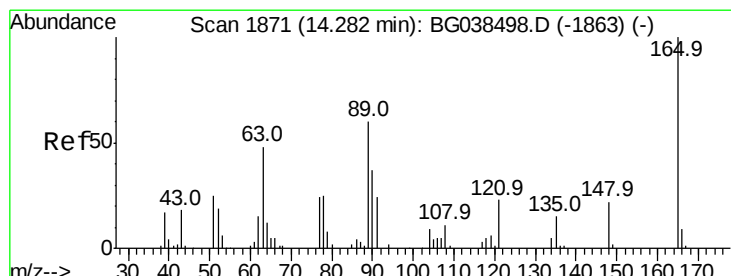
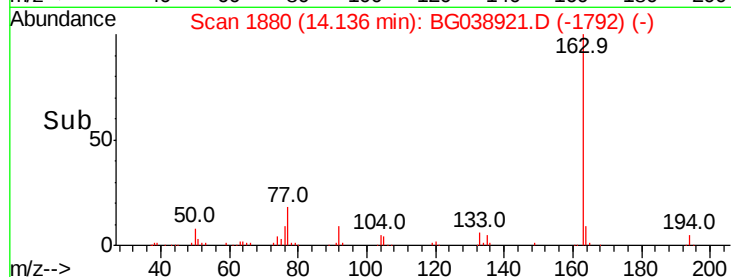
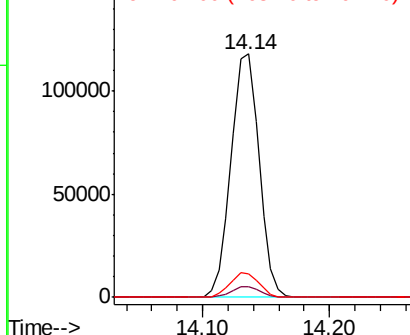
Tot Ion:	163	Resp:	180865
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	9.5	8.6	12.8

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 34.434 ng

RT: 14.27 min Scan# 1902

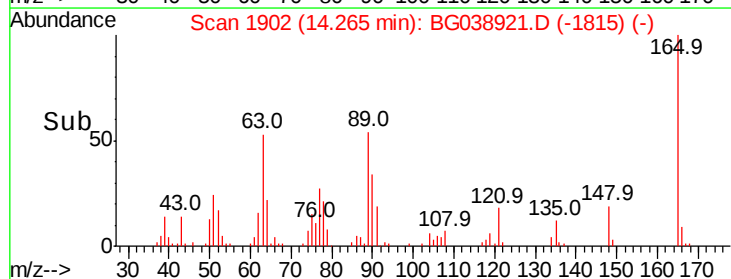
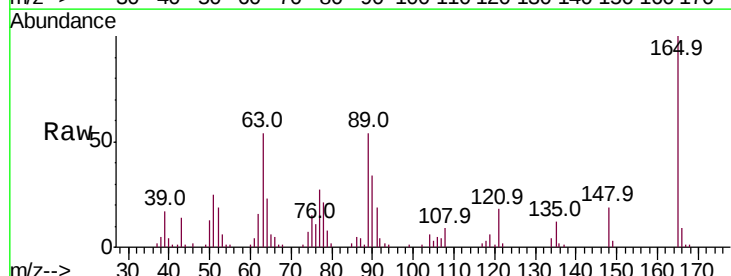
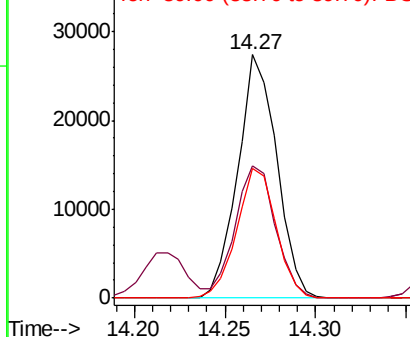
Delta R.T. -0.02 min

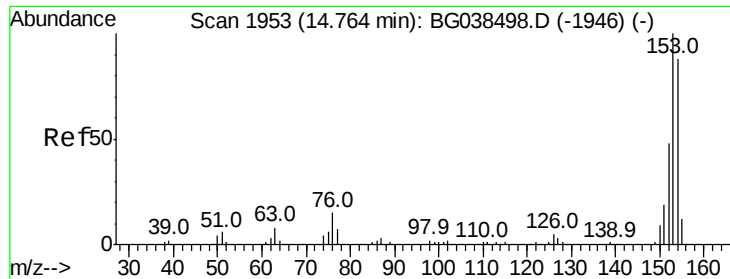
Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Tgt Ion:	165	Resp:	40911
Ion Ratio	Lower	Upper	
165	100		
63	54.3	51.8	77.6
89	53.5	47.9	71.9

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 32.886 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

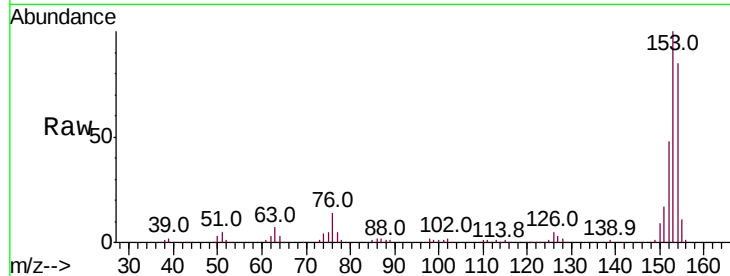
ClientSampleId :

PB116135BS

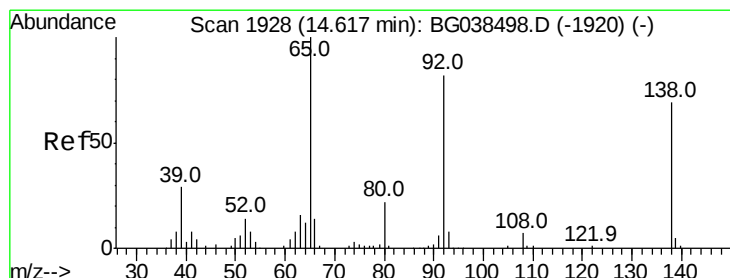
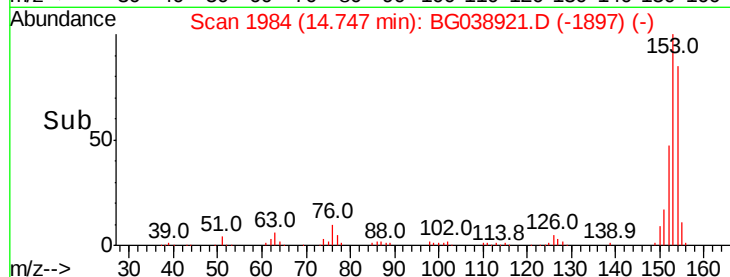
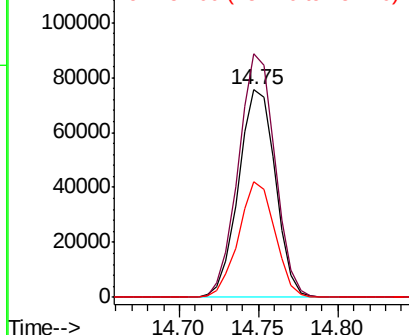
Tot Ion:	154	Resp:	122216
Ion Ratio	Lower	Upper	
154	100		
153	117.4	90.6	136.0
152	55.9	43.5	65.3

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 18.046 ng

RT: 14.60 min Scan# 1959

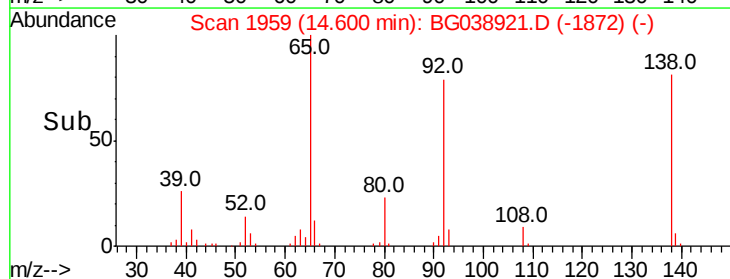
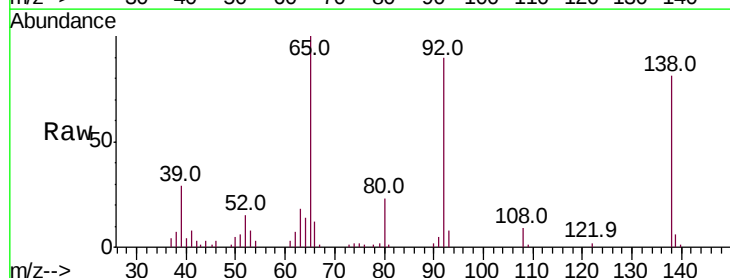
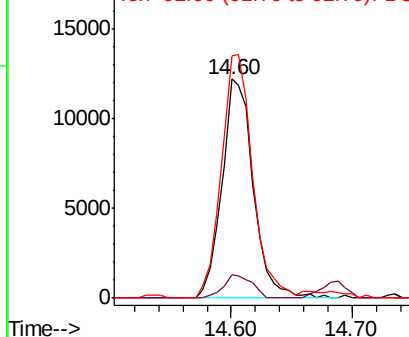
Delta R.T. -0.02 min

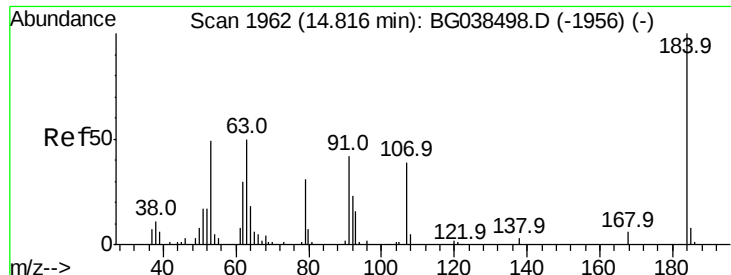
Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Tgt Ion:	138	Resp:	21856
Ion Ratio	Lower	Upper	
138	100		
108	10.9	7.9	11.9
92	110.7	95.3	142.9

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





#54

2,4-Dinitrophenol

Concen: 5.644 ng

RT: 14.83 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

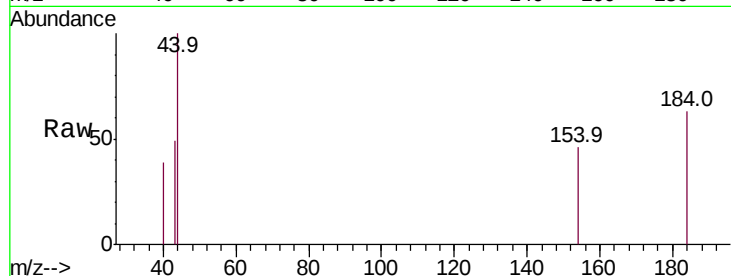
ClientSampleId :

PB116135BS

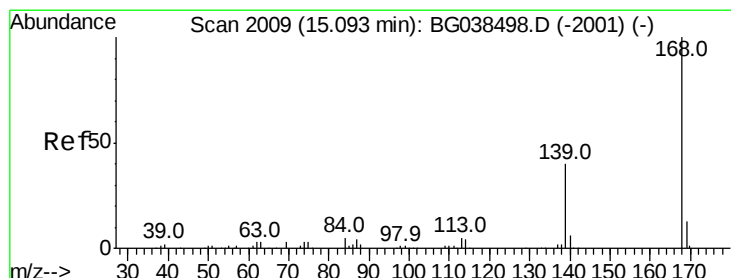
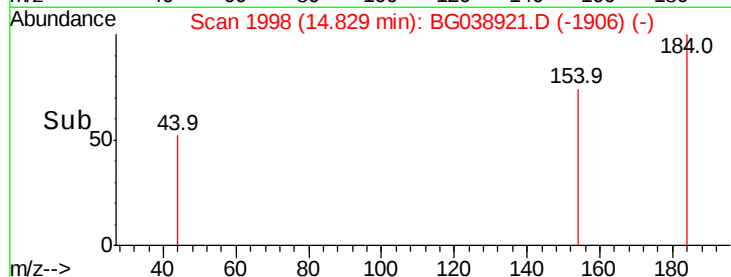
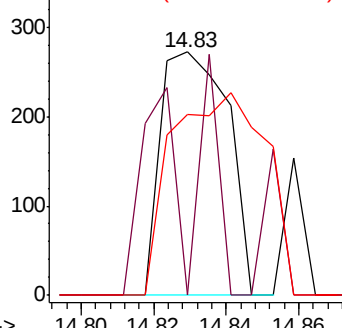
Tot Ion	Ratio	Lower	Upper
184	100		
63	0.0	47.0	70.6#
154	74.3	50.3	75.5

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM



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



#55

Dibenzofuran

Concen: 33.845 ng

RT: 15.08 min Scan# 2041

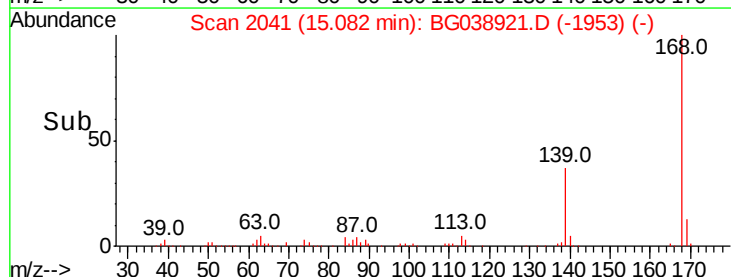
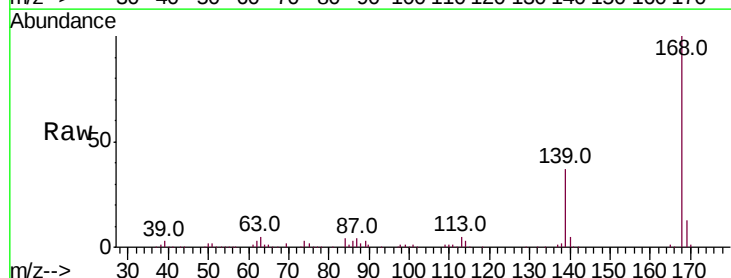
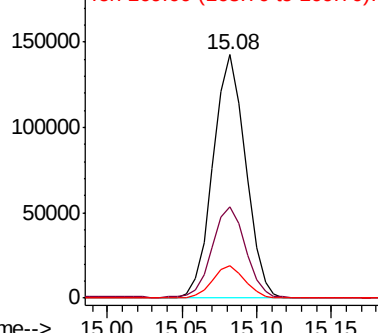
Delta R.T. -0.01 min

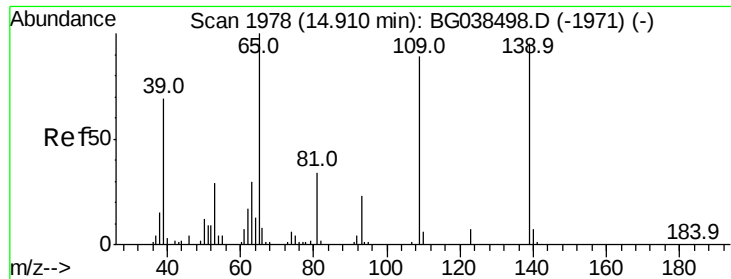
Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	32.2	48.2
169	13.5	10.6	16.0

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





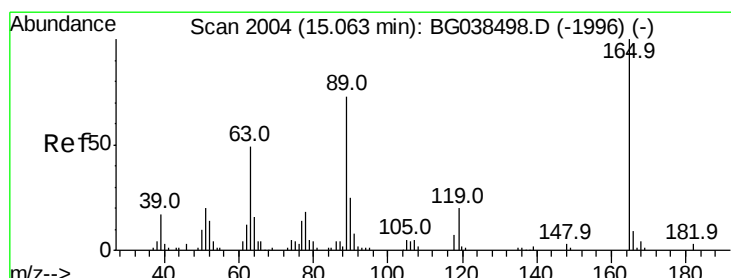
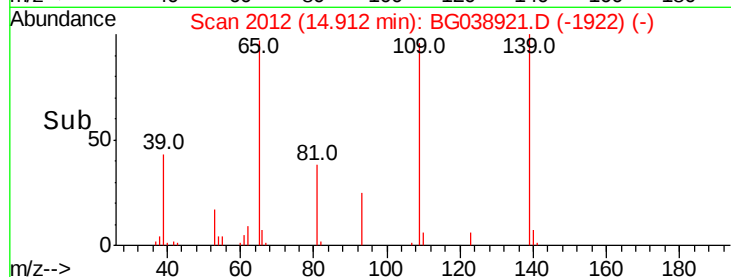
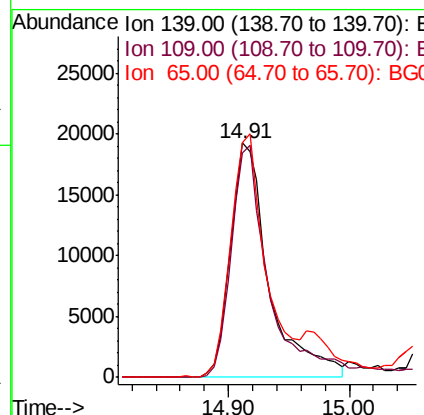
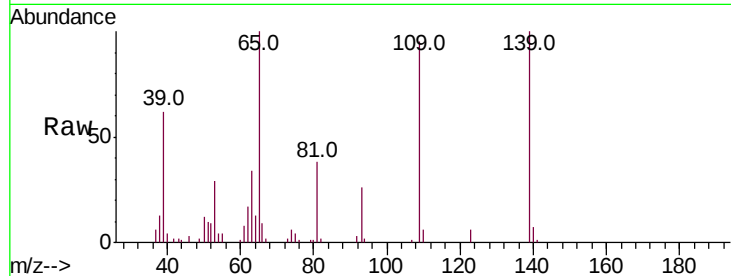
#56
4-Nitrophenol
Concen: 46.394 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	95.7	73.6	113.6
65	100.3	84.8	124.8

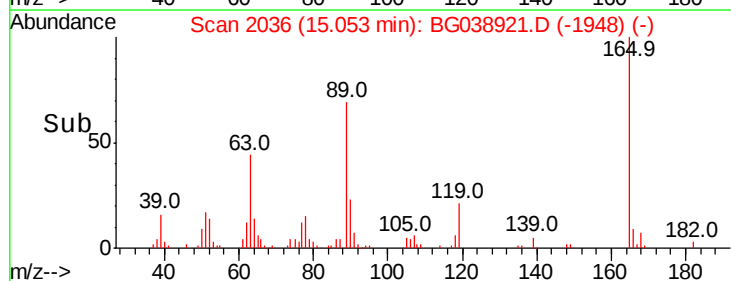
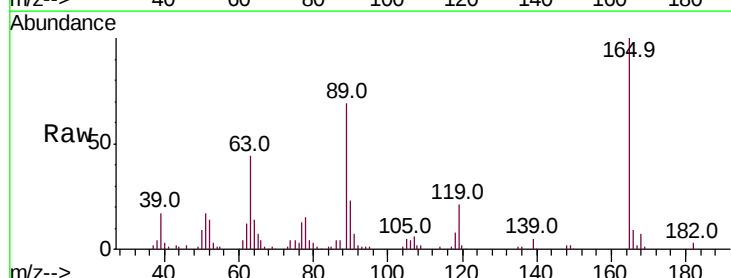
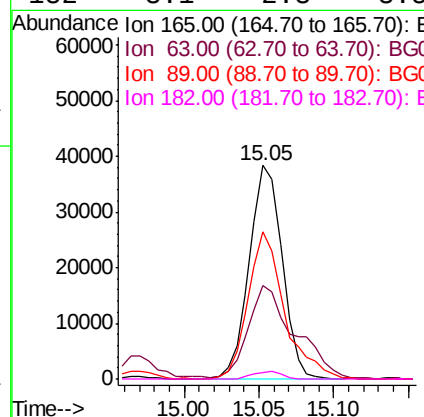
Manual Integrations
APPROVED

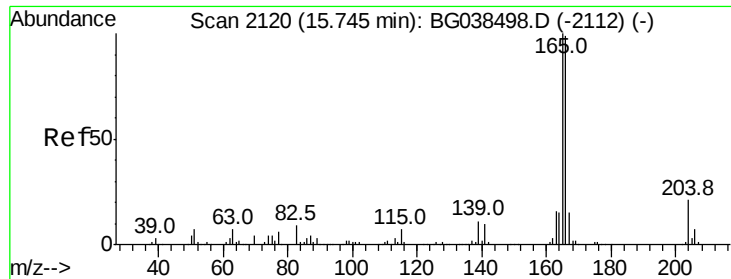
Sohil
1/4/2019 11:21:16 AM



#57
2,4-Dinitrotoluene
Concen: 35.016 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.7	39.0	58.4
89	68.8	58.0	87.0
182	3.1	2.3	3.5





#58

Fluorene

Concen: 37.256 ng

RT: 15.73 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

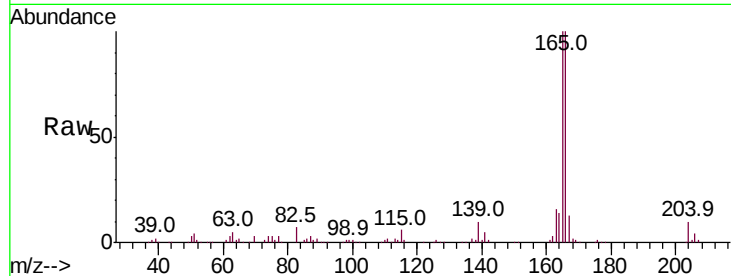
ClientSampleId :

PB116135BS

Tot Ion:	166	Resp:	175840
Ion Ratio	Lower	Upper	
166	100		
165	100.2	80.6	120.8
167	13.0	12.0	18.0

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM

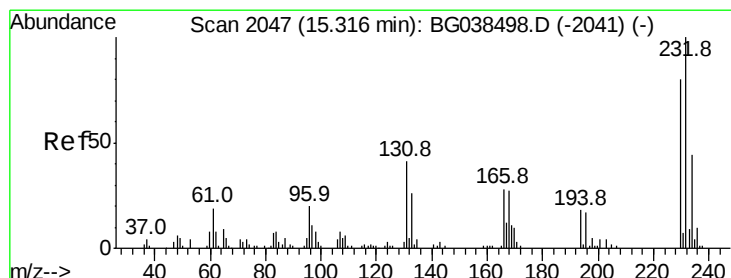
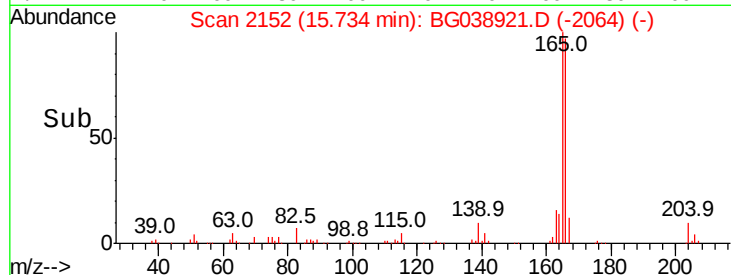
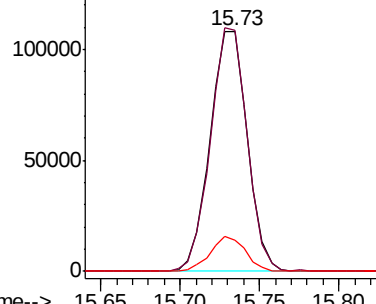


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 32.879 ng m

RT: 15.31 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Tgt Ion:	232	Resp:	46213
Ion Ratio	Lower	Upper	
232	100		
131	37.0	33.0	49.4
130	1.9	2.0	3.0#
166	28.9	23.1	34.7

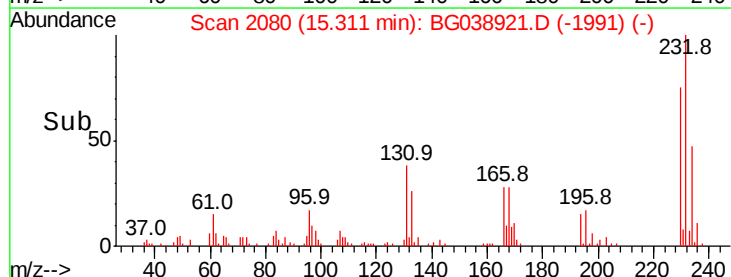
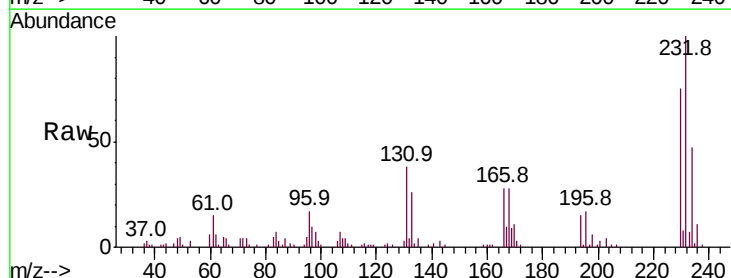
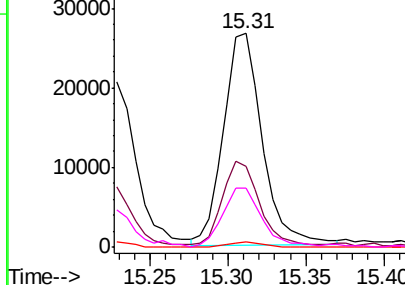
Abundance

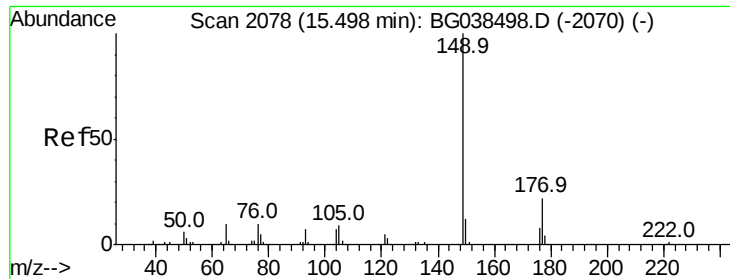
Ion 232.00 (231.70 to 232.70): E

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





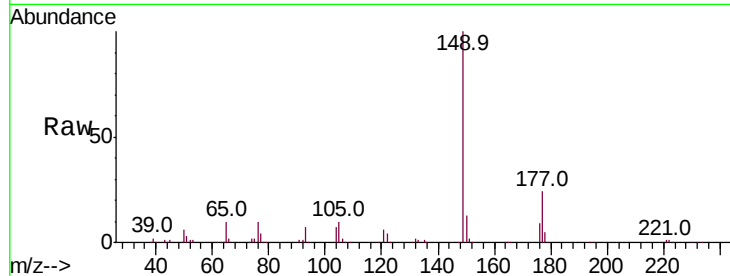
#60
Diethylphthalate
Concen: 32.624 ng
RT: 15.49 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

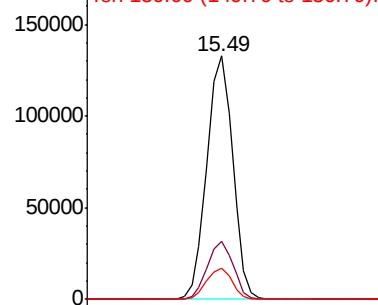
Tot Ion	Ratio	Resp	Lower	Upper
149	100	187764		
177	23.8	17.7	26.5	
150	12.8	9.9	14.9	

Manual Integrations
APPROVED

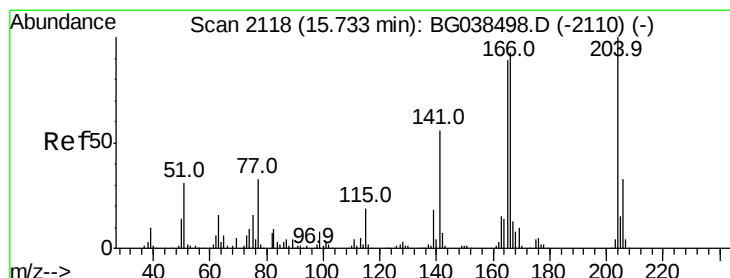
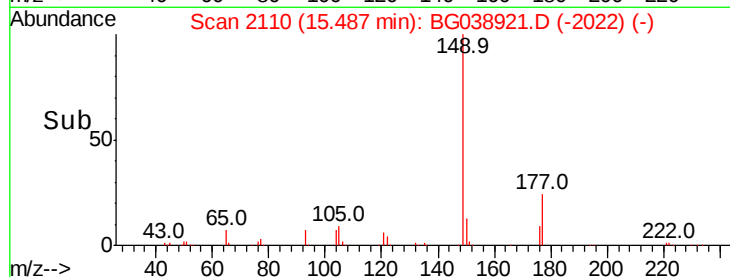
Sohil
1/4/2019 11:21:16 AM



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

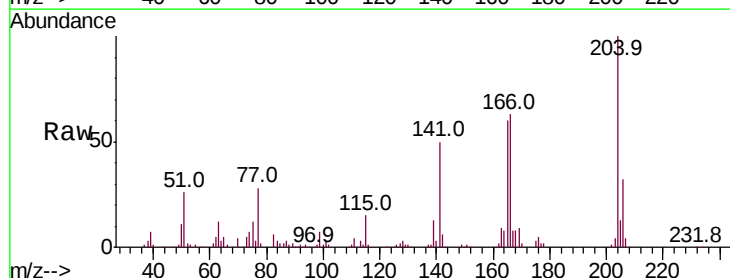


Time-->

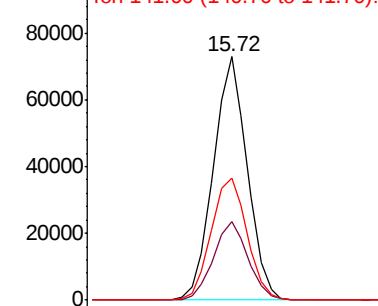


#61
4-Chlorophenyl-phenylether
Concen: 34.483 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

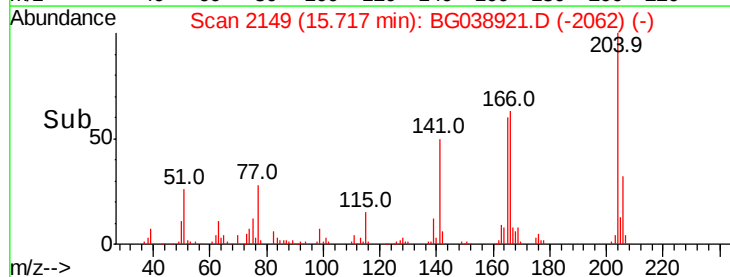
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	101547		
206	32.1	26.0	39.0	
141	50.3	44.4	66.6	

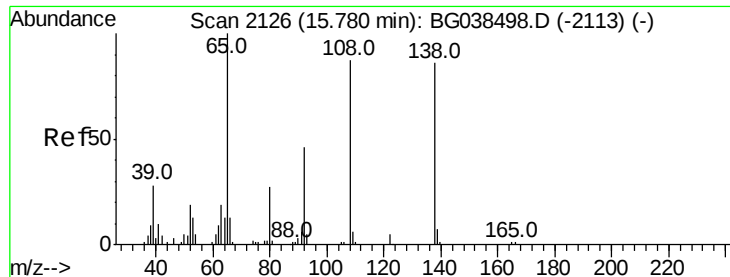


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#62

4-Nitroaniline

Concen: 34.068 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

ClientSampleId :

PB116135BS

Tot Ion:138 Resp: 42478

Ion Ratio Lower Upper

138 100

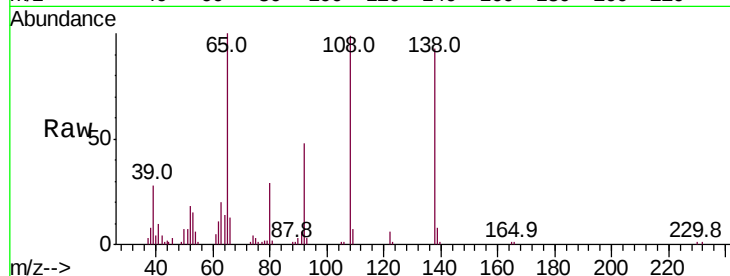
92 51.6 33.3 73.3

108 105.8 81.4 121.4

Manual Integrations
APPROVED

Sohil

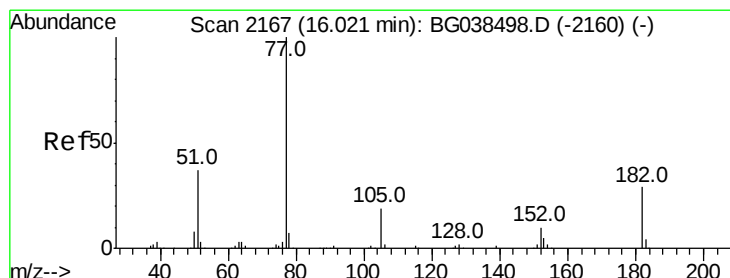
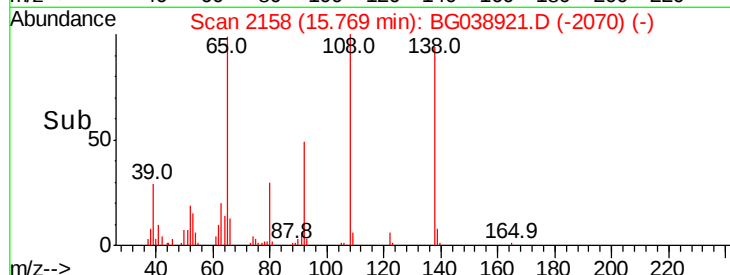
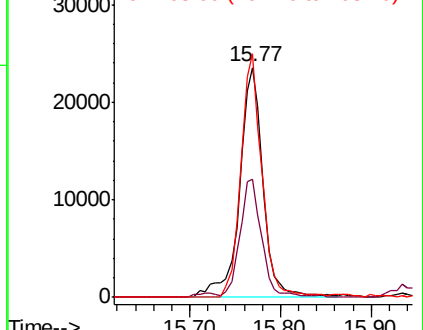
1/4/2019 11:21:16 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 31.041 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Tgt Ion: 77 Resp: 149248

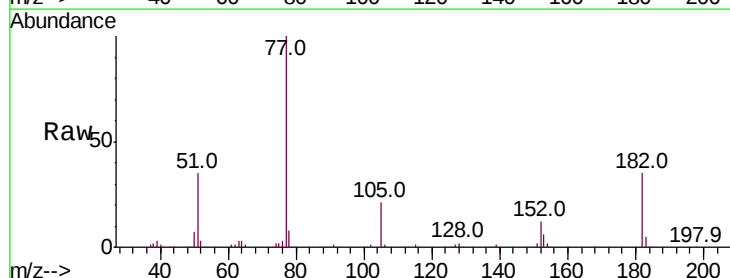
Ion Ratio Lower Upper

77 100

182 35.5 8.7 48.7

105 20.7 0.0 38.7

51 35.4 16.6 56.6

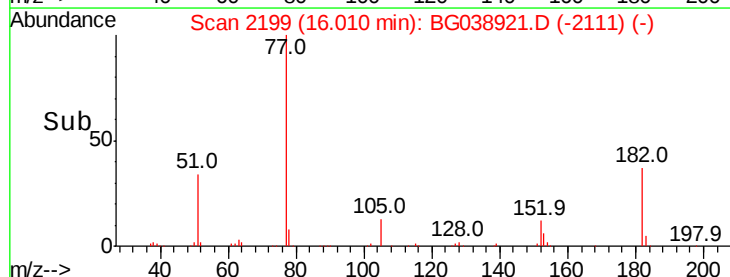
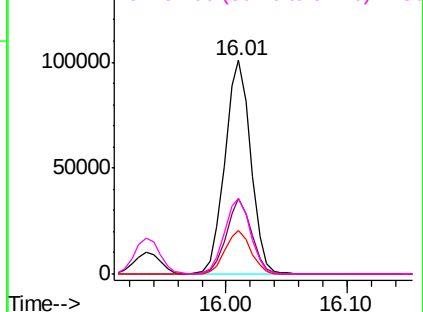


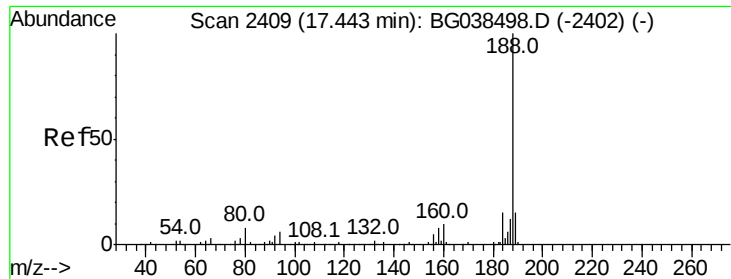
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

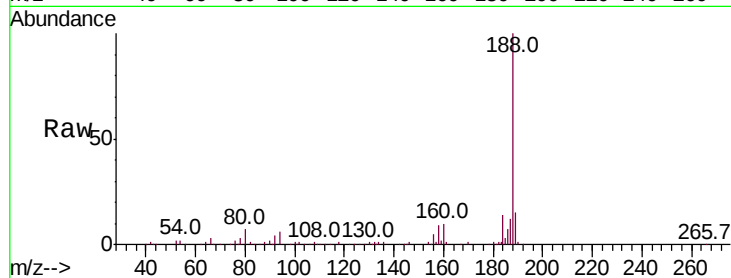
ClientSampleId :

PB116135BS

Tot Ion:188	Resp:	175781
Ion Ratio	Lower	Upper
188 100		
94 6.1	5.1	7.7
80 6.9	6.1	9.1

Manual Integrations
APPROVED

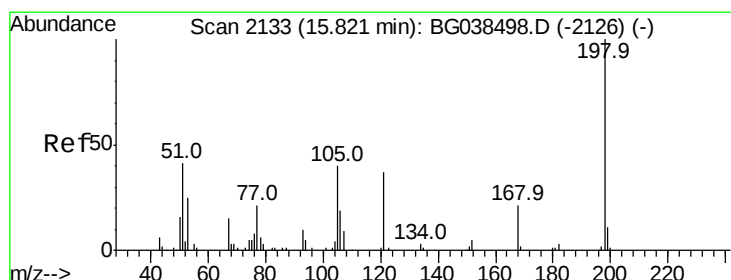
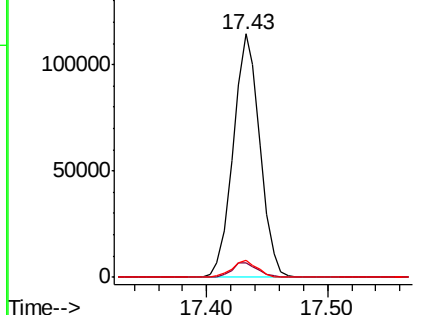
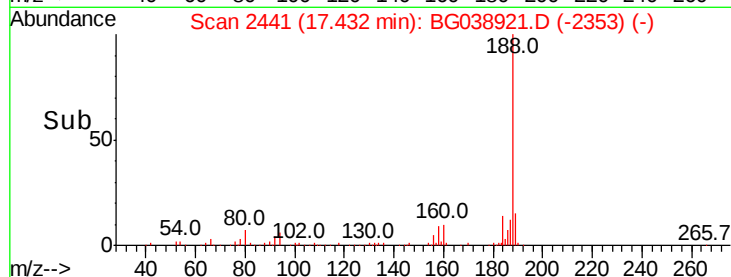
Sohil
1/4/2019 11:21:16 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 2.999 ng

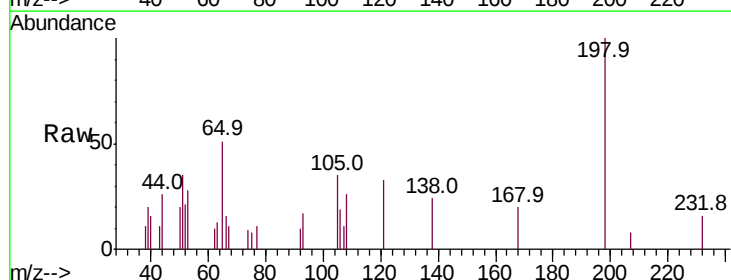
RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

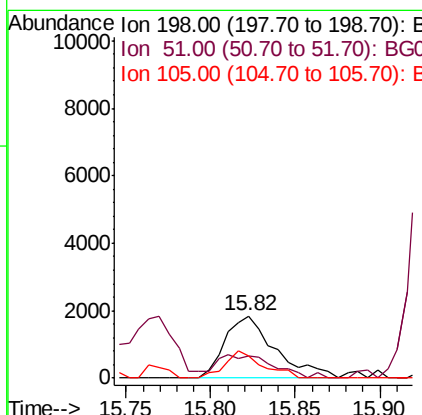
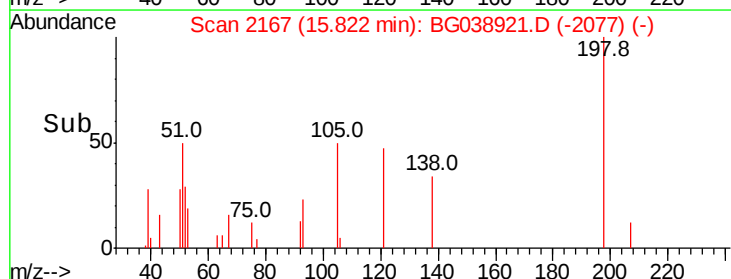
Tgt Ion:198	Resp:	3760
Ion Ratio	Lower	Upper
198 100		
51 35.4	28.6	68.6
105 35.5	20.4	60.4

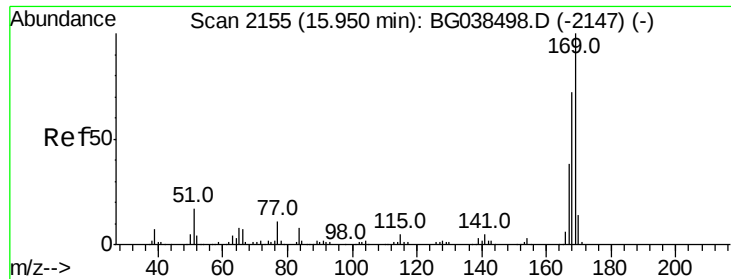


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





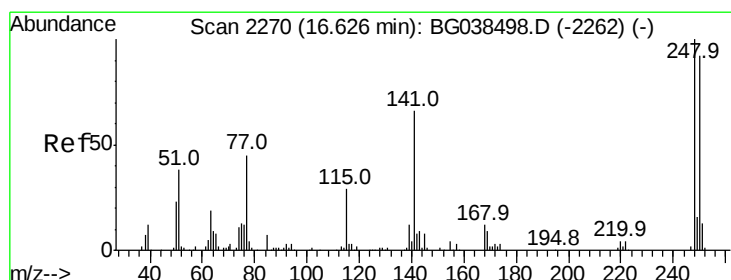
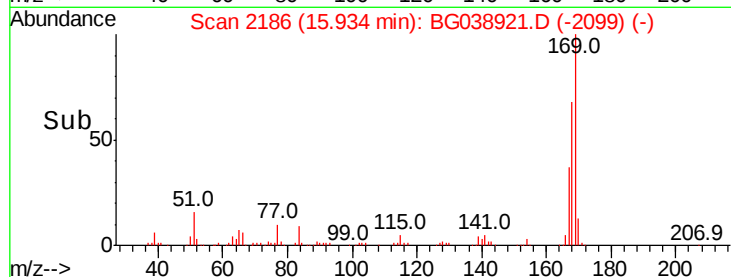
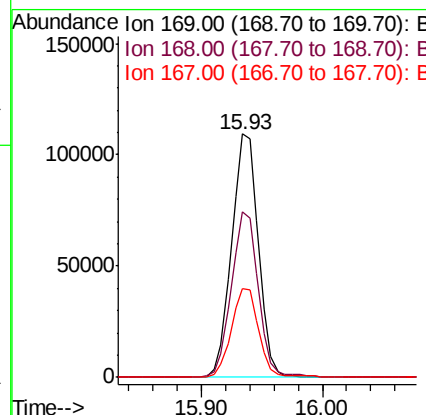
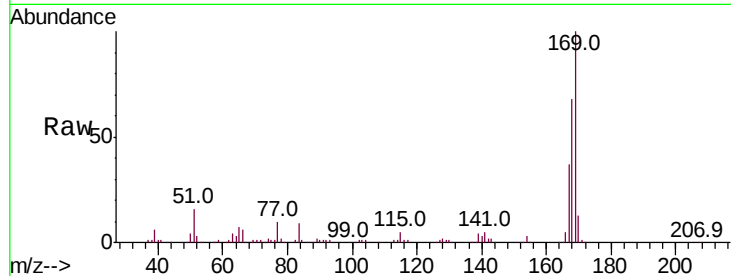
#66
 n-Nitrosodiphenylamine
 Concen: 32.503 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.02 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Instrument :
 BNA_G
 ClientSampled :
 PB116135BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	57.5	86.3
167	36.6	30.2	45.2

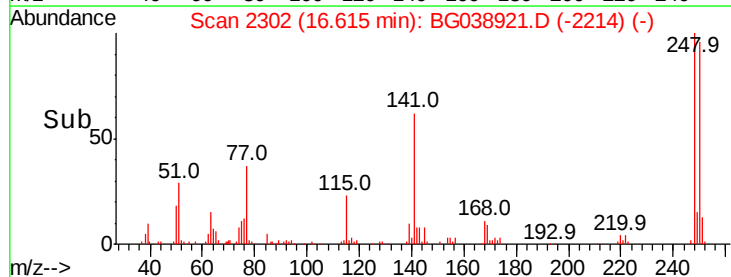
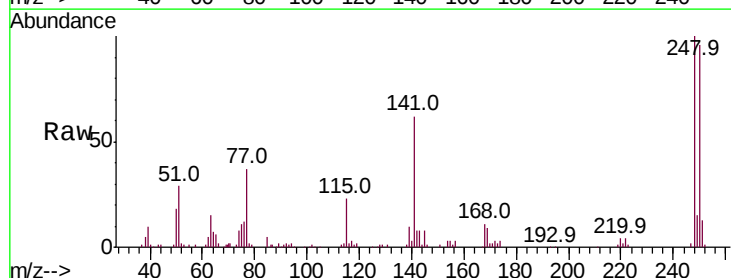
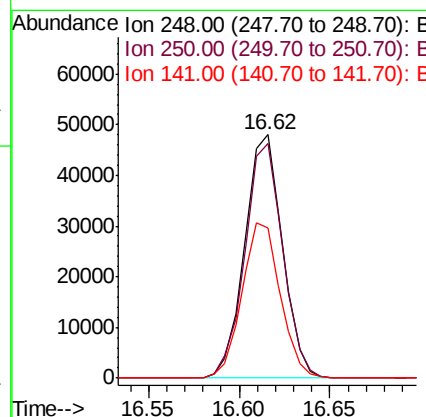
Manual Integrations
 APPROVED

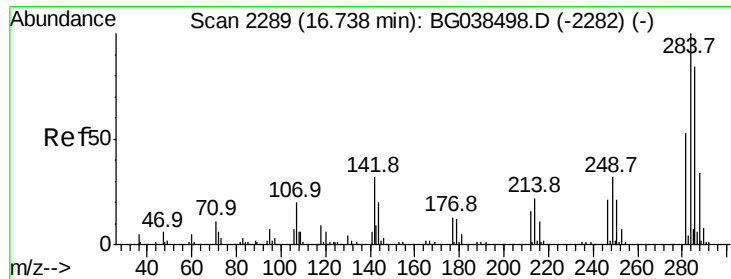
Sohil
 1/4/2019 11:21:16 AM



#67
 4-Bromophenyl-phenylether
 Concen: 32.344 ng
 RT: 16.62 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	73.4	110.2
141	61.6	52.9	79.3





#68

Hexachlorobenzene

Concen: 33.162 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

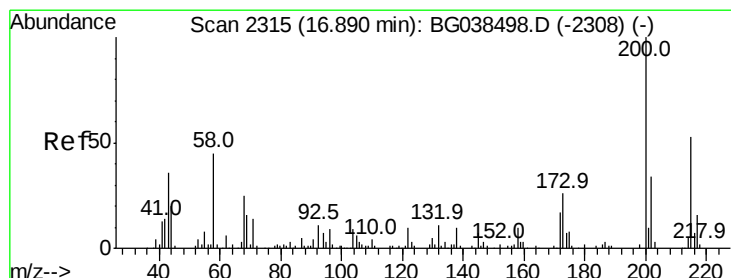
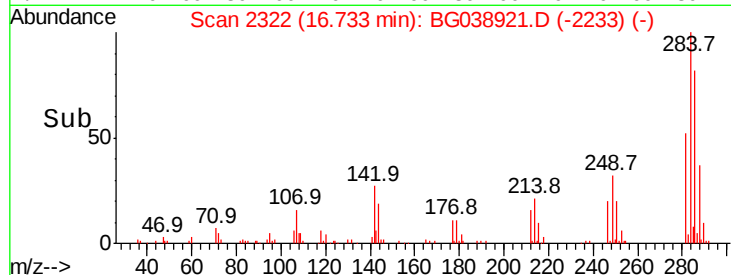
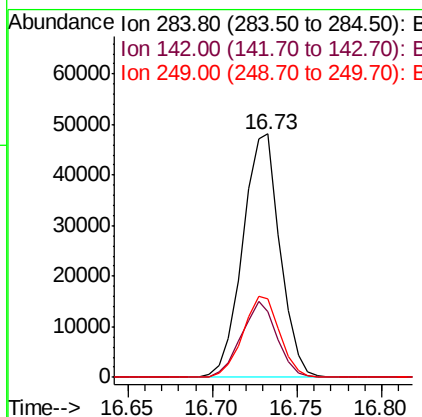
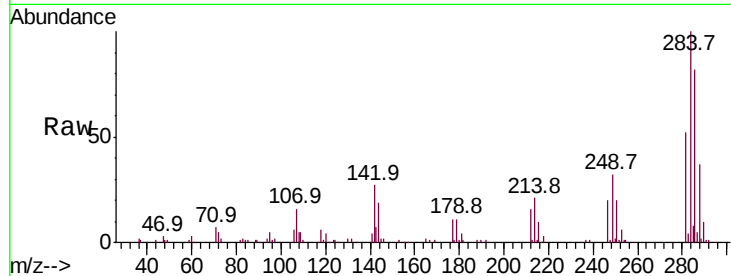
ClientSampleId :

PB116135BS

Tot Ion:	284	Resp:	73799
Ion Ratio	Lower	Upper	
284	100		
142	26.9	25.8	38.6
249	34.6	27.0	40.4

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM



#69

Atrazine

Concen: 36.810 ng

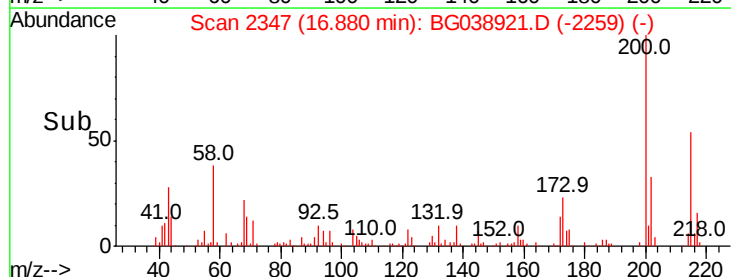
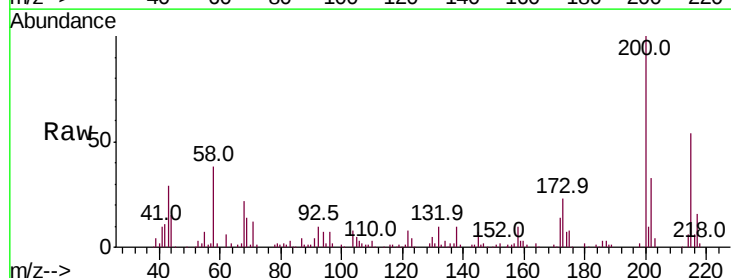
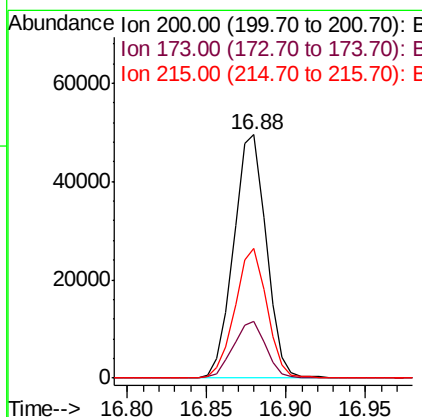
RT: 16.88 min Scan# 2347

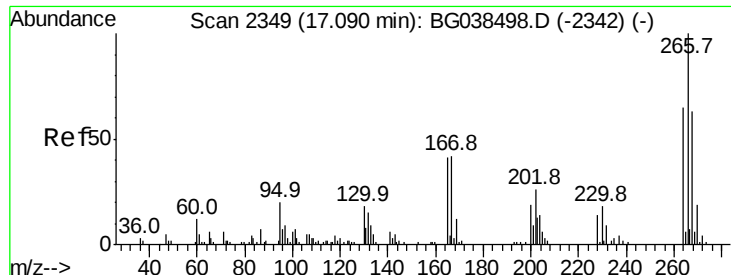
Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Tgt Ion:	200	Resp:	70554
Ion Ratio	Lower	Upper	
200	100		
173	23.4	5.9	45.9
215	53.5	33.1	73.1





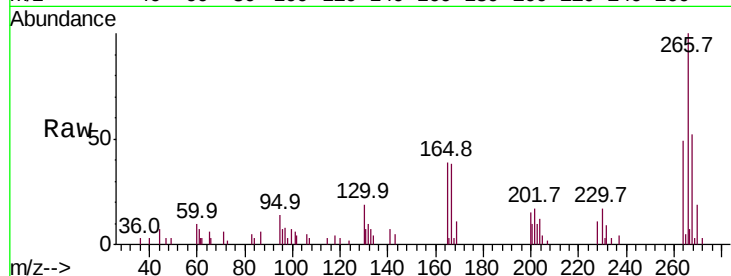
#70
 Pentachlorophenol
 Concen: 12.579 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	55.3	55.0	82.6
264	48.7	56.7	85.1

Manual Integrations
 APPROVED

Sohil
 1/4/2019 11:21:16 AM

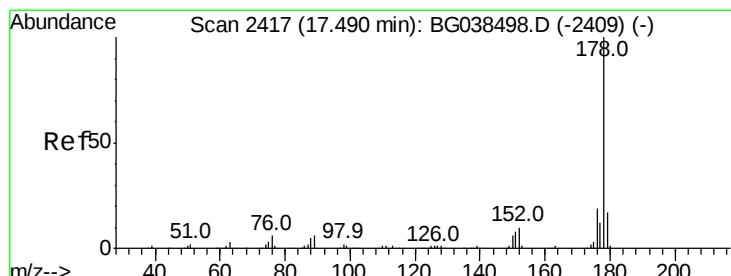
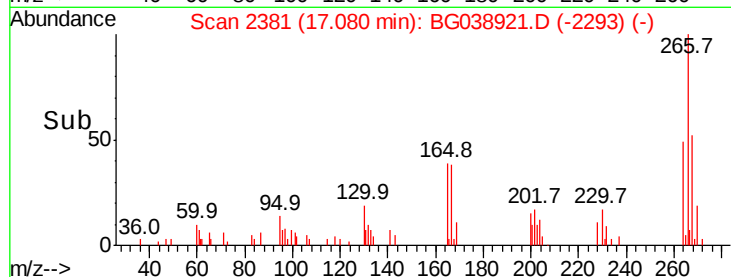
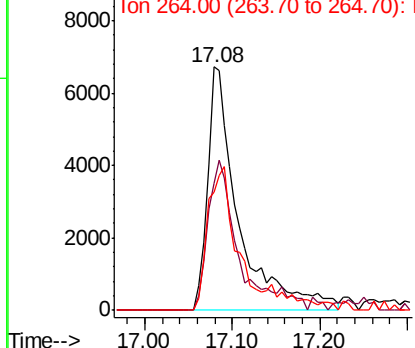


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 35.270 ng
 RT: 17.47 min Scan# 2448
 Delta R.T. -0.02 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

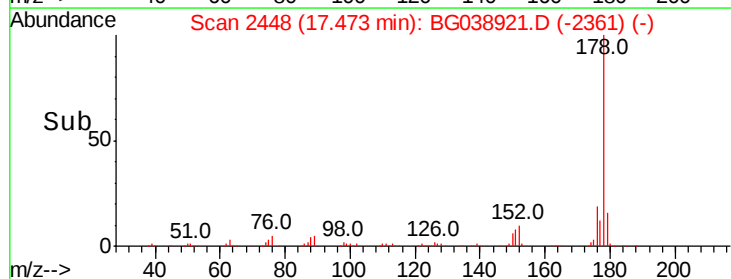
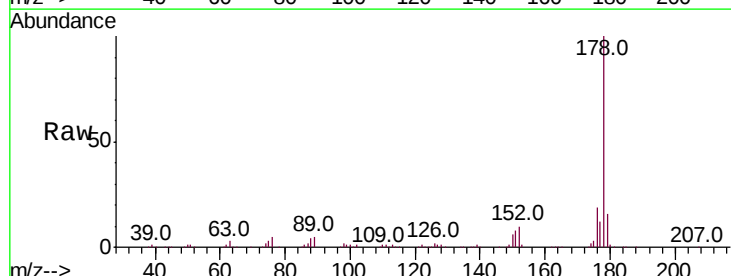
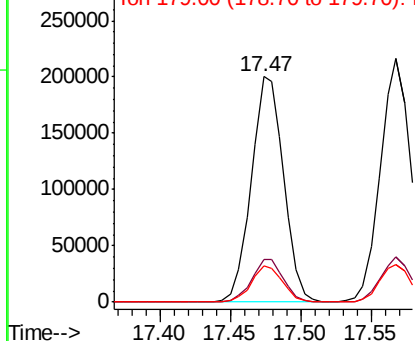
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.9	13.2	19.8

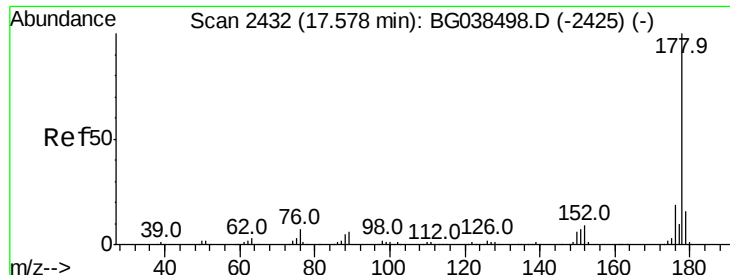
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 36.306 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

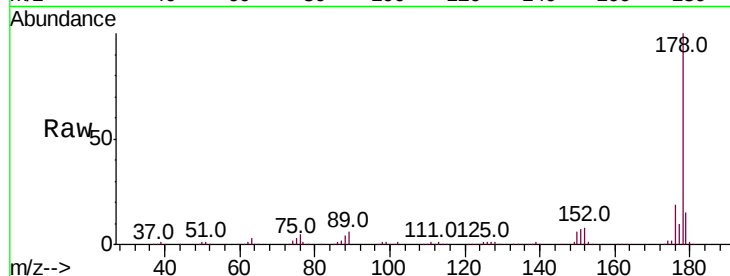
ClientSampleId :

PB116135BS

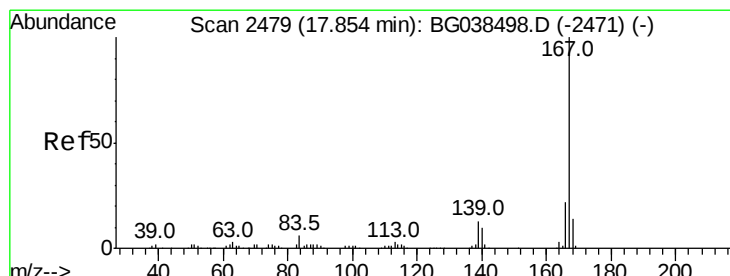
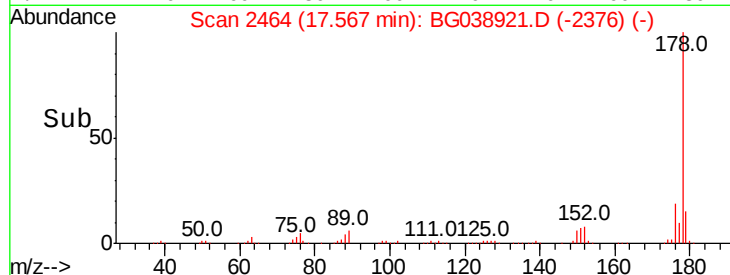
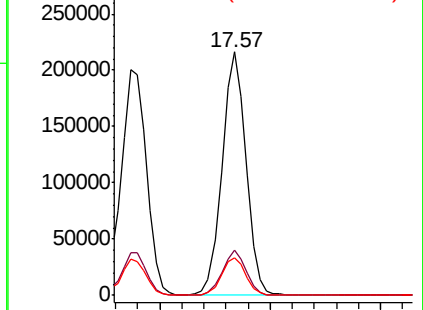
Tot Ion:	178	Resp:	326707
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.1	22.7
179	15.3	12.9	19.3

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 32.206 ng

RT: 17.84 min Scan# 2511

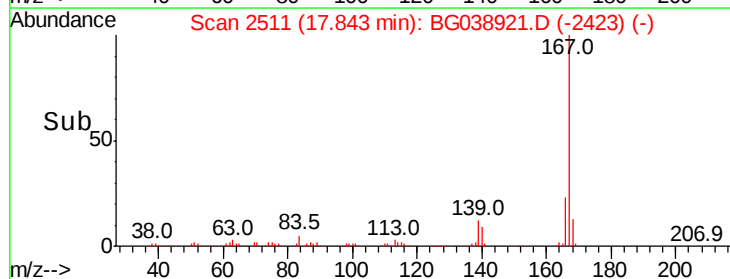
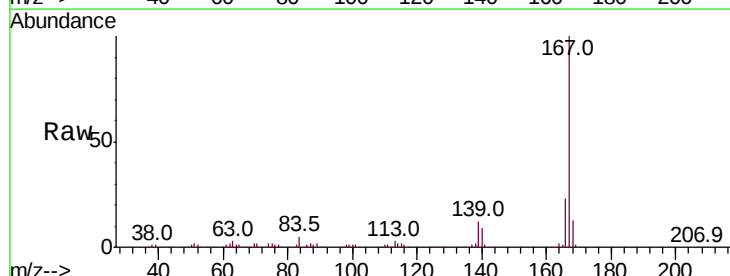
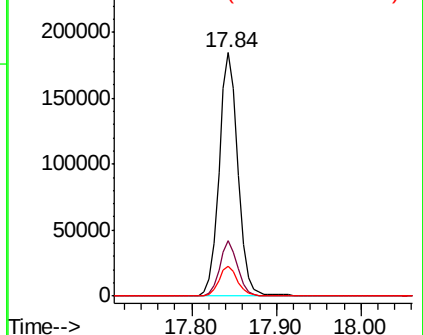
Delta R.T. -0.01 min

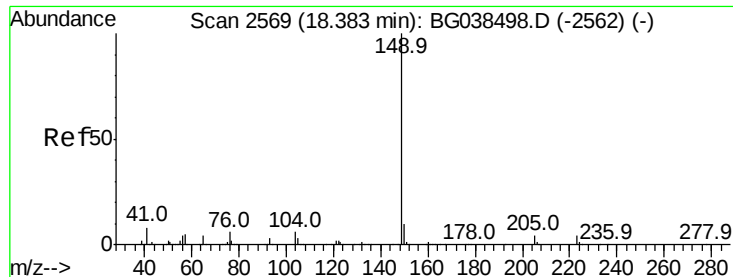
Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Tgt Ion:	167	Resp:	286623
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.9	26.9
139	12.1	10.2	15.2

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 32.966 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

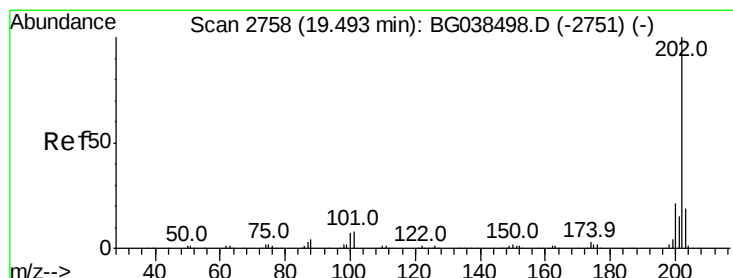
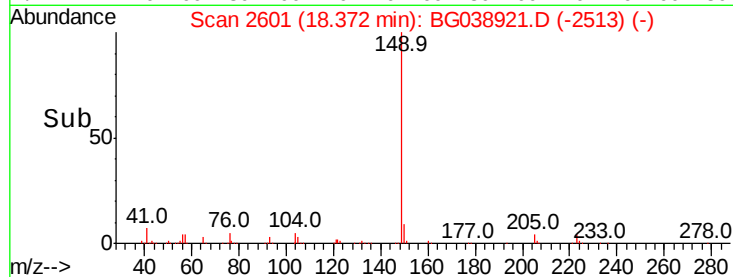
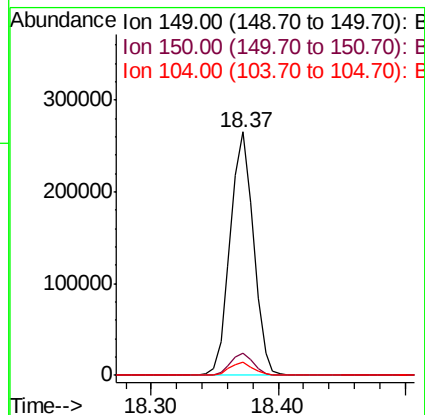
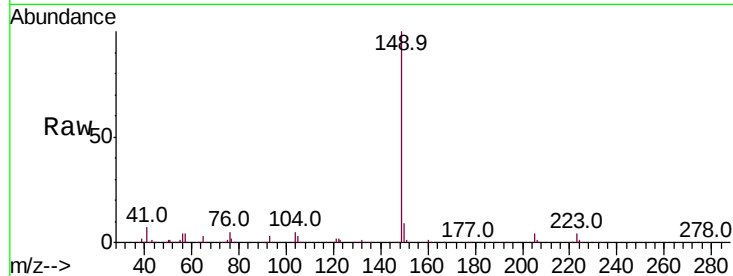
ClientSampleId :

PB116135BS

Tot Ion:	149	Resp:	336649
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	5.4	5.0	7.4

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM



#75

Fluoranthene

Concen: 35.856 ng

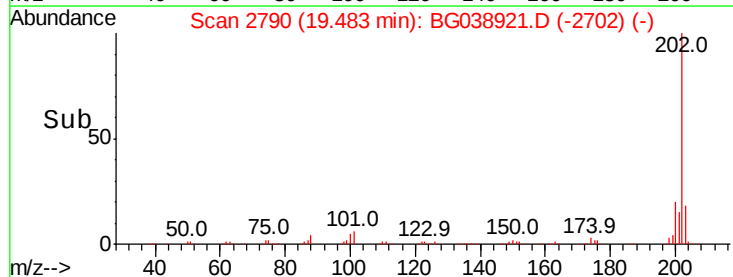
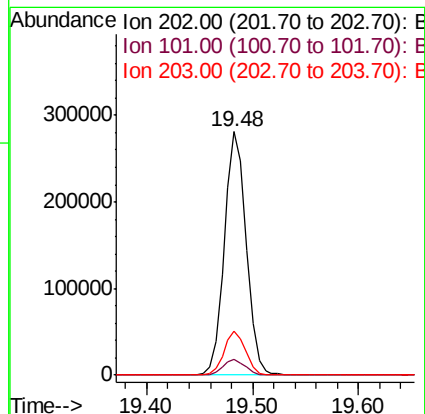
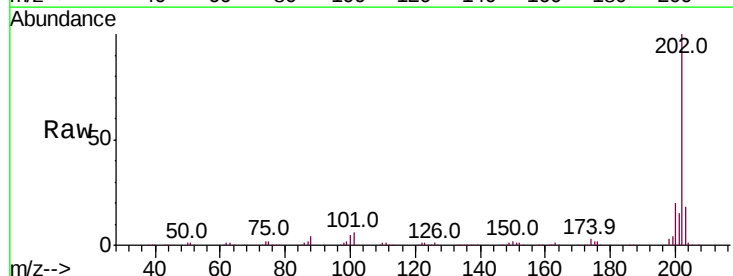
RT: 19.48 min Scan# 2790

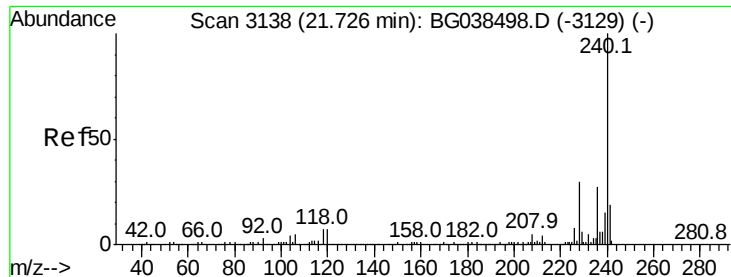
Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Tgt Ion:	202	Resp:	404390
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	28.1
203	18.0	0.0	39.0





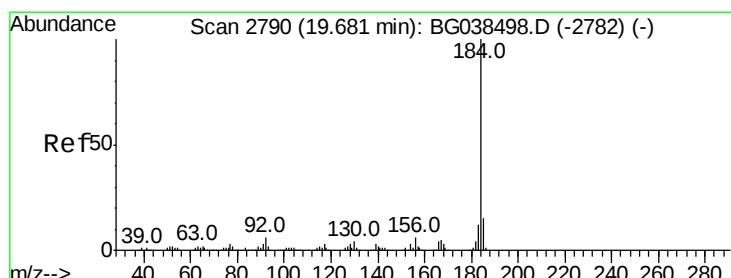
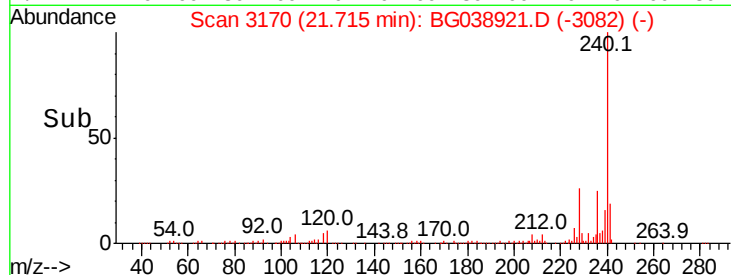
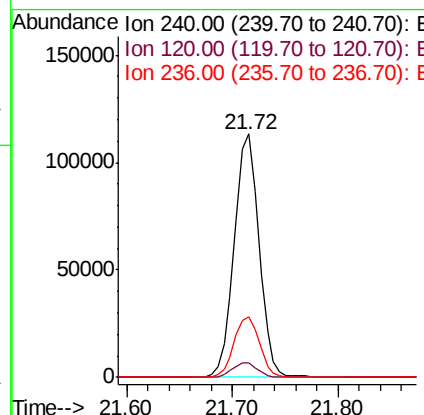
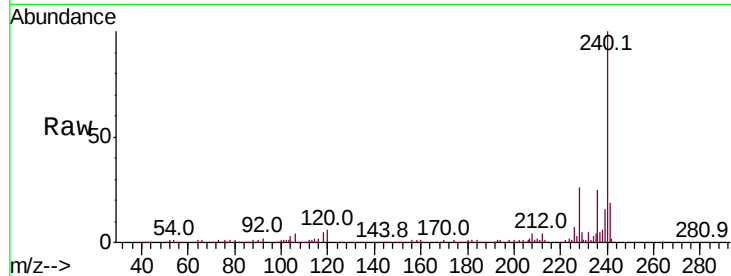
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	183638		
120	5.9		5.3	7.9
236	24.8		21.4	32.2

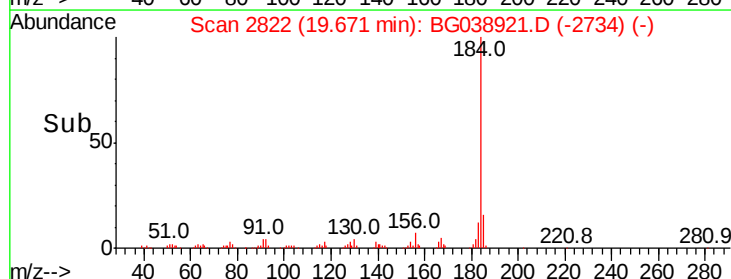
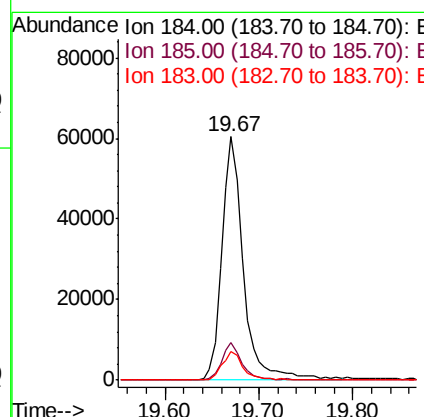
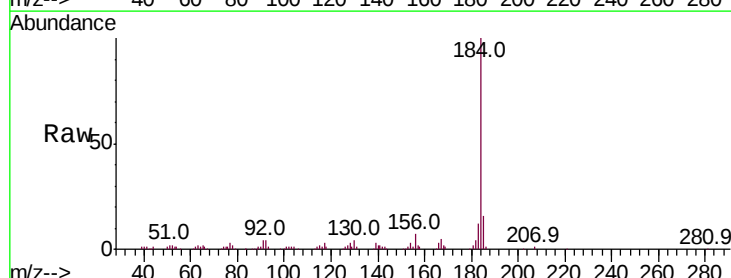
Manual Integrations
APPROVED

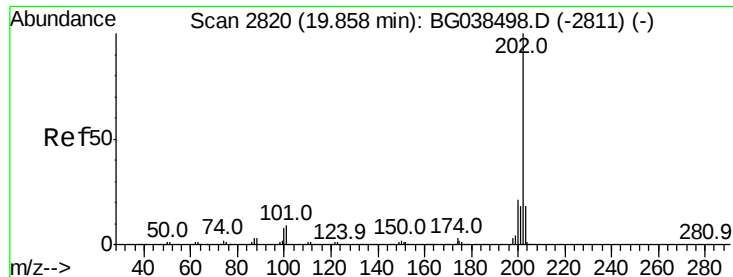
Sohil
1/4/2019 11:21:16 AM



#77
Benzidine
Concen: 17.875 ng
RT: 19.67 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	97077		
185	15.6		12.2	18.2
183	11.7		9.6	14.4





#78

Pvrene

Concen: 33.549 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

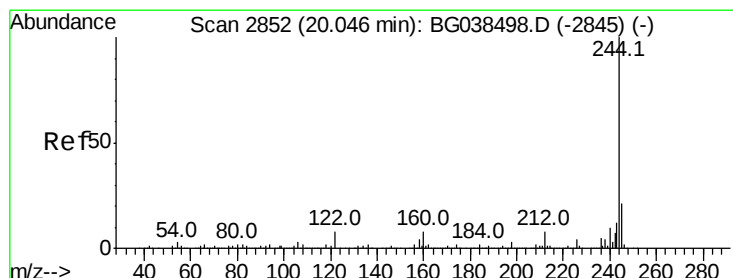
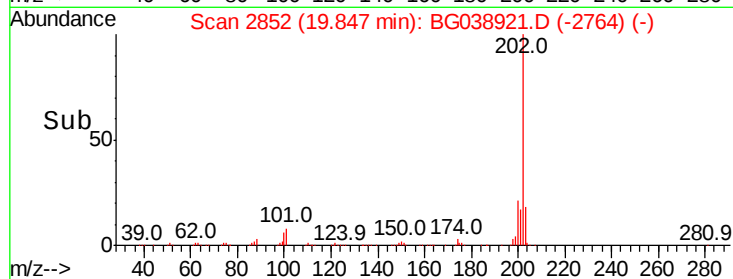
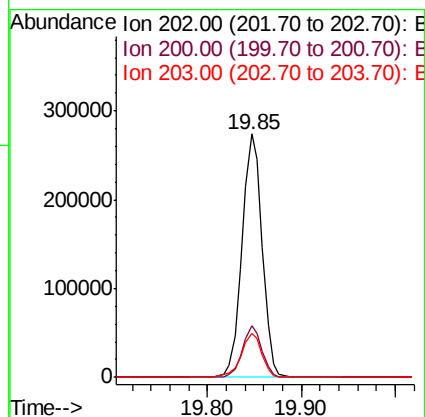
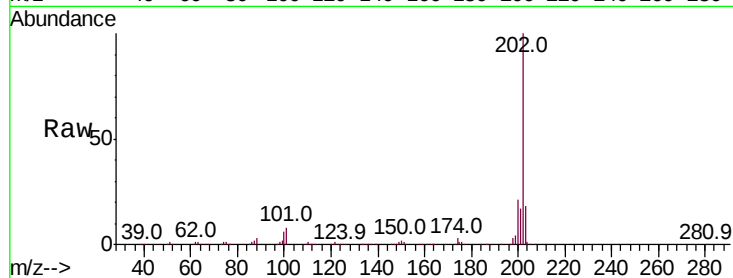
ClientSampleId :

PB116135BS

Tot Ion:	202	Resp:	407007
Ion Ratio		Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.9	14.6	21.8

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM



#79

Terphenyl-d14

Concen: 76.638 ng

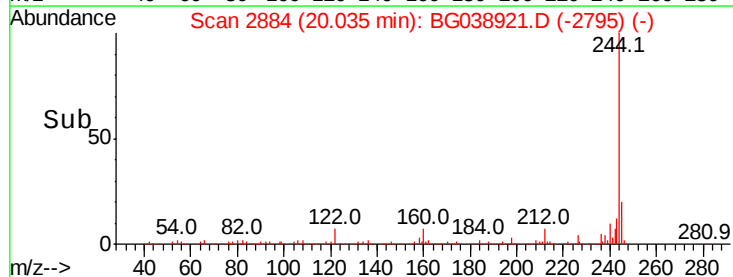
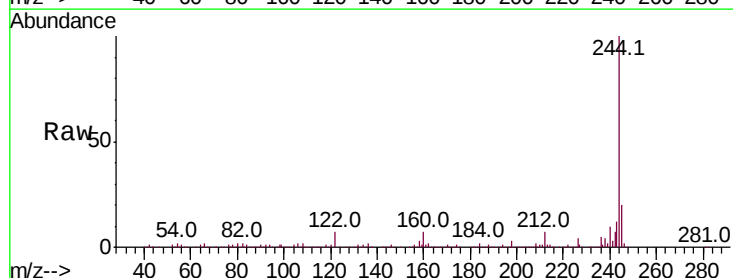
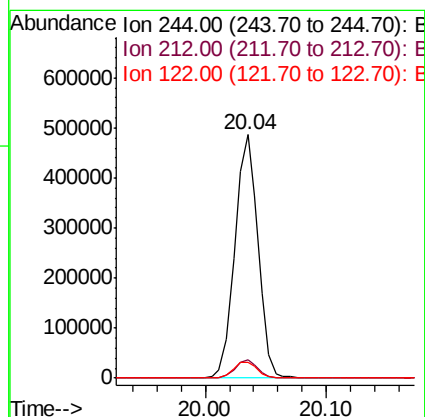
RT: 20.04 min Scan# 2884

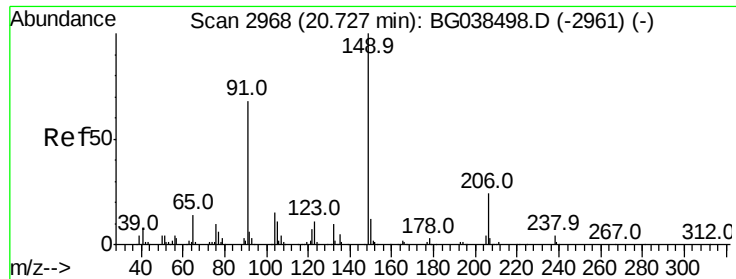
Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Tgt Ion:	244	Resp:	646669
Ion Ratio		Lower	Upper
244	100		
212	7.4	6.2	9.2
122	6.6	6.3	9.5





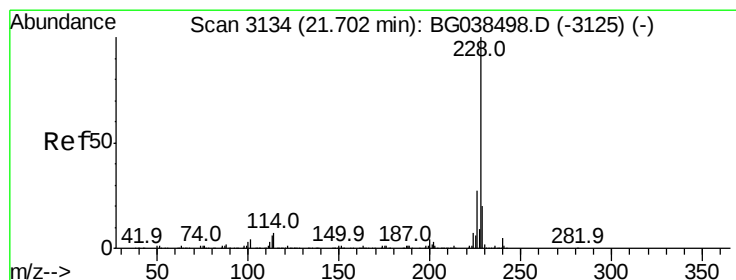
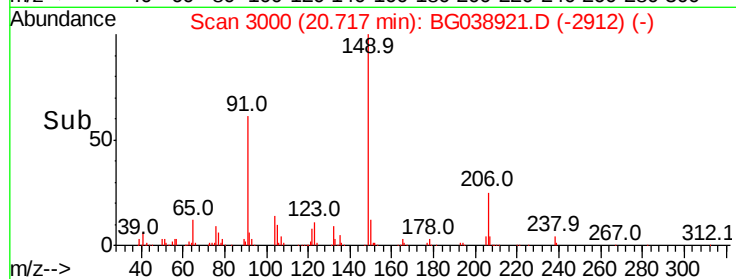
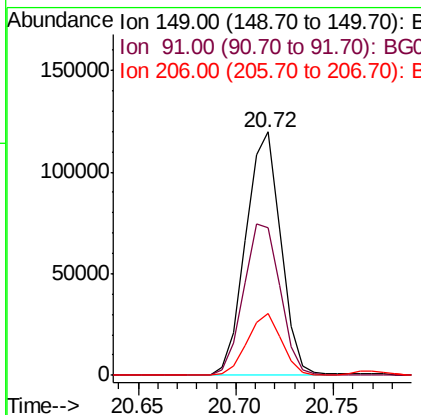
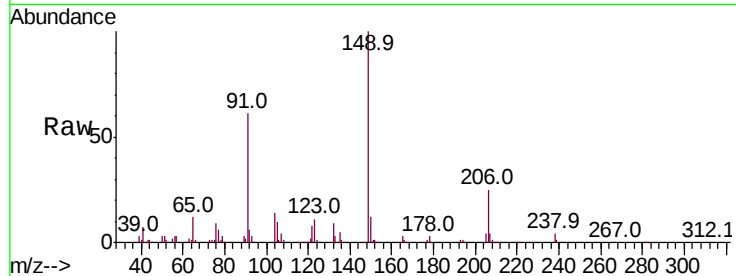
#80
Butylbenzylphthalate
Concen: 31.506 ng
RT: 20.72 min Scan# 3000
Delta R.T. -0.01 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	149330		
91	60.9	54.5	81.7	
206	25.2	19.0	28.6	

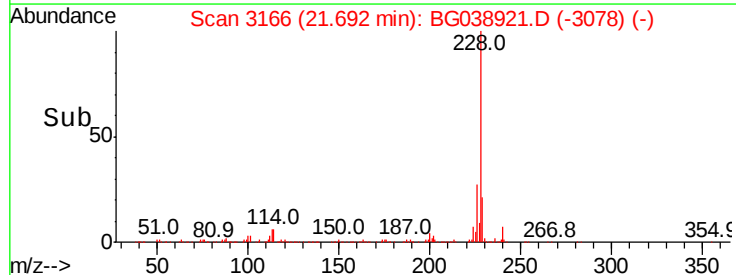
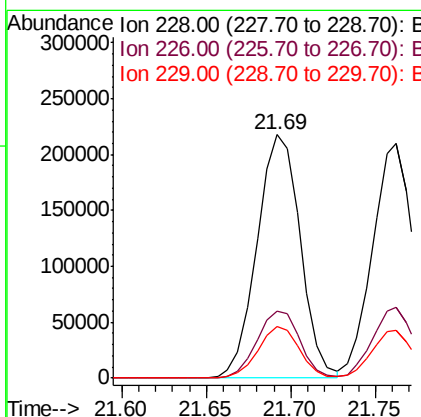
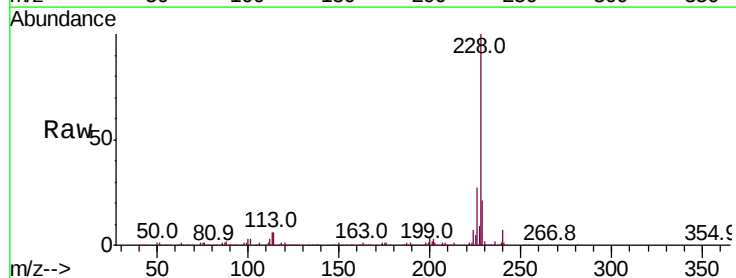
Manual Integrations
APPROVED

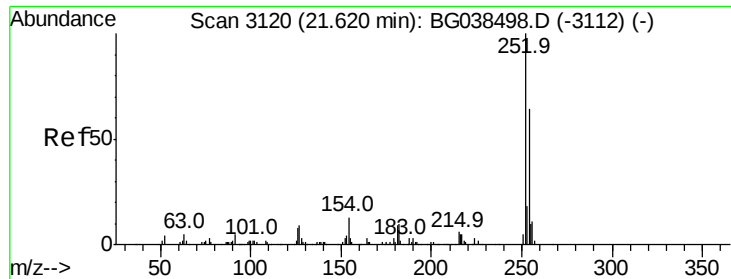
Sohil
1/4/2019 11:21:16 AM



#81
Benzo(a)anthracene
Concen: 34.645 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	387674		
226	27.3	21.8	32.8	
229	21.0	15.8	23.6	





#82

3,3'-Dichlorobenzidine

Concen: 15.160 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

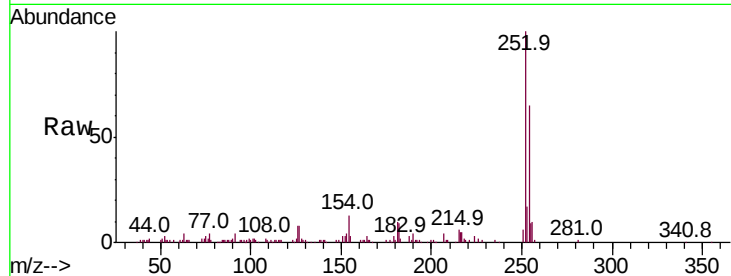
ClientSampleId :

PB116135BS

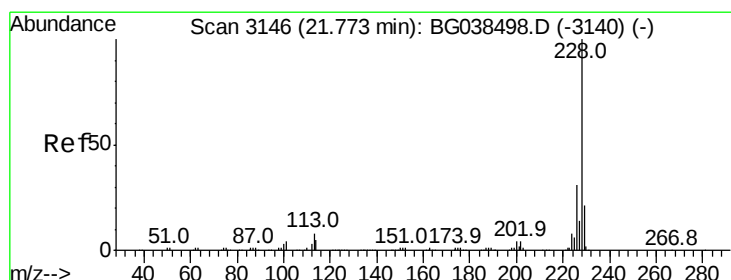
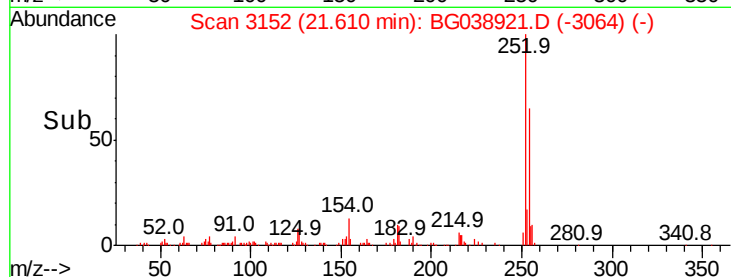
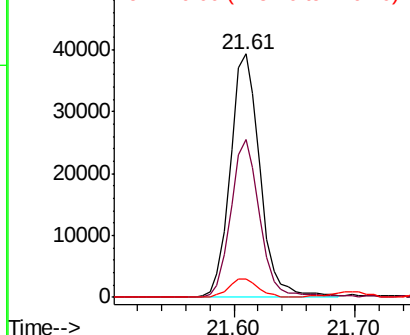
Tot Ion:	252	Resp:	67279
Ion Ratio	Lower	Upper	
252	100		
254	65.0	50.9	76.3
126	7.6	6.3	9.5

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM



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



#83

Chrysene

Concen: 33.153 ng

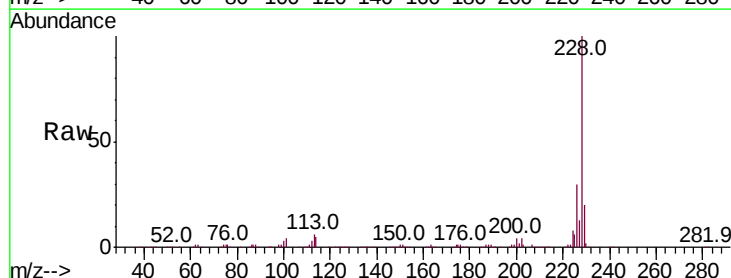
RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

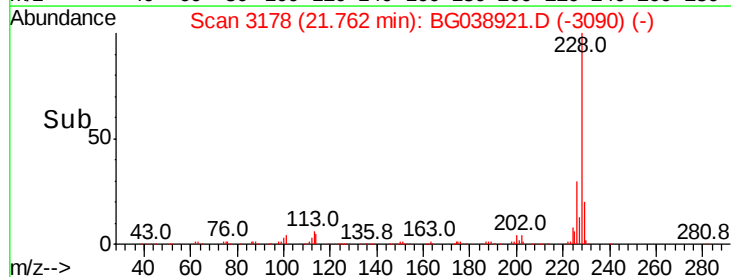
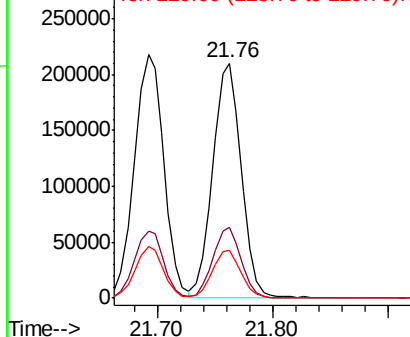
Lab File: BG038921.D

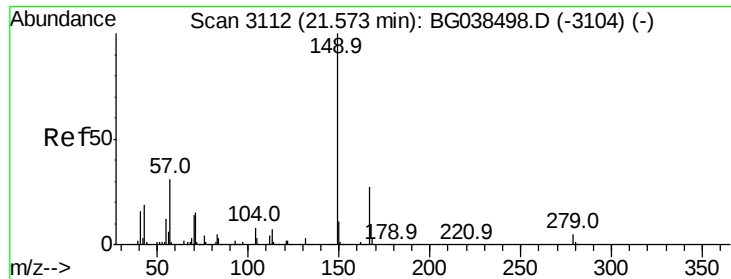
Acq: 4 Jan 2019 2:33

Tgt Ion:	228	Resp:	357324
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.4
229	20.3	16.5	24.7



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





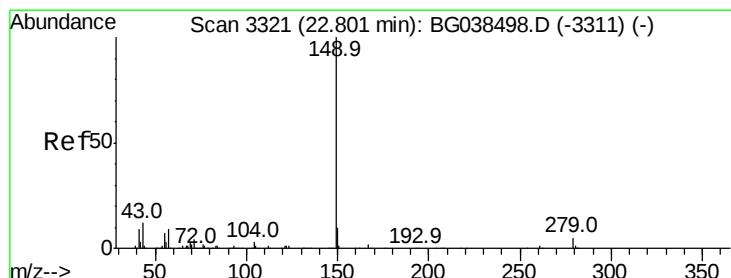
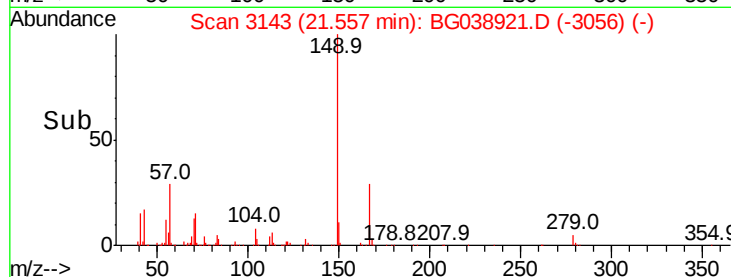
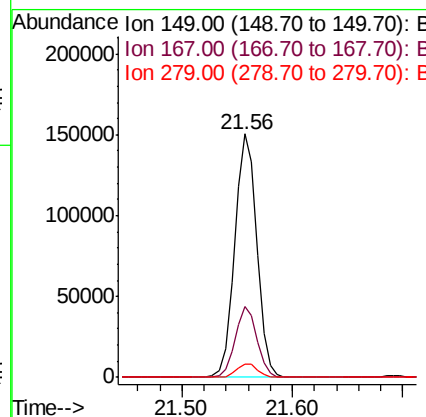
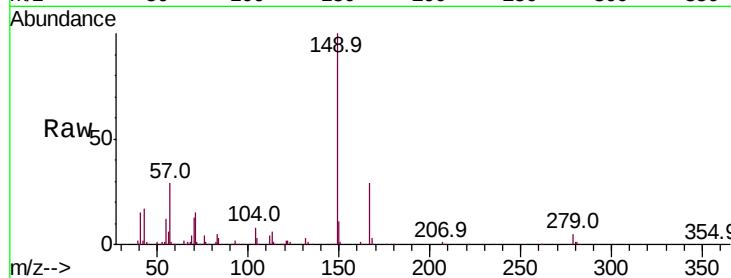
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 31.435 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.9	32.9
279	5.5	4.2	6.2

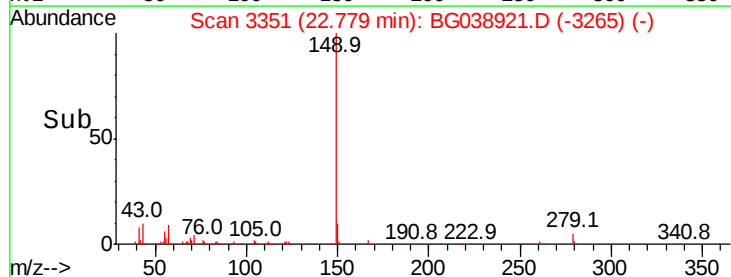
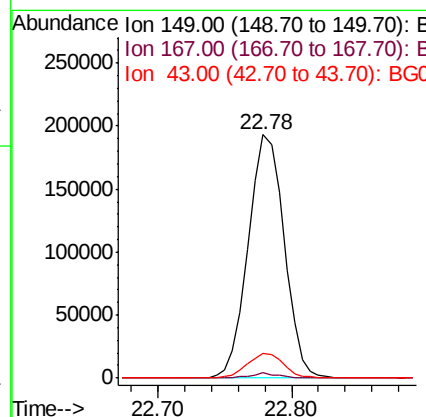
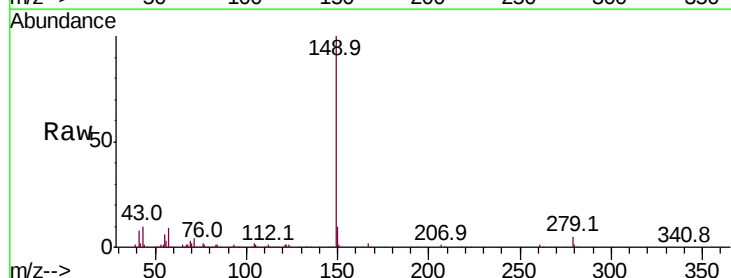
Manual Integrations
 APPROVED

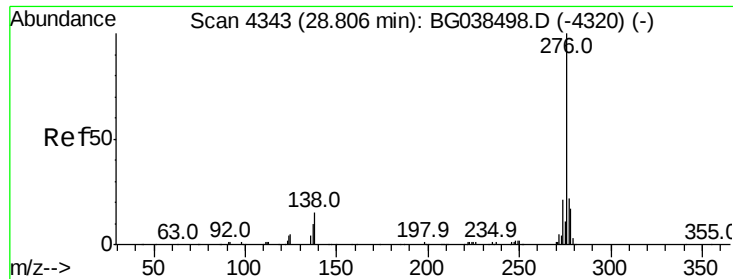
Sohil
 1/4/2019 11:21:16 AM



#85
 Di-n-octyl phthalate
 Concen: 31.975 ng
 RT: 22.78 min Scan# 3351
 Delta R.T. -0.02 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.2	9.3	13.9





#86

Indeno(1,2,3-cd)pyrene

Concen: 34.883 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.03 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Instrument :

BNA_G

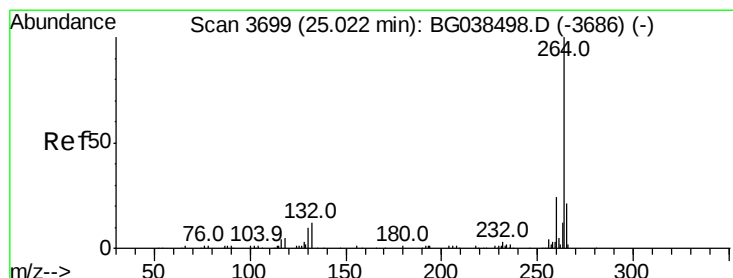
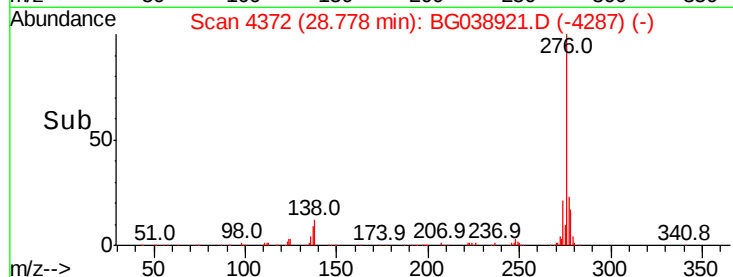
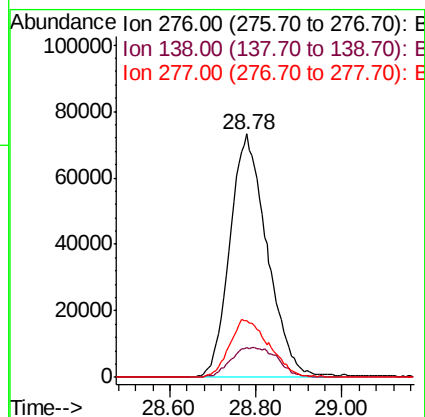
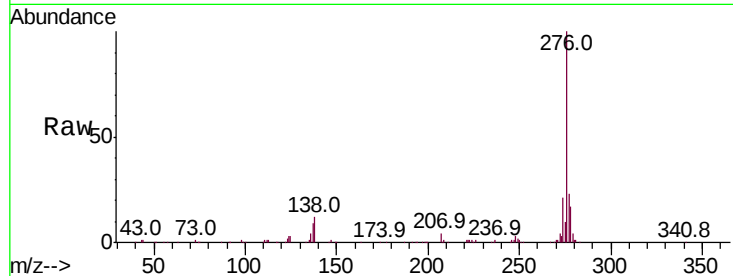
ClientSampleId :

PB116135BS

Tot Ion:	276	Resp:	442014
Ion Ratio	Lower	Upper	
276	100		
138	15.5	14.4	21.6
277	25.2	0.0	0.0#

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:16 AM



#87

Perylene-d12

Concen: 20.000 ng

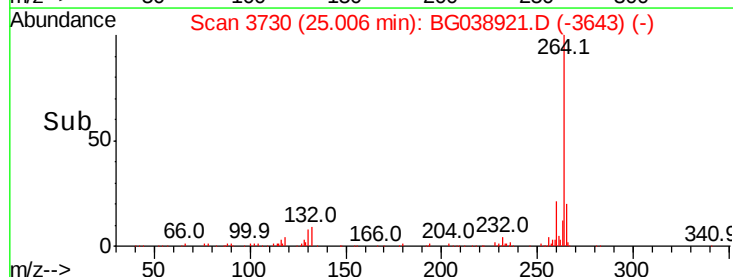
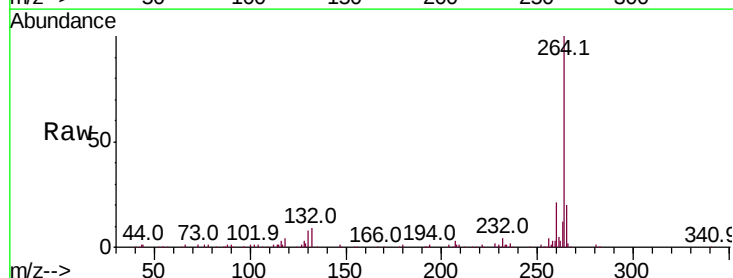
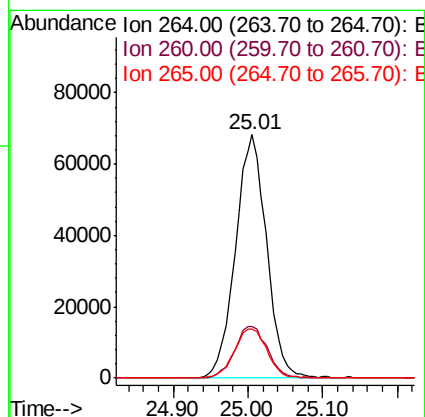
RT: 25.01 min Scan# 3730

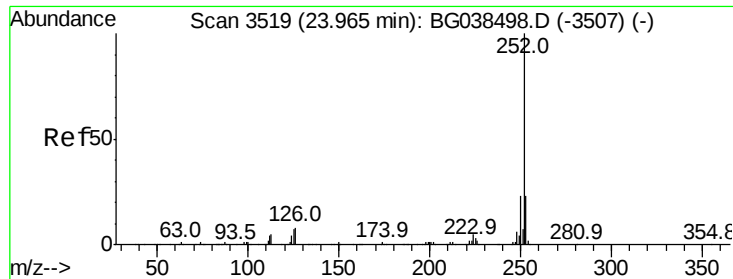
Delta R.T. -0.02 min

Lab File: BG038921.D

Acq: 4 Jan 2019 2:33

Tgt Ion:	264	Resp:	197198
Ion Ratio	Lower	Upper	
264	100		
260	21.0	18.9	28.3
265	20.2	17.0	25.4





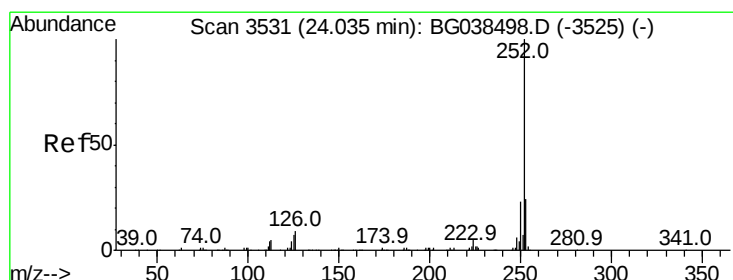
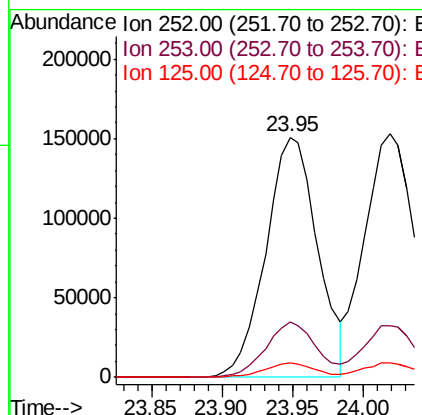
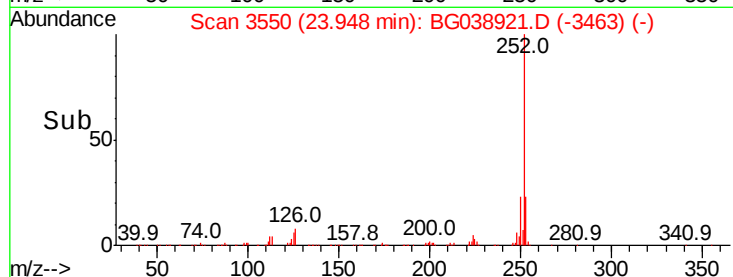
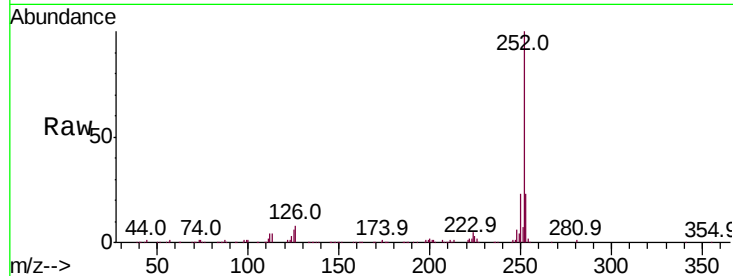
#88
Benzo(b)fluoranthene
Concen: 35.681 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	5.9	5.5	8.3

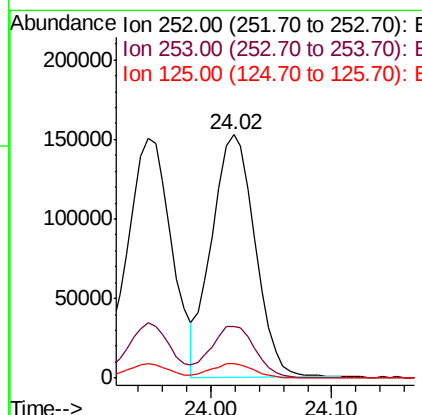
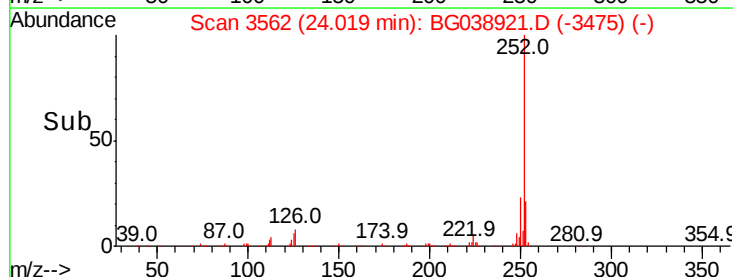
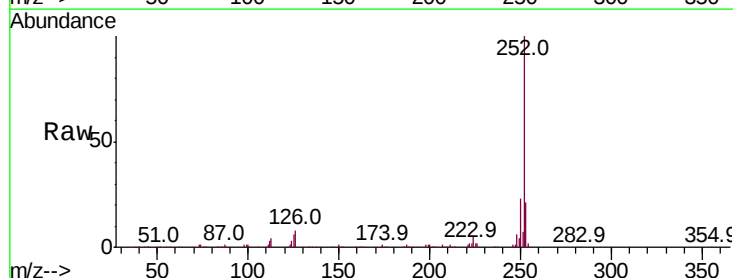
Manual Integrations
APPROVED

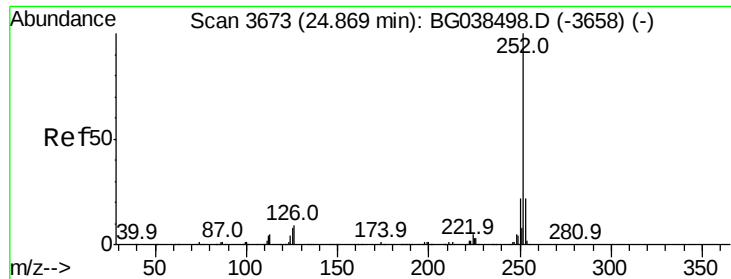
Sohil
1/4/2019 11:21:16 AM



#89
Benzo(k)fluoranthene
Concen: 35.204 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.9	28.3
125	5.9	5.4	8.2





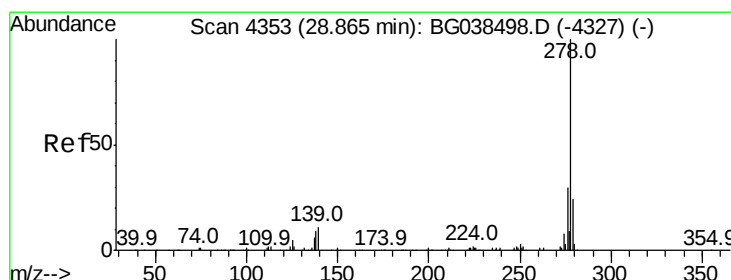
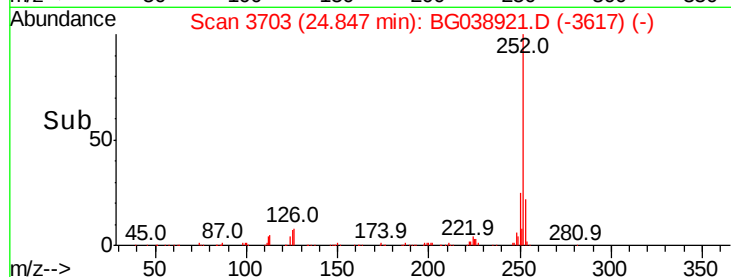
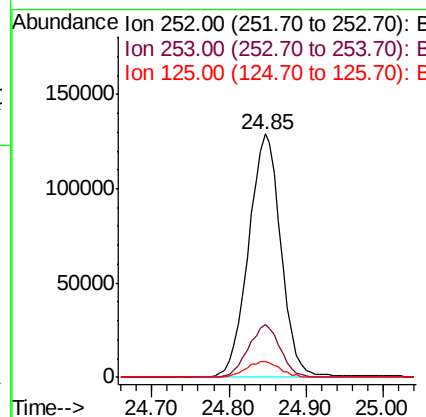
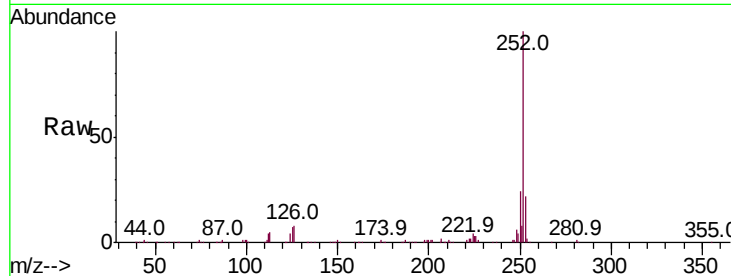
#90
Benzo(a)pyrene
Concen: 36.320 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	6.5	6.4	9.6

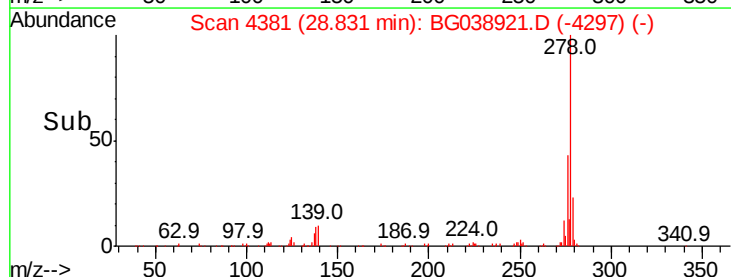
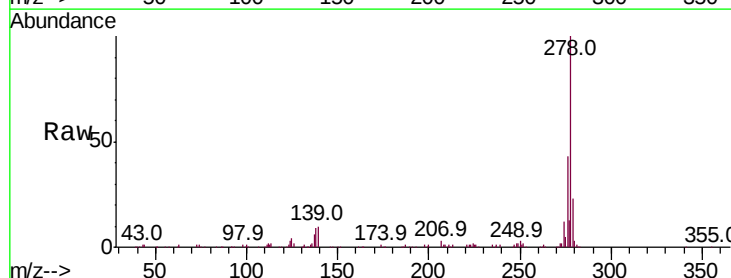
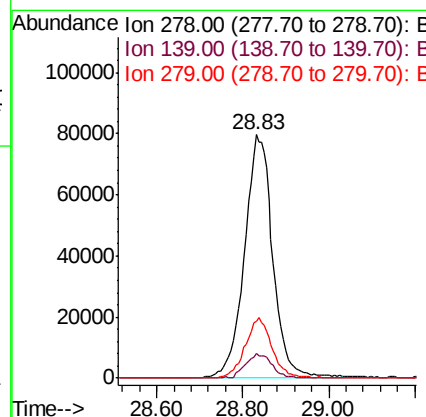
Manual Integrations
APPROVED

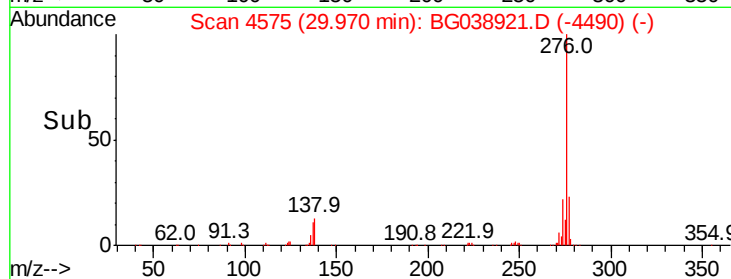
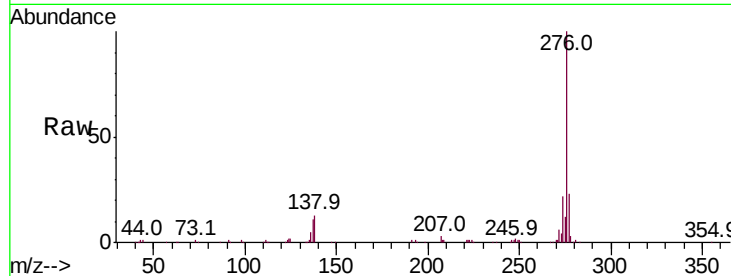
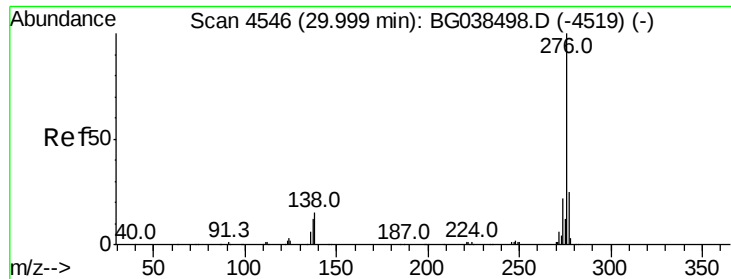
Sohil
1/4/2019 11:21:16 AM



#91
Dibenzo(a,h)anthracene
Concen: 35.370 ng
RT: 28.83 min Scan# 4381
Delta R.T. -0.03 min
Lab File: BG038921.D
Acq: 4 Jan 2019 2:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.6	12.8
279	23.4	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 35.883 ng
 RT: 29.97 min Scan# 4575
 Delta R.T. -0.03 min
 Lab File: BG038921.D
 Acq: 4 Jan 2019 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.8	29.8
138	12.7	11.8	17.6

Manual Integrations
 APPROVED

Sohil
 1/4/2019 11:21:16 AM

