

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
 Data File : BG038134.D
 Acq On : 22 Nov 2018 2:10
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC0040EC

Manual Integrations
 APPROVED

mohammad
 11/23/2018 11:50:22 AM

Quant Time: Nov 22 02:46:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	53925	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	237178	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	141036	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	317219	20.00	ng	0.00
76) Chrysene-d12	21.75	240	291108	20.00	ng	0.00
87) Perylene-d12	25.08	264	313354	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	256525	82.13	ng	0.00
7) Phenol-d6	7.23	99	370672	83.14	ng	0.00
23) Nitrobenzene-d5	9.27	82	374195	84.45	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	127975	79.56	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	793761	81.99	ng	0.00
79) Terphenyl-d14	20.07	244	1016194	82.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	55118	37.362	ng	99
3) Pyridine	3.92	79	160947	38.246	ng	98
4) n-Nitrosodimethylamine	3.84	42	68812	45.072	ng	# 93
6) Aniline	7.42	93	231510	40.234	ng	99
8) 2-Chlorophenol	7.64	128	150315	41.477	ng	99
9) Benzaldehyde	7.23	77	122153	37.887	ng	98
10) Phenol	7.26	94	195083	41.311	ng	97
11) bis(2-Chloroethyl)ether	7.50	93	160331	41.588	ng	97
12) 1,3-Dichlorobenzene	7.97	146	169212	40.530	ng	97
13) 1,4-Dichlorobenzene	8.12	146	172242	40.841	ng	97
14) 1,2-Dichlorobenzene	8.44	146	160925	39.967	ng	97
15) Benzyl Alcohol	8.33	79	142731	44.245	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	324076	45.270	ng	97
17) 2-Methylphenol	8.52	107	133750	41.893	ng	98
18) Hexachloroethane	9.17	117	63483	41.361	ng	98
19) n-Nitroso-di-n-propylamine	8.89	70	130286	40.387	ng	96
20) 3+4-Methylphenols	8.85	107	187861	41.508	ng	98
22) Acetophenone	8.91	105	237207	40.197	ng	# 99
24) Nitrobenzene	9.31	77	193539	42.701	ng	99
25) Isophorone	9.82	82	320167	40.147	ng	97
26) 2-Nitrophenol	10.02	139	94863	41.924	ng	97
27) 2,4-Dimethylphenol	10.06	122	141311	41.450	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	210148	41.210	ng	97
29) 2,4-Dichlorophenol	10.54	162	158927	41.444	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	173482	40.372	ng	99
31) Naphthalene	10.96	128	463652	39.745	ng	99
32) Benzoic acid	10.19	122	65295m	34.435	ng	
33) 4-Chloroaniline	11.07	127	214740	39.573	ng	99
34) Hexachlorobutadiene	11.22	225	106983	40.452	ng	94
35) Caprolactam	11.87	113	59637	38.854	ng	92
36) 4-Chloro-3-methylphenol	12.17	107	173002	41.295	ng	98
37) 2-Methylnaphthalene	12.55	142	333087	39.750	ng	96
38) 1-Methylnaphthalene	12.77	142	319789	39.647	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	196491	41.693	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
 Data File : BG038134.D
 Acq On : 22 Nov 2018 2:10
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDC0040EC

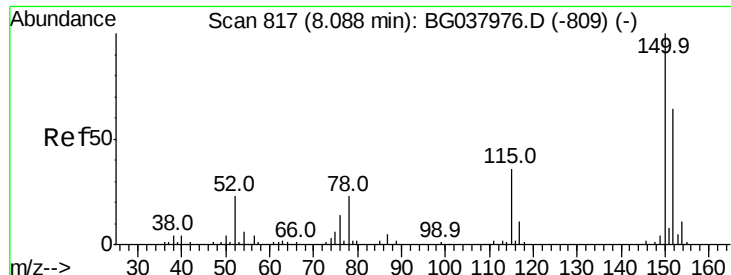
Manual Integrations
 APPROVED

mohammad
 11/23/2018 11:50:22 AM

Quant Time: Nov 22 02:46:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	97979	38.825	ng	99
43) 2,4,6-Trichlorophenol	13.16	196	132525	41.266	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	135879	40.212	ng	94
46) 1,1'-Biphenyl	13.56	154	487806	41.170	ng	99
47) 2-Chloronaphthalene	13.60	162	370057	40.929	ng	99
48) 2-Nitroaniline	13.81	65	126747	44.541	ng	97
49) Acenaphthylene	14.45	152	558971	41.112	ng	100
50) Dimethylphthalate	14.17	163	452034	40.429	ng	99
51) 2,6-Dinitrotoluene	14.30	165	105716	41.776	ng	95
52) Acenaphthene	14.79	154	336173	41.070	ng	98
53) 3-Nitroaniline	14.64	138	113951	40.808	ng	# 98
54) 2,4-Dinitrophenol	14.84	184	27488	27.075	ng	93
55) Dibenzofuran	15.12	168	547575	40.457	ng	97
56) 4-Nitrophenol	14.93	139	74246	34.475	ng	93
57) 2,4-Dinitrotoluene	15.09	165	145332	42.210	ng	97
58) Fluorene	15.76	166	405611	40.165	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	114415	40.465	ng	98
60) Diethylphthalate	15.52	149	485144	40.851	ng	98
61) 4-Chlorophenyl-phenylether	15.75	204	236207	39.974	ng	99
62) 4-Nitroaniline	15.80	138	118397	42.682	ng	96
63) Azobenzene	16.05	77	448656	42.253	ng	96
65) 4,6-Dinitro-2-methylphenol	15.85	198	62899	31.349	ng	96
66) n-Nitrosodiphenylamine	15.97	169	400230	41.705	ng	98
67) 4-Bromophenyl-phenylether	16.65	248	145110	41.677	ng	97
68) Hexachlorobenzene	16.76	284	145835	40.579	ng	98
69) Atrazine	16.92	200	147907	41.809	ng	100
70) Pentachlorophenol	17.11	266	95785	39.243	ng	94
71) Phenanthrene	17.51	178	666388	41.031	ng	99
72) Anthracene	17.60	178	658460	41.129	ng	99
73) Carbazole	17.87	167	669775	41.699	ng	100
74) Di-n-butylphthalate	18.41	149	766656	42.520	ng	99
75) Fluoranthene	19.52	202	765231	41.297	ng	99
77) Benzidine	19.70	184	389951	38.175	ng	99
78) Pyrene	19.88	202	782973	41.138	ng	99
80) Butylbenzylphthalate	20.75	149	357334	42.931	ng	98
81) Benzo(a)anthracene	21.73	228	733830	41.714	ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	278579	40.653	ng	98
83) Chrysene	21.80	228	695143	41.300	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	504960	42.541	ng	100
85) Di-n-octyl phthalate	22.84	149	841546	43.823	ng	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	745001	39.853	ng	# 91
88) Benzo(b)fluoranthene	24.01	252	704998	40.884	ng	99
89) Benzo(k)fluoranthene	24.08	252	716338	42.099	ng	96
90) Benzo(a)pyrene	24.92	252	699804	42.464	ng	99
91) Dibenzo(a,h)anthracene	28.95	278	608528	38.377	ng	96
92) Benzo(g,h,i)perylene	30.08	276	591117	37.493	ng	99

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



#1

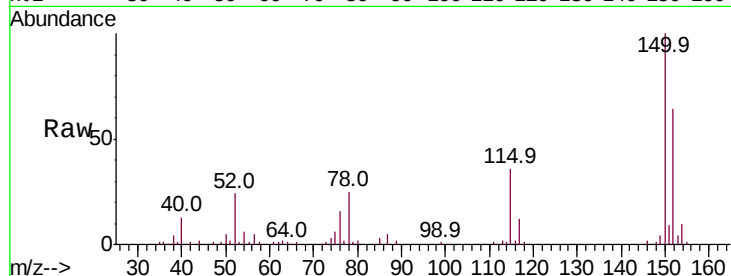
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.0	189.0
115	56.0	45.5	68.3

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



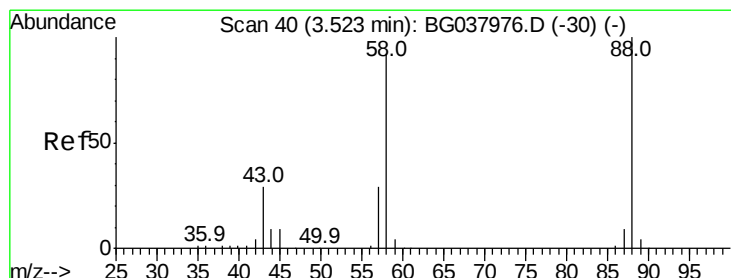
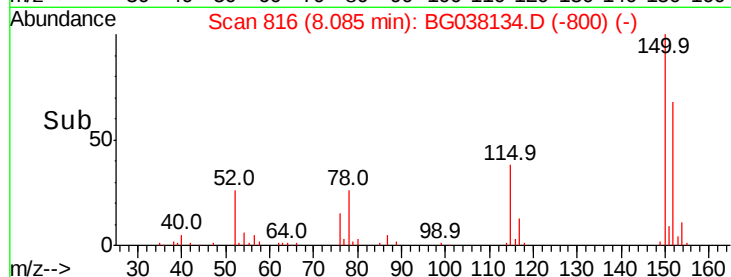
Abundance

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

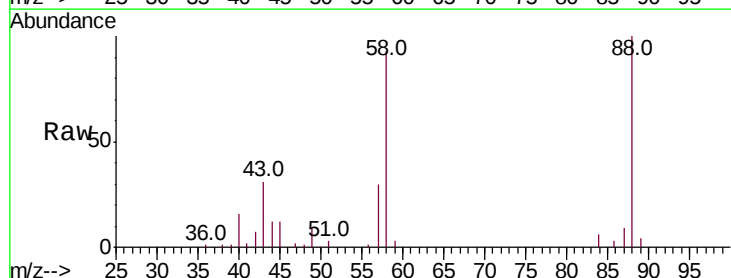
Time-->



#2

1,4-Dioxane
Concen: 37.362 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.0	74.4	111.6
43	32.6	25.8	38.8



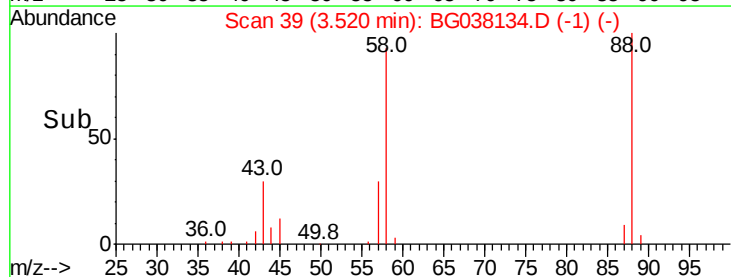
Abundance

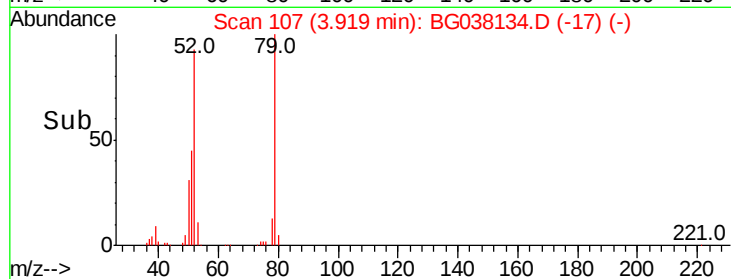
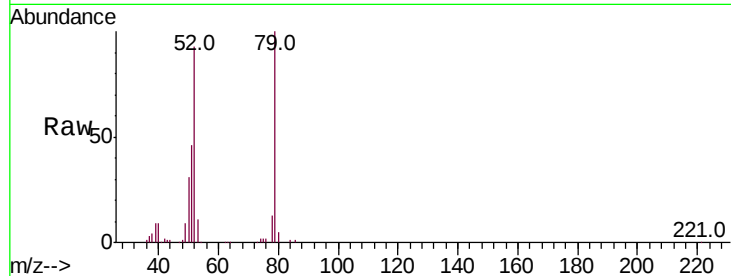
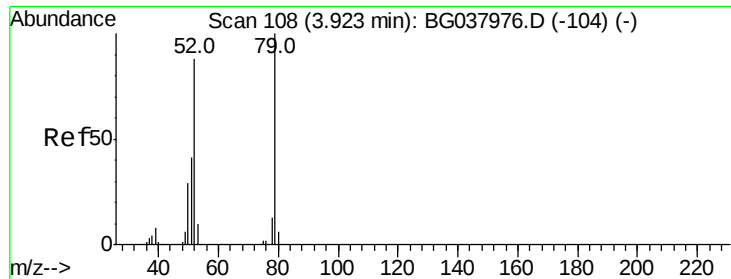
Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Time-->





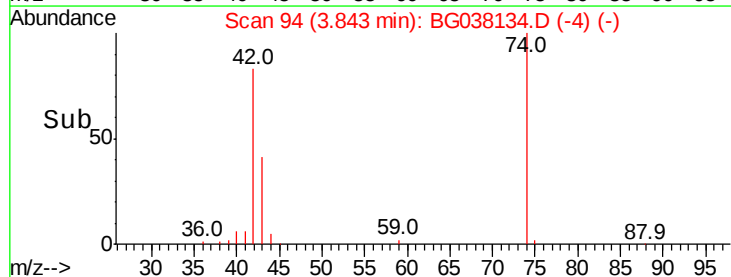
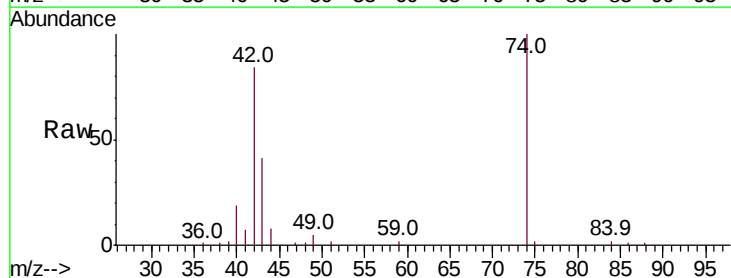
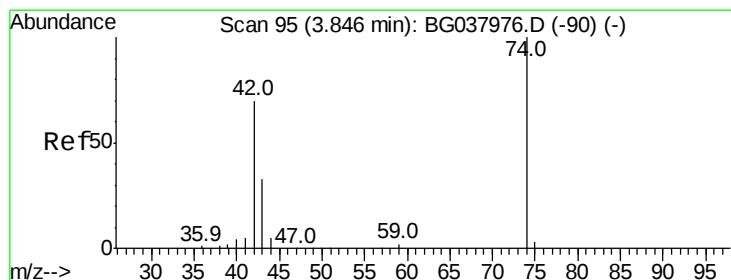
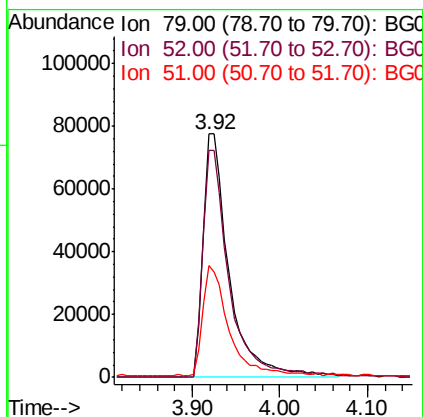
#3
Pvridine
Concen: 38.246 ng
RT: 3.92 min Scan# 107
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tot Ion	Ratio	Lower	Upper
79	100		
52	93.4	74.2	111.2
51	45.9	34.6	51.8

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

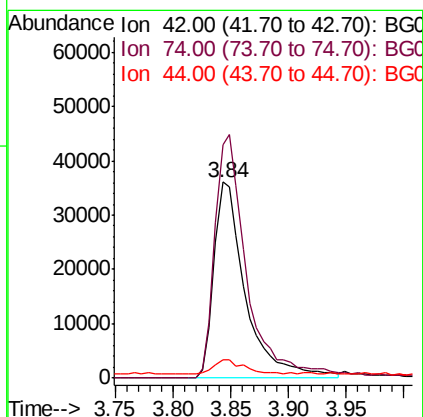
Manual Integrations
APPROVED

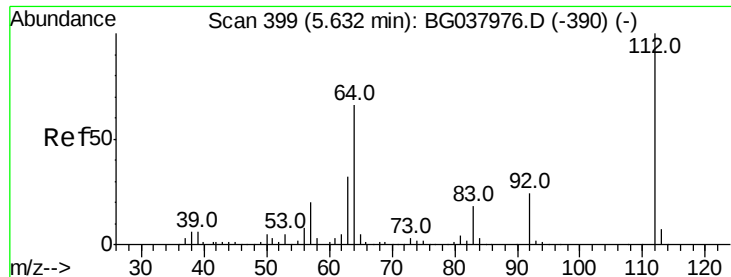
mohammad
11/23/2018 11:50:22 AM



#4
n-Nitrosodimethylamine
Concen: 45.072 ng
RT: 3.84 min Scan# 94
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.4	102.0	153.0
44	9.5	9.6	14.4#





#5

2-Fluorophenol

Concen: 82.134 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

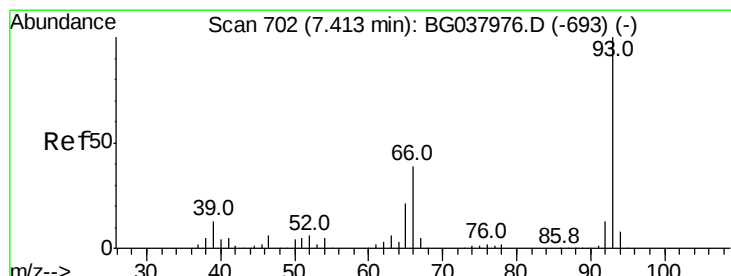
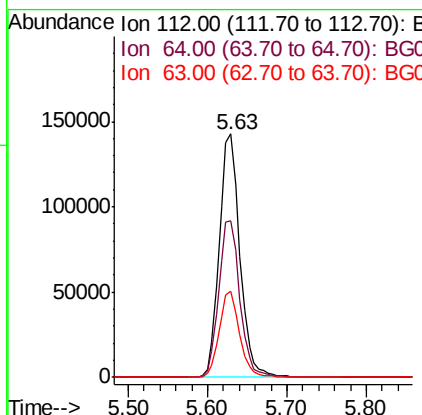
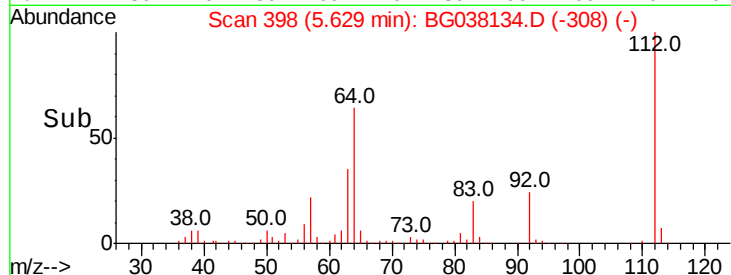
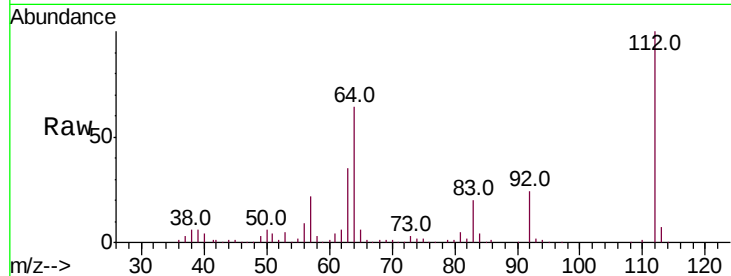
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	256525
Ion Ratio	Lower	Upper	
112	100		
64	64.2	53.1	79.7
63	35.3	27.3	40.9

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



#6

Aniline

Concen: 40.234 ng

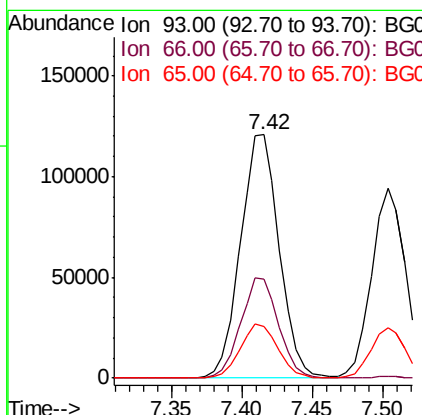
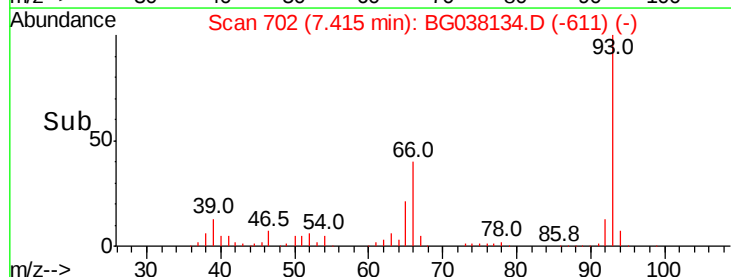
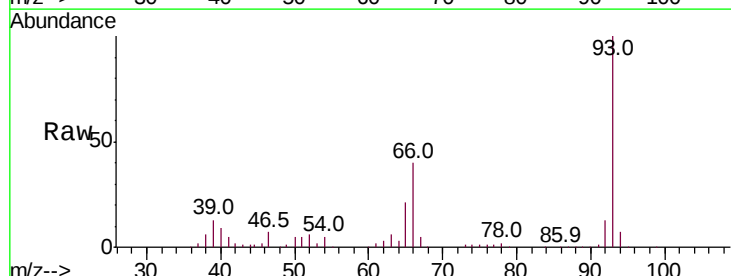
RT: 7.42 min Scan# 702

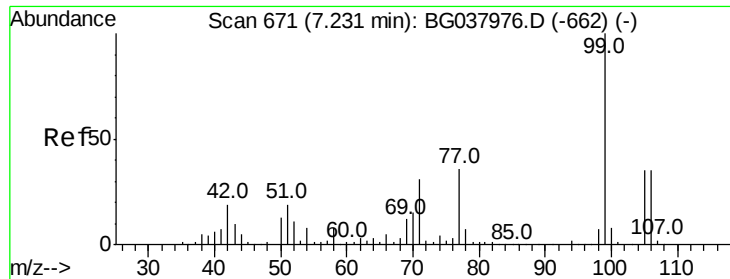
Delta R.T. 0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Tgt Ion:	93	Resp:	231510
Ion Ratio	Lower	Upper	
93	100		
66	40.5	32.8	49.2
65	21.2	16.4	24.6





#7

Phenol-d6

Concen: 83.143 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 370672

Ion Ratio Lower Upper

99 100

42 20.7 15.0 22.4

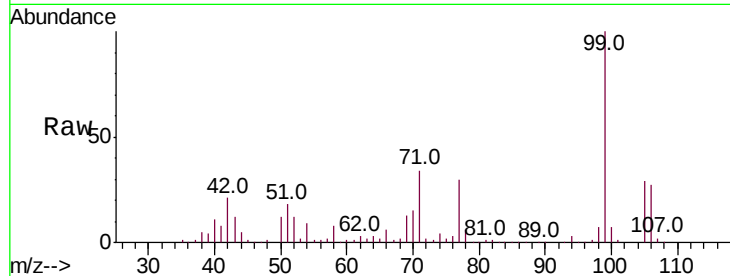
71 33.7 25.5 38.3

Manual Integrations

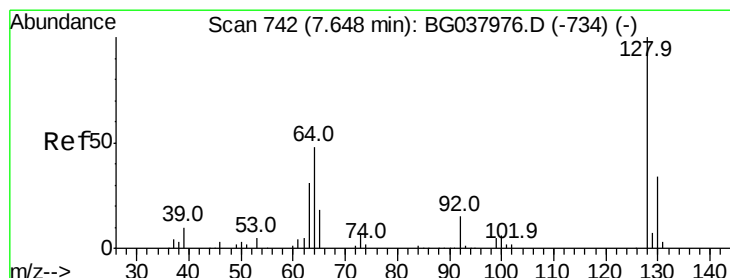
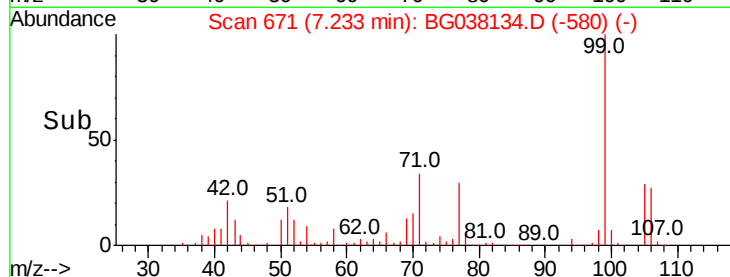
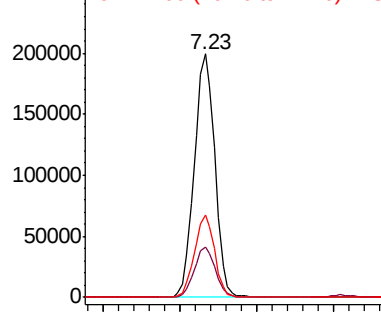
APPROVED

mohammad

11/23/2018 11:50:22 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: 41.477 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

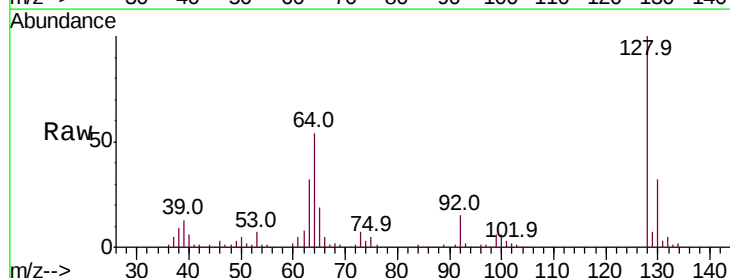
Tgt Ion: 128 Resp: 150315

Ion Ratio Lower Upper

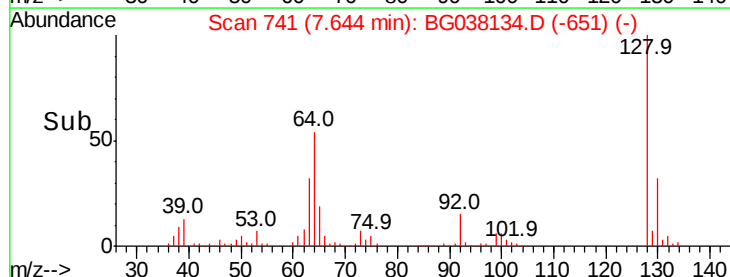
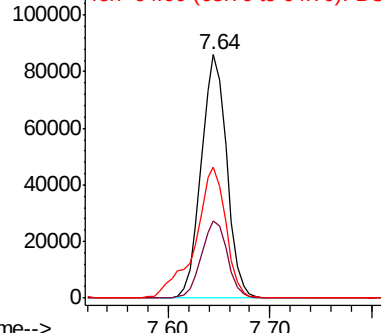
128 100

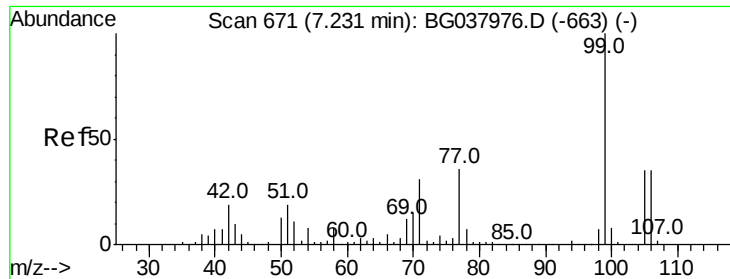
130 31.6 12.0 52.0

64 53.9 32.9 72.9



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: 37.887 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 122153

Ion Ratio Lower Upper

77 100

105 94.5 72.6 112.6

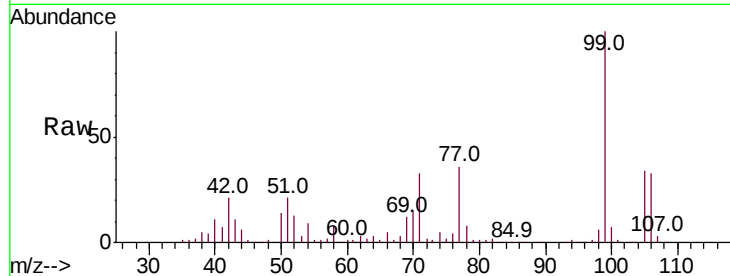
106 92.5 71.3 111.3

Manual Integrations

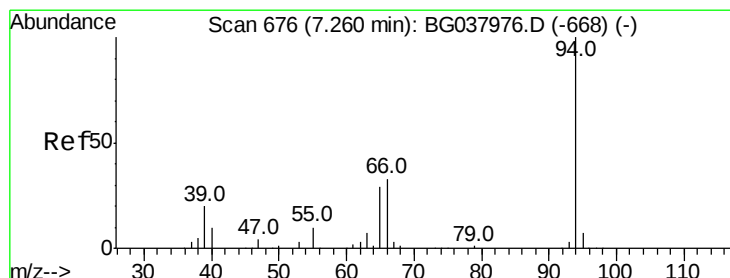
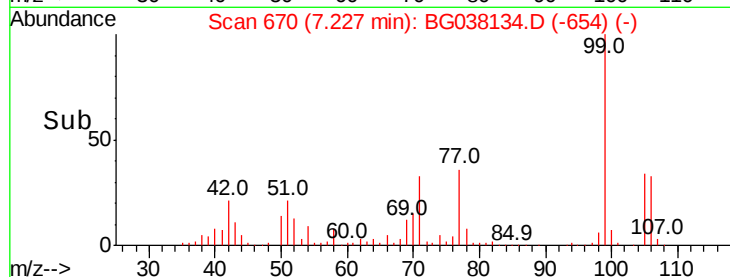
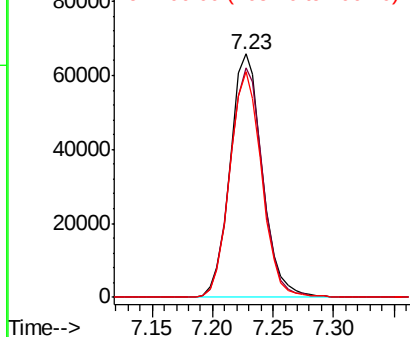
APPROVED

mohammad

11/23/2018 11:50:22 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: 41.311 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

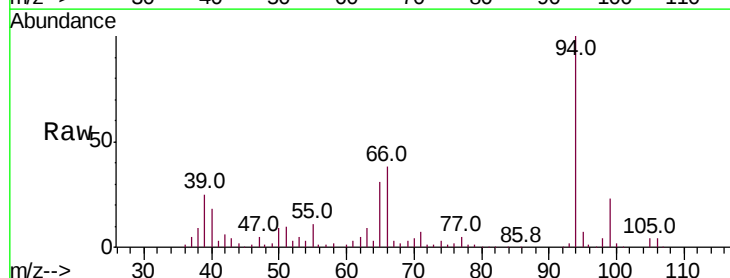
Tgt Ion: 94 Resp: 195083

Ion Ratio Lower Upper

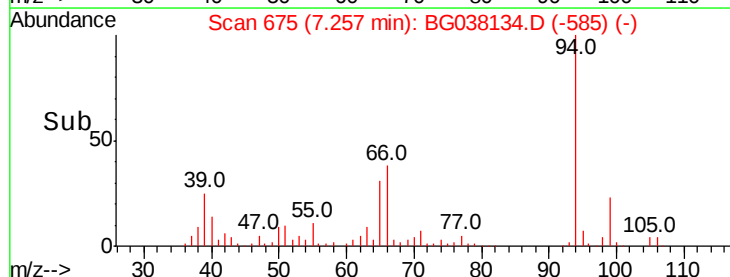
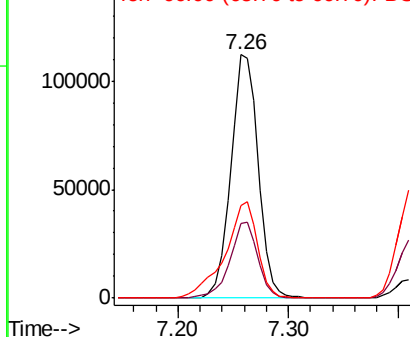
94 100

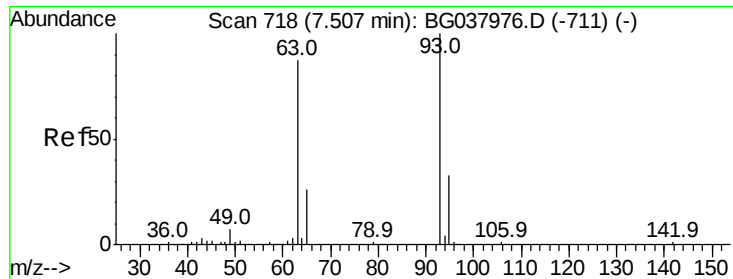
65 30.5 9.7 49.7

66 38.1 15.9 55.9



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





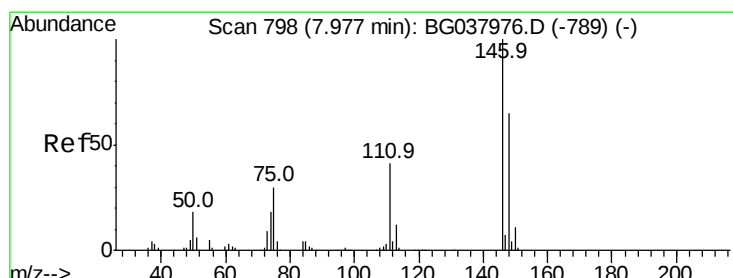
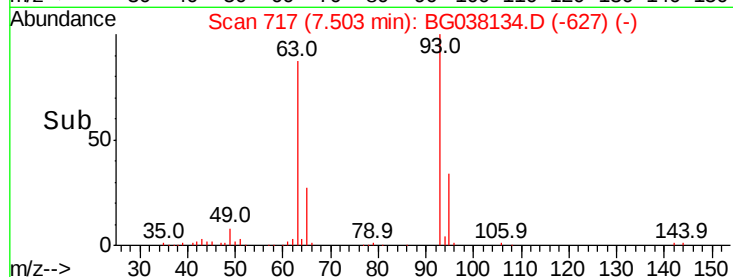
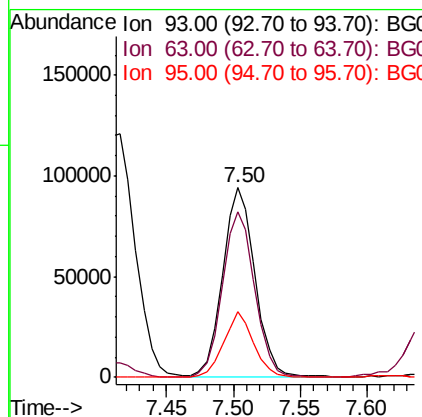
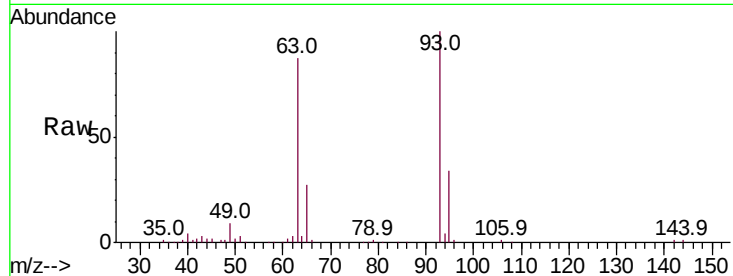
#11
bis(2-Chloroethyl)ether
Concen: 41.588 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	93	Resp	160331
Ion Ratio	100	Lower	Upper
93	100		
63	87.4	69.5	109.5
95	34.4	12.6	52.6

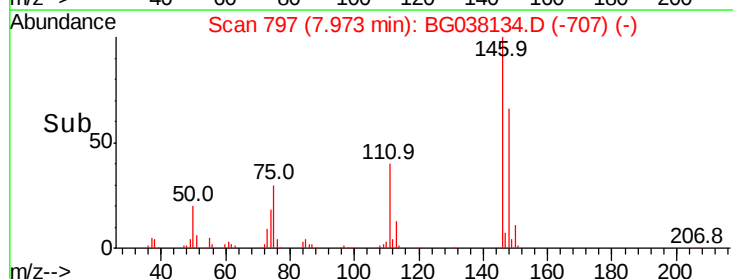
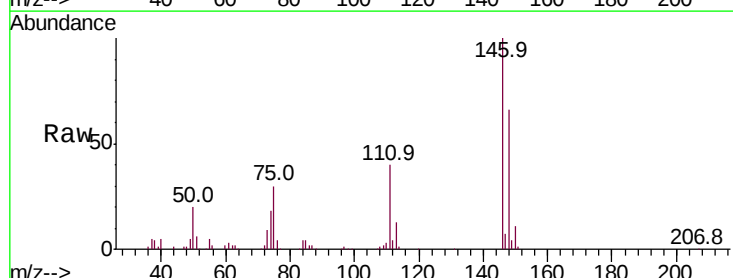
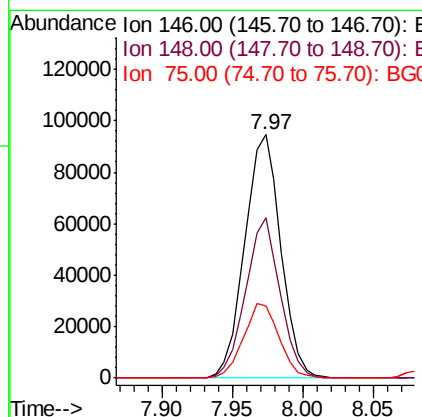
Manual Integrations
APPROVED

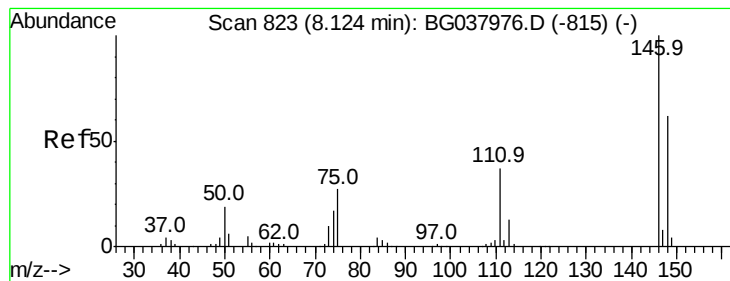
mohammad
11/23/2018 11:50:22 AM



#12
1,3-Dichlorobenzene
Concen: 40.530 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	146	Resp	169212
Ion Ratio	100	Lower	Upper
146	100		
148	65.7	49.8	74.8
75	29.6	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 40.841 ng

RT: 8.12 min Scan# 822

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

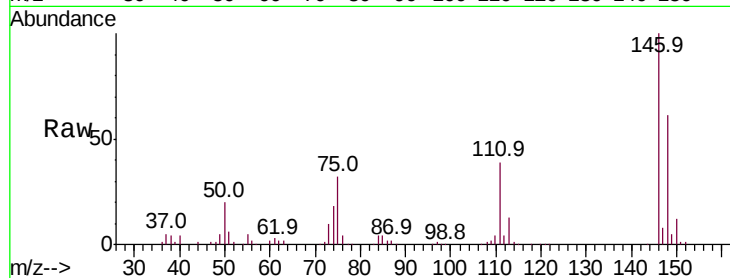
ClientSampleId :

SSTDCCC040EC

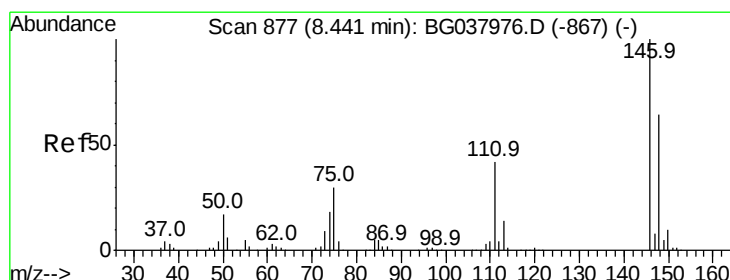
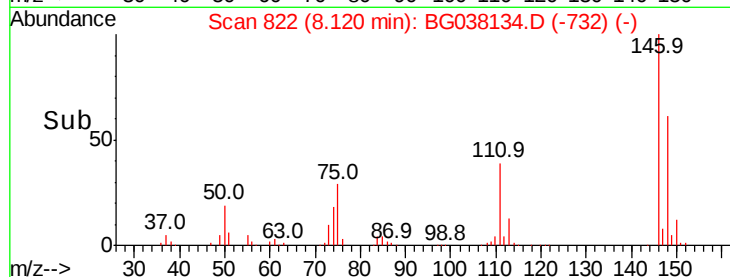
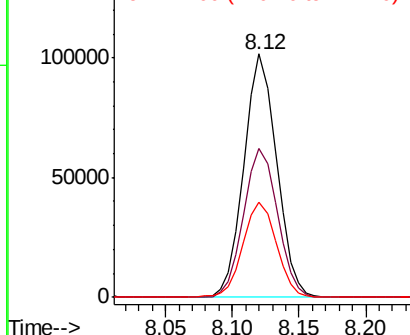
Tot Ion:	146	Resp:	172242
Ion Ratio	Lower	Upper	
146	100		
148	61.0	51.0	76.6
111	39.0	32.4	48.6

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.967 ng

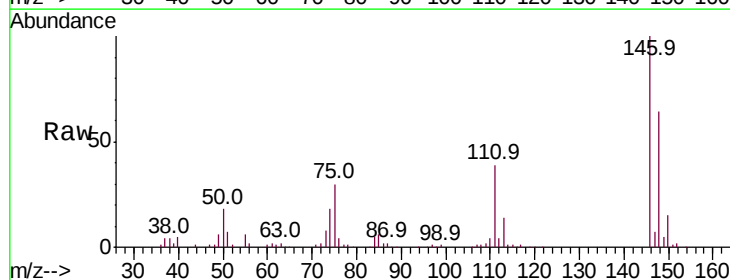
RT: 8.44 min Scan# 877

Delta R.T. 0.00 min

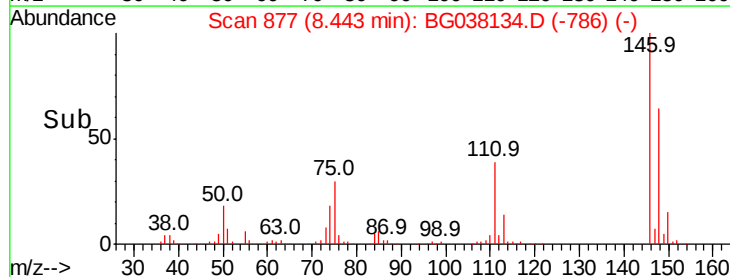
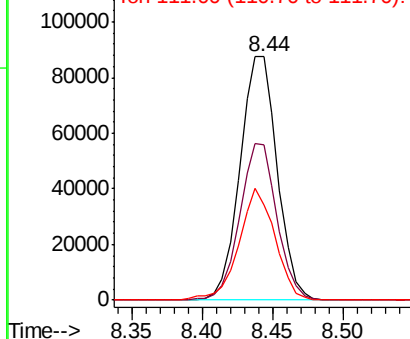
Lab File: BG038134.D

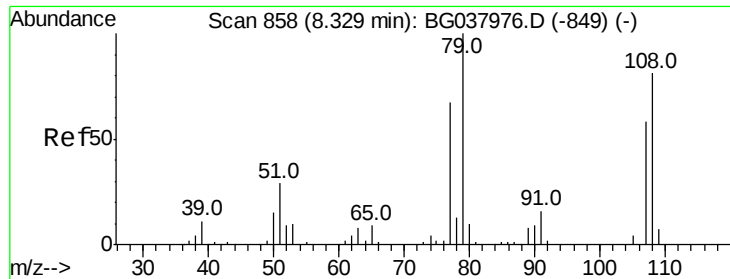
Acq: 22 Nov 2018 2:10

Tgt Ion:	146	Resp:	160925
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.4	75.6
111	39.0	34.6	51.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





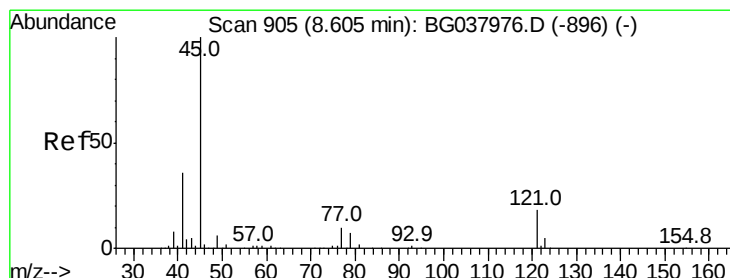
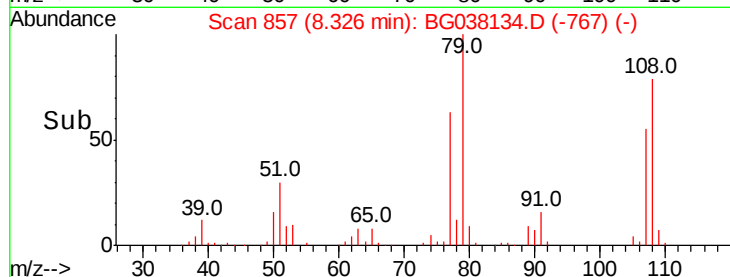
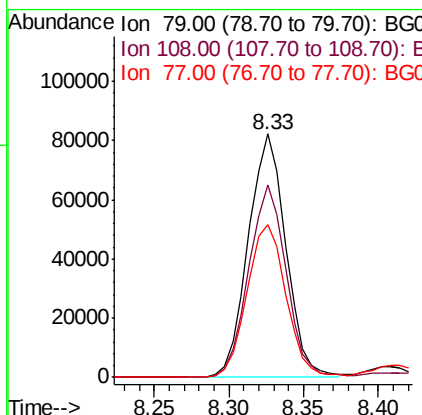
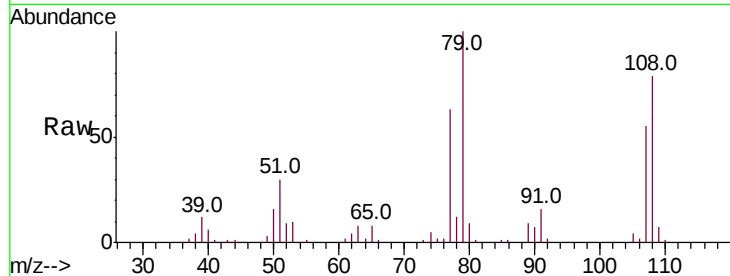
#15
Benzyl Alcohol
Concen: 44.245 ng
RT: 8.33 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.8	65.8	98.8
77	62.9	52.9	79.3

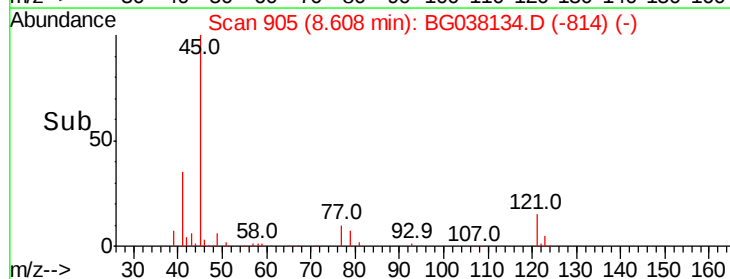
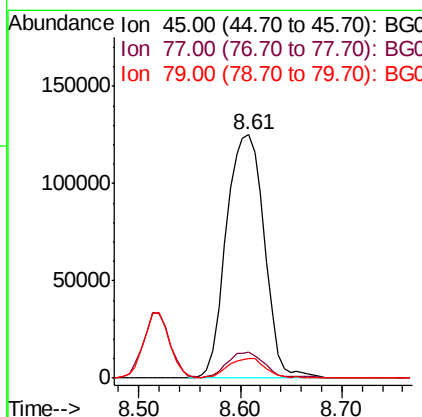
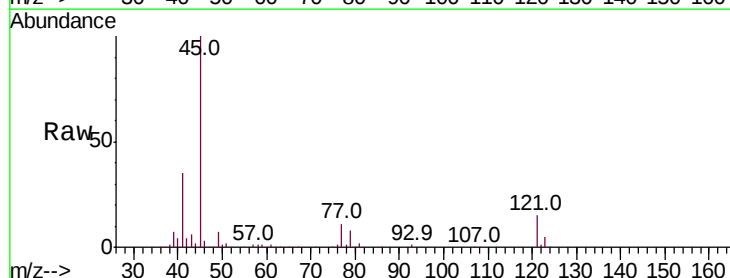
Manual Integrations
APPROVED

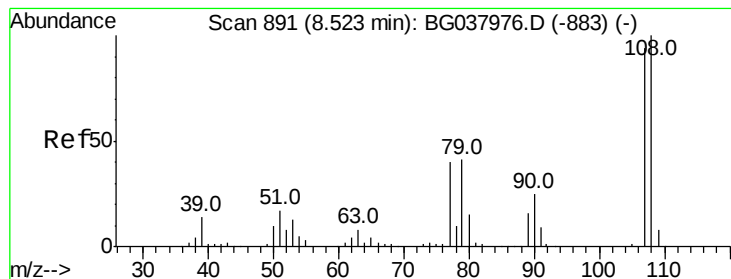
mohammad
11/23/2018 11:50:22 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.270 ng
RT: 8.61 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	30.0
79	7.8	0.0	29.0





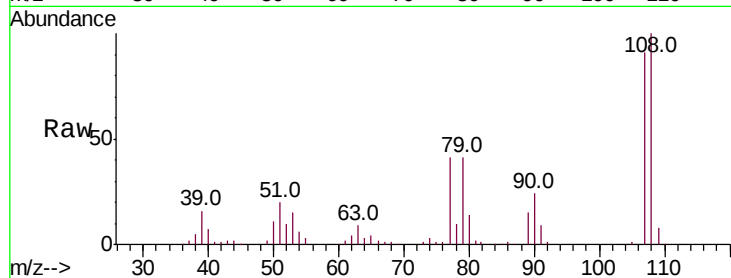
#17
2-Methylphenol
Concen: 41.893 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.4	87.9	131.9
77	45.2	35.1	52.7
79	45.7	34.5	51.7

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



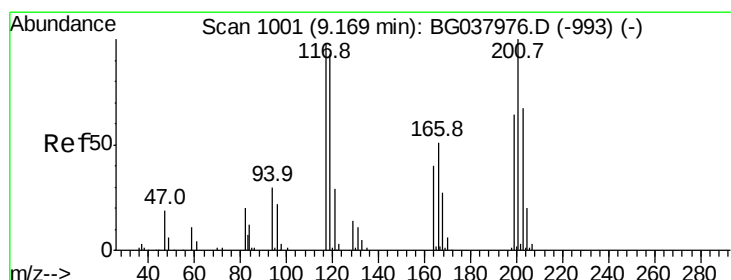
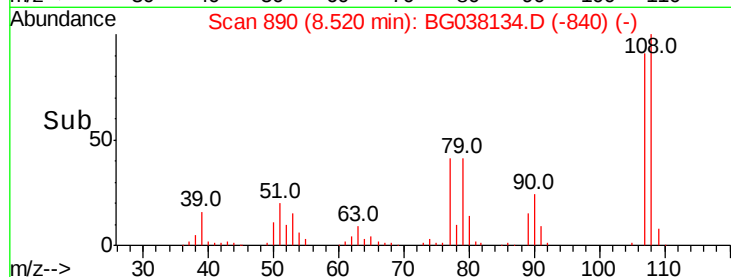
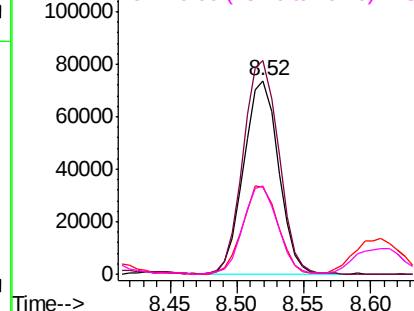
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.361 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

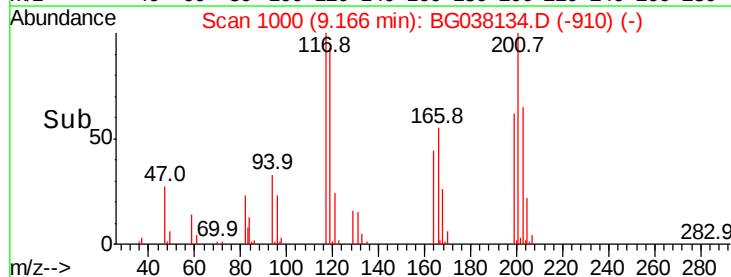
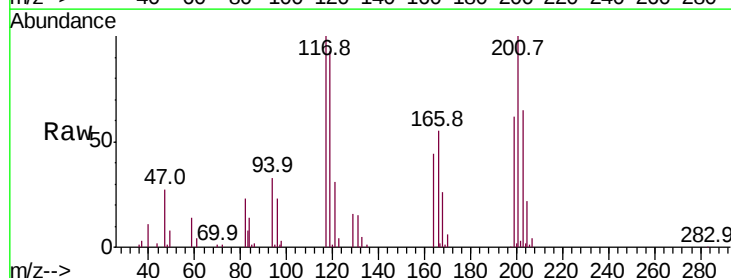
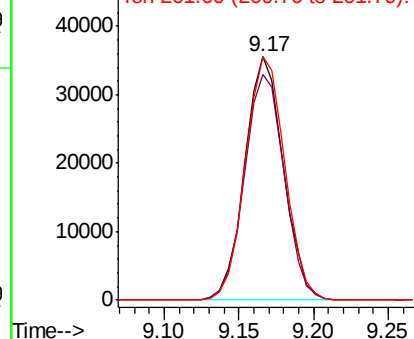
Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.6	111.8
201	103.4	80.8	121.2

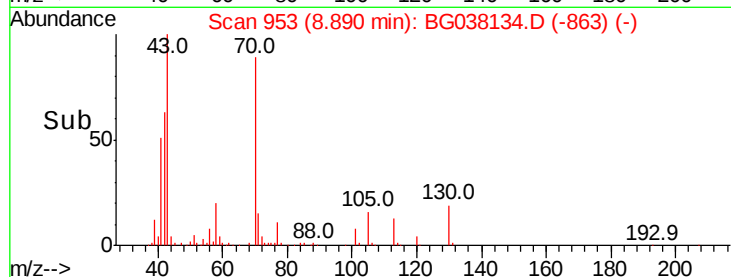
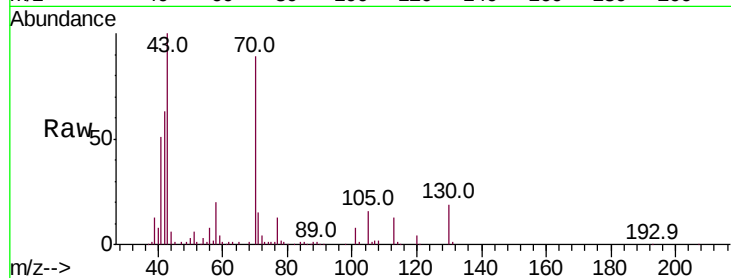
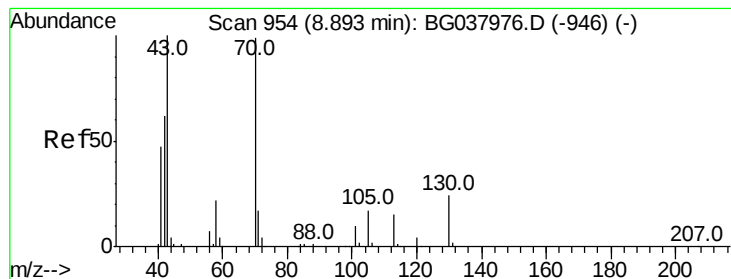
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.387 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

ClientSampleID :

SSTDCCC040EC

Tot Ion: 70 Resp: 130286

Ion Ratio Lower Upper

70 100

42 70.8 53.9 80.9

101 9.1 8.2 12.2

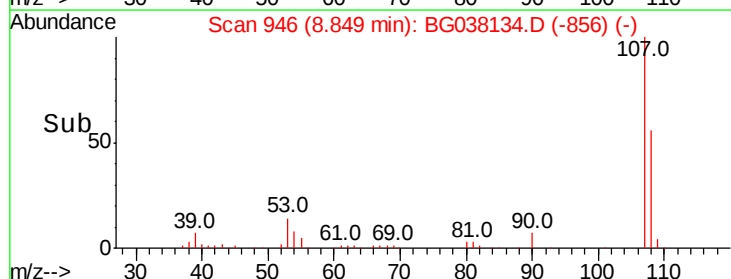
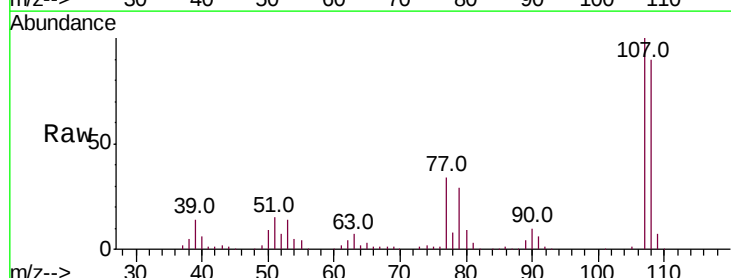
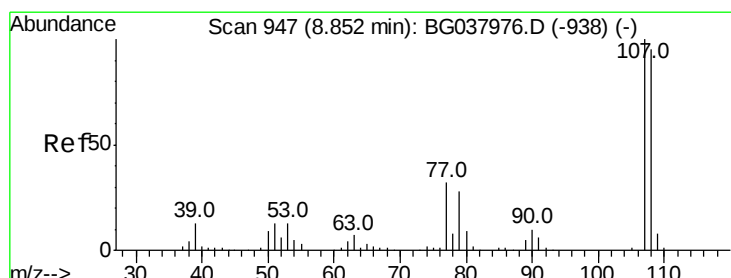
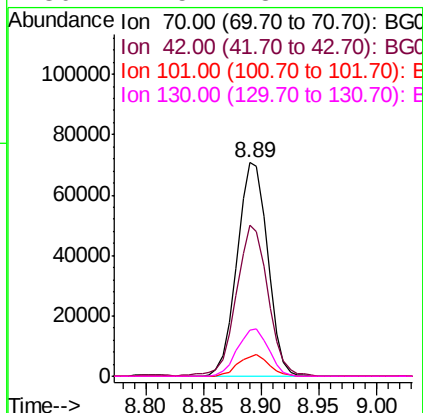
130 21.5 18.2 27.4

Manual Integrations

APPROVED

mohammad

11/23/2018 11:50:22 AM



#20

3+4-Methylphenols

Concen: 41.508 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Tgt Ion: 107 Resp: 187861

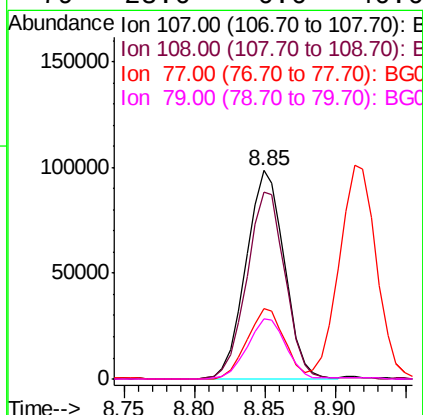
Ion Ratio Lower Upper

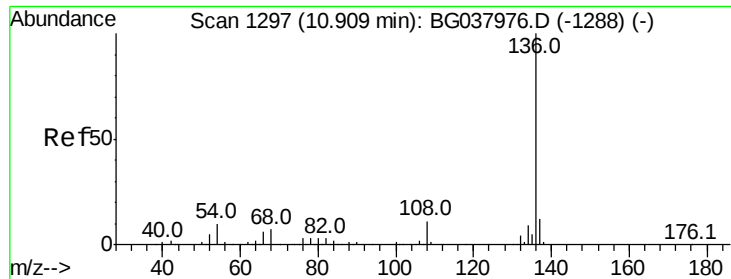
107 100

108 89.7 69.9 109.9

77 33.6 11.2 51.2

79 28.6 6.6 46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

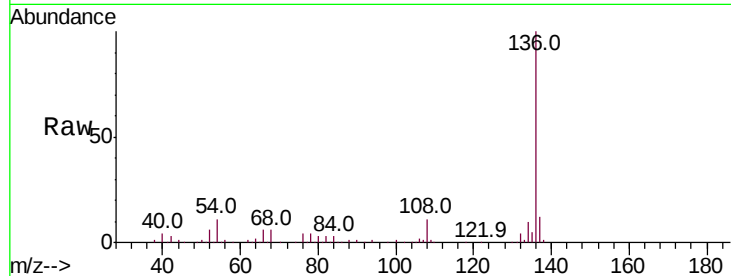
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	237178		
137	12.0	9.6	14.4	
54	10.9	7.9	11.9	
68	6.5	4.8	7.2	

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



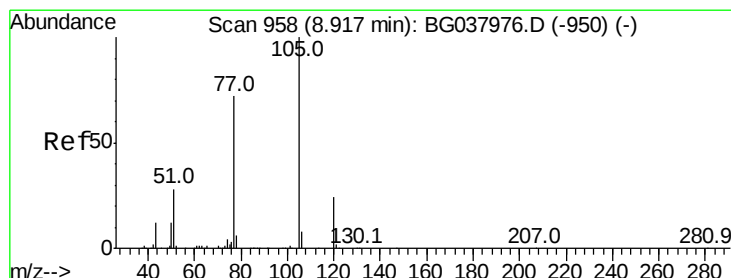
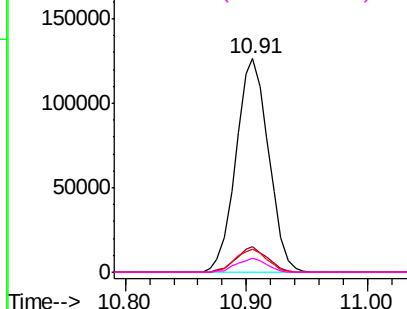
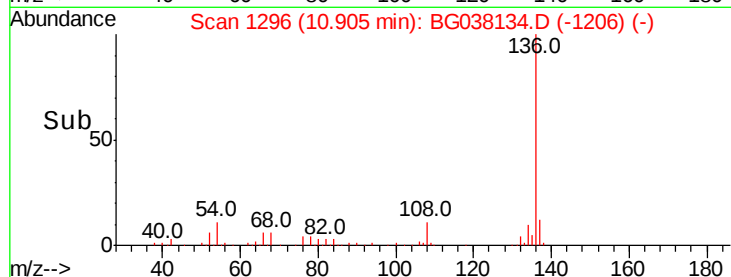
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.197 ng

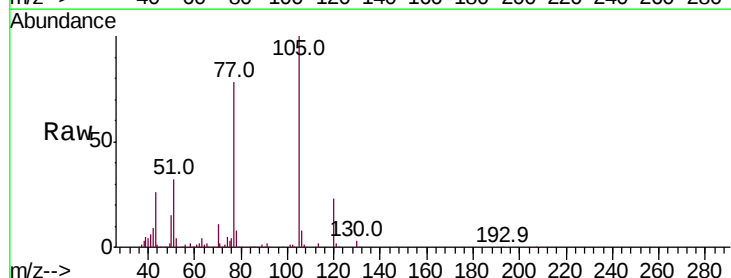
RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237207		
71	2.0	1.2	1.8#	
51	32.4	25.0	37.6	
120	23.0	18.6	28.0	



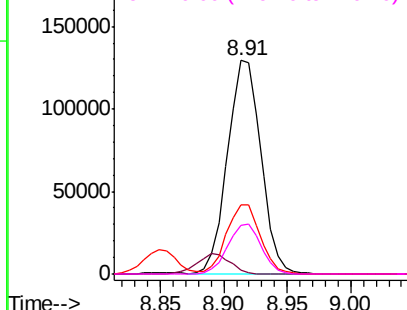
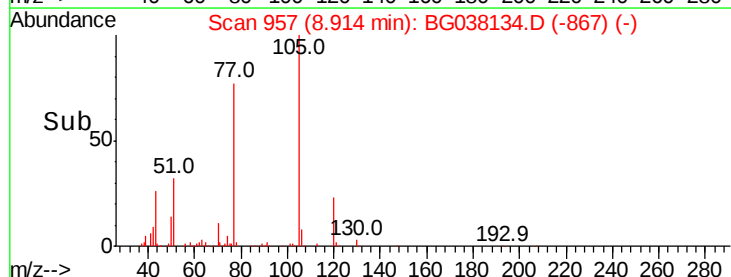
Abundance

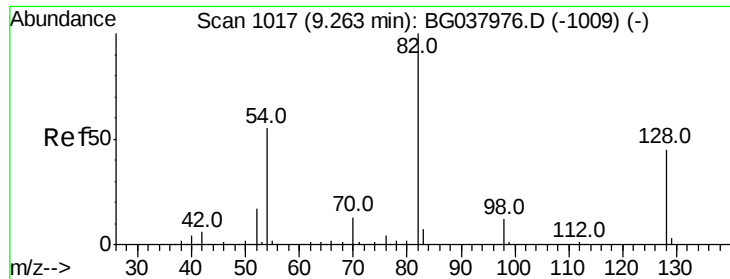
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





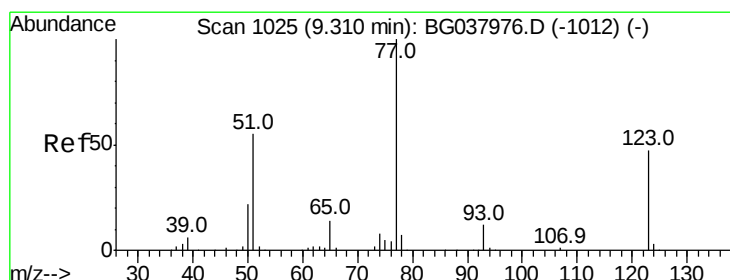
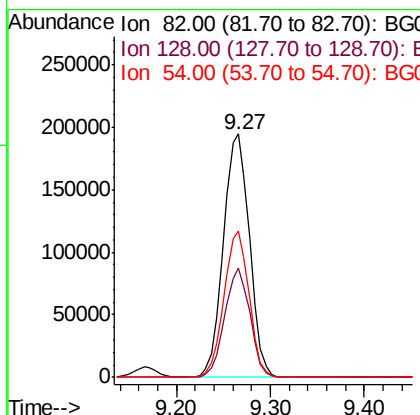
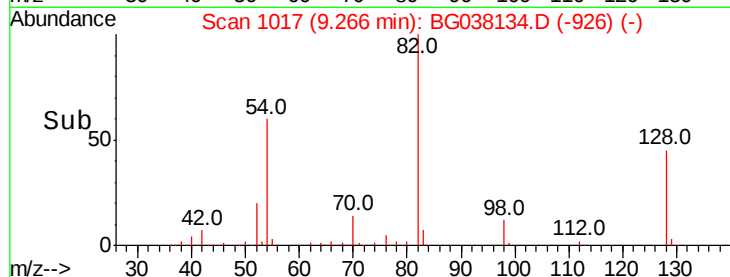
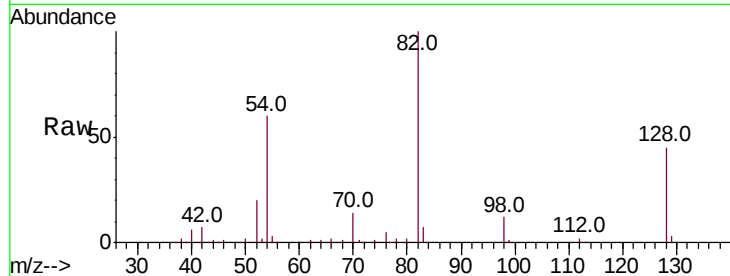
#23
Nitrobenzene-d5
Concen: 84.455 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100	374195		
128	44.6	34.6	51.8	
54	60.0	45.3	67.9	

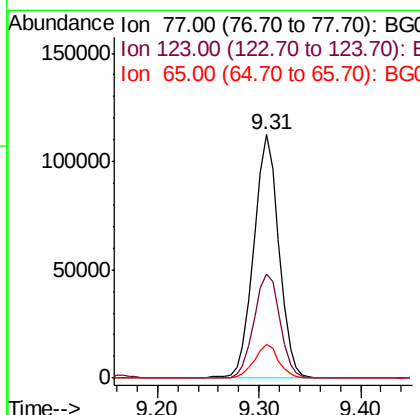
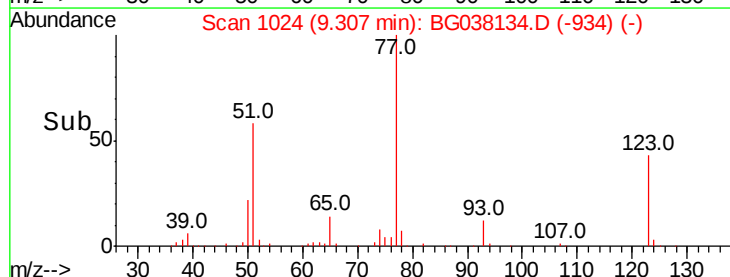
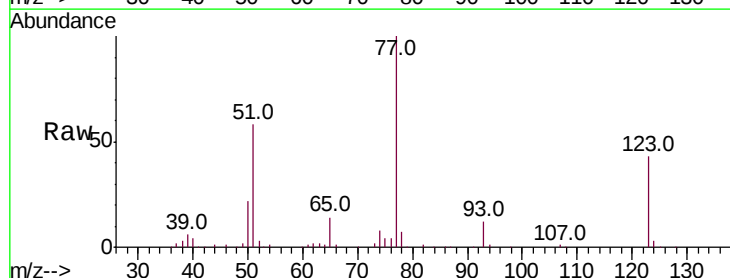
Manual Integrations
APPROVED

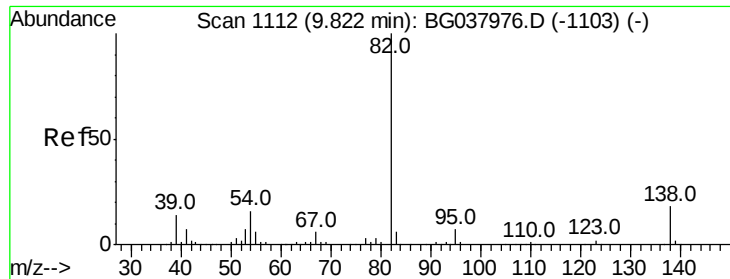
mohammad
11/23/2018 11:50:22 AM



#24
Nitrobenzene
Concen: 42.701 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	193539		
123	43.0	33.6	50.4	
65	14.0	11.3	16.9	





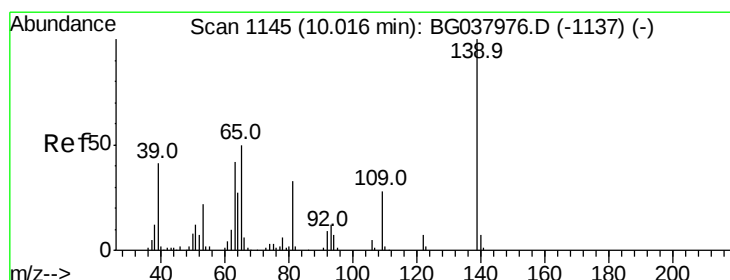
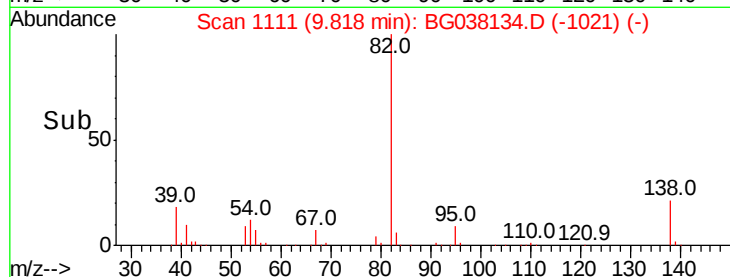
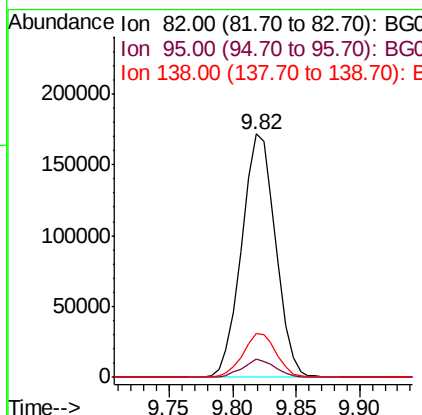
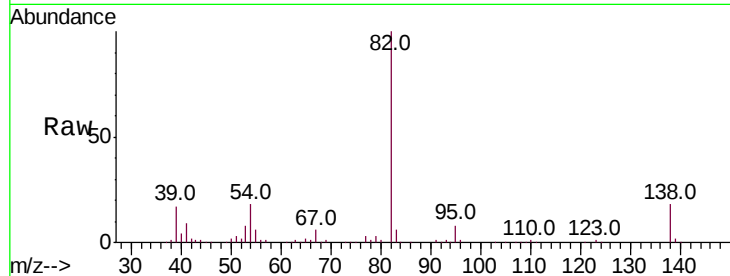
#25
Isophorone
Concen: 40.147 ng
RT: 9.82 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.3	7.9
138	17.8	13.3	19.9

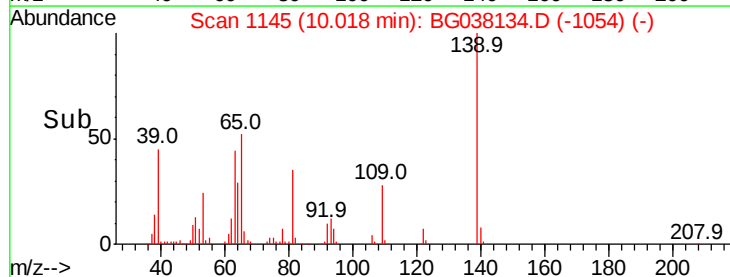
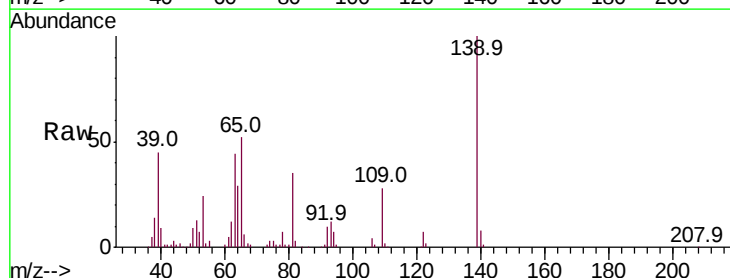
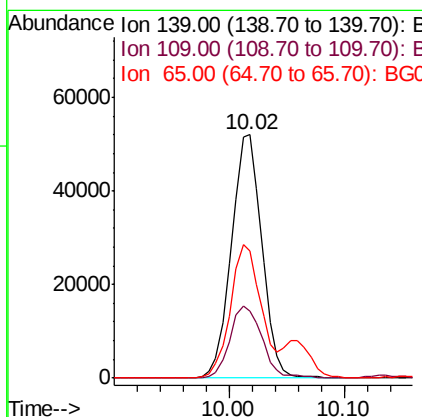
Manual Integrations
APPROVED

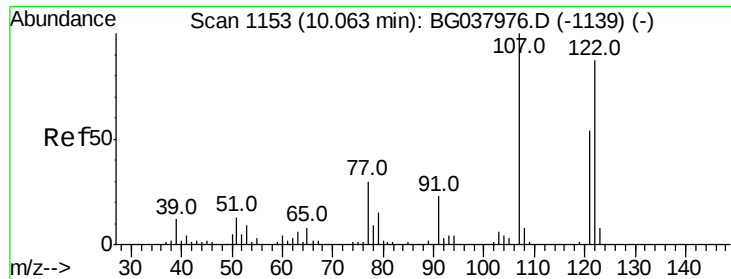
mohammad
11/23/2018 11:50:22 AM



#26
2-Nitrophenol
Concen: 41.924 ng
RT: 10.02 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.7	23.3	34.9
65	52.4	39.8	59.8





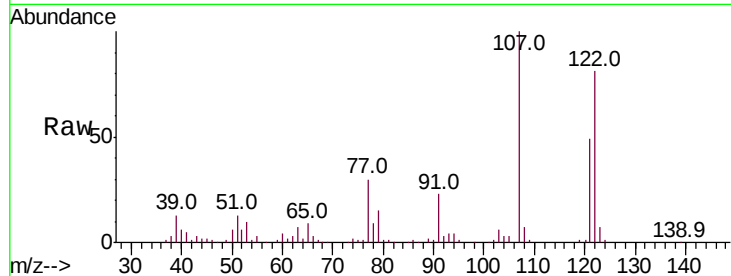
#27
2,4-Dimethylphenol
Concen: 41.450 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.1	94.2	141.2
121	60.8	47.3	70.9

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM

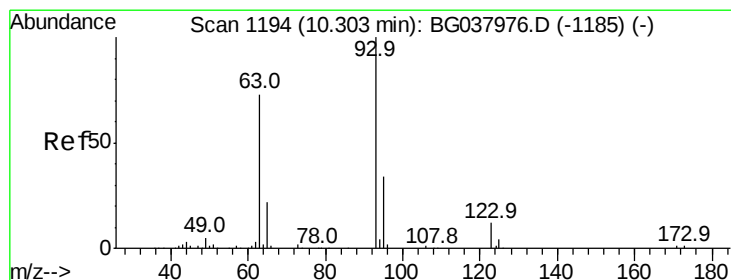
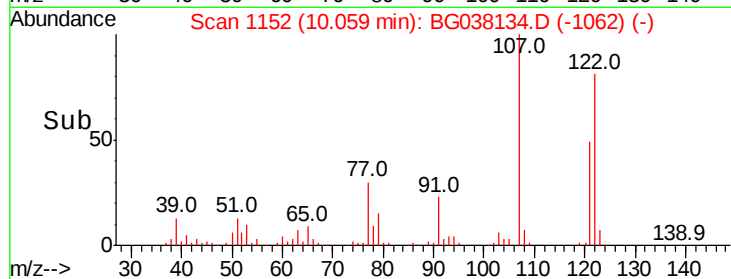
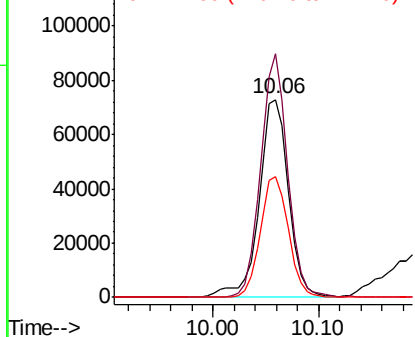


Abundance

Ion 122.00 (121.70 to 122.70): E

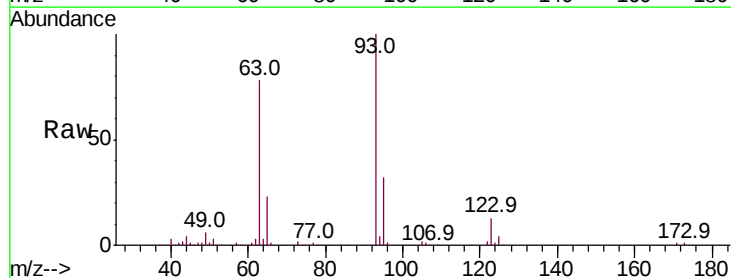
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.210 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	24.6	37.0
123	12.7	9.1	13.7

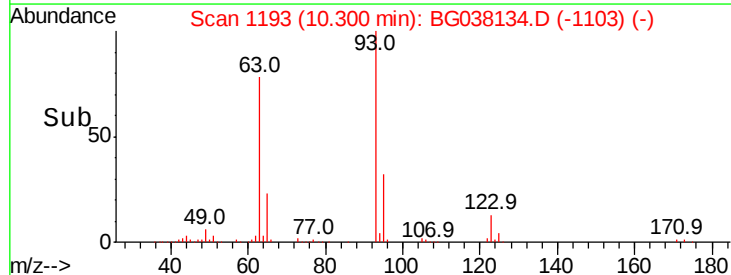
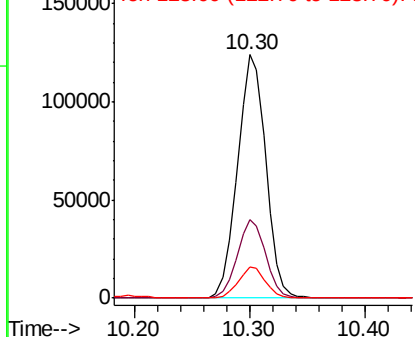


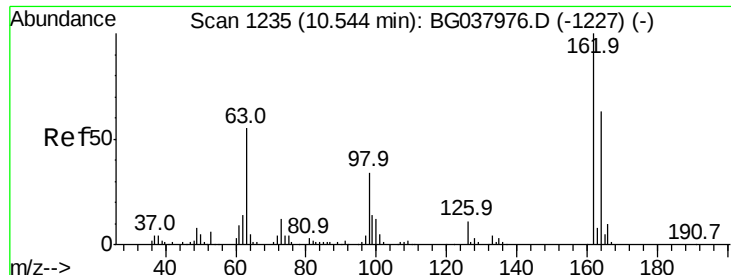
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





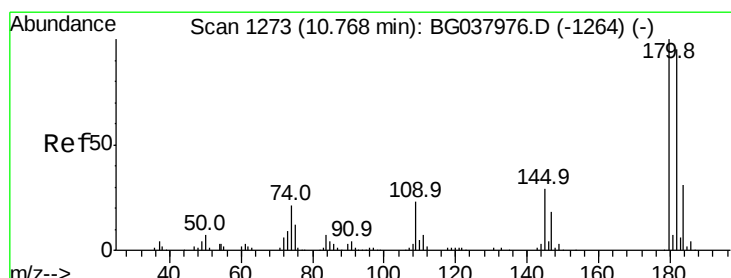
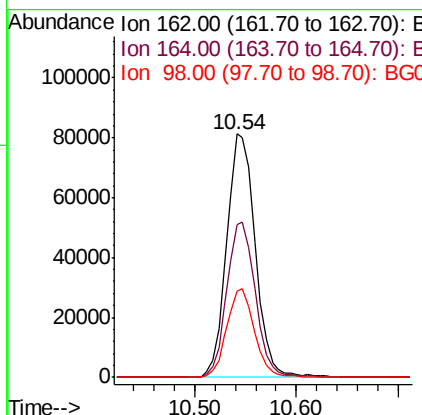
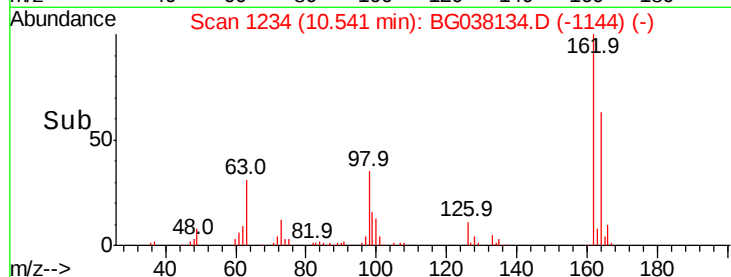
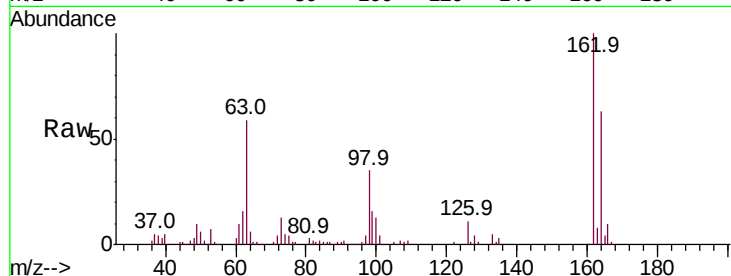
#29
2,4-Dichlorophenol
Concen: 41.444 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.9	43.2	83.2	
98	35.5	16.0	56.0	

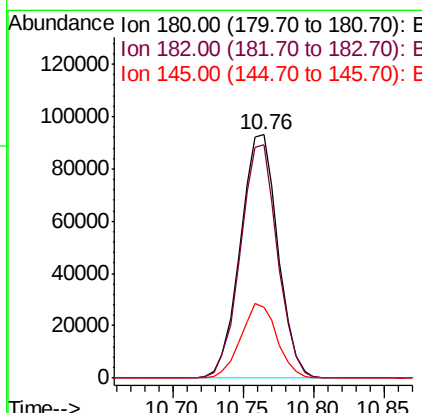
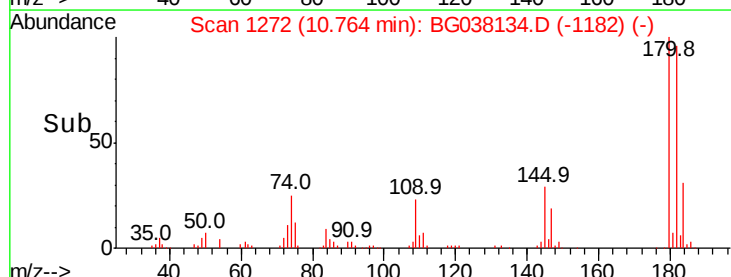
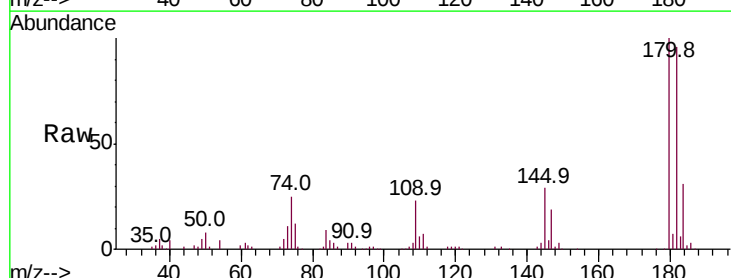
Manual Integrations
APPROVED

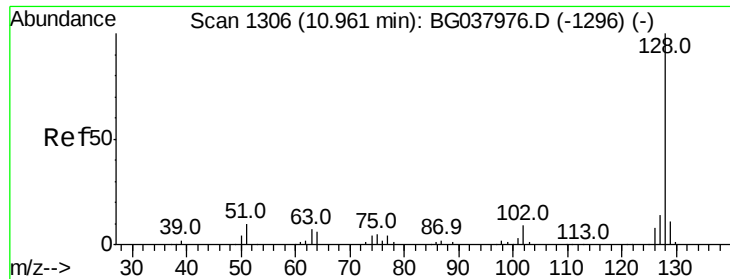
mohammad
11/23/2018 11:50:22 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.372 ng
RT: 10.76 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.0	77.7	116.5	
145	29.2	23.3	34.9	





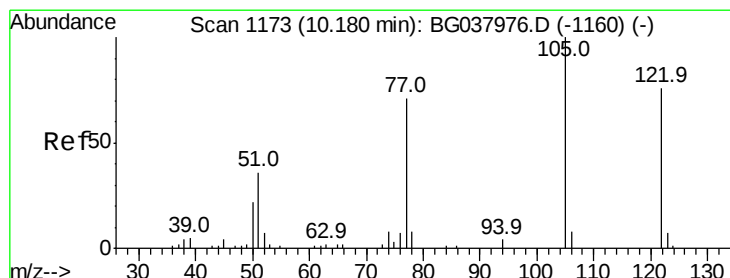
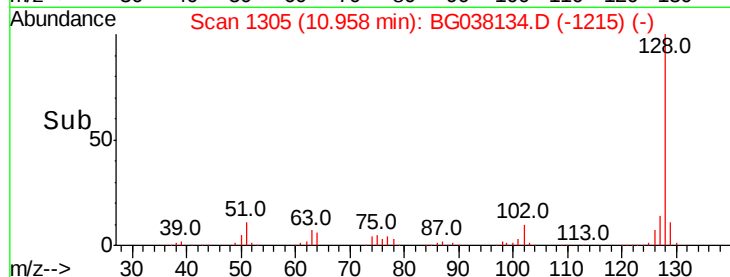
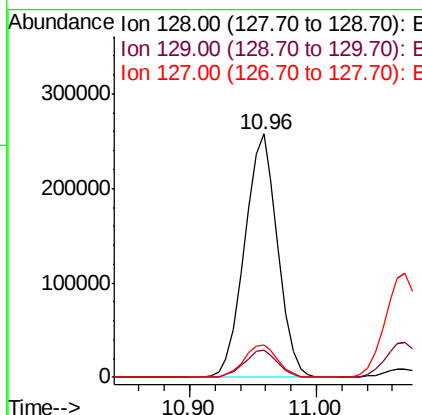
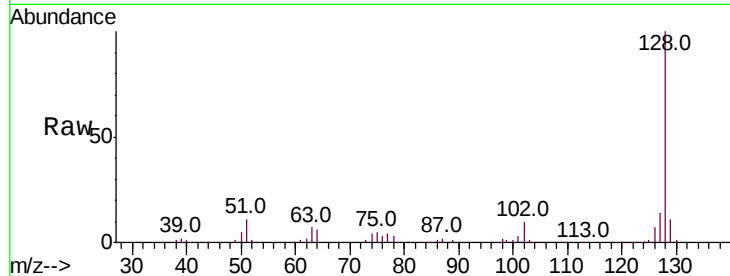
#31
Naphthalene
Concen: 39.745 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.5	11.1	16.7

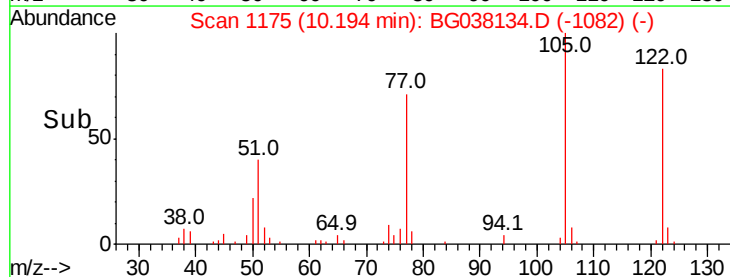
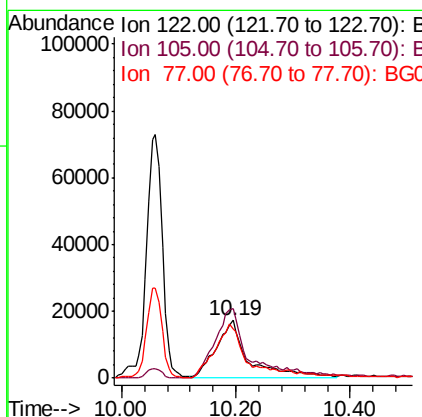
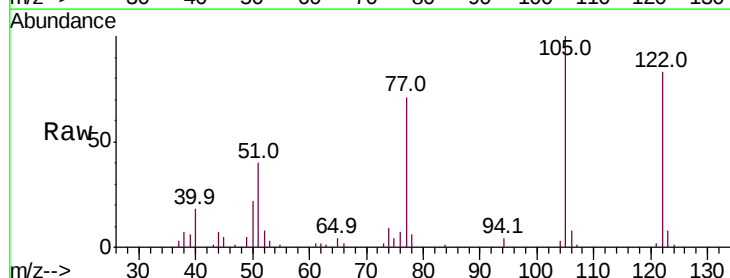
Manual Integrations
APPROVED

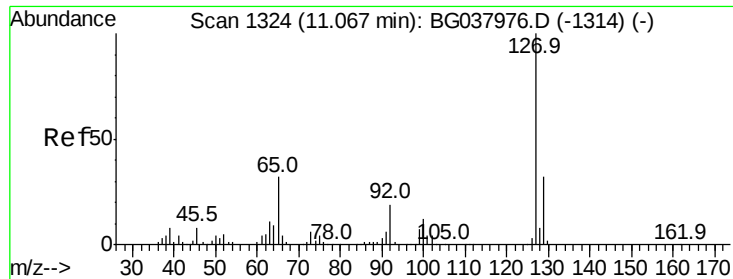
mohammad
11/23/2018 11:50:22 AM



#32
Benzoic acid
Concen: 34.435 ng m
RT: 10.19 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.6	106.7	146.7
77	85.1	72.2	112.2





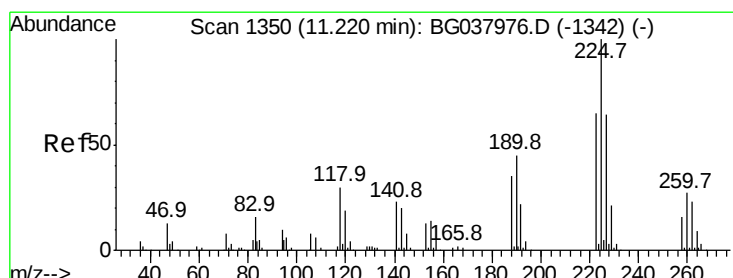
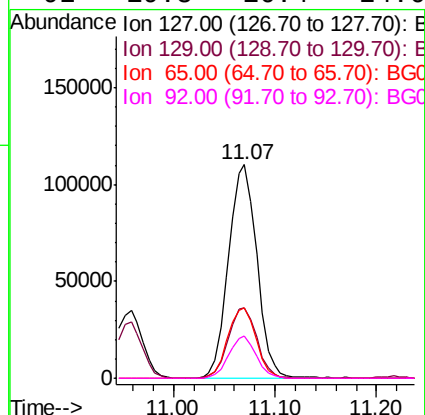
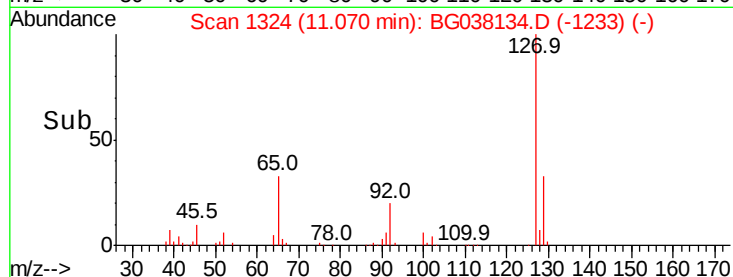
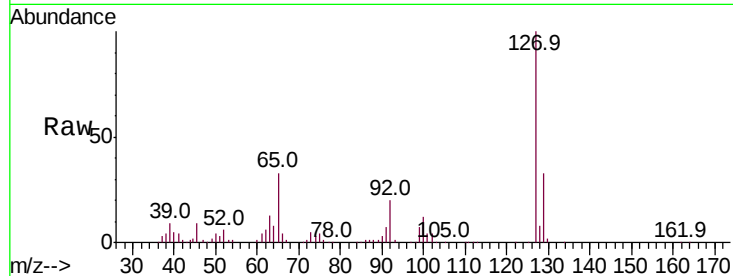
#33
4-Chloroaniline
Concen: 39.573 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100	214740		
129	33.2	27.1	40.7	
65	33.2	26.6	39.8	
92	19.8	16.4	24.6	

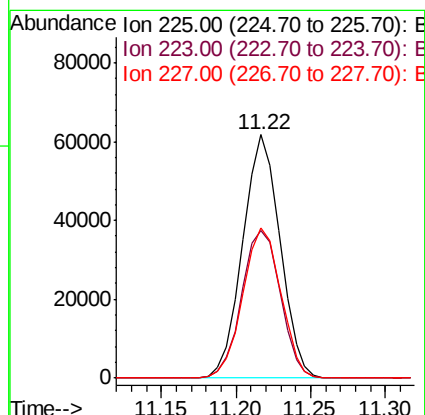
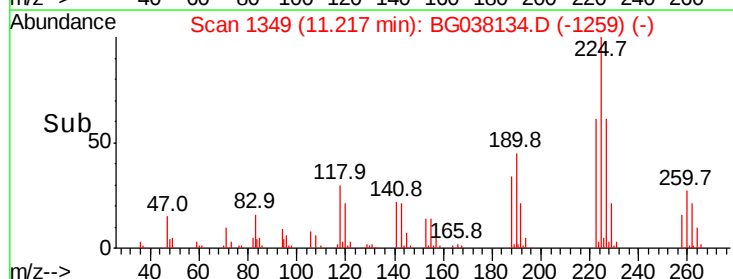
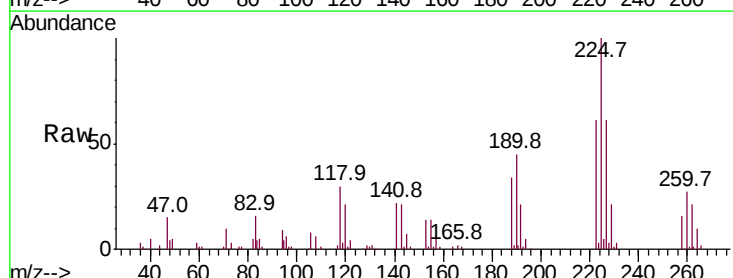
Manual Integrations
APPROVED

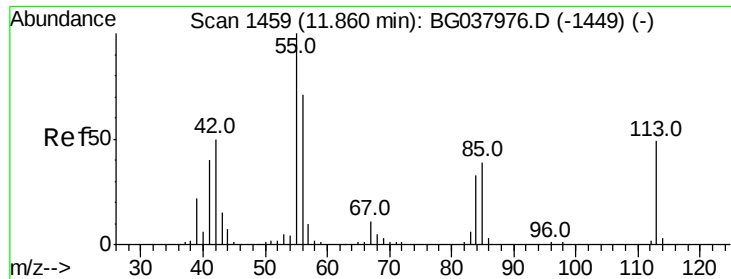
mohammad
11/23/2018 11:50:22 AM



#34
Hexachlorobutadiene
Concen: 40.452 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	106983		
223	57.8	48.2	72.4	
227	58.4	51.6	77.4	





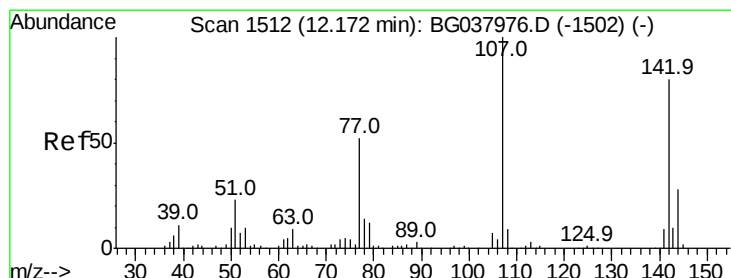
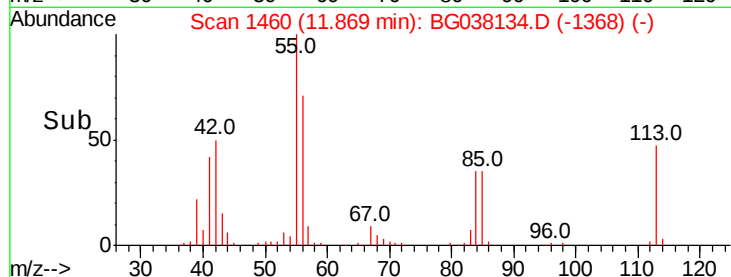
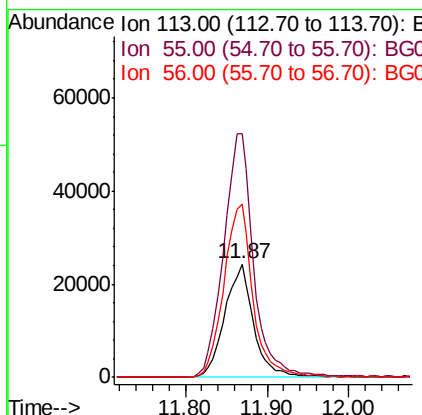
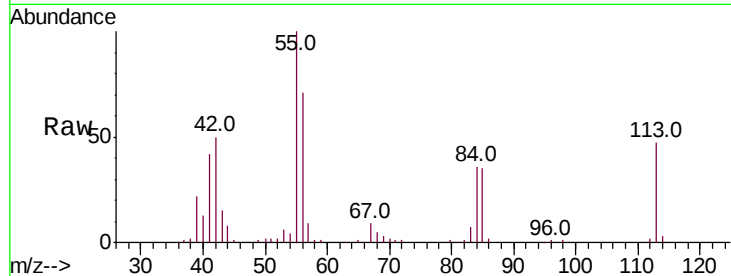
#35
 Caprolactam
 Concen: 38.854 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BG038134.D
 Acq: 22 Nov 2018 2:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:113 Resp: 59637
 Ion Ratio Lower Upper
 113 100
 55 213.9 176.6 216.6
 56 152.4 128.3 168.3

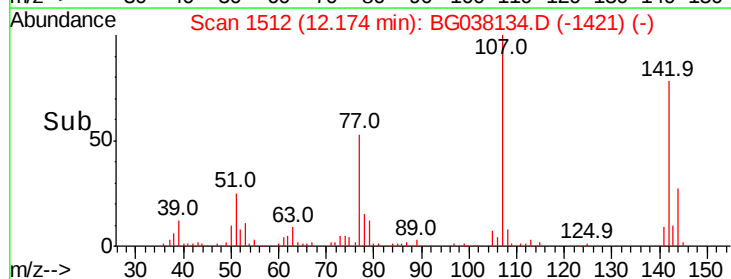
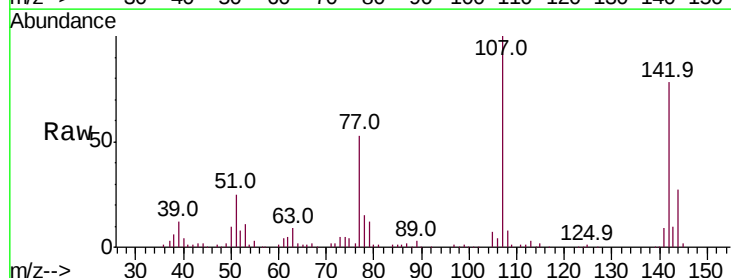
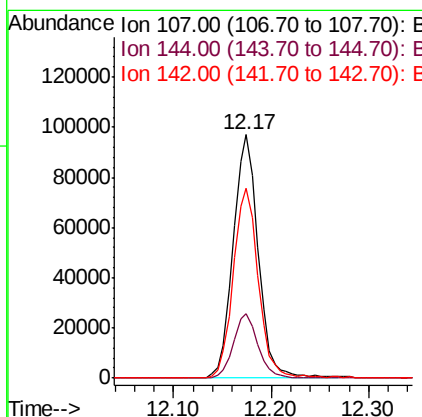
Manual Integrations
 APPROVED

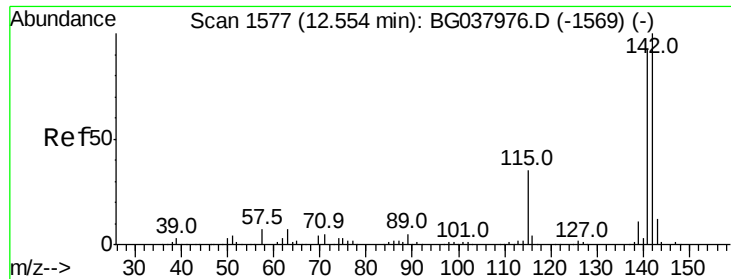
mohammad
 11/23/2018 11:50:22 AM



#36
 4-Chloro-3-methylphenol
 Concen: 41.295 ng
 RT: 12.17 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BG038134.D
 Acq: 22 Nov 2018 2:10

Tgt Ion:107 Resp: 173002
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.7 31.1
 142 78.0 64.4 96.6





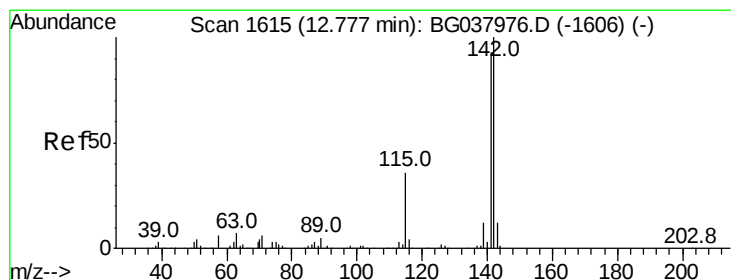
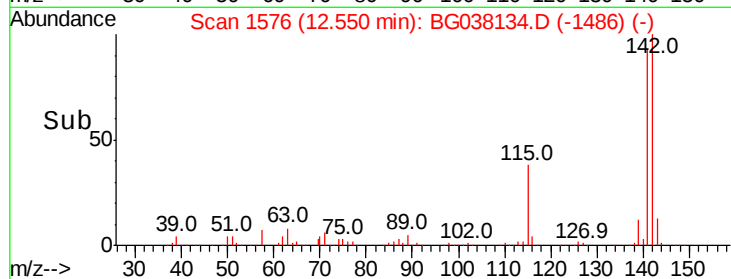
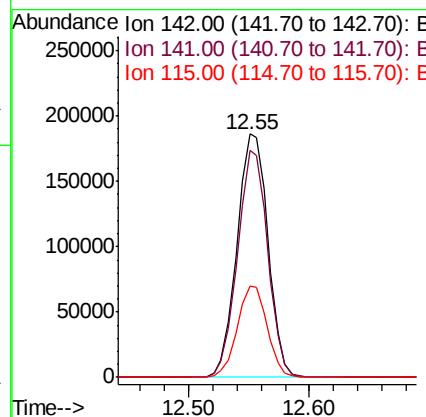
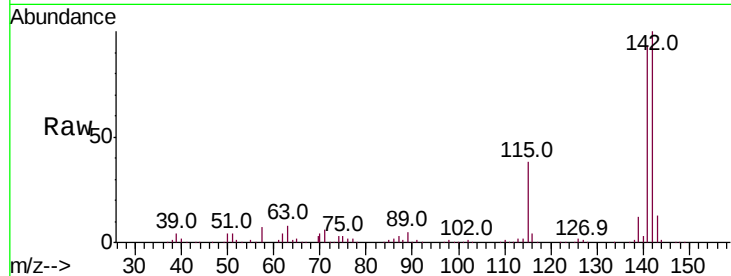
#37
2-Methylnaphthalene
Concen: 39.750 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	71.9	107.9
115	37.6	27.8	41.8

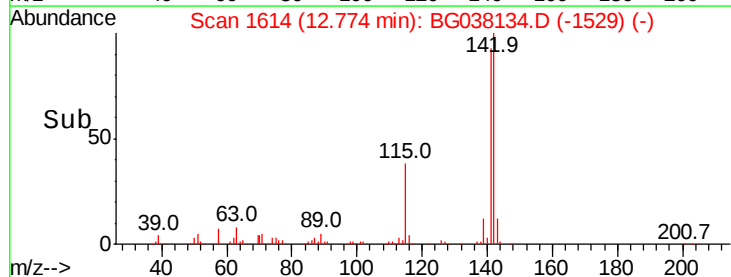
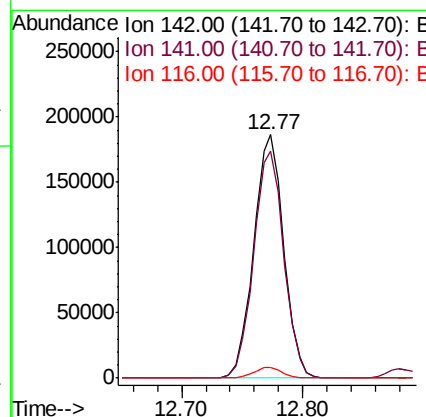
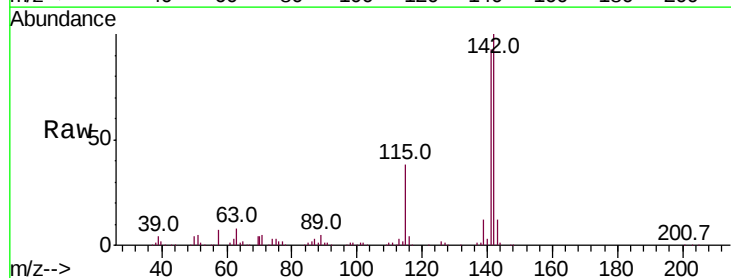
Manual Integrations
APPROVED

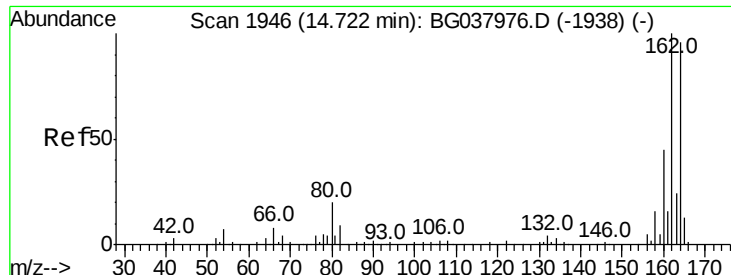
mohammad
11/23/2018 11:50:22 AM



#38
1-Methylnaphthalene
Concen: 39.647 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.2	112.8
116	4.2	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

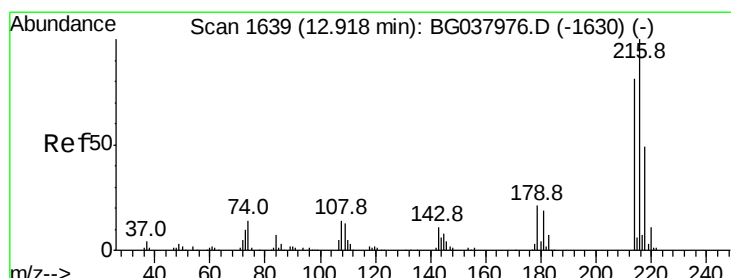
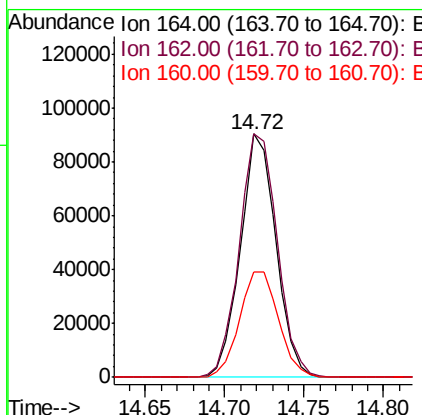
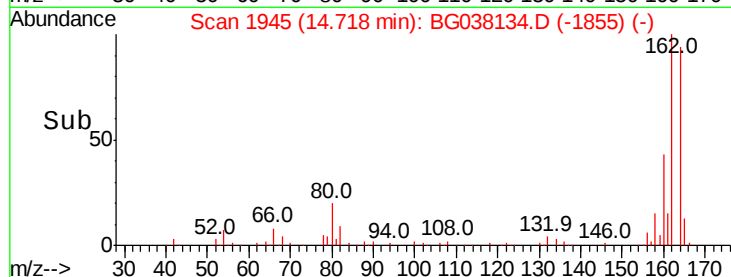
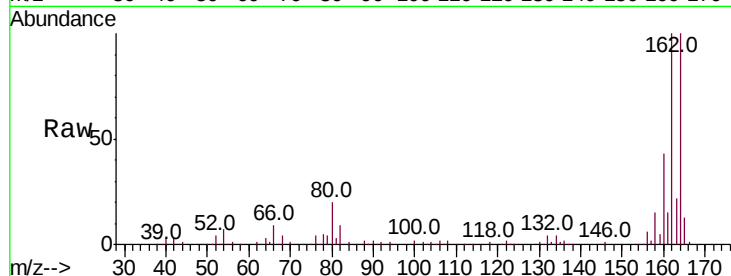
ClientSampleId :

SSTDCCC040EC

Tot Ion:	164	Resp:	141036
Ion Ratio	Lower	Upper	
164	100		
162	99.9	81.3	121.9
160	43.4	36.3	54.5

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.693 ng

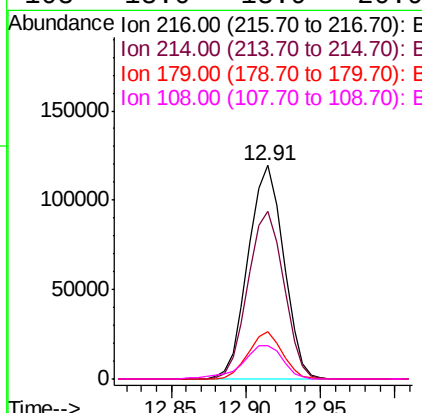
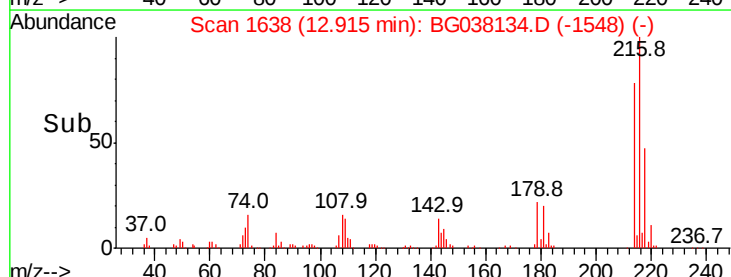
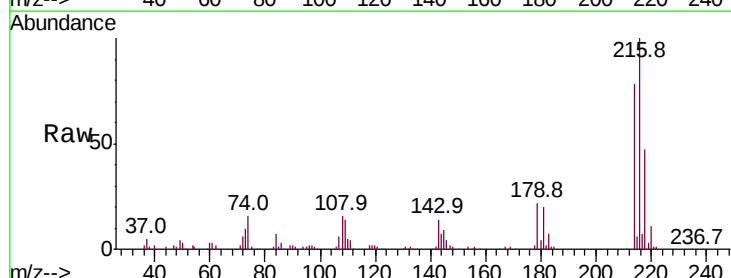
RT: 12.91 min Scan# 1638

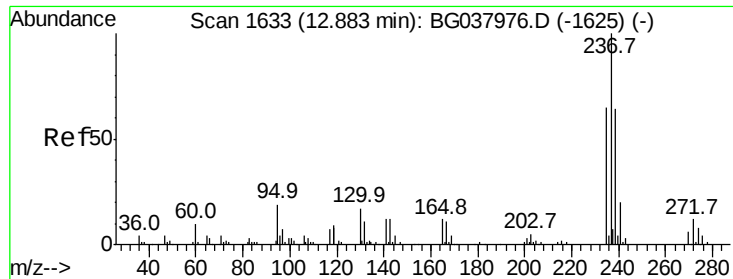
Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Tgt Ion:	216	Resp:	196491
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.8	95.6
179	21.3	17.4	26.0
108	18.0	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 38.825 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

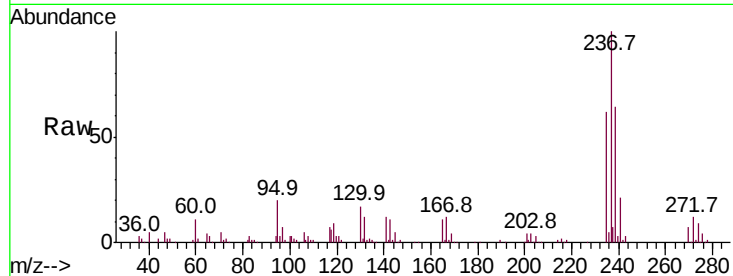
ClientSampleId :

SSTDCCC040EC

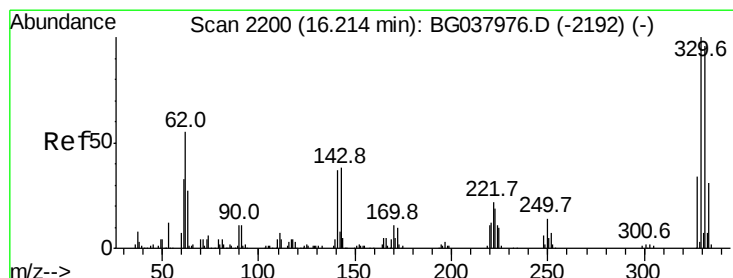
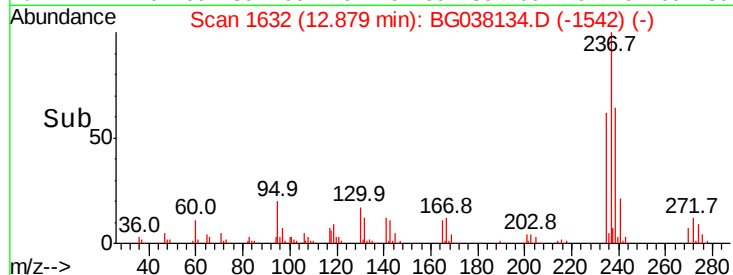
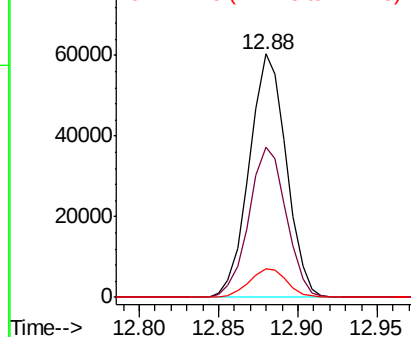
Tot Ion:	237	Resp:	97979
Ion Ratio	Lower	Upper	
237	100		
235	61.7	42.5	82.5
272	11.9	0.0	31.6

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



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



#42

2,4,6-Tribromophenol

Concen: 79.563 ng

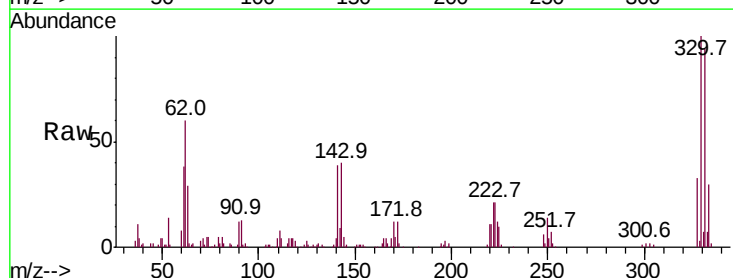
RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

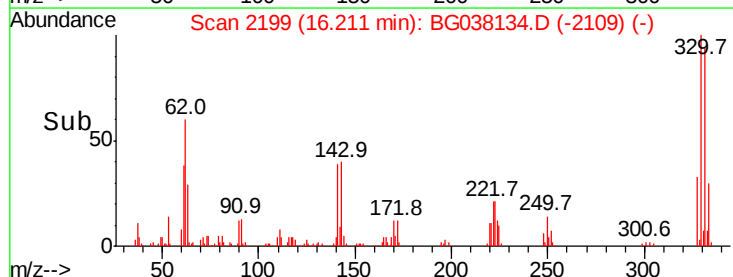
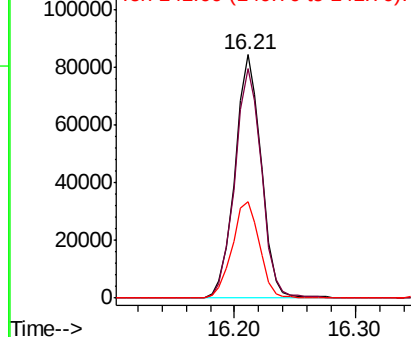
Lab File: BG038134.D

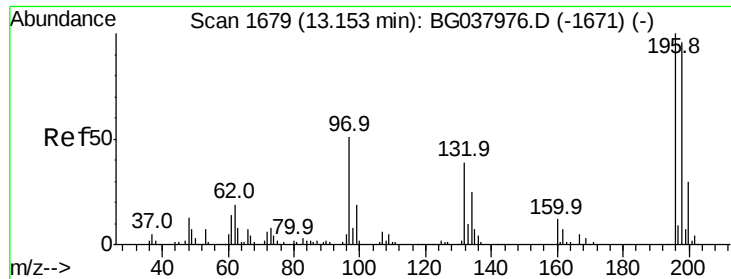
Acq: 22 Nov 2018 2:10

Tgt Ion:	330	Resp:	127975
Ion Ratio	Lower	Upper	
330	100		
332	96.5	78.4	117.6
141	40.9	32.2	48.2



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





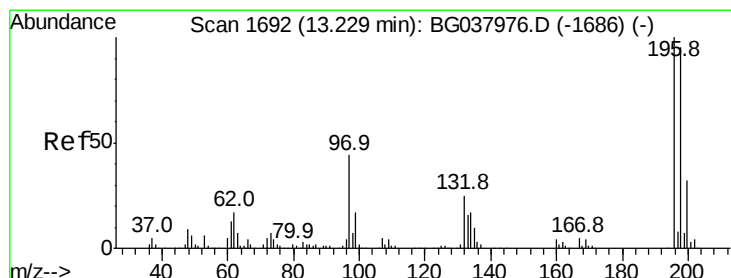
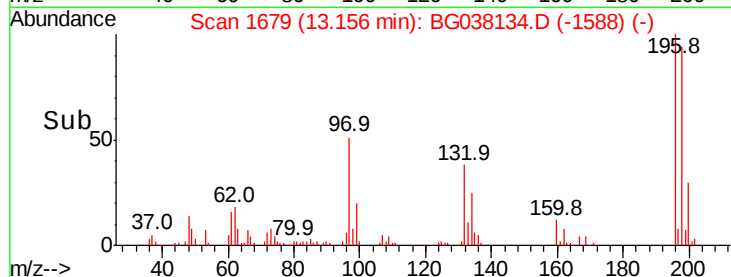
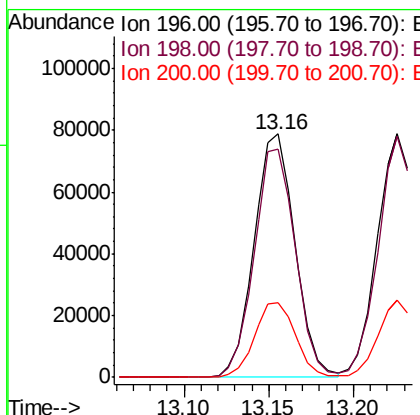
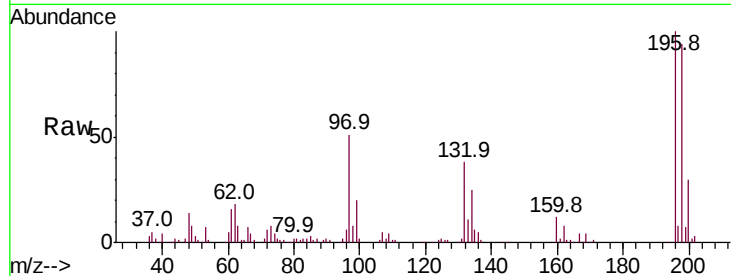
#43
 2,4,6-Trichlorophenol
 Concen: 41.266 ng
 RT: 13.16 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038134.D
 Acq: 22 Nov 2018 2:10

Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	132525		
198	94.0	76.4	114.6	
200	30.4	24.9	37.3	

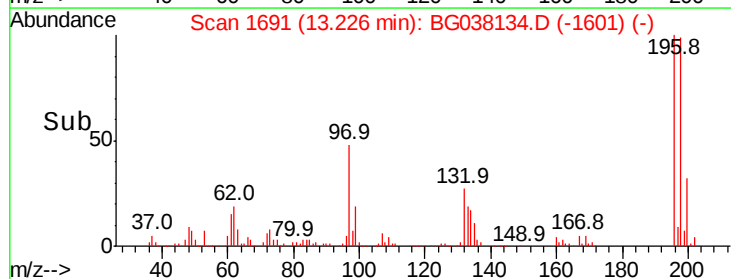
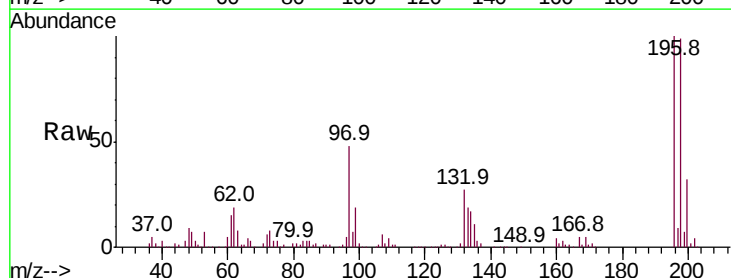
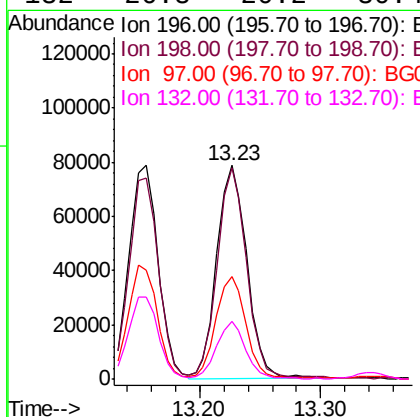
Manual Integrations
 APPROVED

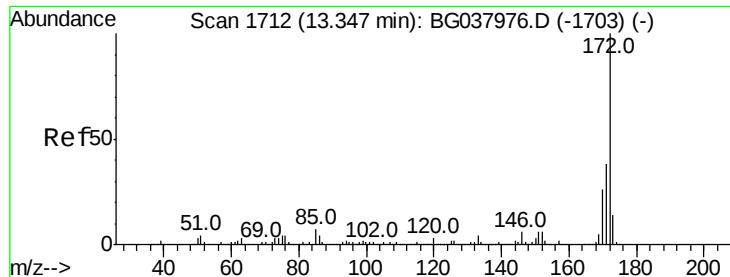
mohammad
 11/23/2018 11:50:22 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.212 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038134.D
 Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	135879		
198	98.9	74.2	111.2	
97	47.7	34.1	51.1	
132	26.8	20.2	30.4	





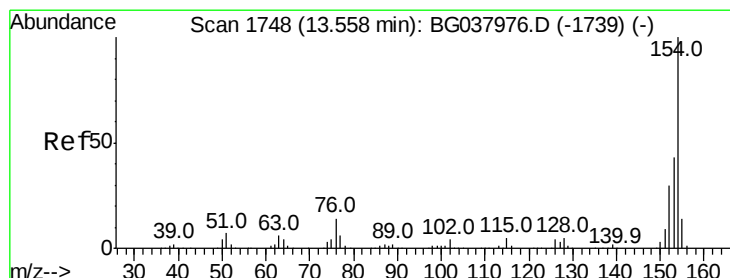
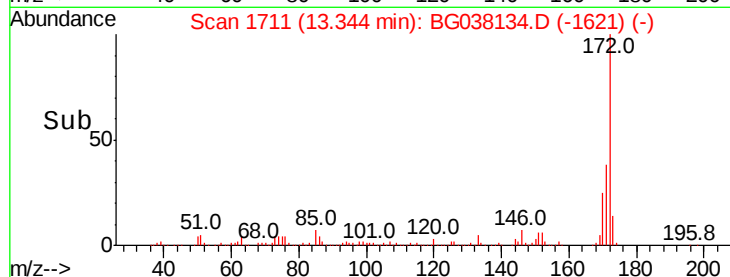
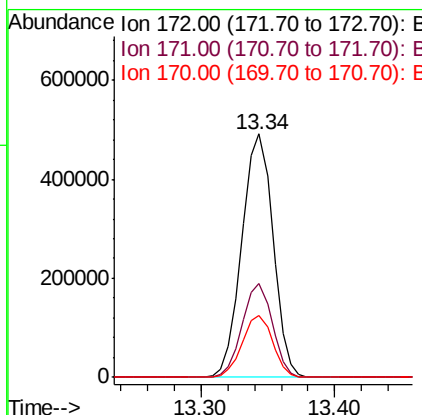
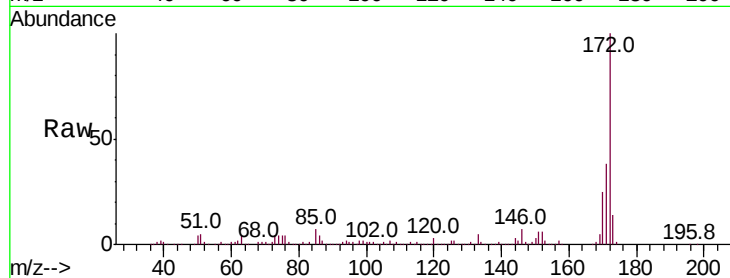
#45
2-Fluorobiphenyl
Concen: 81.993 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.2	20.2	30.2

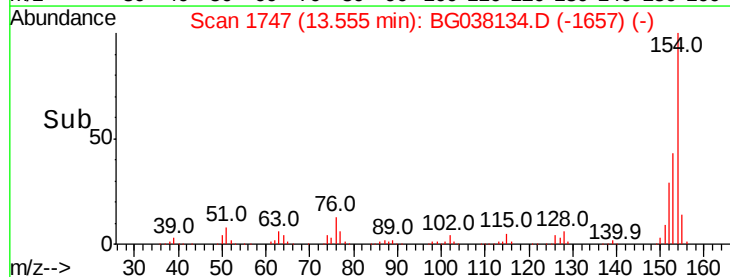
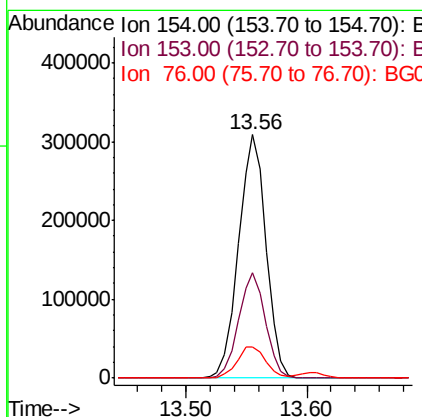
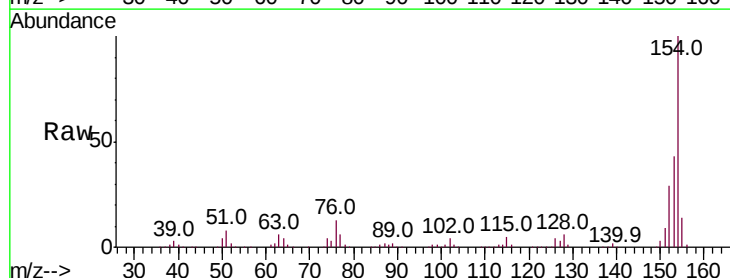
Manual Integrations
APPROVED

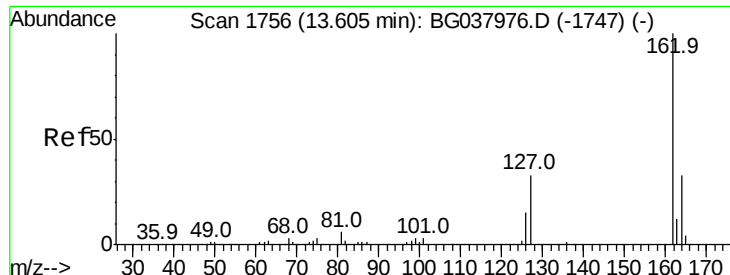
mohammad
11/23/2018 11:50:22 AM



#46
1,1'-Biphenyl
Concen: 41.170 ng
RT: 13.56 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	13.0	0.0	33.2





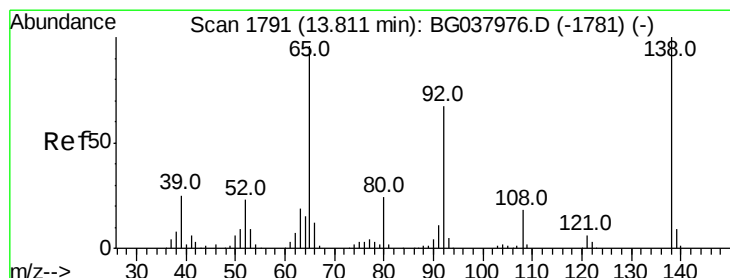
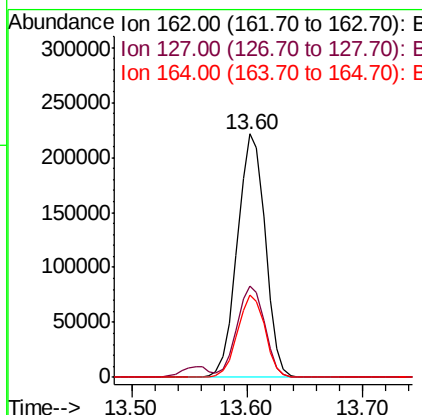
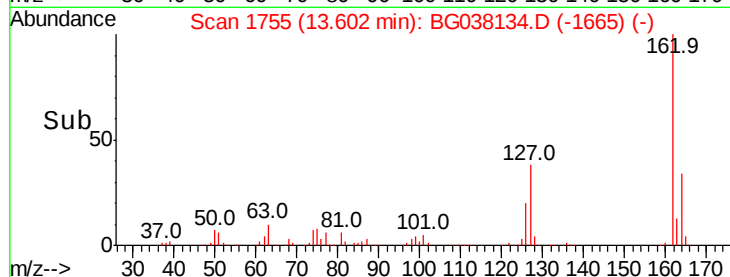
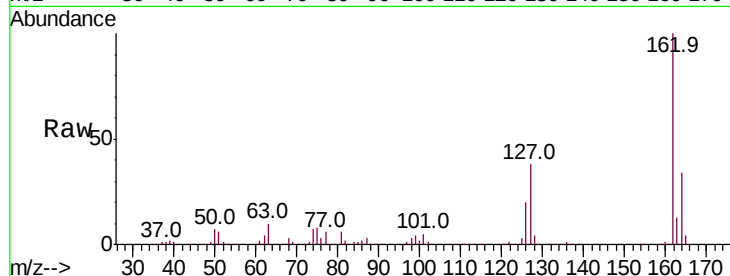
#47
 2-Chloronaphthalene
 Concen: 40.929 ng
 RT: 13.60 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG038134.D
 Acq: 22 Nov 2018 2:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	162	Resp:	370057
Ion Ratio	Lower	Upper	
162	100		
127	37.7	30.5	45.7
164	34.0	26.4	39.6

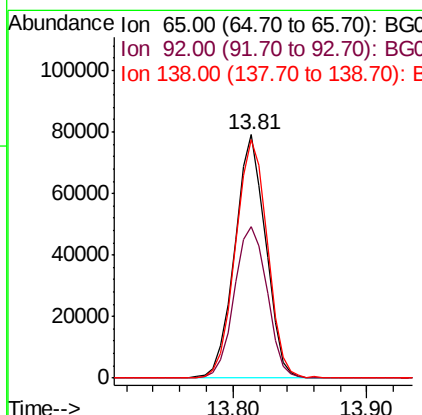
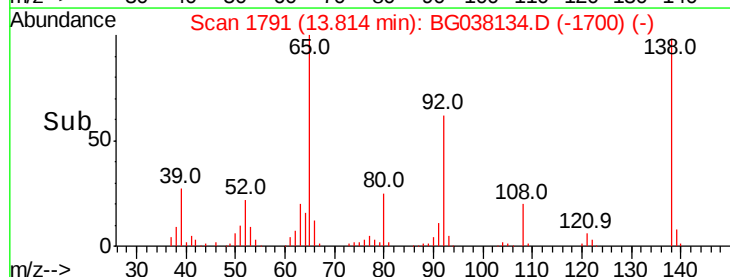
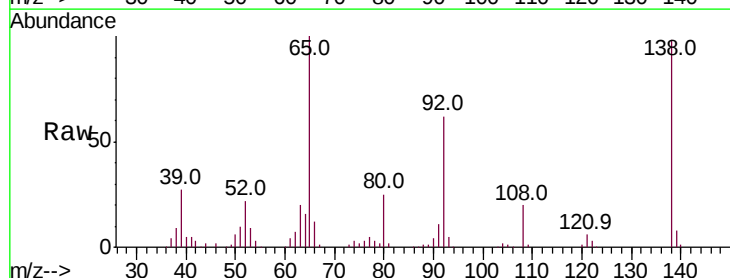
Manual Integrations
 APPROVED

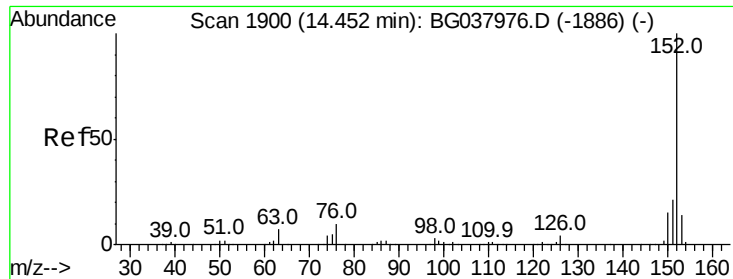
mohammad
 11/23/2018 11:50:22 AM



#48
 2-Nitroaniline
 Concen: 44.541 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038134.D
 Acq: 22 Nov 2018 2:10

Tgt Ion:	65	Resp:	126747
Ion Ratio	Lower	Upper	
65	100		
92	62.1	53.2	79.8
138	98.0	79.3	118.9





#49

Acenaphthylene

Concen: 41.112 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

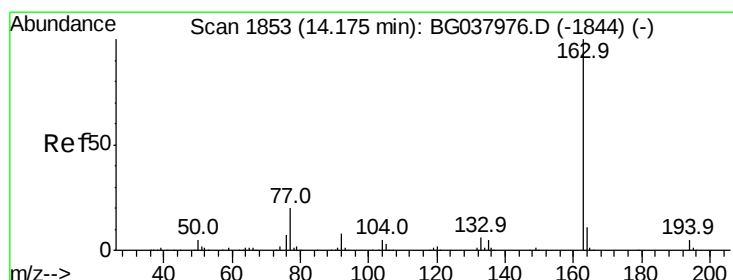
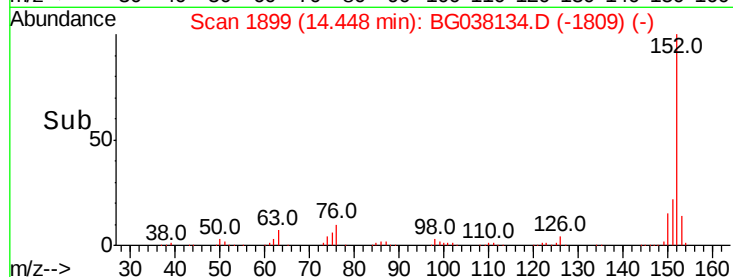
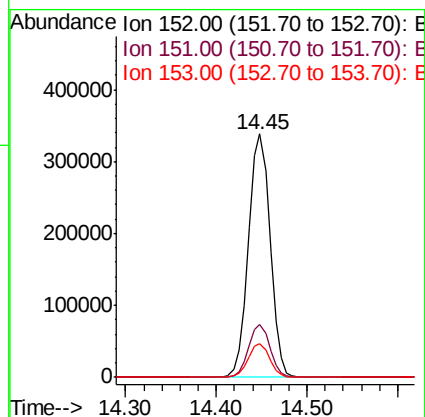
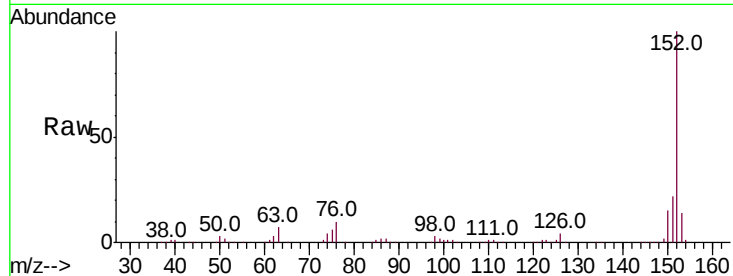
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	558971
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.1	25.7
153	13.7	11.1	16.7

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



#50

Dimethylphthalate

Concen: 40.429 ng

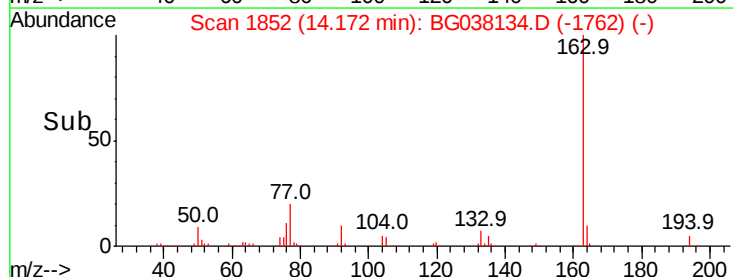
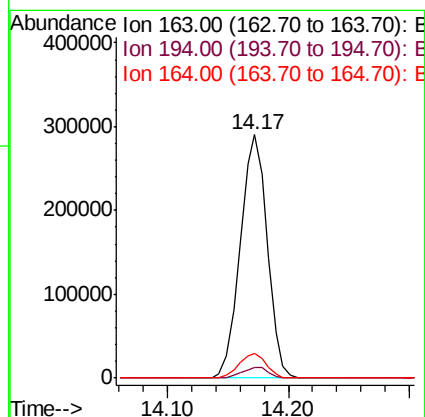
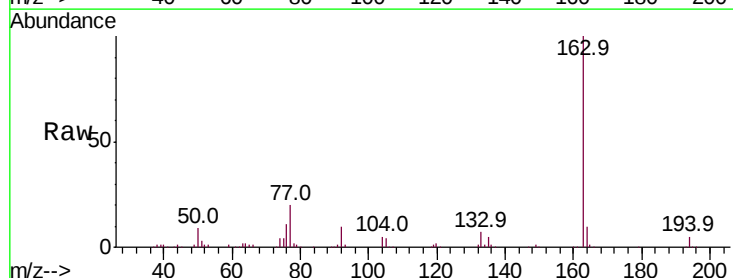
RT: 14.17 min Scan# 1852

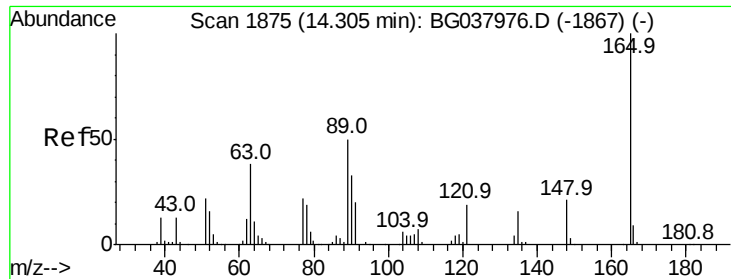
Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Tgt Ion:	163	Resp:	452034
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.3	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 41.776 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

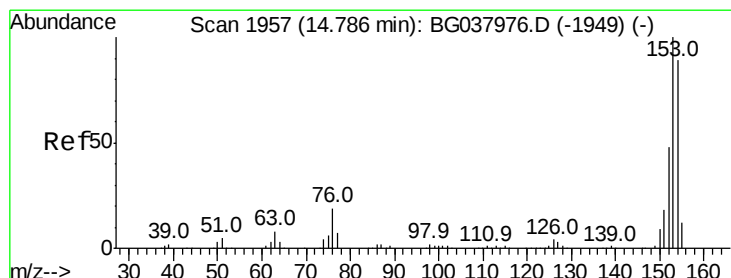
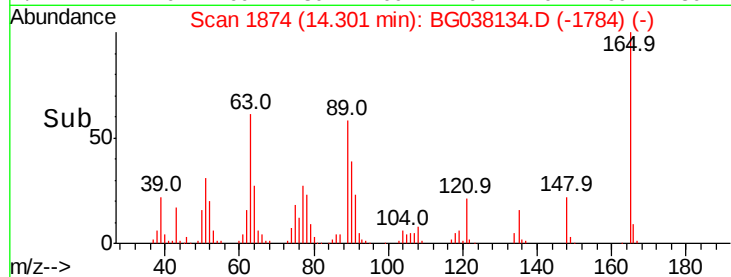
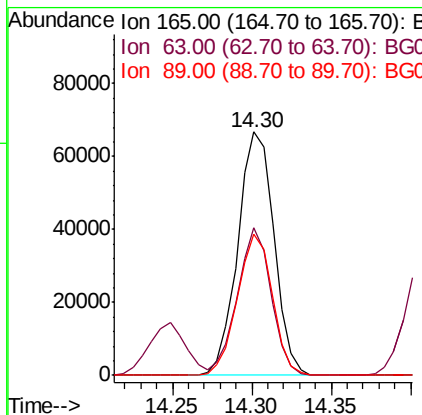
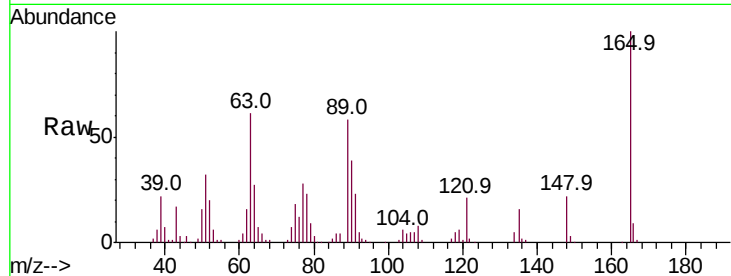
ClientSampleId :

SSTDCCC040EC

Tot Ion:	165	Resp:	105716
Ion Ratio	Lower	Upper	
165	100		
63	60.9	43.4	65.2
89	58.0	45.8	68.6

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



#52

Acenaphthene

Concen: 41.070 ng

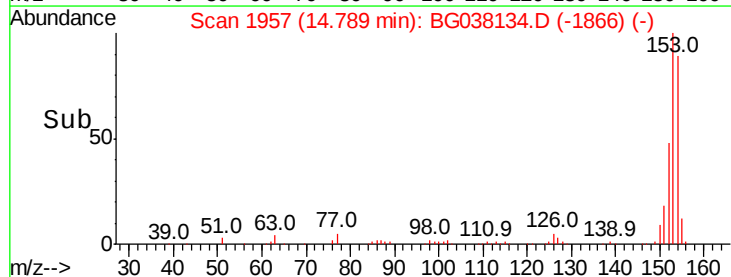
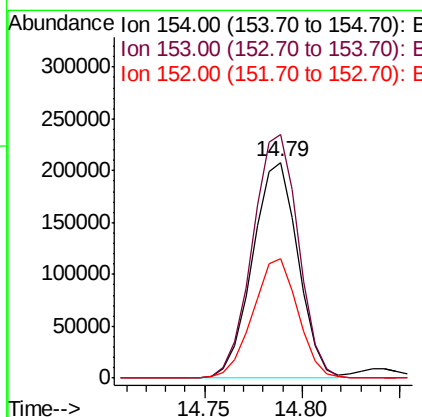
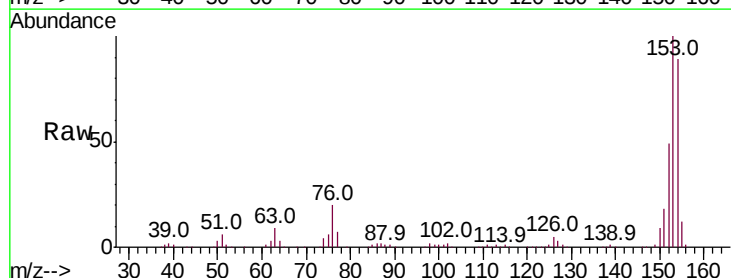
RT: 14.79 min Scan# 1957

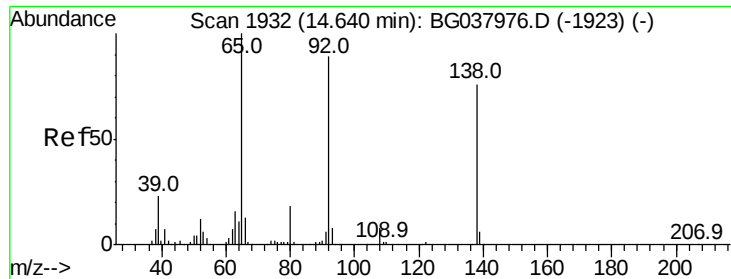
Delta R.T. 0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Tgt Ion:	154	Resp:	336173
Ion Ratio	Lower	Upper	
154	100		
153	113.0	93.4	140.0
152	55.6	44.7	67.1





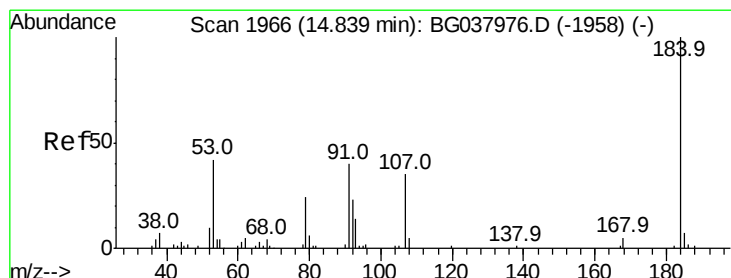
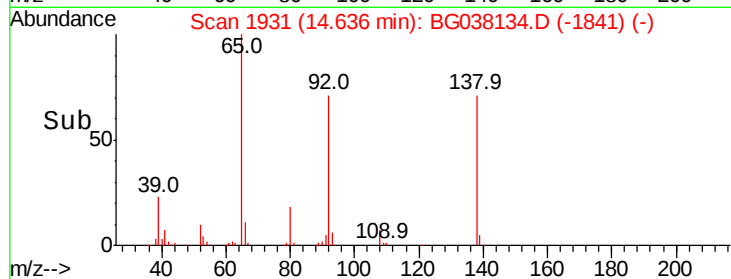
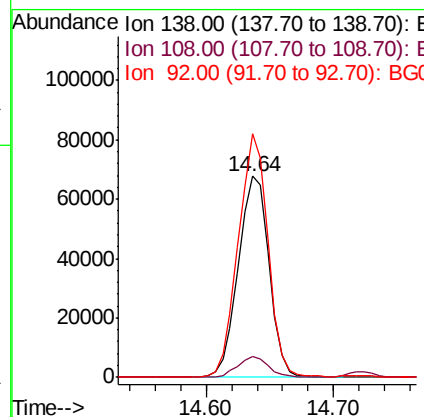
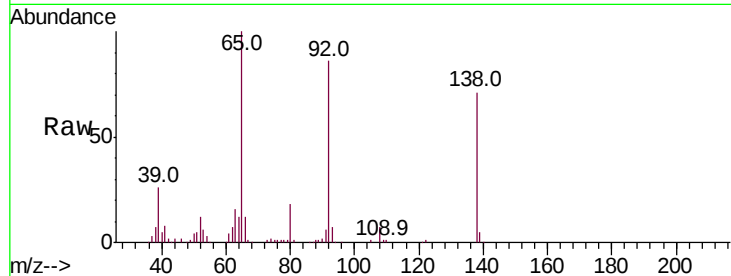
#53
3-Nitroaniline
Concen: 40.808 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	11.0	16.6#
92	121.0	95.2	142.8

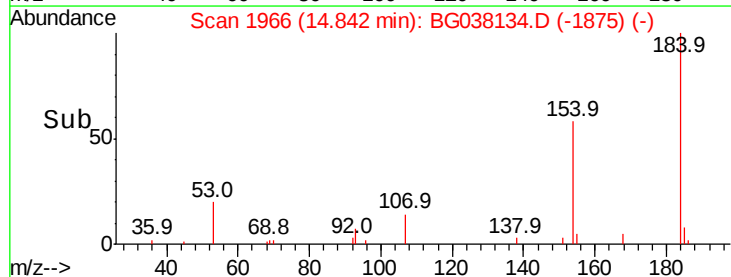
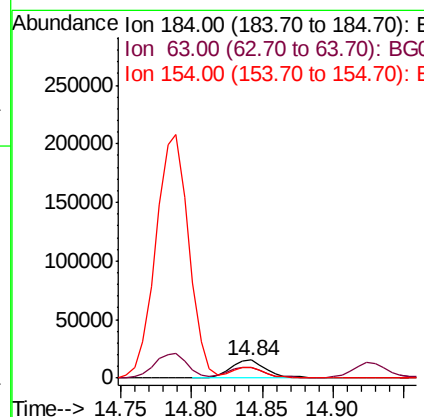
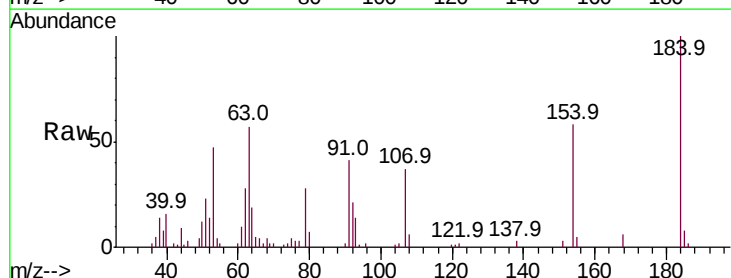
Manual Integrations
APPROVED

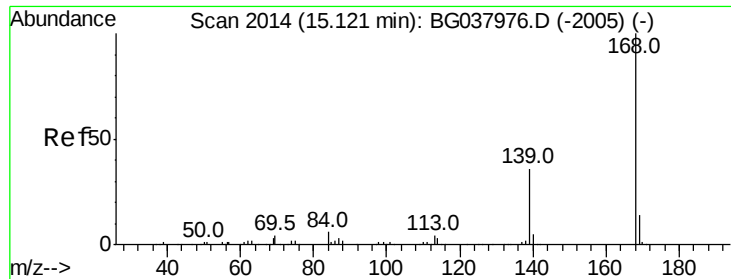
mohammad
11/23/2018 11:50:22 AM



#54
2,4-Dinitrophenol
Concen: 27.075 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.2	42.6	63.8
154	58.2	41.8	62.6





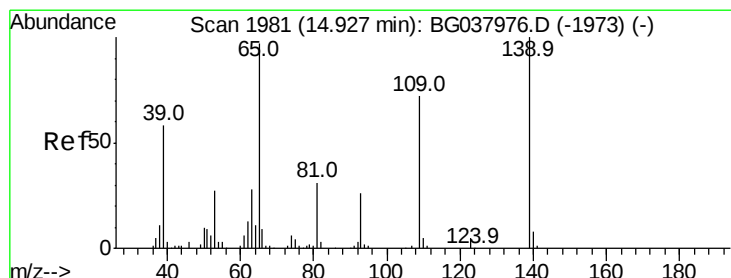
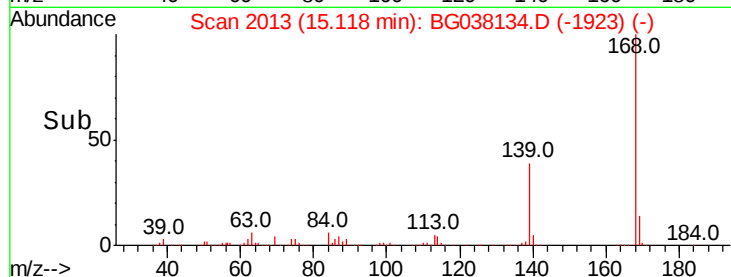
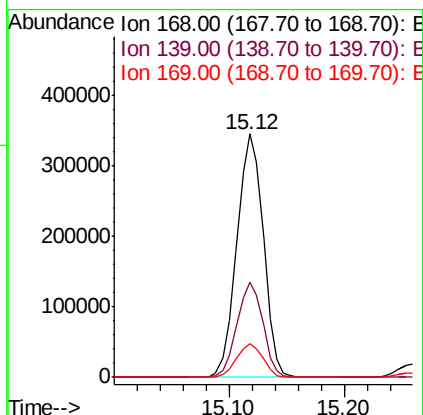
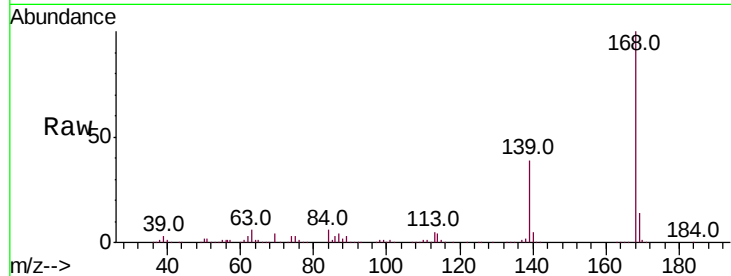
#55
Dibenzofuran
Concen: 40.457 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	29.4	44.0
169	13.9	11.0	16.6

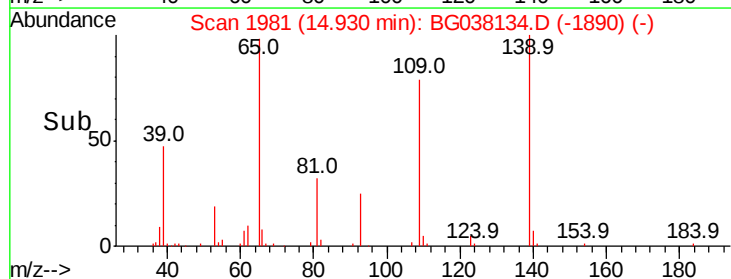
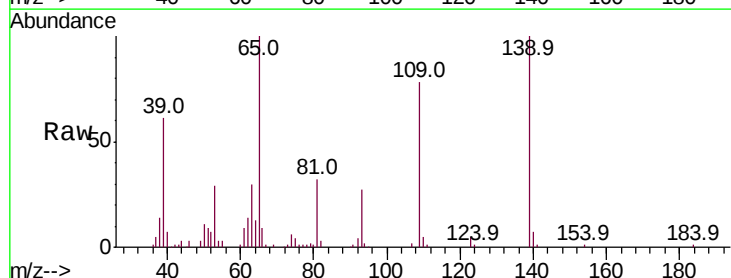
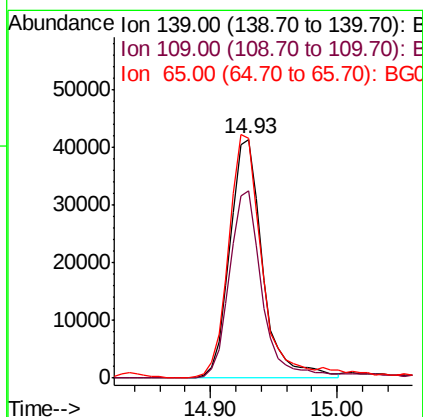
Manual Integrations
APPROVED

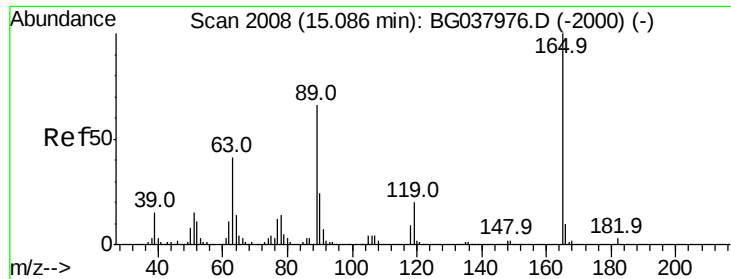
mohammad
11/23/2018 11:50:22 AM



#56
4-Nitrophenol
Concen: 34.475 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.6	49.5	89.5
65	100.2	76.8	116.8





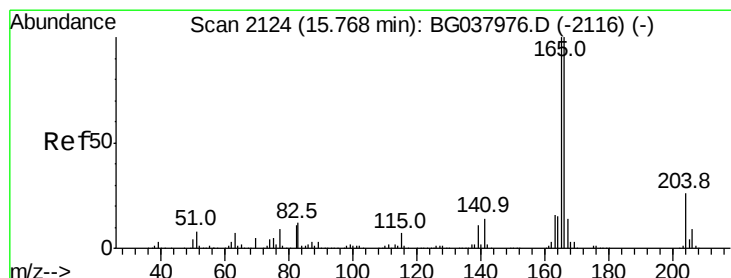
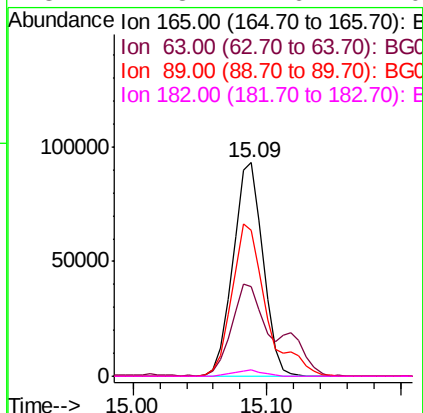
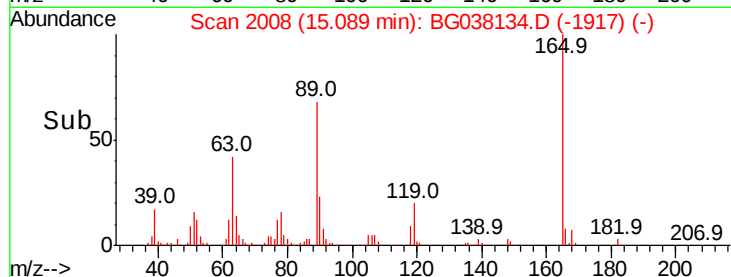
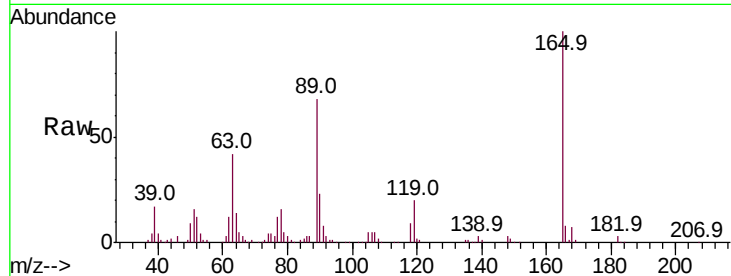
#57
 2,4-Dinitrotoluene
 Concen: 42.210 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BG038134.D
 Acq: 22 Nov 2018 2:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	145332		
63	42.1	33.4	50.0	
89	68.4	57.2	85.8	
182	2.8	2.6	4.0	

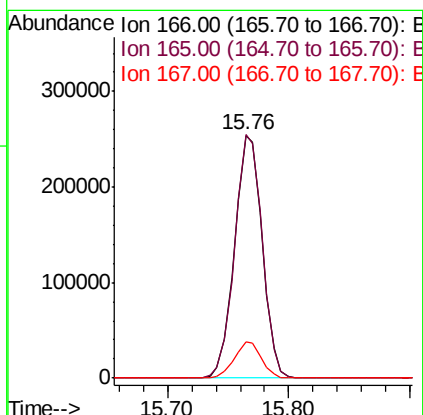
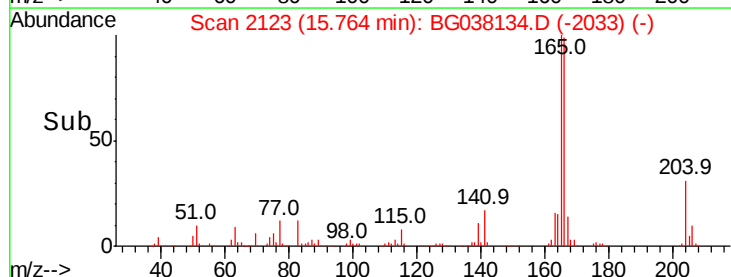
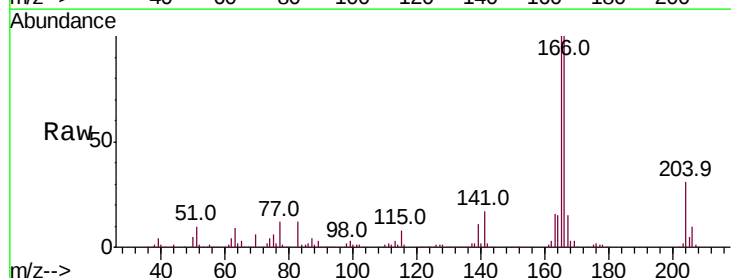
Manual Integrations
 APPROVED

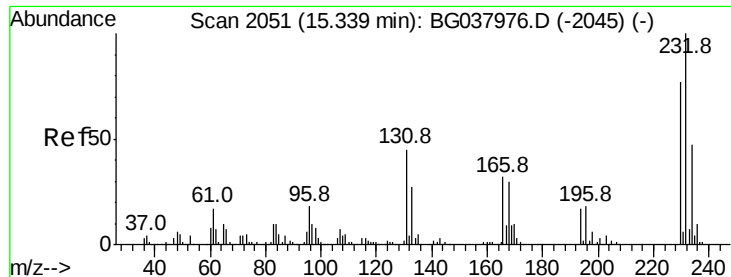
mohammad
 11/23/2018 11:50:22 AM



#58
 Fluorene
 Concen: 40.165 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG038134.D
 Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	405611		
165	100.4	79.0	118.6	
167	14.8	11.3	16.9	





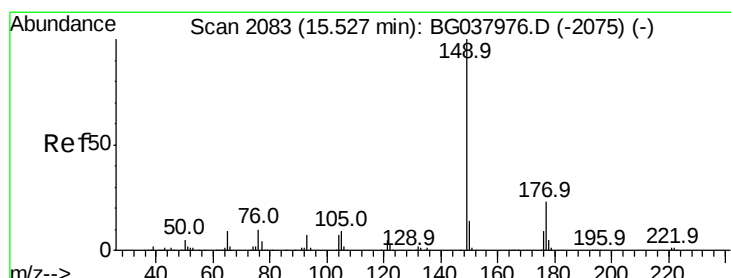
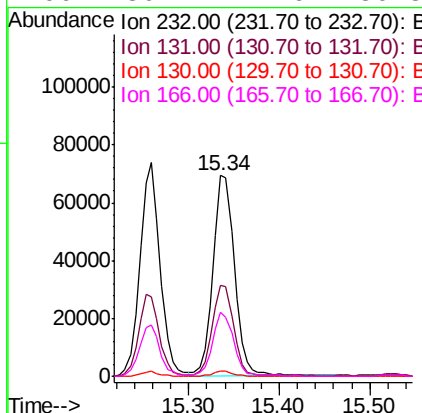
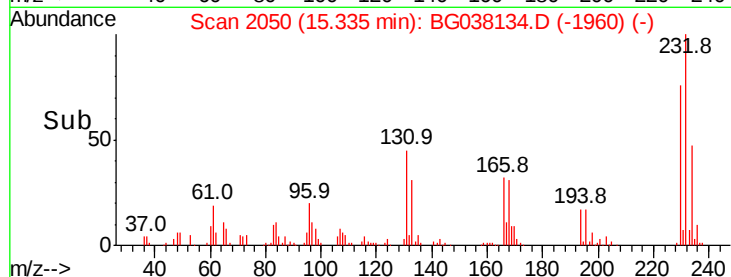
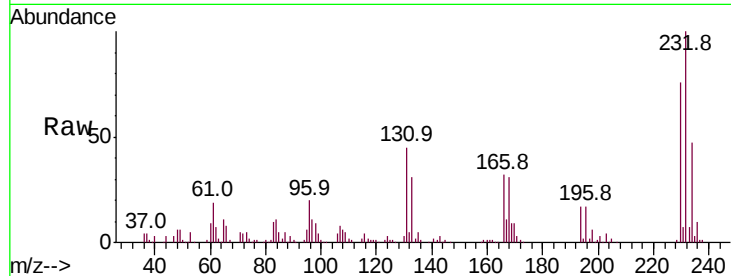
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.465 ng
 RT: 15.34 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG038134.D
 Acq: 22 Nov 2018 2:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
232	100	114415		
131	44.6	33.7	50.5	
130	2.6	2.1	3.1	
166	30.4	24.6	36.8	

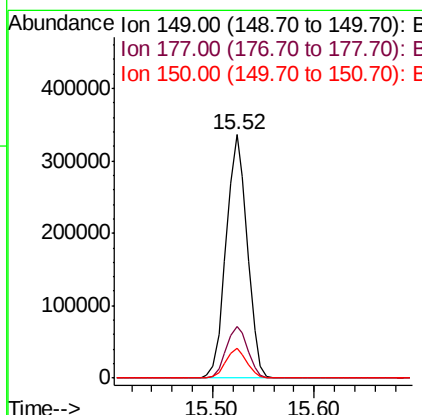
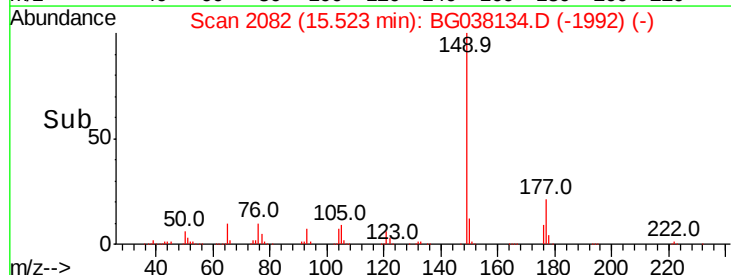
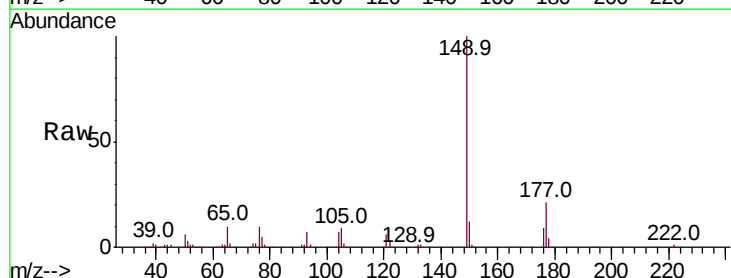
Manual Integrations
 APPROVED

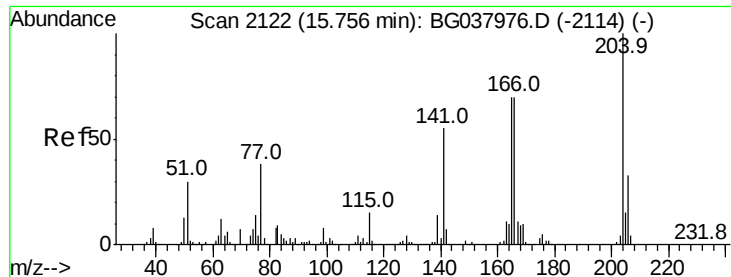
mohammad
 11/23/2018 11:50:22 AM



#60
 Diethylphthalate
 Concen: 40.851 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038134.D
 Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	485144		
177	21.3	18.3	27.5	
150	12.3	10.0	15.0	





#61

4-Chlorophenyl-phenylether

Concen: 39.974 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

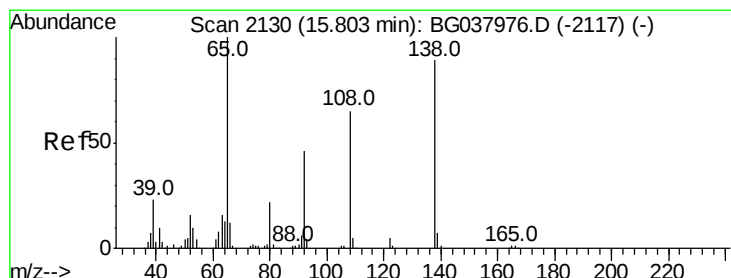
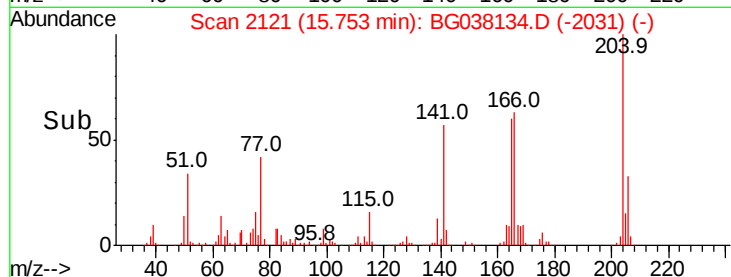
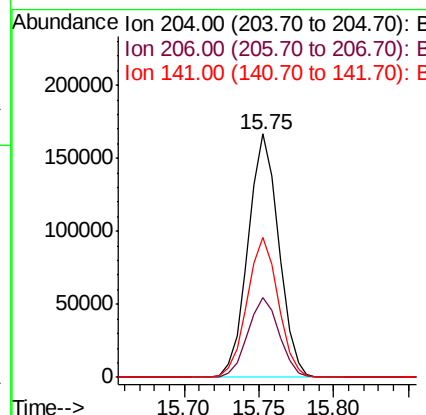
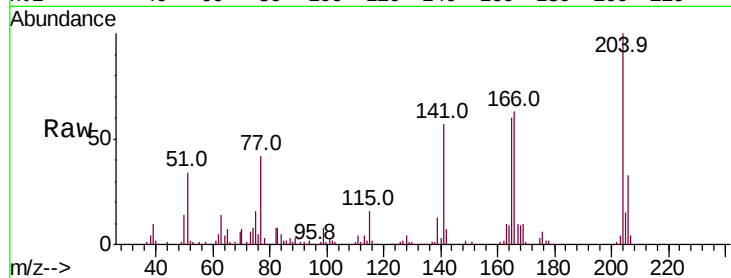
ClientSampleId :

SSTDCCC040EC

Tot Ion:	204	Resp:	236207
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.6	39.8
141	57.3	45.4	68.2

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



#62

4-Nitroaniline

Concen: 42.682 ng

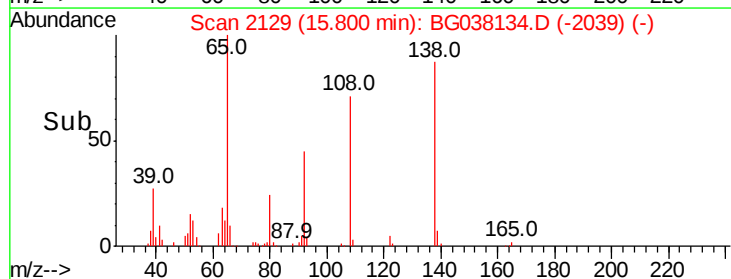
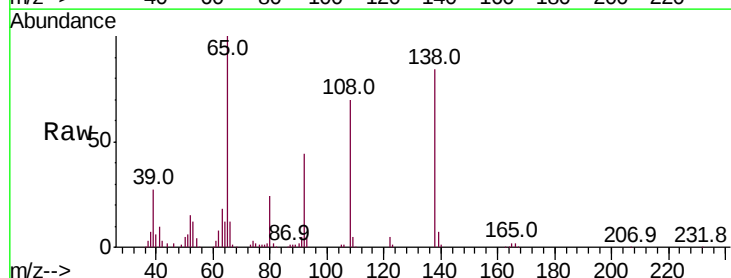
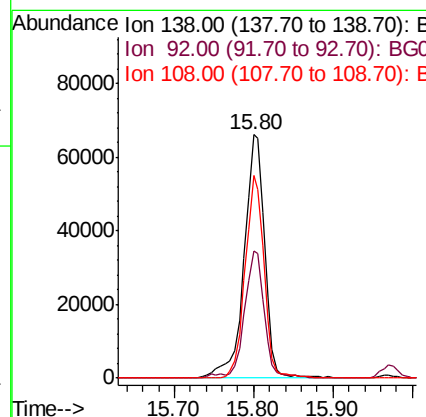
RT: 15.80 min Scan# 2129

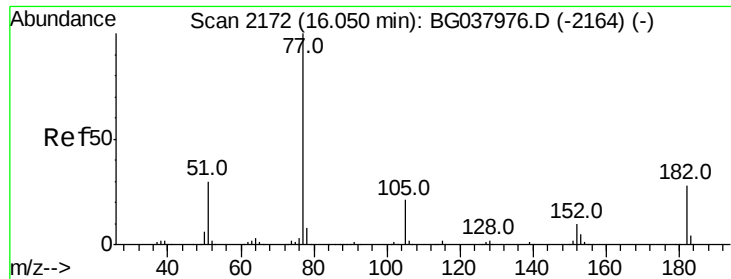
Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Tgt Ion:	138	Resp:	118397
Ion Ratio	Lower	Upper	
138	100		
92	52.2	36.4	76.4
108	83.3	60.1	100.1





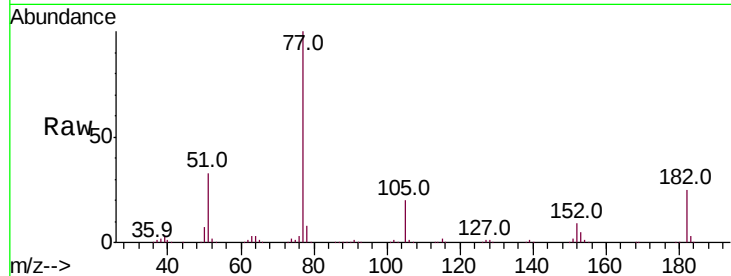
#63
Azobenzene
Concen: 42.253 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

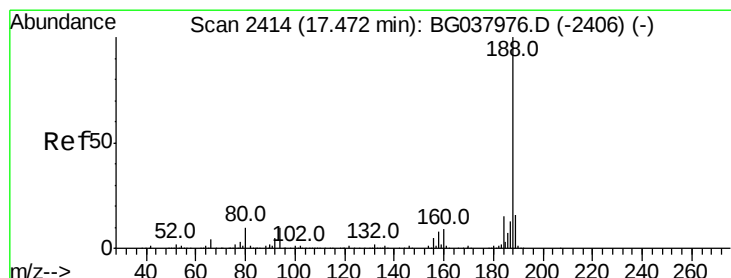
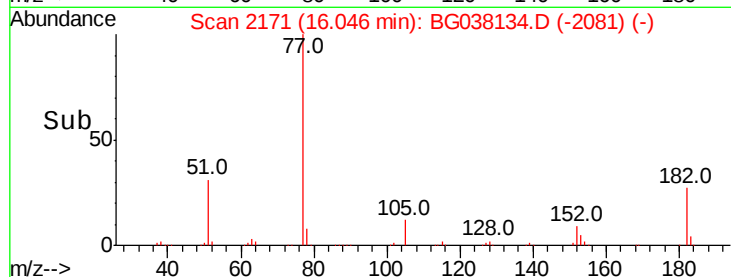
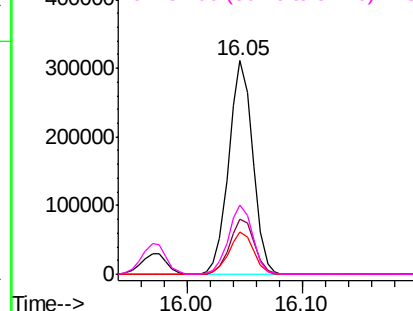
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.5	8.0	48.0
105	20.0	1.3	41.3
51	32.6	10.7	50.7

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



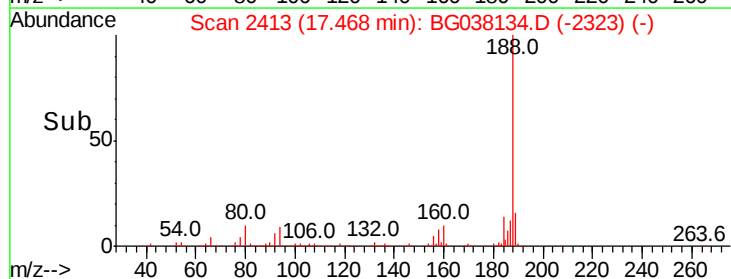
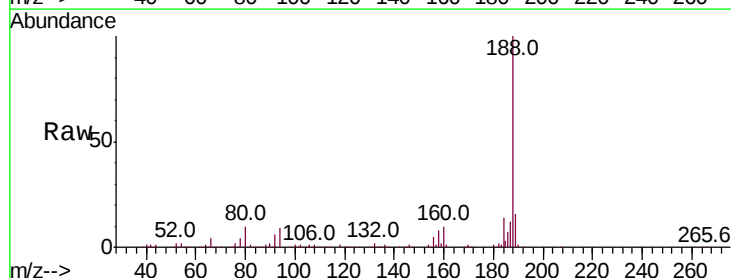
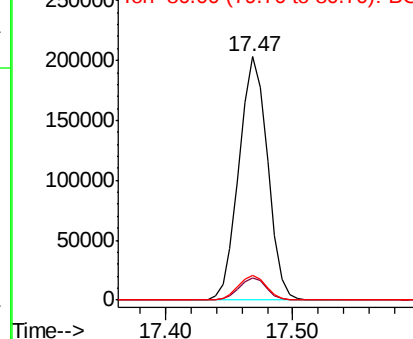
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

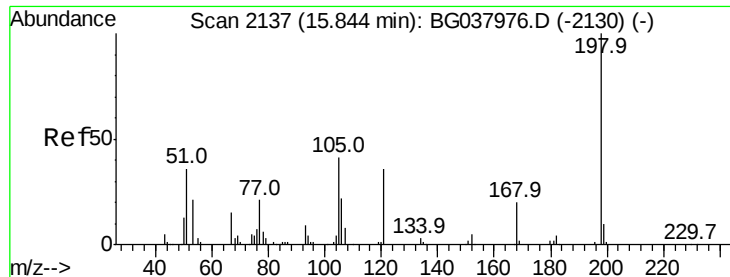


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.9	7.7	11.5

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





#65

4,6-Dinitro-2-methylphenol

Concen: 31.349 ng

RT: 15.85 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:198 Resp: 62899

Ion Ratio Lower Upper

198 100

51 46.4 22.7 62.7

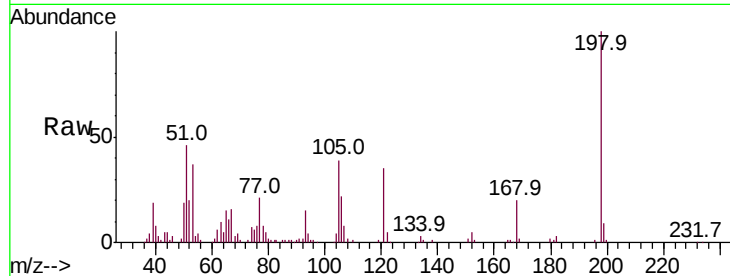
105 38.7 19.7 59.7

Manual Integrations

APPROVED

mohammad

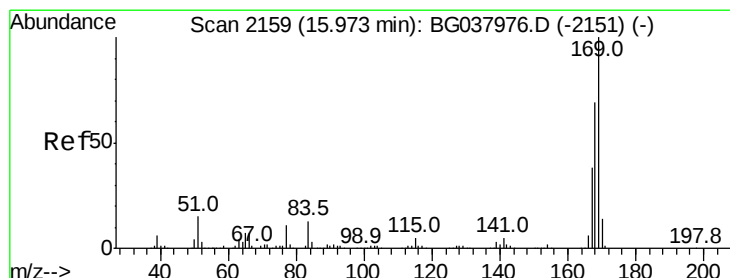
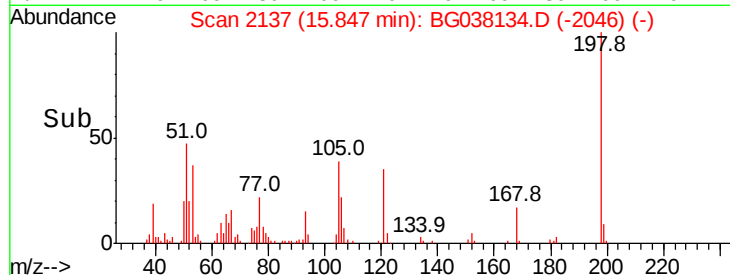
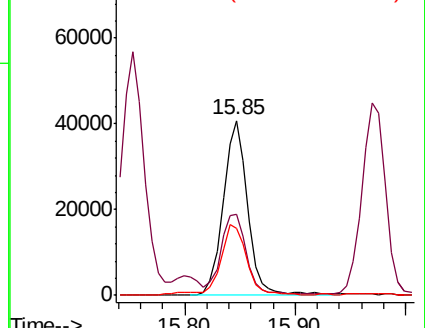
11/23/2018 11:50:22 AM



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: 41.705 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

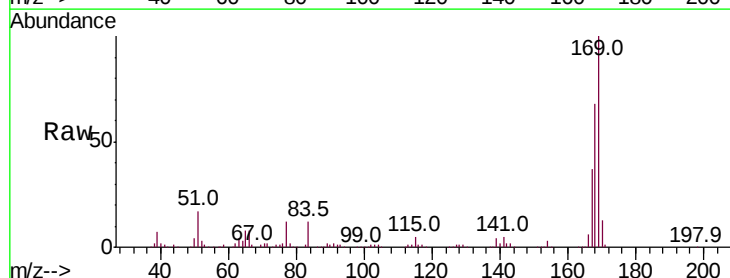
Tgt Ion:169 Resp: 400230

Ion Ratio Lower Upper

169 100

168 67.9 55.7 83.5

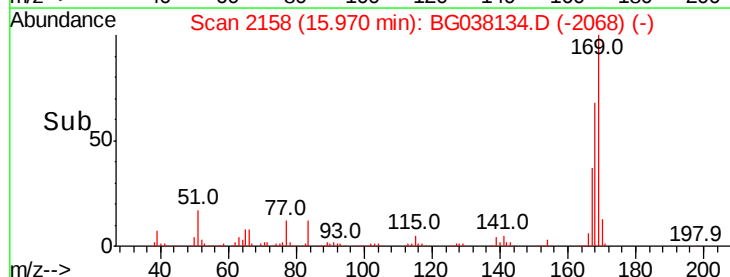
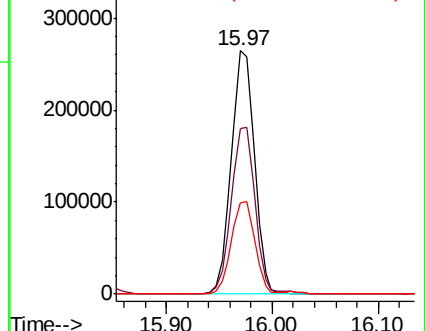
167 37.5 31.3 46.9

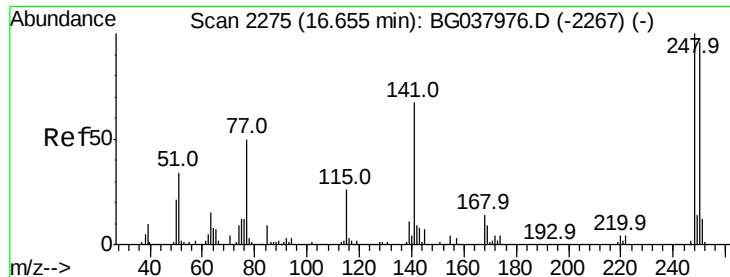


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.677 ng

RT: 16.65 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

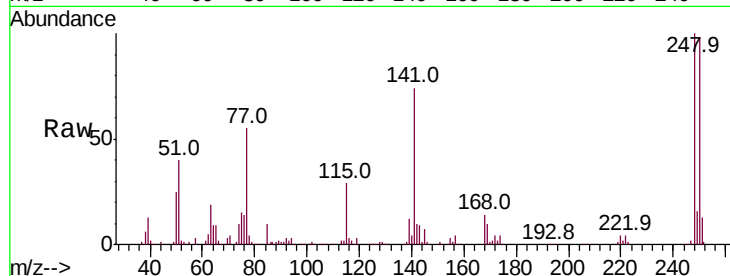
ClientSampleId :

SSTDCCC040EC

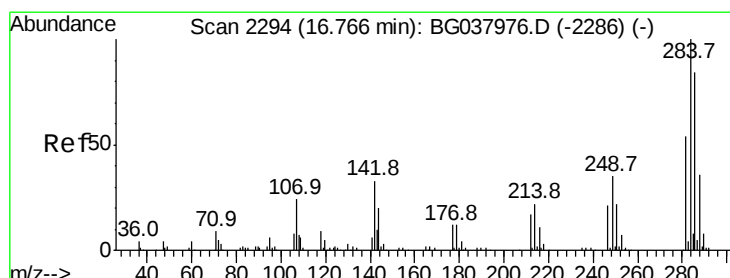
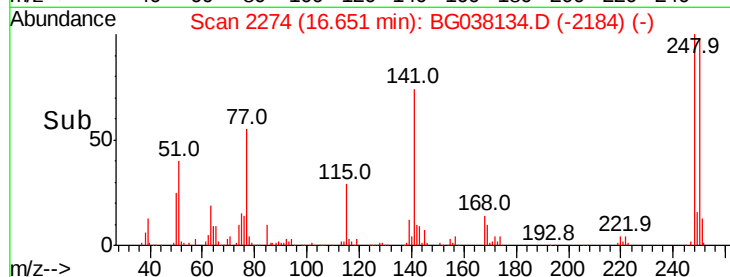
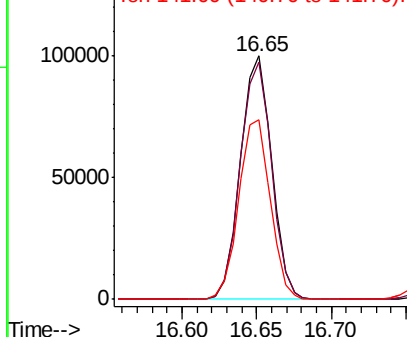
Tot Ion:	248	Resp:	145110
Ion Ratio	Lower	Upper	
248	100		
250	97.6	77.0	115.6
141	73.7	55.5	83.3

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.579 ng

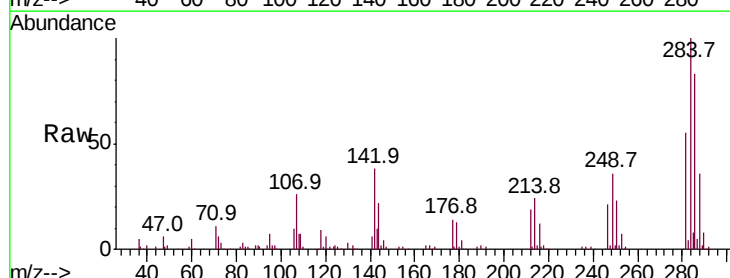
RT: 16.76 min Scan# 2293

Delta R.T. -0.00 min

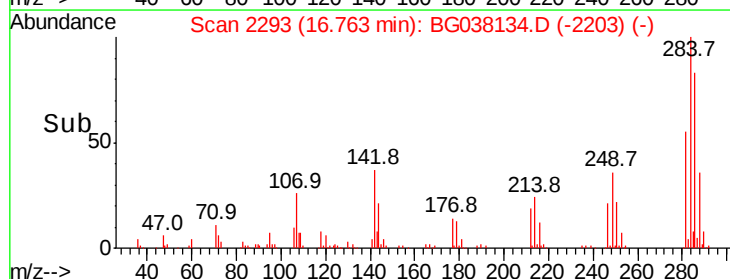
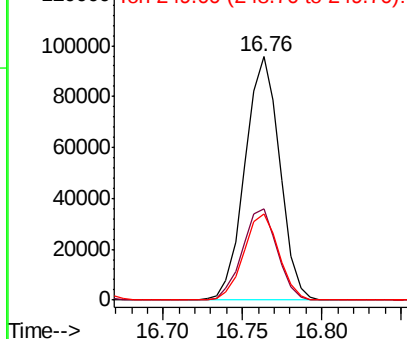
Lab File: BG038134.D

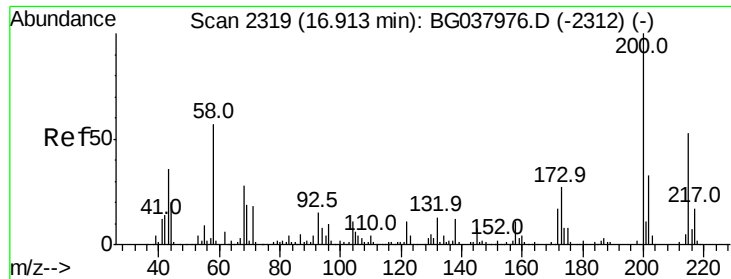
Acq: 22 Nov 2018 2:10

Tgt Ion:	284	Resp:	145835
Ion Ratio	Lower	Upper	
284	100		
142	37.7	28.1	42.1
249	37.7	29.8	44.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





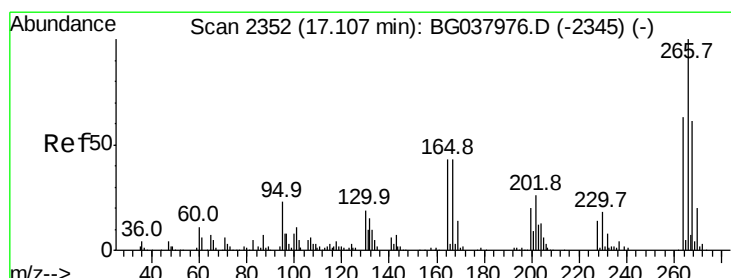
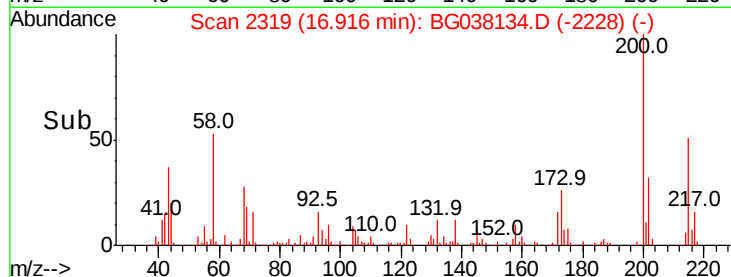
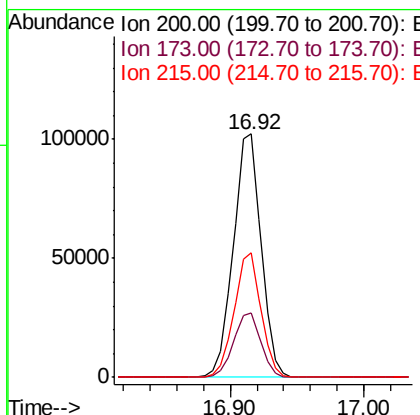
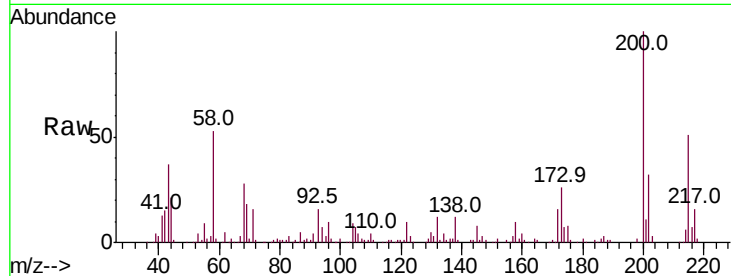
#69
Atrazine
Concen: 41.809 ng
RT: 16.92 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.1	46.1
215	51.0	30.8	70.8

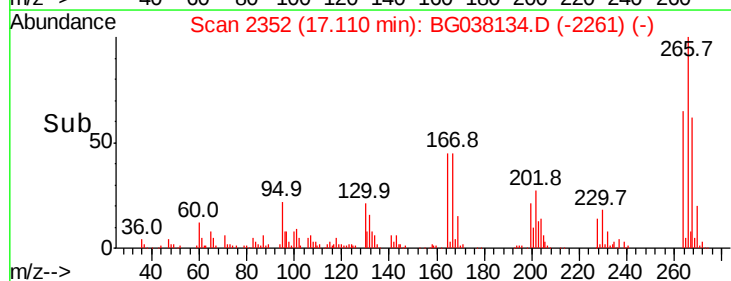
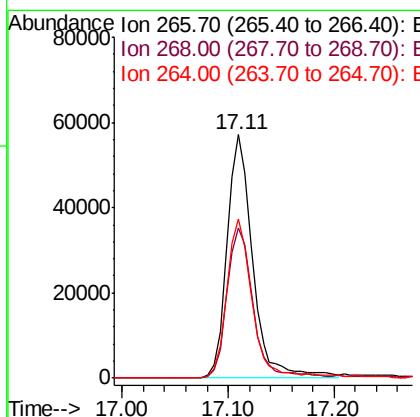
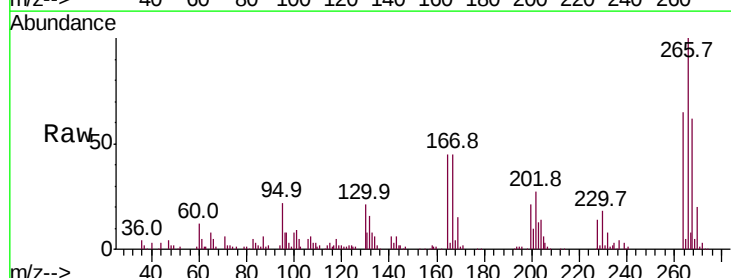
Manual Integrations
APPROVED

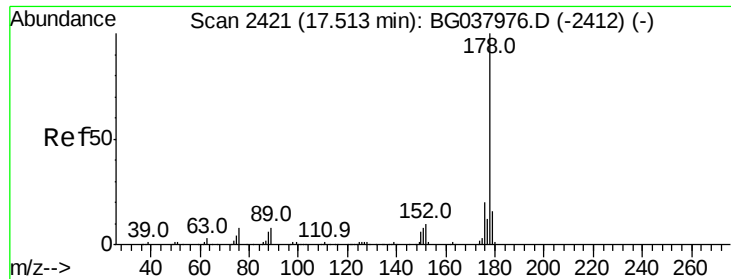
mohammad
11/23/2018 11:50:22 AM



#70
Pentachlorophenol
Concen: 39.243 ng
RT: 17.11 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	55.0	82.6
264	65.3	58.9	88.3





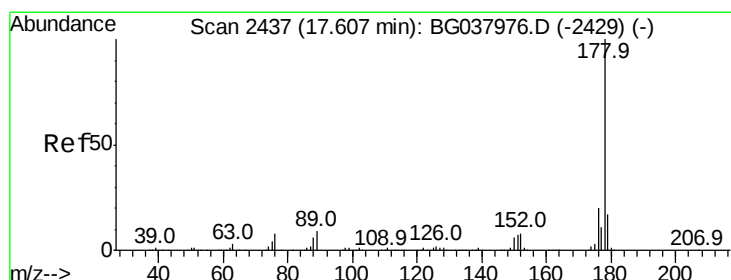
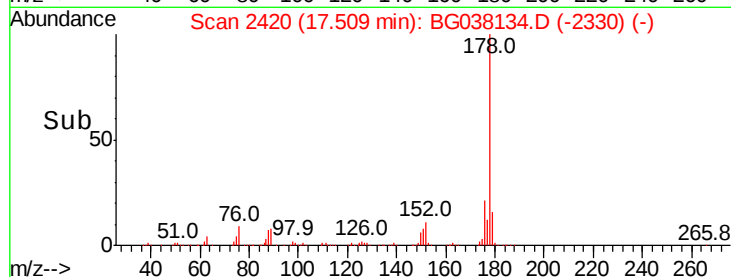
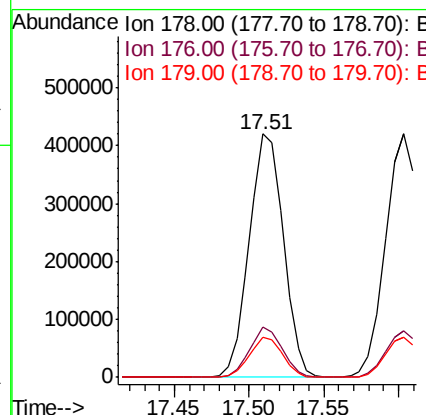
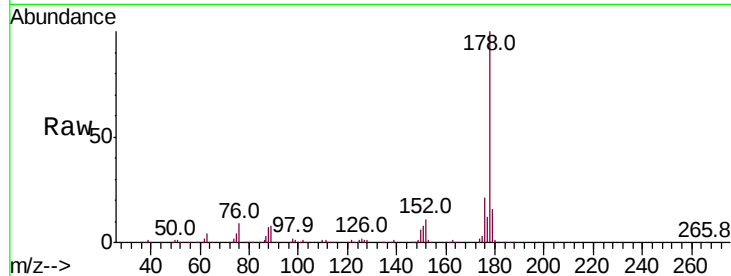
#71
Phenanthrene
Concen: 41.031 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.1	24.1
179	16.2	13.0	19.4

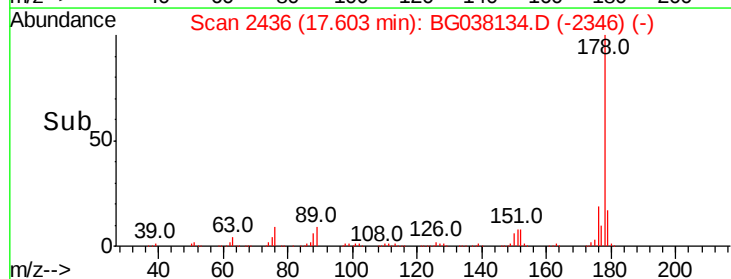
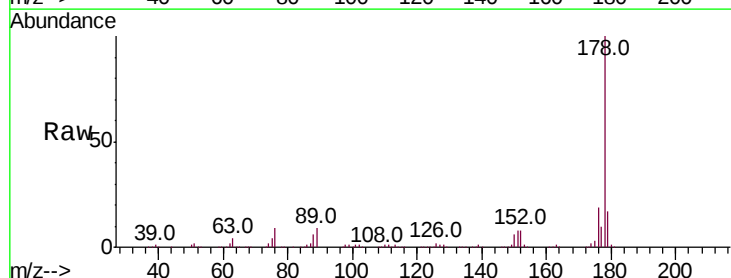
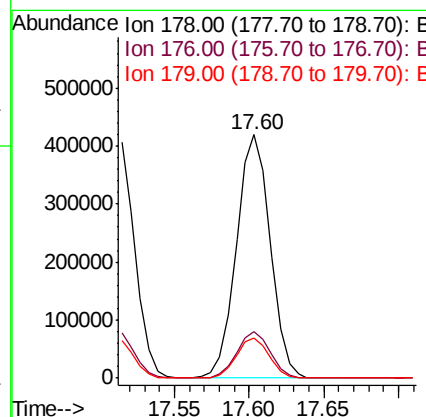
Manual Integrations
APPROVED

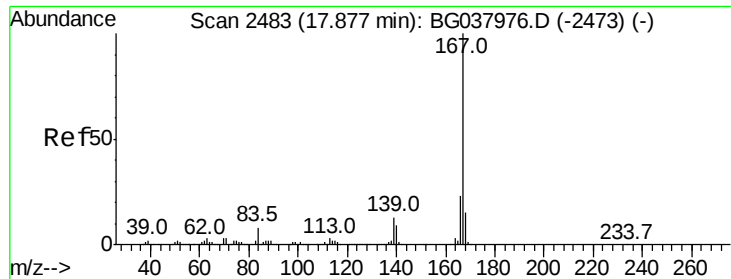
mohammad
11/23/2018 11:50:22 AM



#72
Anthracene
Concen: 41.129 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	16.6	12.8	19.2





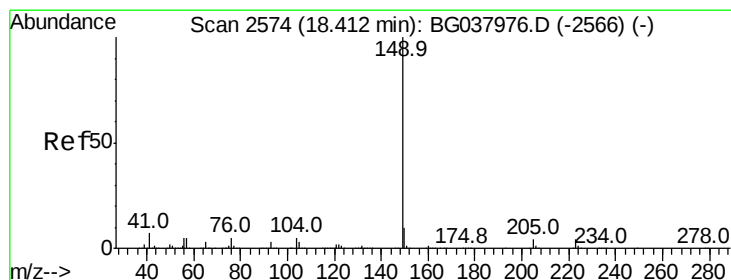
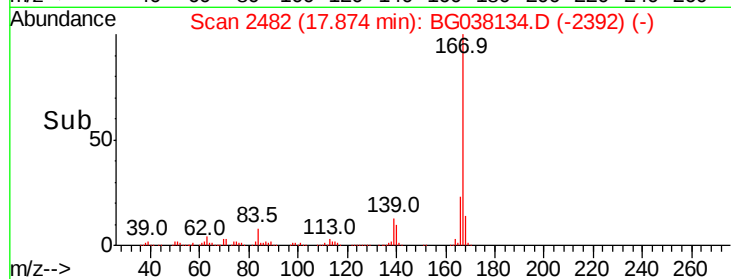
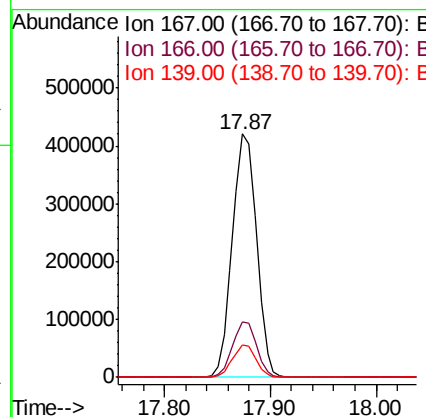
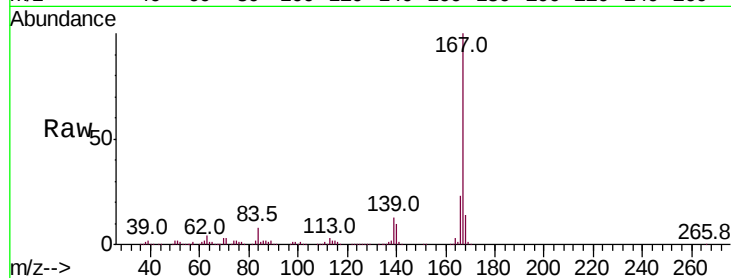
#73
 Carbazole
 Concen: 41.699 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG038134.D
 Acq: 22 Nov 2018 2:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.3	27.5
139	13.3	10.5	15.7

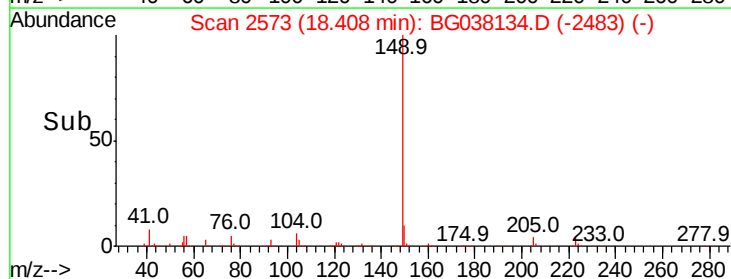
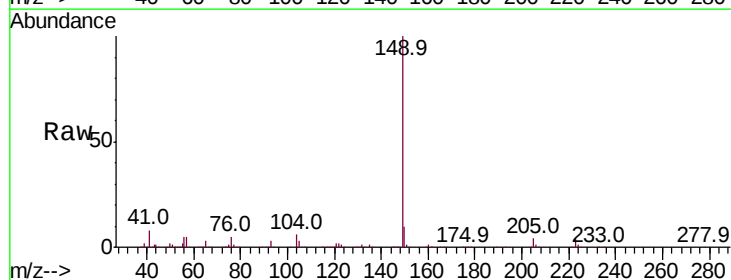
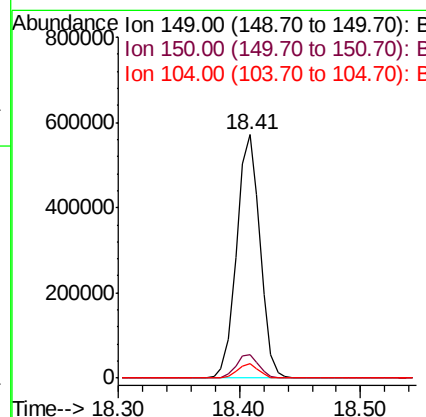
Manual Integrations
 APPROVED

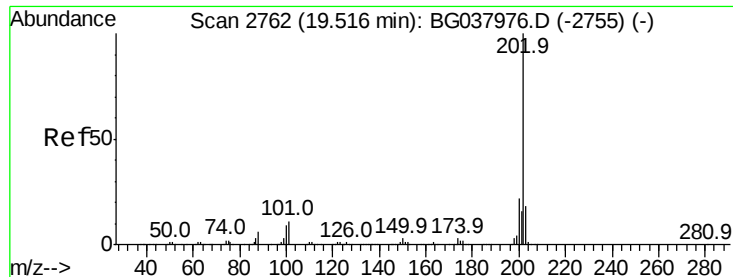
mohammad
 11/23/2018 11:50:22 AM



#74
 Di-n-butylphthalate
 Concen: 42.520 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG038134.D
 Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.7	4.0	6.0





#75

Fluoranthene

Concen: 41.297 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

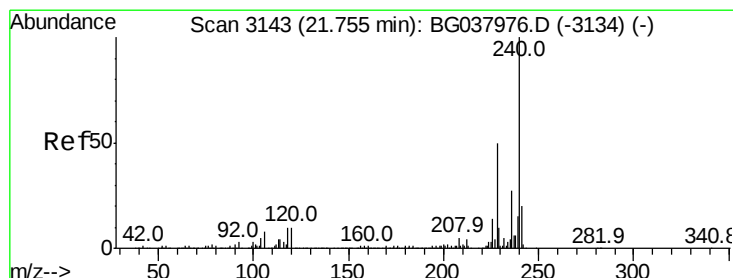
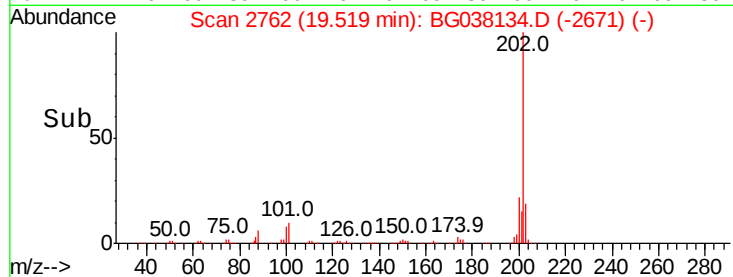
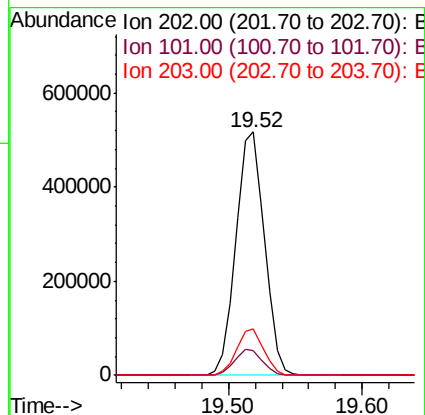
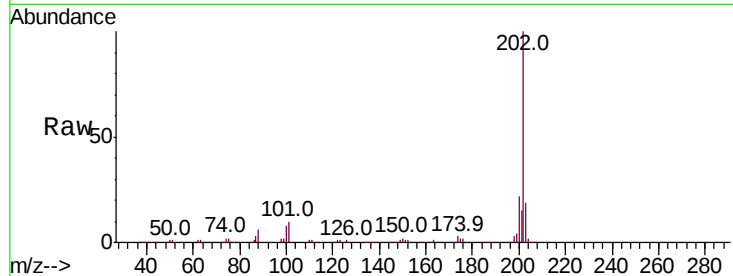
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	765231
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	30.7
203	18.9	0.0	38.5

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



#76

Chrysene-d12

Concen: 20.000 ng

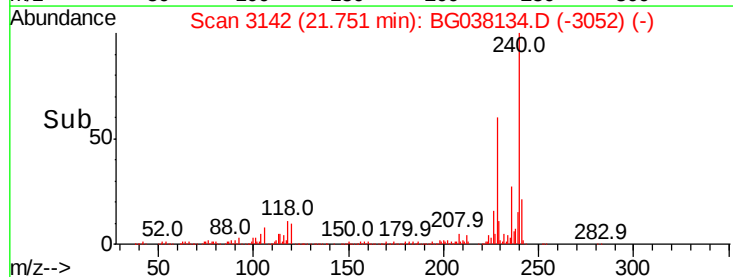
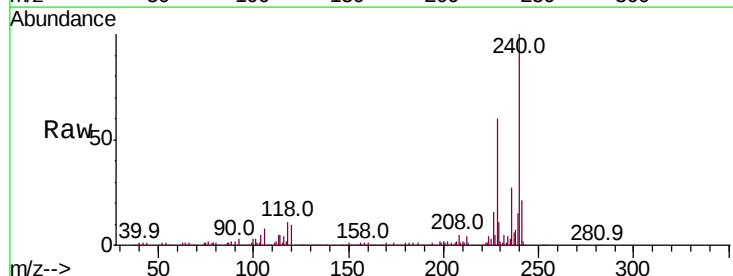
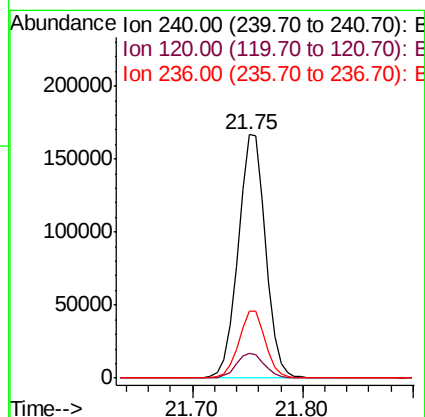
RT: 21.75 min Scan# 3142

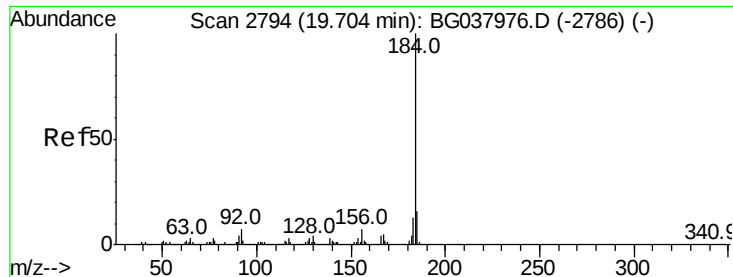
Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Tgt Ion:	240	Resp:	291108
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.1	12.1
236	27.4	21.4	32.0





#77

Benzidine

Concen: 38.175 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

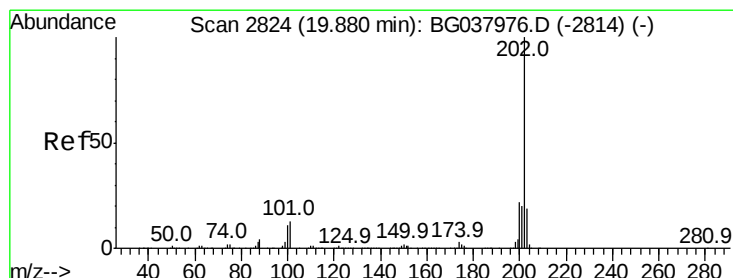
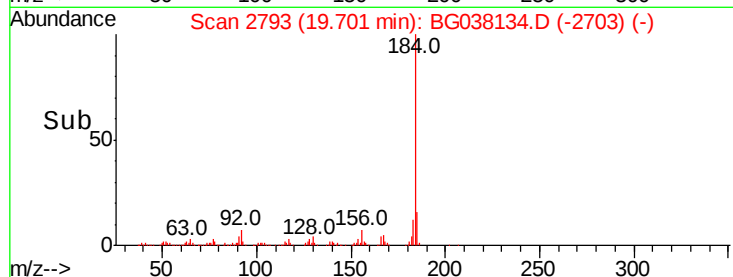
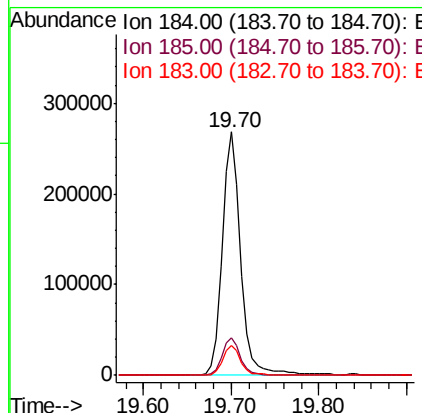
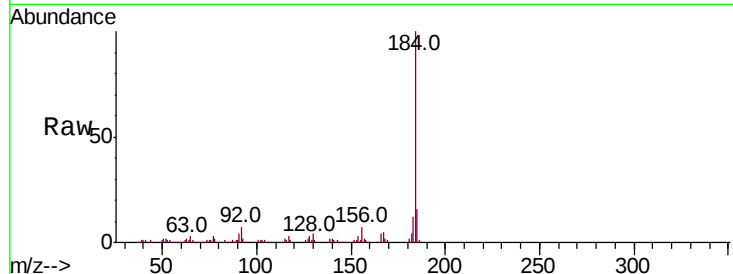
ClientSampleId :

SSTDCCC040EC

Tot Ion:	184	Resp:	389951
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.6	18.8
183	12.2	10.2	15.2

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



#78

Pyrene

Concen: 41.138 ng

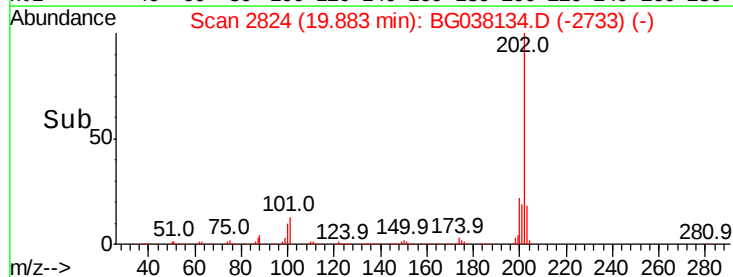
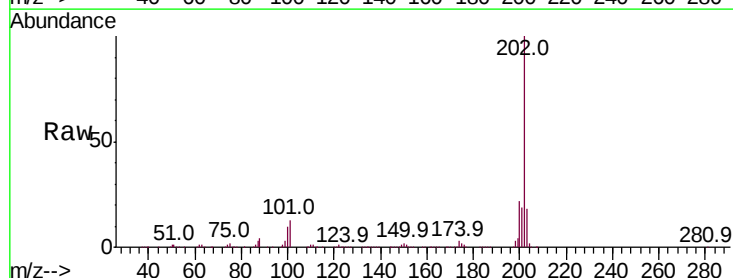
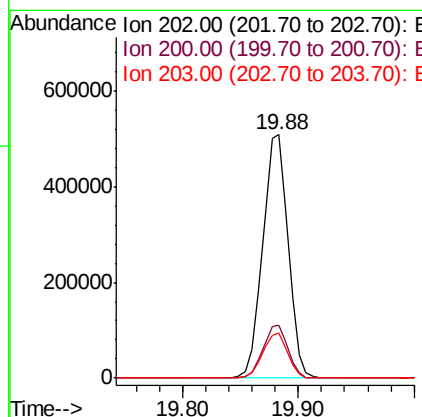
RT: 19.88 min Scan# 2824

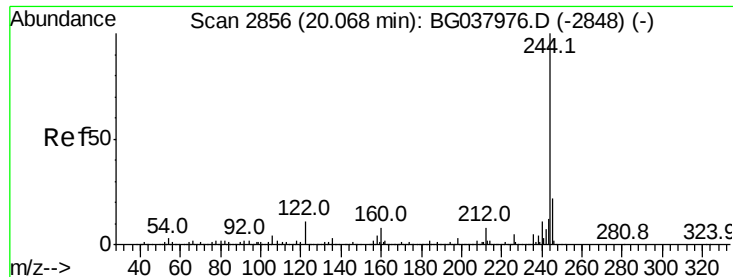
Delta R.T. 0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Tgt Ion:	202	Resp:	782973
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.8	26.6
203	18.4	15.2	22.8





#79

Terphenyl-d14

Concen: 82.138 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1016194

Ion Ratio Lower Upper

244 100

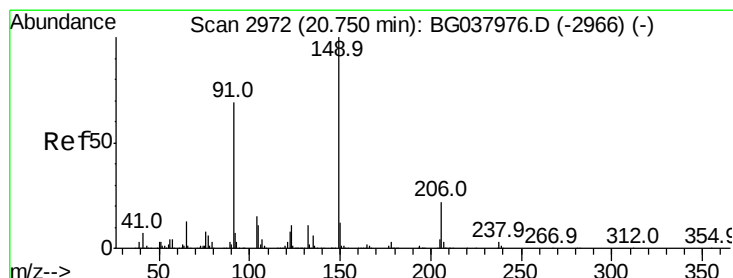
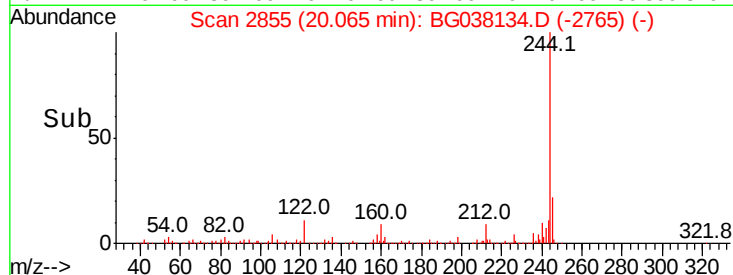
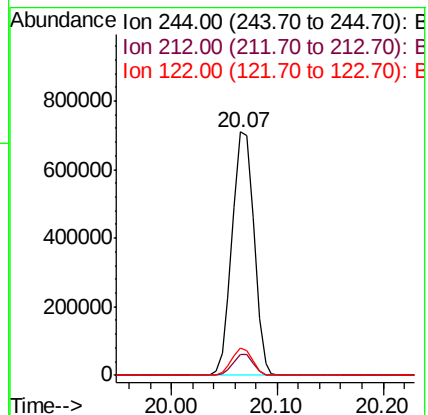
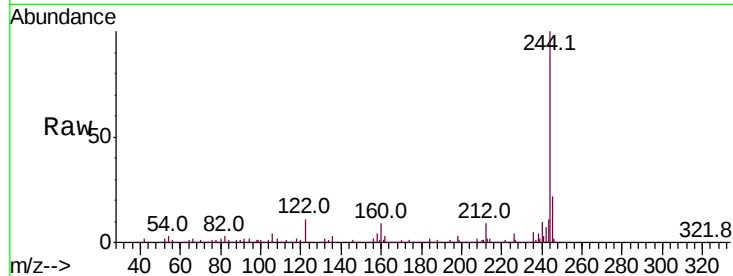
212 8.6 6.5 9.7

122 11.2 9.0 13.4

Manual Integrations
APPROVED

mohammad

11/23/2018 11:50:22 AM



#80

Butylbenzylphthalate

Concen: 42.931 ng

RT: 20.75 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

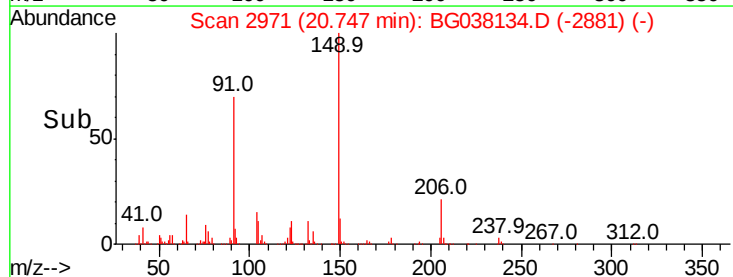
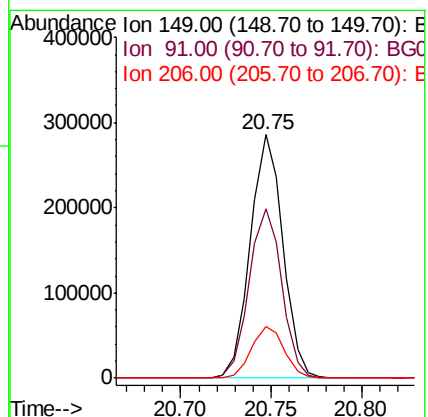
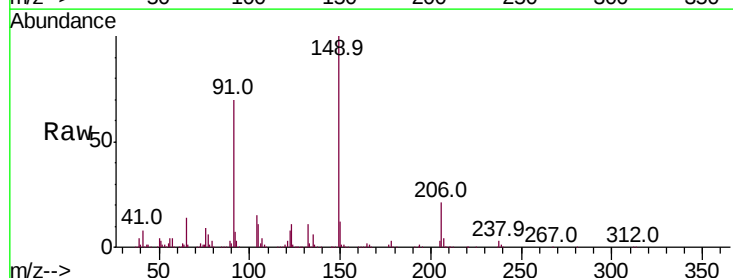
Tgt Ion:149 Resp: 357334

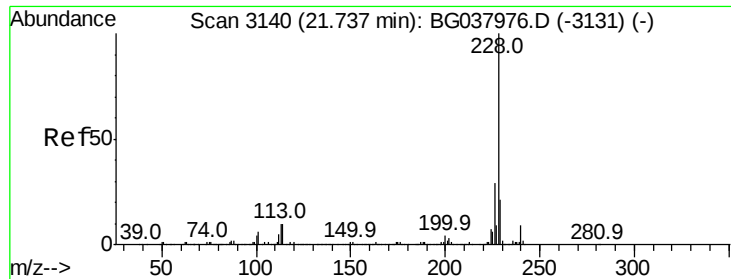
Ion Ratio Lower Upper

149 100

91 69.8 57.0 85.4

206 21.2 17.8 26.6





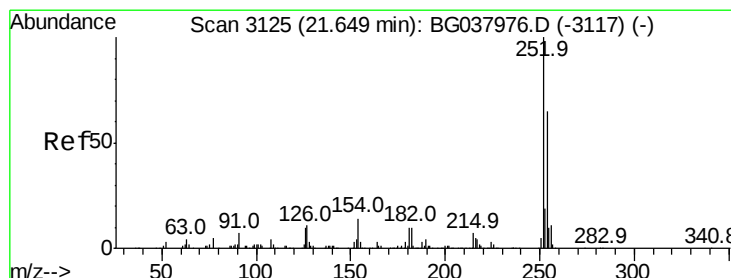
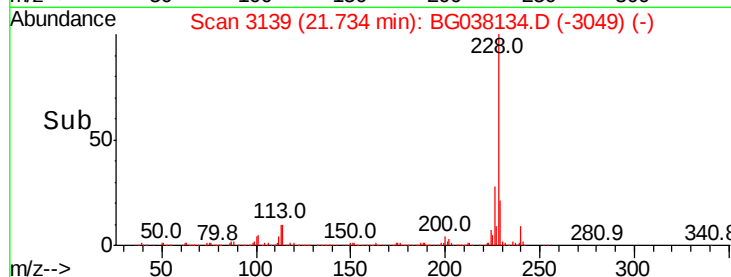
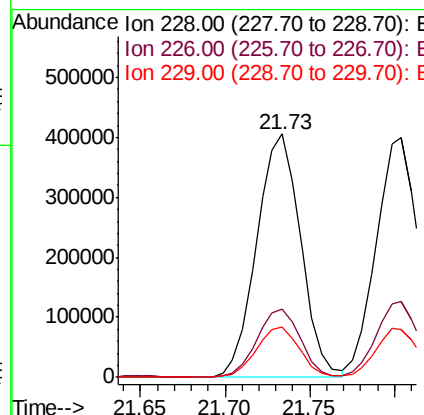
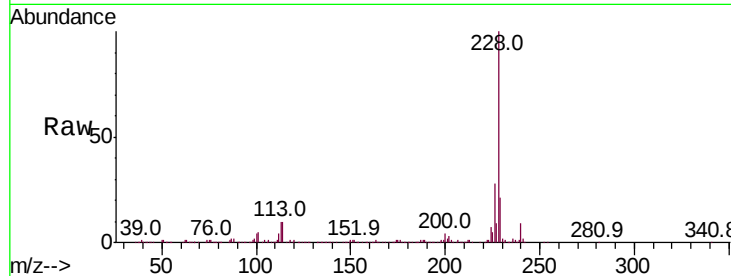
#81
Benzo(a)anthracene
Concen: 41.714 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.7	16.3	24.5

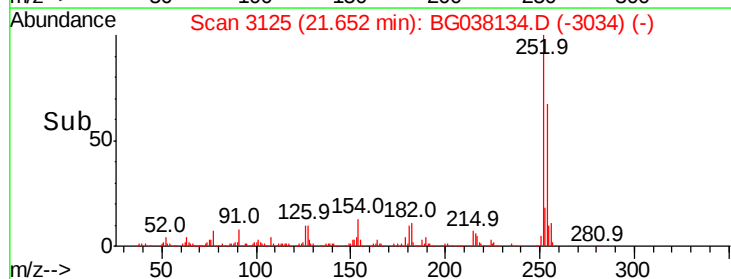
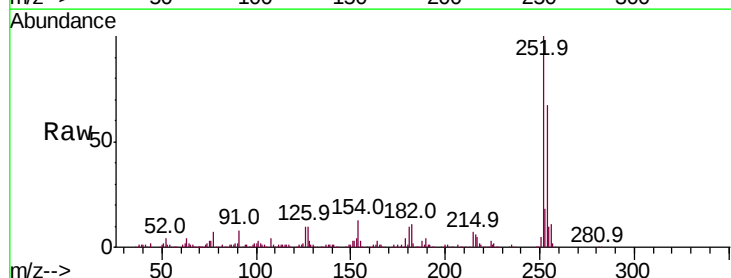
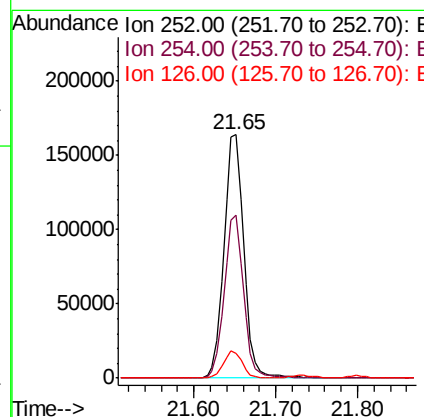
Manual Integrations
APPROVED

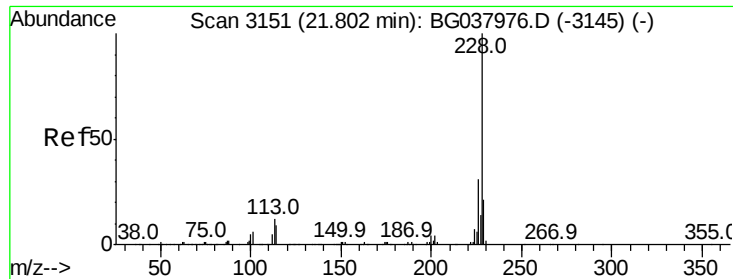
mohammad
11/23/2018 11:50:22 AM



#82
3,3'-Dichlorobenzidine
Concen: 40.653 ng
RT: 21.65 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.7	52.0	78.0
126	10.0	8.2	12.4





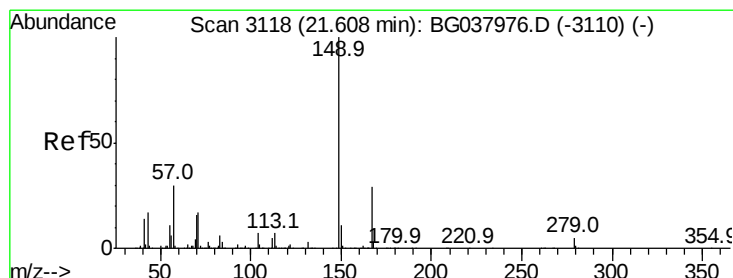
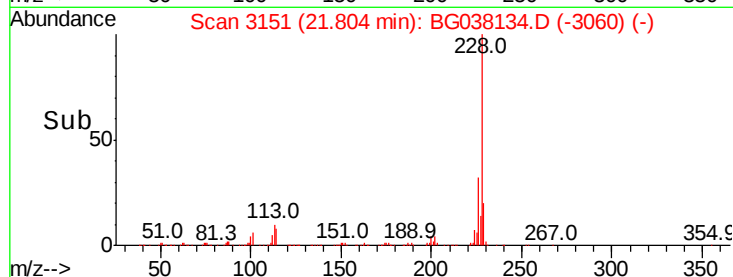
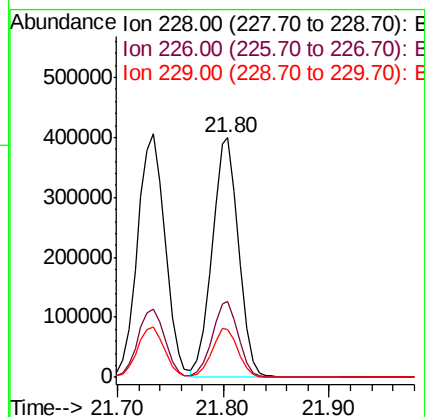
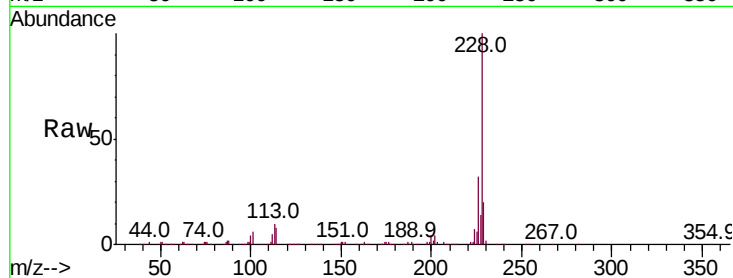
#83
 Chrysene
 Concen: 41.300 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG038134.D
 Acq: 22 Nov 2018 2:10

Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.7	38.5
229	19.8	16.5	24.7

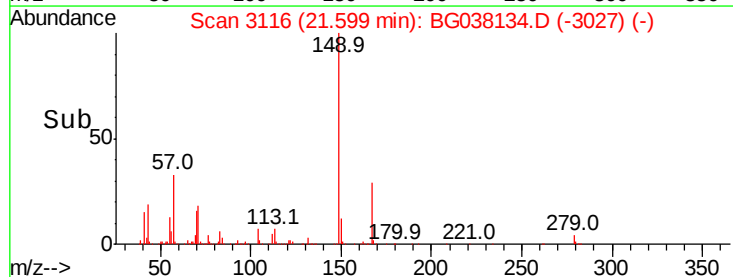
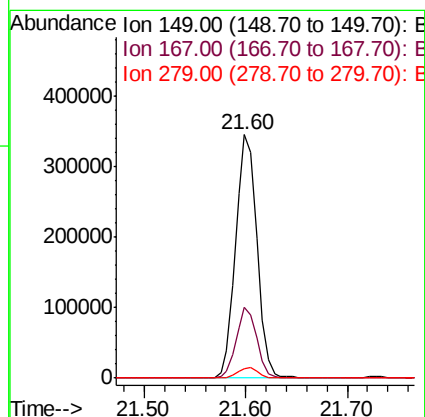
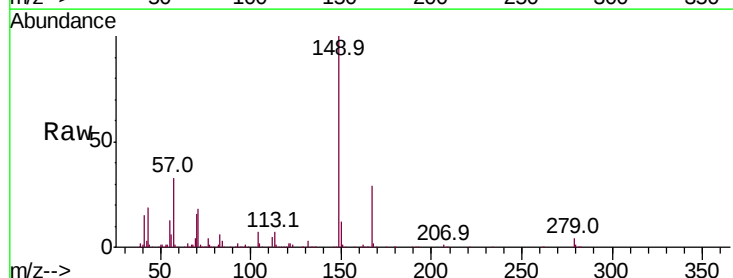
Manual Integrations
 APPROVED

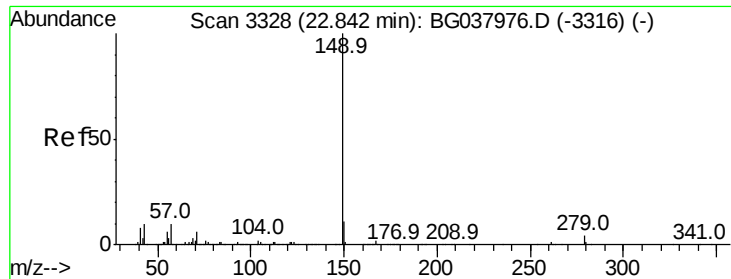
mohammad
 11/23/2018 11:50:22 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.541 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG038134.D
 Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.4
279	4.0	3.6	5.4





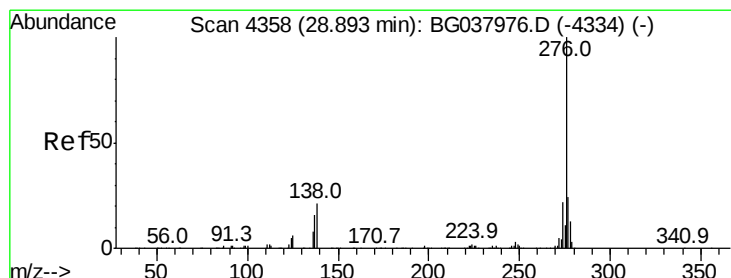
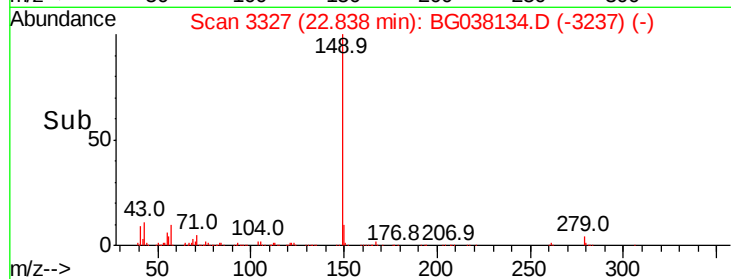
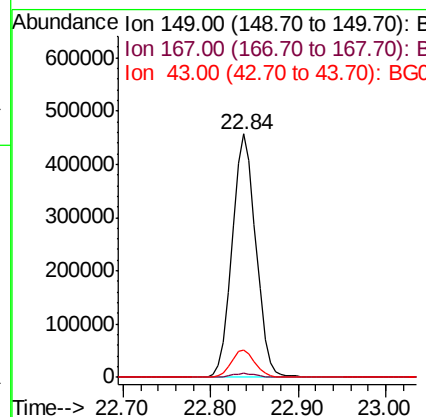
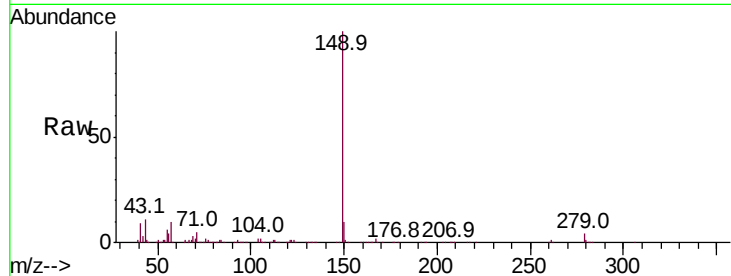
#85
Di-n-octyl phthalate
Concen: 43.823 ng
RT: 22.84 min Scan# 3327
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	841546		
167	1.7		1.3	1.9
43	11.2		8.7	13.1

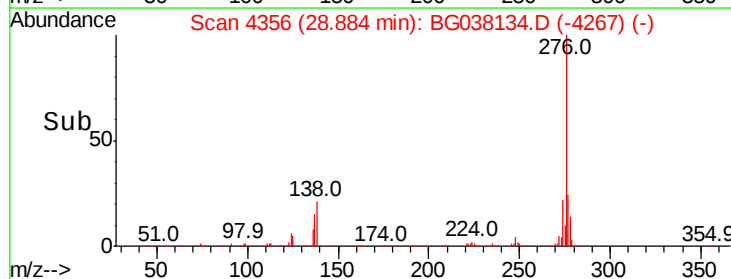
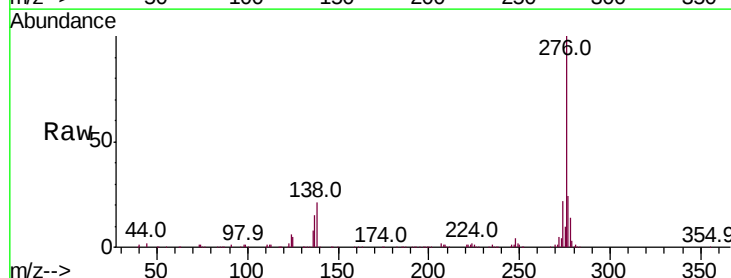
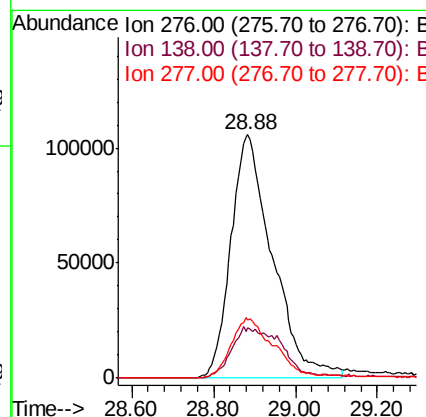
Manual Integrations
APPROVED

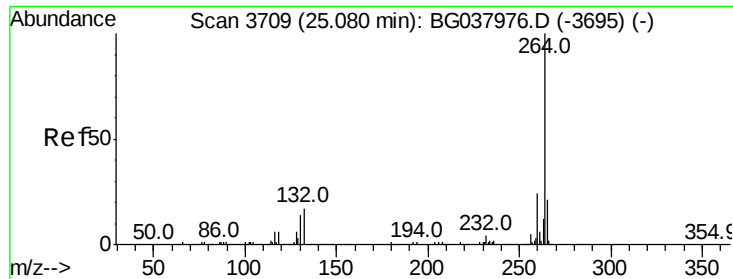
mohammad
11/23/2018 11:50:22 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.853 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	745001		
138	24.8		12.0	18.0#
277	25.1		20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Instrument :

BNA_G

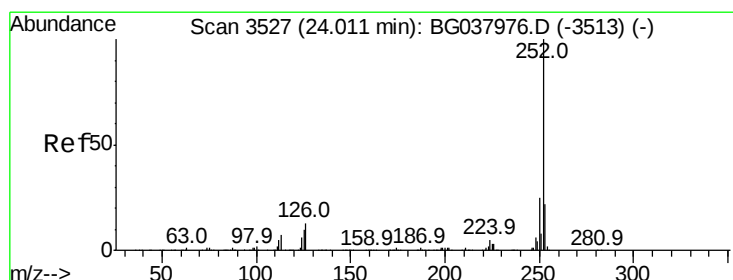
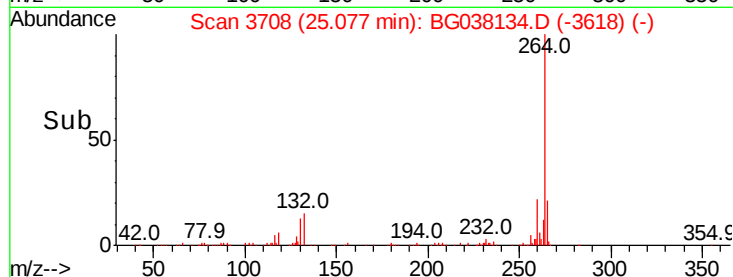
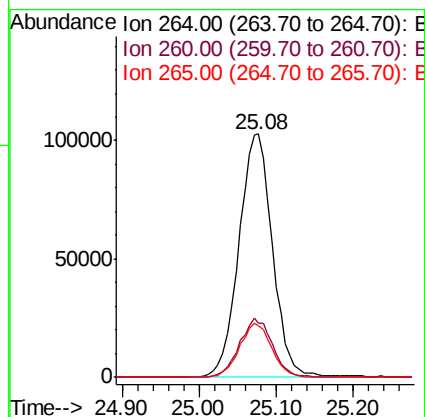
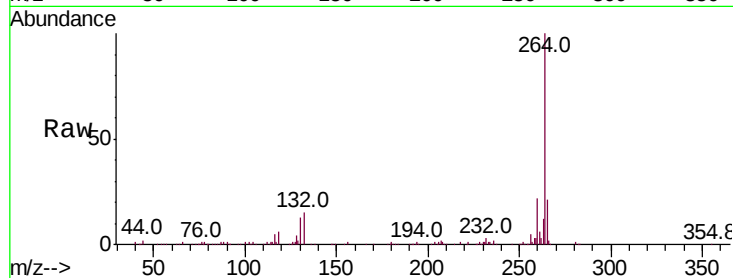
ClientSampleId :

SSTDCCC040EC

Tot Ion:	264	Resp:	313354
Ion Ratio	Lower	Upper	
264	100		
260	22.1	18.2	27.4
265	21.2	17.9	26.9

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM



#88

Benzo(b)fluoranthene

Concen: 40.884 ng

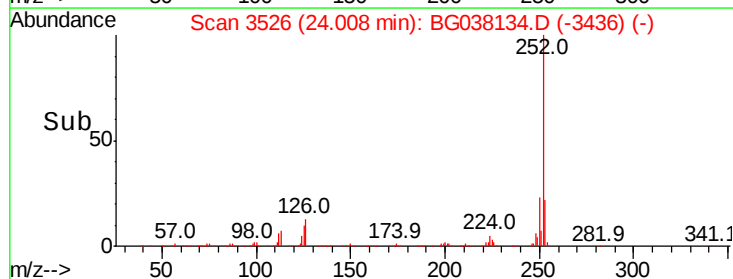
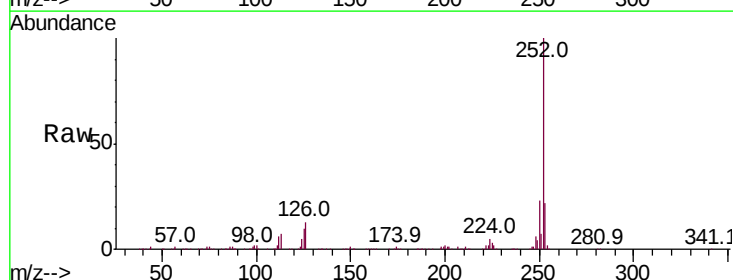
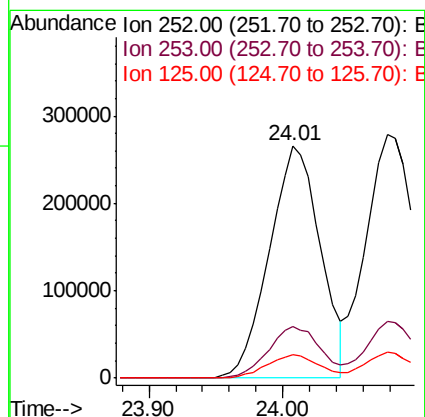
RT: 24.01 min Scan# 3526

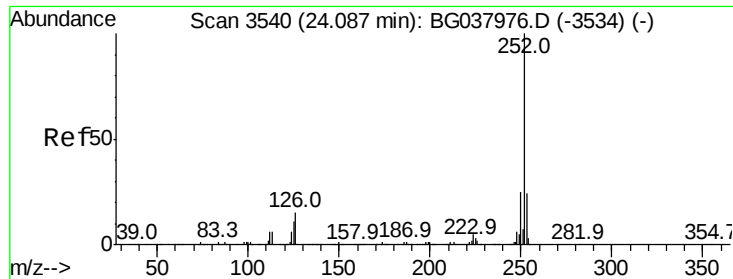
Delta R.T. -0.00 min

Lab File: BG038134.D

Acq: 22 Nov 2018 2:10

Tgt Ion:	252	Resp:	704998
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	10.1	7.8	11.6





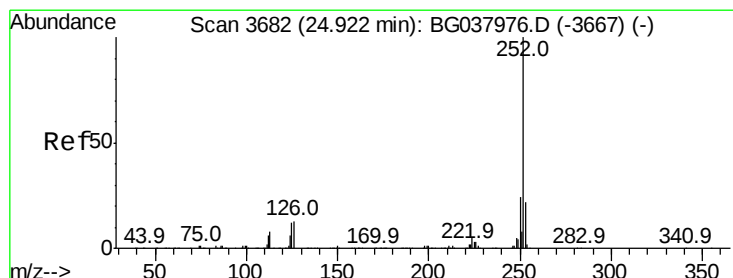
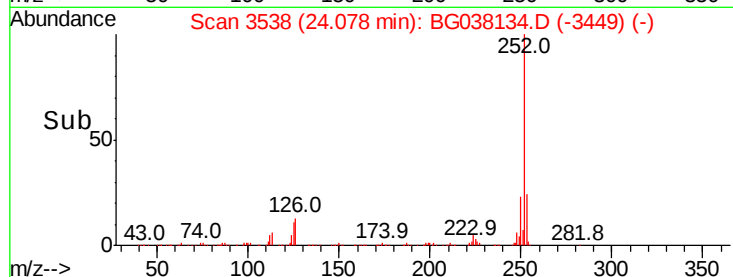
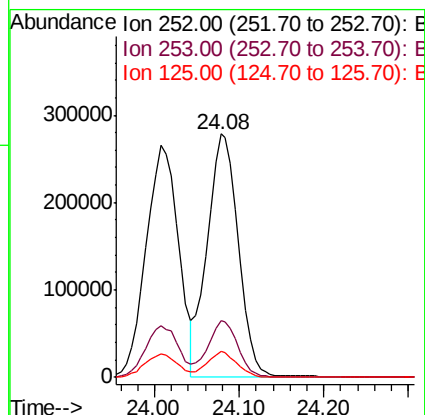
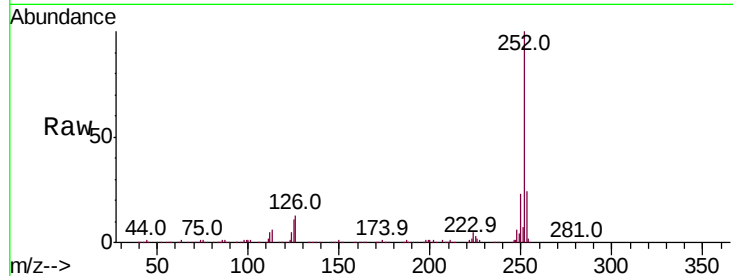
#89
Benzo(k)fluoranthene
Concen: 42.099 ng
RT: 24.08 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	10.5	7.4	11.0

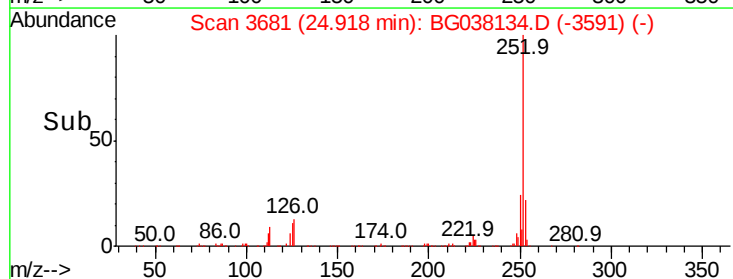
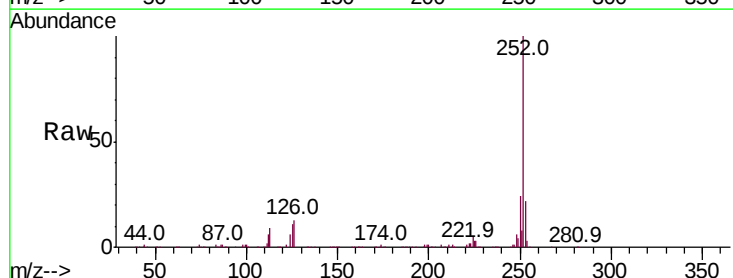
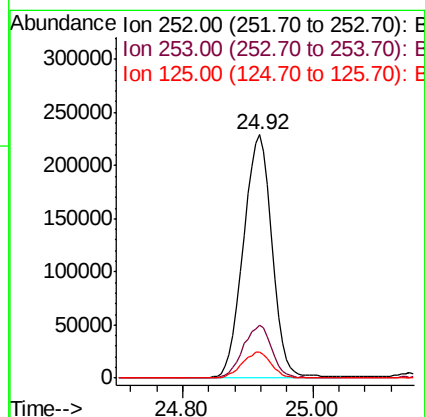
Manual Integrations
APPROVED

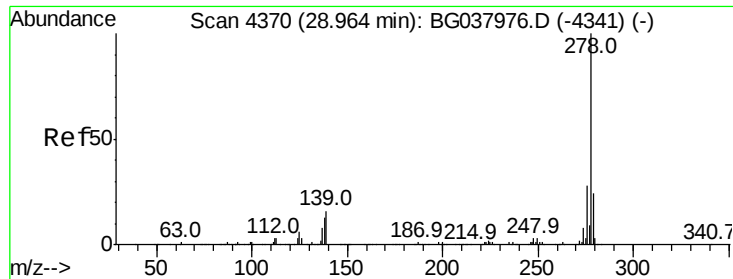
mohammad
11/23/2018 11:50:22 AM



#90
Benzo(a)pyrene
Concen: 42.464 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.8	9.0	13.6





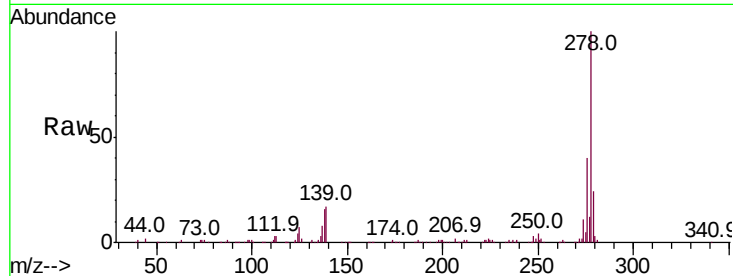
#91
Dibenzo(a,h)anthracene
Concen: 38.377 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	11.5	17.3
279	24.3	18.6	27.8

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:22 AM

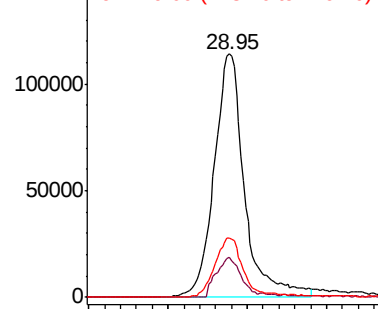


Abundance

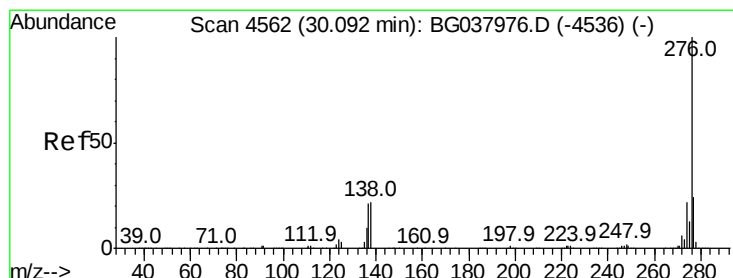
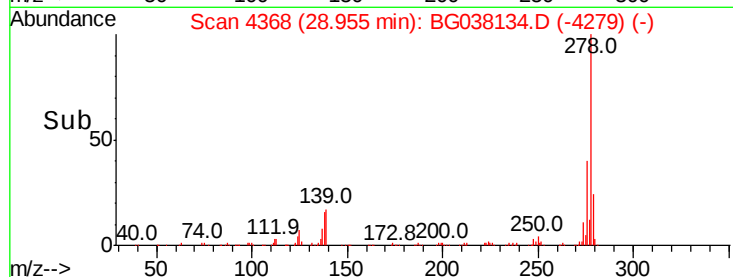
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 28.60 28.80 29.00 29.20



#92
Benzo(g,h,i)perylene
Concen: 37.493 ng
RT: 30.08 min Scan# 4560
Delta R.T. -0.01 min
Lab File: BG038134.D
Acq: 22 Nov 2018 2:10

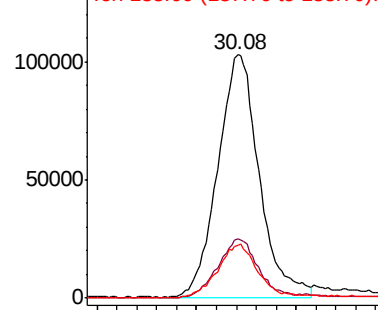
Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	21.5	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time--> 29.80 30.00 30.20

