

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039277.D
 Acq On : 25 Jan 2019 14:04
 Operator : JU/SJ
 Sample : PB116607BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116607BS

Manual Integrations
 APPROVED

mohammad
 1/29/2019 12:25:44 AM

Quant Time: Jan 25 15:58:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 14:28:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	14985	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	61236	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	44857	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	122676	20.00	ng	0.00
76) Chrysene-d12	21.67	240	132352	20.00	ng	0.00
87) Perylene-d12	24.93	264	135790	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	164697	208.49	ng	0.00
7) Phenol-d6	7.17	99	157000	138.10	ng	0.00
23) Nitrobenzene-d5	9.19	82	92485	82.64	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	103356	137.45	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	255830	78.05	ng	0.00
79) Terphenyl-d14	20.00	244	579202	80.96	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.43	88	12270	39.665 ng	89
3) Pyridine	3.84	79	33520	39.878 ng	99
4) n-Nitrosodimethylamine	3.76	42	22262	58.857 ng	90
6) Aniline	7.34	93	46397	33.983 ng	98
8) 2-Chlorophenol	7.56	128	42446	45.583 ng	97
9) Benzaldehyde	7.15	77	9579	14.611 ng	95
10) Phenol	7.20	94	52337	45.919 ng	97
11) bis(2-Chloroethyl)ether	7.43	93	34239	39.305 ng	98
12) 1,3-Dichlorobenzene	7.89	146	42962	38.508 ng	98
13) 1,4-Dichlorobenzene	8.04	146	44240	39.154 ng	95
14) 1,2-Dichlorobenzene	8.36	146	43566	40.439 ng	94
15) Benzyl Alcohol	8.25	79	36760	42.938 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	69715	41.737 ng	97
17) 2-Methylphenol	8.45	107	36017	45.510 ng	96
18) Hexachloroethane	9.08	117	15640	40.743 ng	99
19) n-Nitroso-di-n-propylamine	8.81	70	28812	38.595 ng	96
20) 3+4-Methylphenols	8.78	107	49470	43.842 ng	96
22) Acetophenone	8.84	105	60332	37.727 ng	# 98
24) Nitrobenzene	9.23	77	45536	40.257 ng	96
25) Isophorone	9.74	82	84790	43.985 ng	98
26) 2-Nitrophenol	9.94	139	24751	40.454 ng	97
27) 2,4-Dimethylphenol	9.99	122	42775	49.694 ng	90
28) bis(2-Chloroethoxy)methane	10.22	93	48805	42.126 ng	99
29) 2,4-Dichlorophenol	10.47	162	49598	46.381 ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	52885	41.160 ng	96
31) Naphthalene	10.87	128	131231	42.729 ng	99
32) Benzoic acid	10.17	122	8664	22.592 ng	# 85
33) 4-Chloroaniline	11.00	127	36805	26.782 ng	98
34) Hexachlorobutadiene	11.13	225	35120	39.724 ng	94
35) Caprolactam	11.78	113	16114m	37.579 ng	
36) 4-Chloro-3-methylphenol	12.11	107	49558	43.330 ng	91
37) 2-Methylnaphthalene	12.48	142	101967	44.283 ng	100
38) 1-Methylnaphthalene	12.69	142	95912	43.396 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	66349	39.385 ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039277.D
 Acq On : 25 Jan 2019 14:04
 Operator : JU/SJ
 Sample : PB116607BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116607BS

Manual Integrations
 APPROVED

mohammad
 1/29/2019 12:25:44 AM

Quant Time: Jan 25 15:58:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 14:28:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	74241	78.373	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	43326	40.863	nq	96
44) 2,4,5-Trichlorophenol	13.16	196	47787	42.643	nq	95
46) 1,1'-Biphenyl	13.48	154	136775	38.481	nq	99
47) 2-Chloronaphthalene	13.53	162	111939	38.918	nq	97
48) 2-Nitroaniline	13.75	65	33586	41.680	nq	99
49) Acenaphthylene	14.37	152	182539	42.223	nq	96
50) Dimethylphthalate	14.10	163	154272	40.698	nq	99
51) 2,6-Dinitrotoluene	14.23	165	35269	41.616	nq	99
52) Acenaphthene	14.71	154	103421	39.816	nq	96
53) 3-Nitroaniline	14.57	138	25707	29.902	nq	93
54) 2,4-Dinitrophenol	14.79	184	43056	84.641	nq	97
55) Dibenzofuran	15.04	168	181769	39.622	nq	99
56) 4-Nitrophenol	14.89	139	53421	86.359	nq	98
57) 2,4-Dinitrotoluene	15.03	165	50709	41.706	nq	# 97
58) Fluorene	15.70	166	170486	49.372	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	45816	43.311	nq	98
60) Diethylphthalate	15.46	149	169340	43.359	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	97883	44.994	nq	97
62) 4-Nitroaniline	15.74	138	41815	46.689	nq	99
63) Azobenzene	15.98	77	125129	40.970	nq	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	37295	41.035	nq	98
66) n-Nitrosodiphenylamine	15.90	169	145525	40.015	nq	97
67) 4-Bromophenyl-phenylether	16.58	248	59384	37.658	nq	96
68) Hexachlorobenzene	16.69	284	64041	37.217	nq	98
69) Atrazine	16.85	200	59870	38.752	nq	95
70) Pentachlorophenol	17.05	266	59464	57.676	nq	95
71) Phenanthrene	17.44	178	273415	42.166	nq	99
72) Anthracene	17.54	178	277009	43.207	nq	98
73) Carbazole	17.81	167	247331	39.079	nq	99
74) Di-n-butylphthalate	18.33	149	288631	40.994	nq	99
75) Fluoranthene	19.45	202	391941	48.758	nq	100
77) Benzidine	19.64	184	146475	36.183	nq	100
78) Pyrene	19.81	202	369911	43.856	nq	98
80) Butylbenzylphthalate	20.68	149	130402	40.649	nq	97
81) Benzo(a)anthracene	21.65	228	348731	43.283	nq	99
82) 3,3'-Dichlorobenzidine	21.57	252	95566	29.112	nq	97
83) Chrysene	21.72	228	324352	42.328	nq	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	183840	41.272	nq	97
85) Di-n-octyl phthalate	22.72	149	314868	41.804	nq	99
86) Indeno(1,2,3-cd)pyrene	28.67	276	407094	44.460	nq	99
88) Benzo(b)fluoranthene	23.89	252	355563	47.488	nq	99
89) Benzo(k)fluoranthene	23.96	252	334690	45.210	nq	98
90) Benzo(a)pyrene	24.77	252	341858	47.236	nq	98
91) Dibenzo(a,h)anthracene	28.73	278	338415	47.011	nq	98
92) Benzo(g,h,i)perylene	29.84	276	337499	47.358	nq	98

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



#1

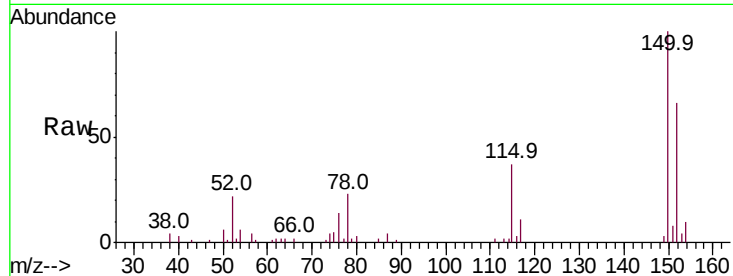
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

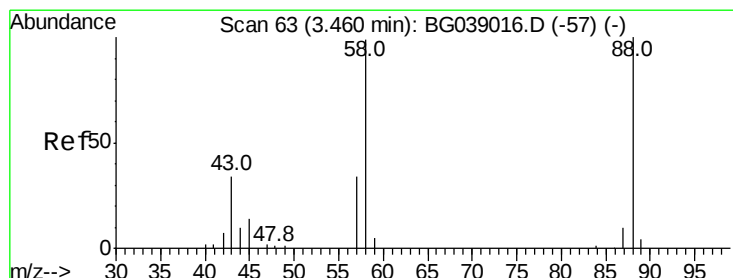
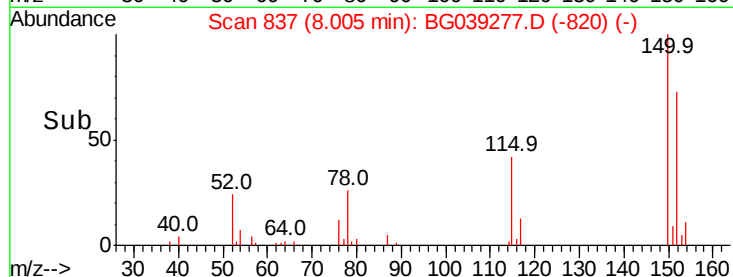
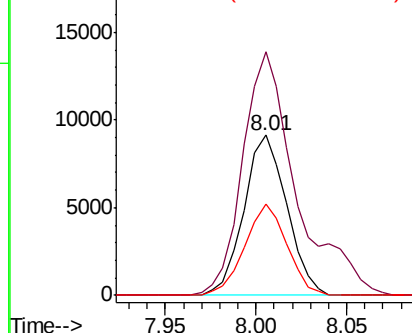
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.7	187.1
115	56.7	46.5	69.7

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



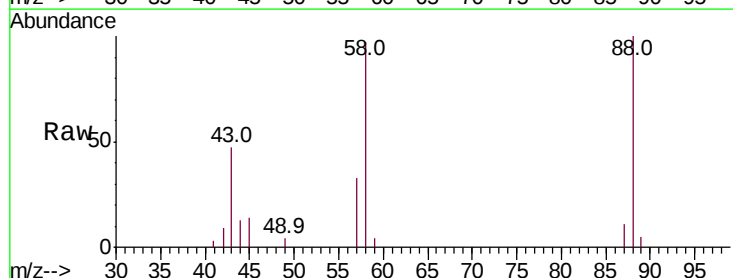
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



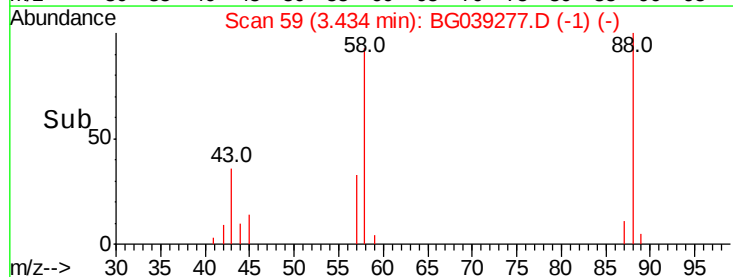
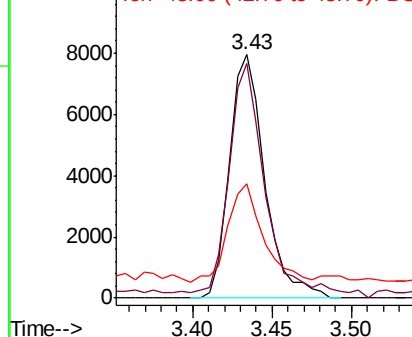
#2

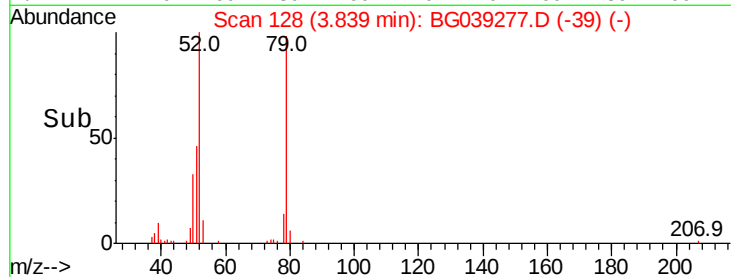
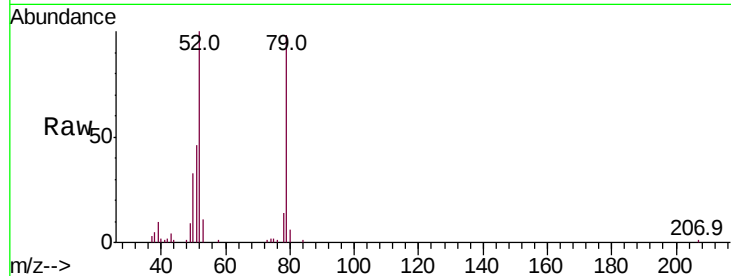
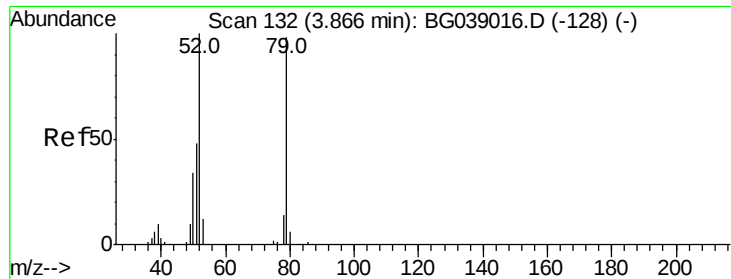
1,4-Dioxane
Concen: 39.665 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.0	72.4	108.6
43	40.3	27.6	41.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





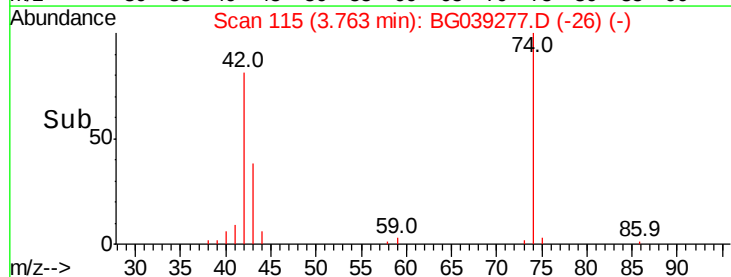
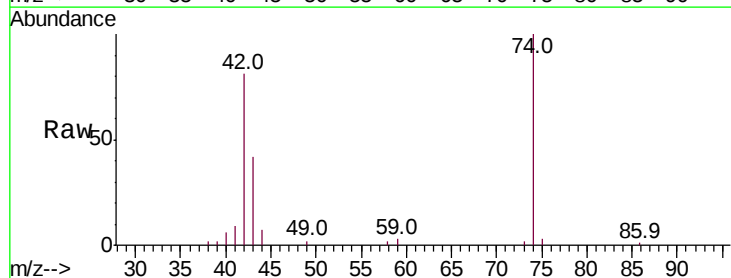
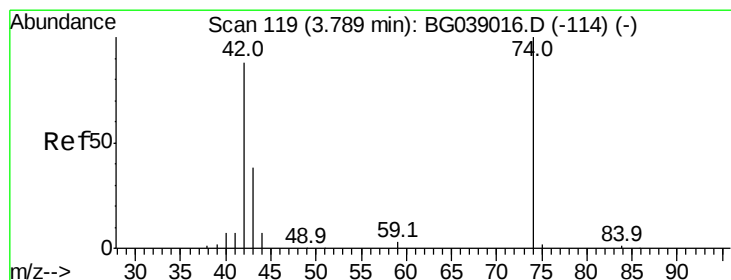
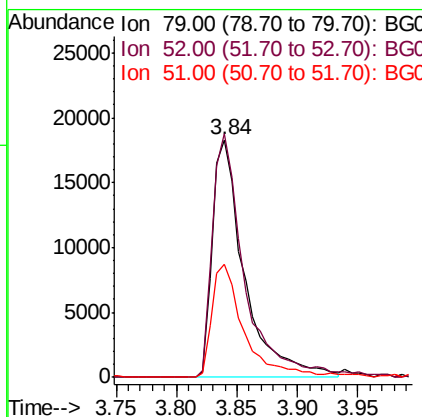
#3
Pvridine
Concen: 39.878 ng
RT: 3.84 min Scan# 128
Delta R.T. -0.01 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tot Ion: 79 Resp: 33520
Ion Ratio Lower Upper
79 100
52 102.4 81.5 122.3
51 47.5 39.8 59.6

Instrument :
BNA_G
ClientSampleId :
PB116607BS

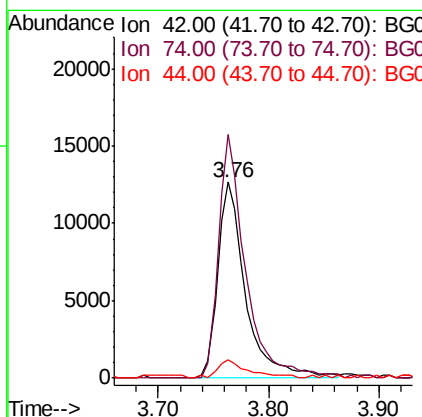
Manual Integrations
APPROVED

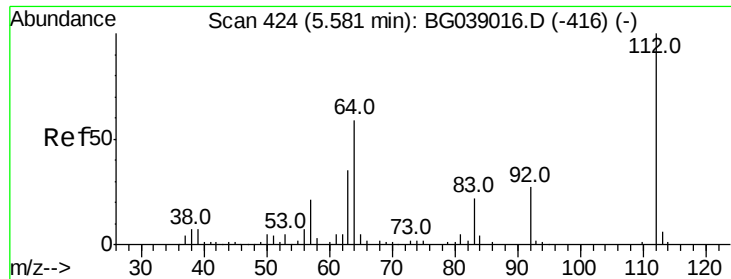
mohammad
1/29/2019 12:25:44 AM



#4
n-Nitrosodimethylamine
Concen: 58.857 ng
RT: 3.76 min Scan# 115
Delta R.T. -0.01 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion: 42 Resp: 22262
Ion Ratio Lower Upper
42 100
74 124.1 90.7 136.1
44 9.3 6.5 9.7





#5

2-Fluorophenol

Concen: 208.493 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Instrument :

BNA_G

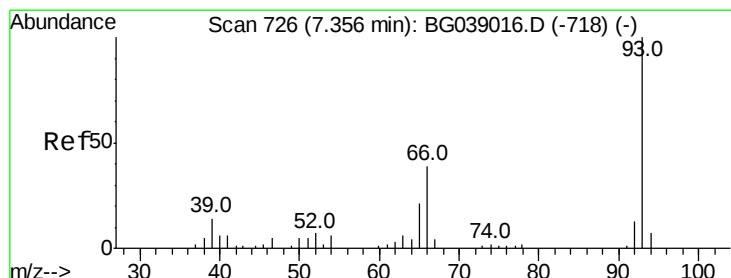
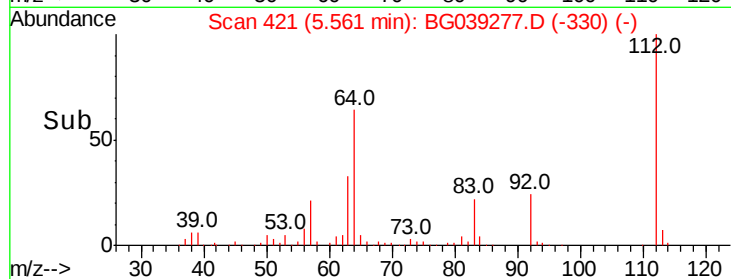
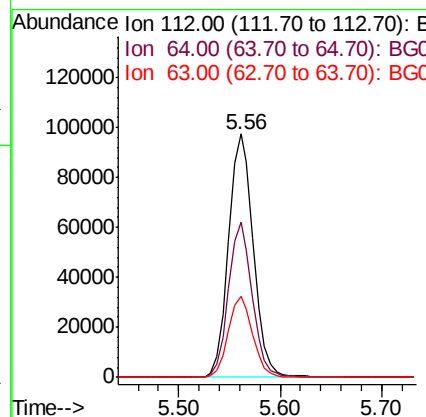
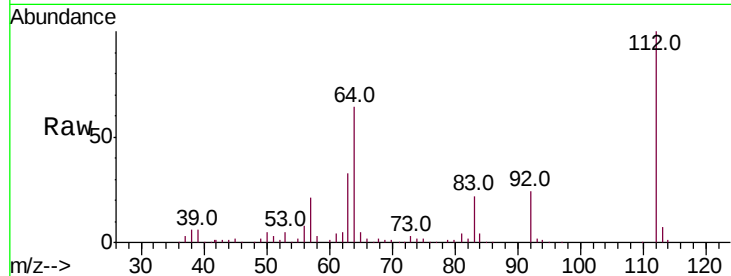
ClientSampleId :

PB116607BS

Tot Ion:	112	Resp:	164697
Ion Ratio	Lower	Upper	
112	100		
64	63.6	47.0	70.6
63	33.3	28.0	42.0

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



#6

Aniline

Concen: 33.983 ng

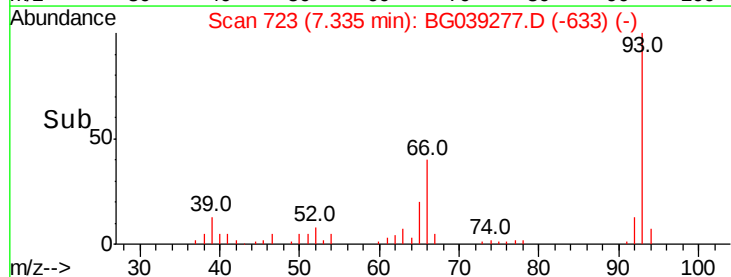
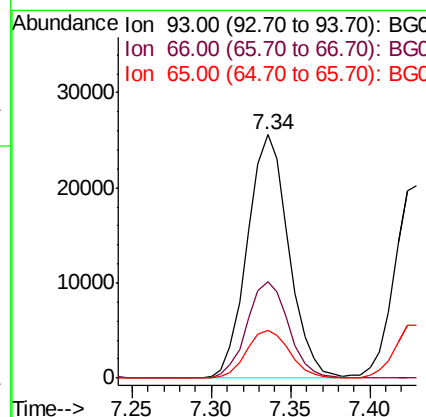
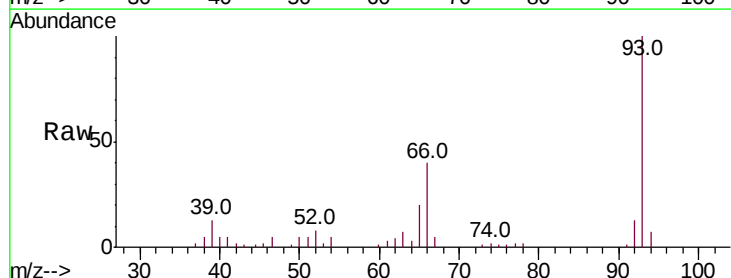
RT: 7.34 min Scan# 723

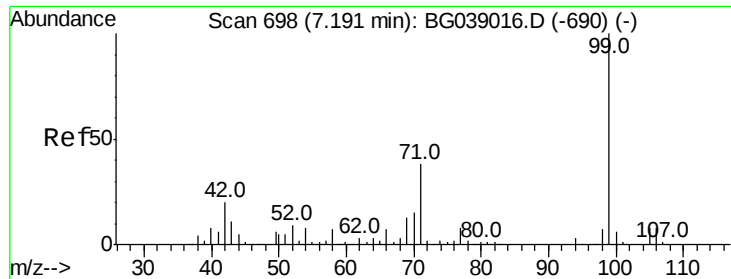
Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Tgt Ion:	93	Resp:	46397
Ion Ratio	Lower	Upper	
93	100		
66	39.6	30.9	46.3
65	19.9	17.0	25.4





#7

Phenol-d6

Concen: 138.104 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Instrument :

BNA_G

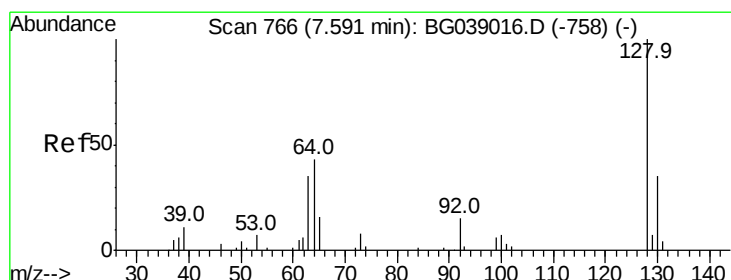
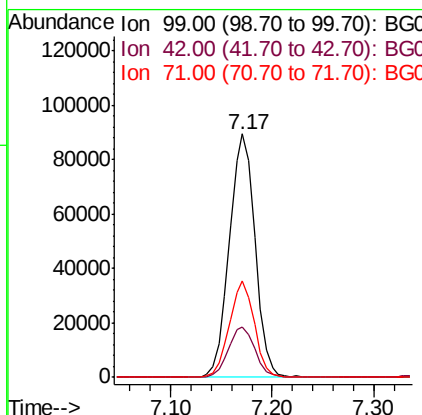
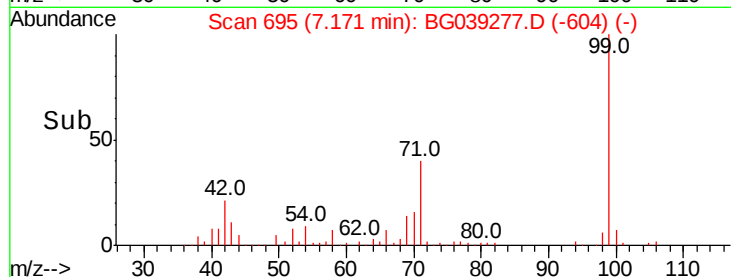
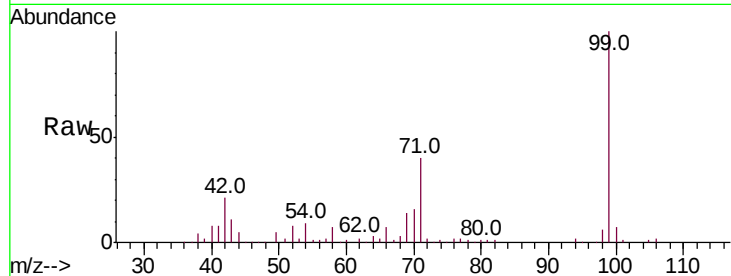
ClientSampleId :

PB116607BS

Tot Ion:	99	Resp:	157000
Ion Ratio	Lower	Upper	
99	100		
42	20.7	15.8	23.6
71	39.6	30.2	45.4

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



#8

2-Chlorophenol

Concen: 45.583 ng

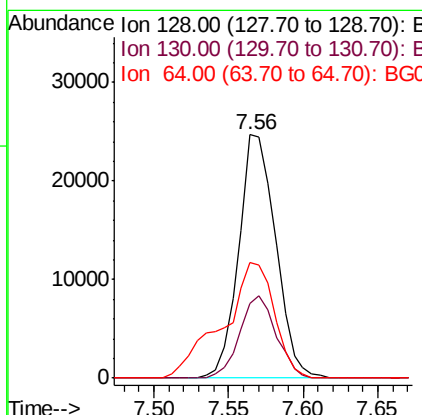
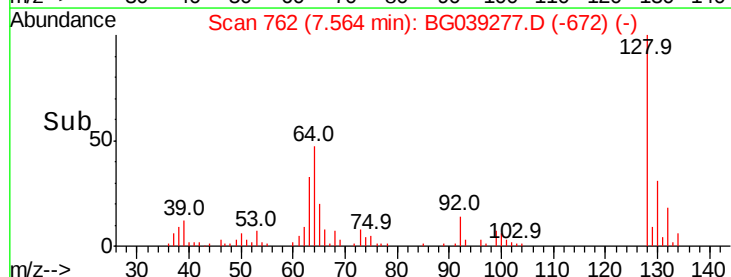
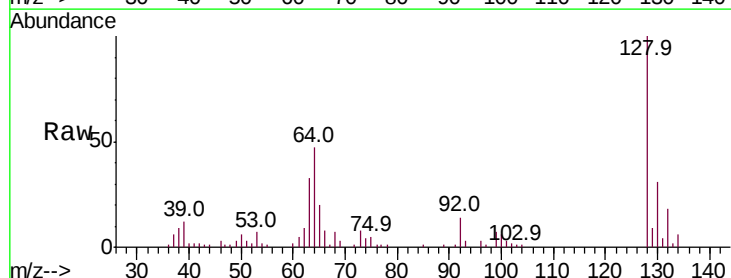
RT: 7.56 min Scan# 762

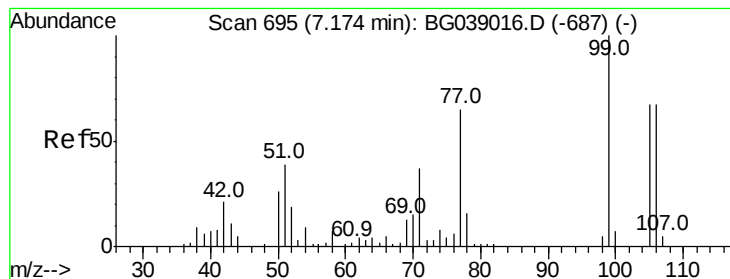
Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Tgt Ion:	128	Resp:	42446
Ion Ratio	Lower	Upper	
128	100		
130	30.8	14.5	54.5
64	47.4	27.3	67.3





#9

Benzaldehyde

Concen: 14.611 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Instrument :

BNA_G

ClientSampled :

PB116607BS

Tot Ion: 77 Resp: 9579

Ion Ratio Lower Upper

77 100

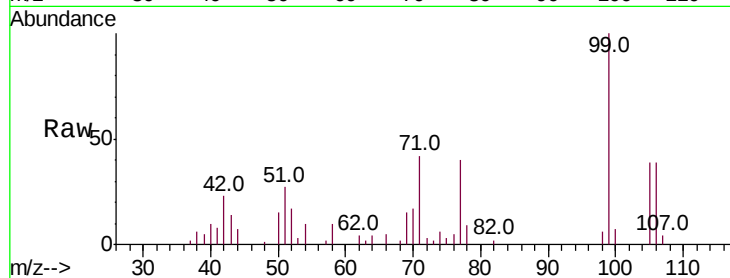
105 97.7 82.4 122.4

106 96.7 82.8 122.8

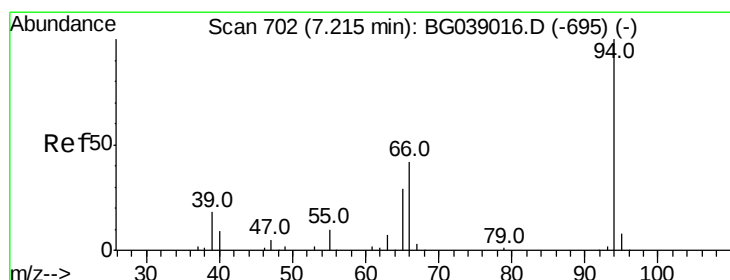
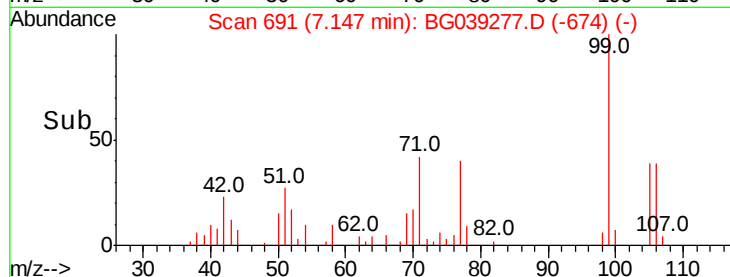
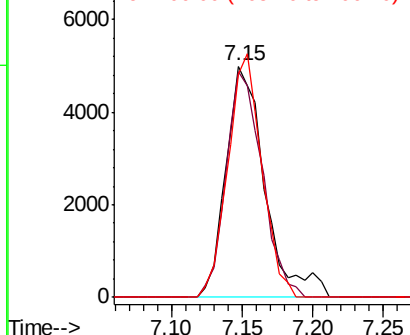
Manual Integrations
APPROVED

mohammad

1/29/2019 12:25:44 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: 45.919 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

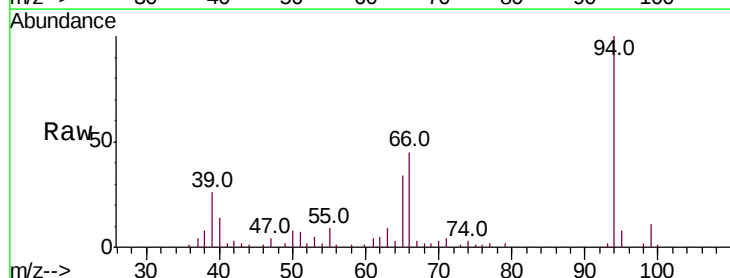
Tgt Ion: 94 Resp: 52337

Ion Ratio Lower Upper

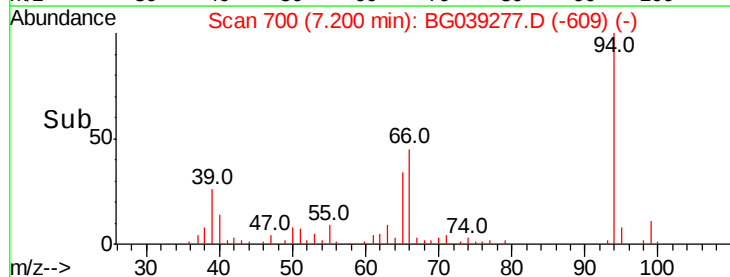
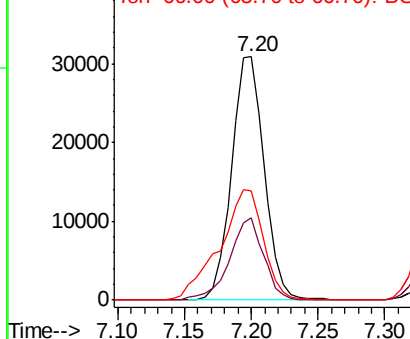
94 100

65 33.6 10.3 50.3

66 44.9 25.1 65.1



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





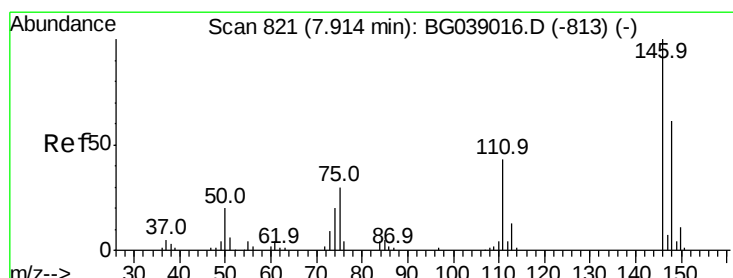
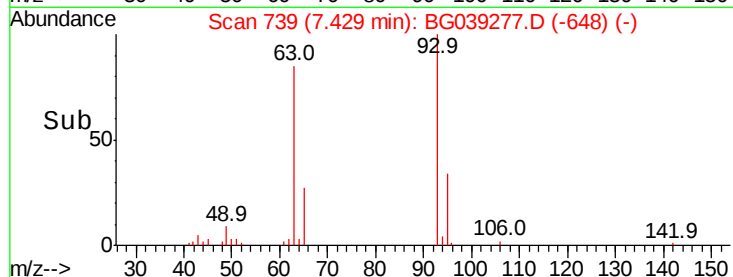
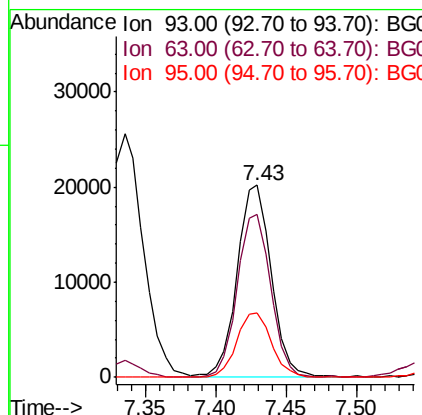
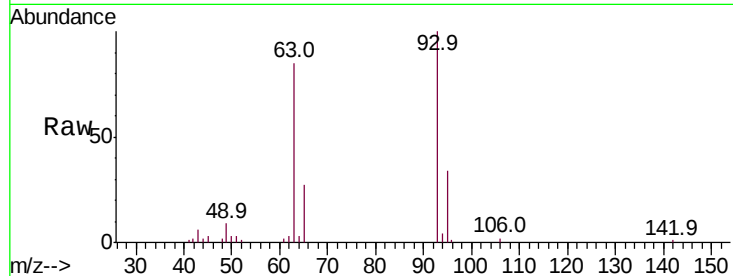
#11
bis(2-Chloroethyl)ether
Concen: 39.305 ng
RT: 7.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.5	63.2	103.2
95	33.7	11.2	51.2

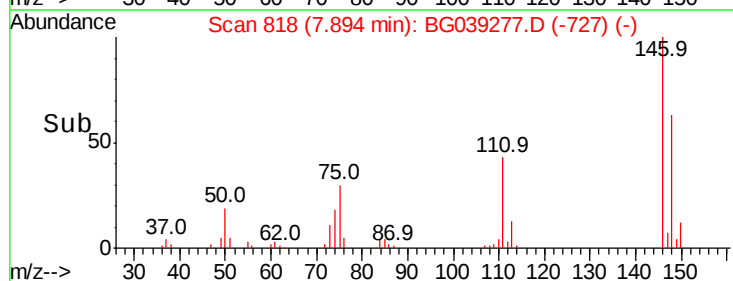
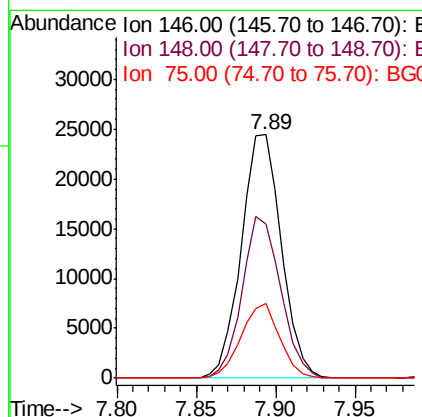
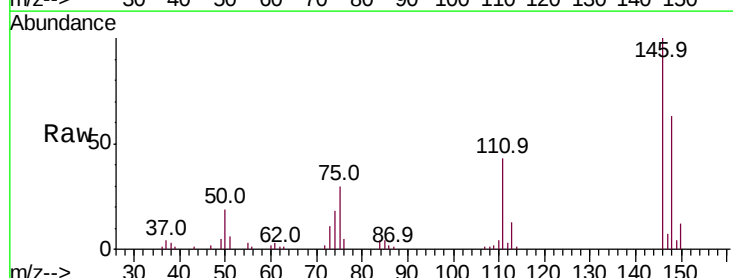
Manual Integrations
APPROVED

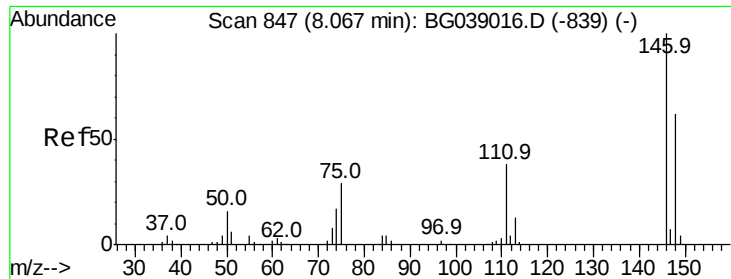
mohammad
1/29/2019 12:25:44 AM



#12
1,3-Dichlorobenzene
Concen: 38.508 ng
RT: 7.89 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.1	73.7
75	30.5	23.9	35.9





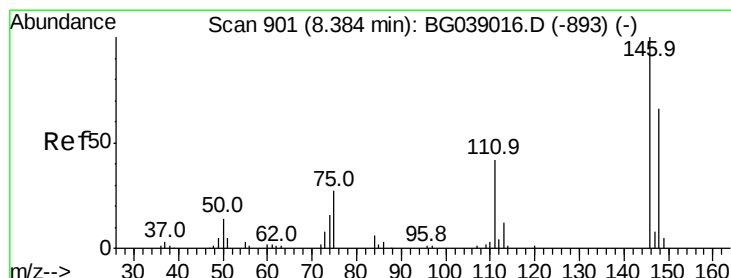
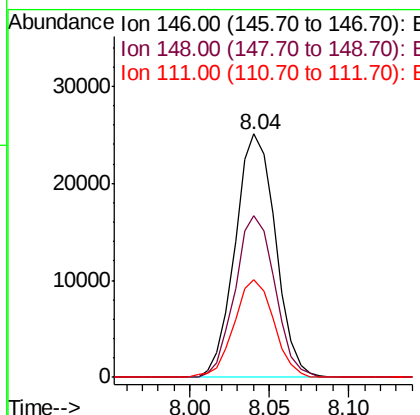
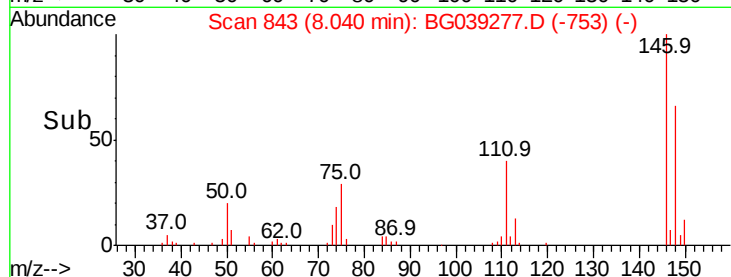
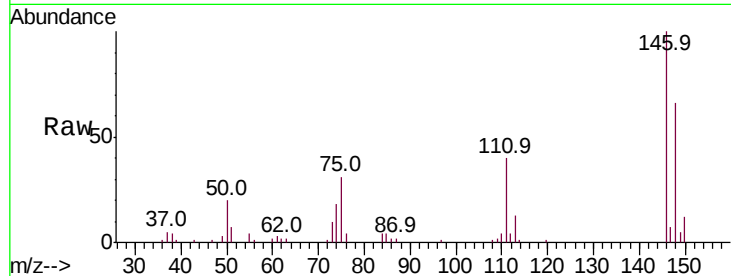
#13
 1,4-Dichlorobenzene
 Concen: 39.154 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116607BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	49.8	74.6
111	40.3	30.6	45.8

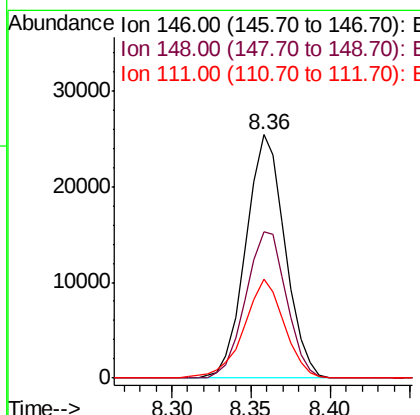
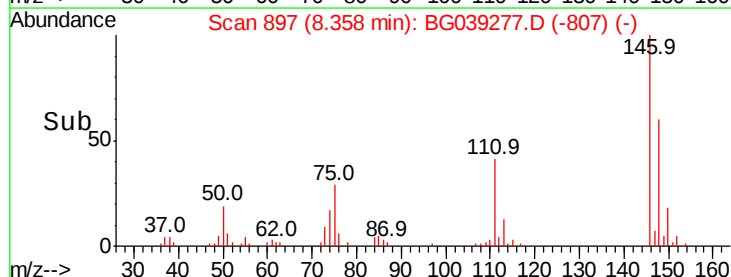
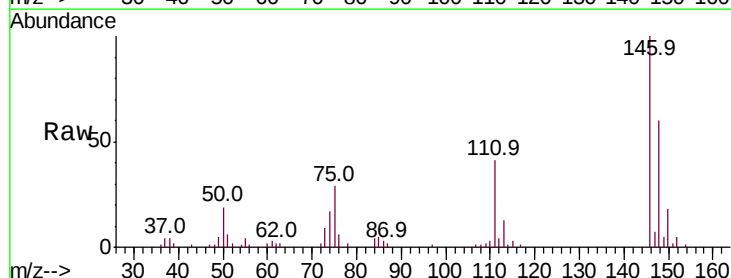
Manual Integrations
 APPROVED

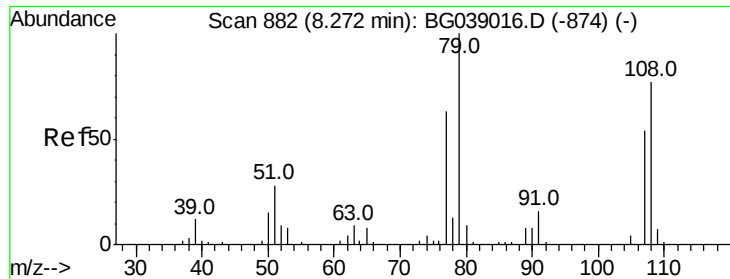
mohammad
 1/29/2019 12:25:44 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.439 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.9	52.6	79.0
111	40.7	34.6	51.8





#15

Benzyl Alcohol

Concen: 42.938 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Instrument :

BNA_G

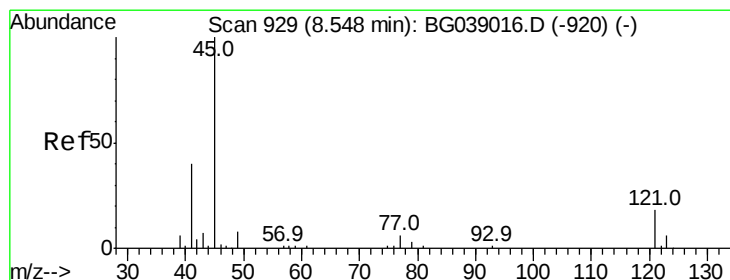
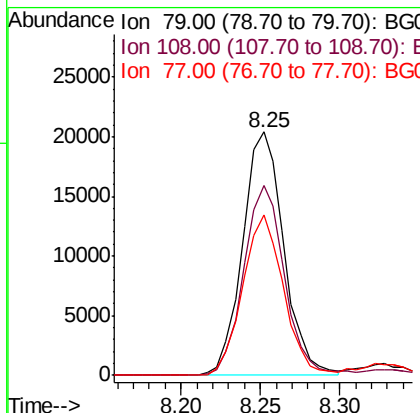
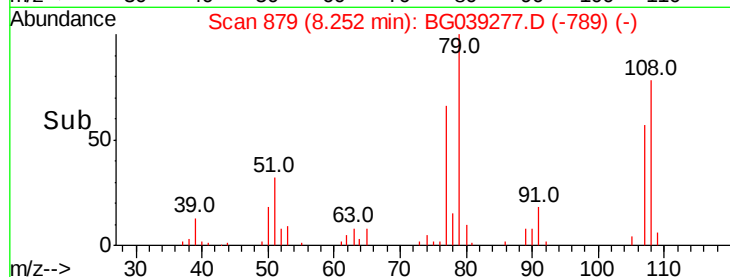
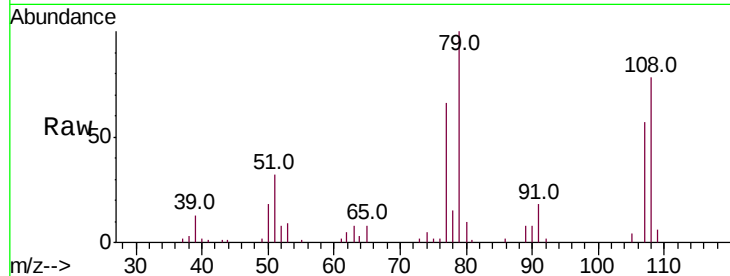
ClientSampleID :

PB116607BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.0	62.0	93.0
77	65.8	50.1	75.1

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.737 ng

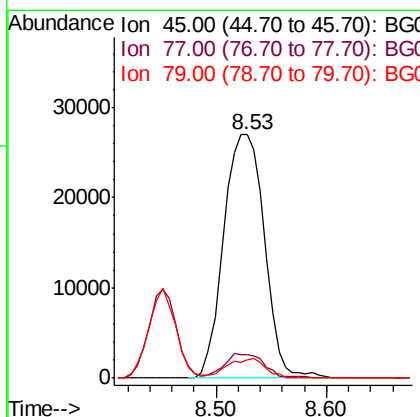
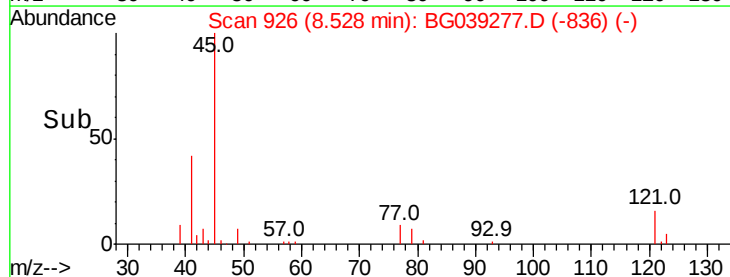
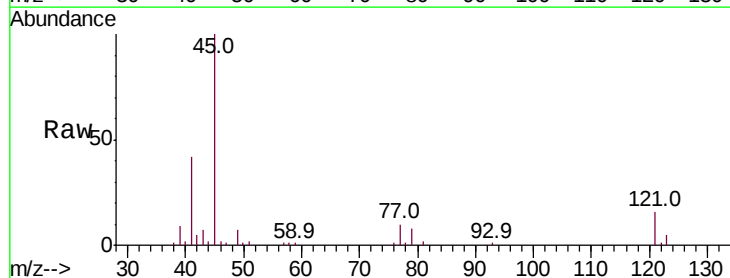
RT: 8.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	30.7
79	7.6	0.0	28.5





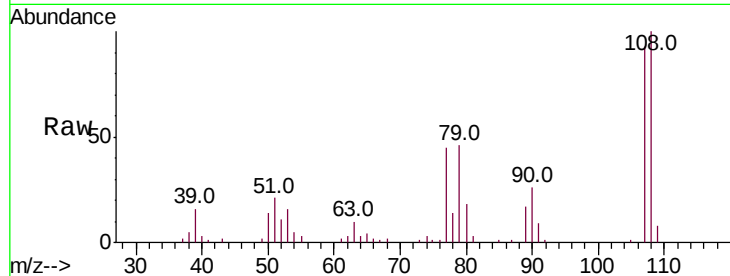
#17
2-Methylphenol
Concen: 45.510 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.0	90.3	135.5
77	48.6	38.3	57.5
79	49.7	35.8	53.6

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



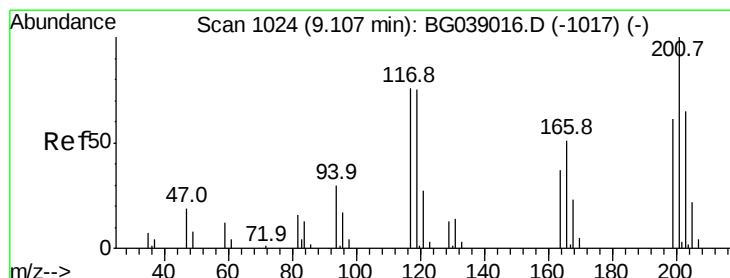
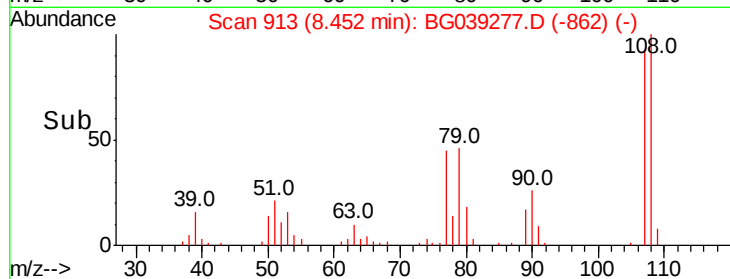
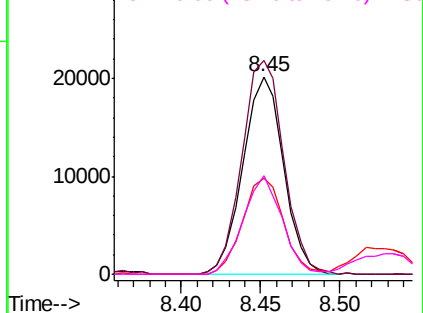
Abundance

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: 40.743 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

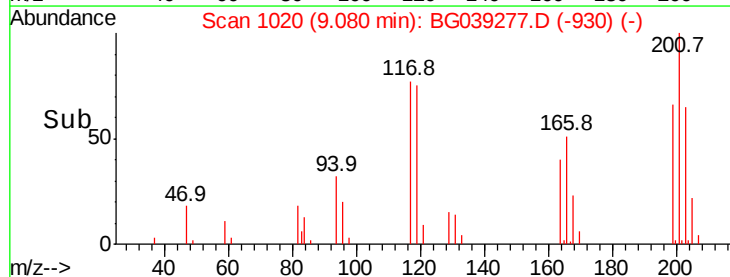
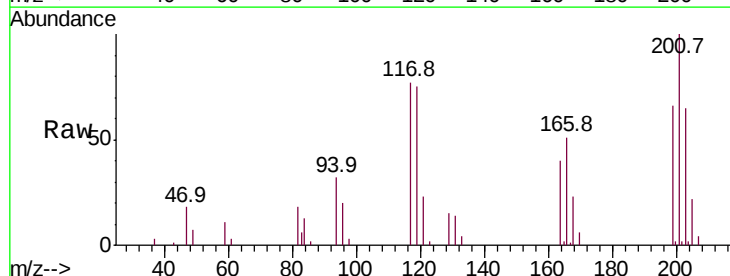
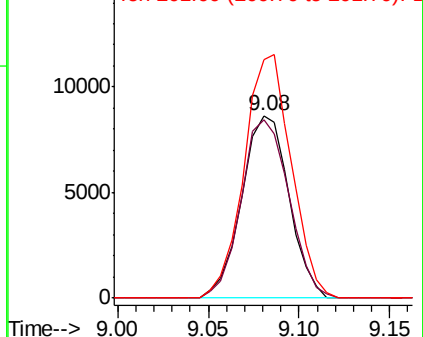
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.7	118.1
201	133.6	108.1	162.1

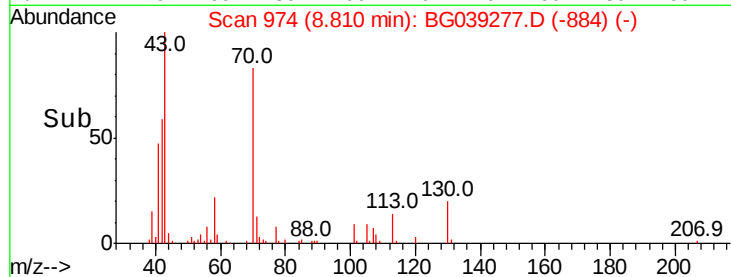
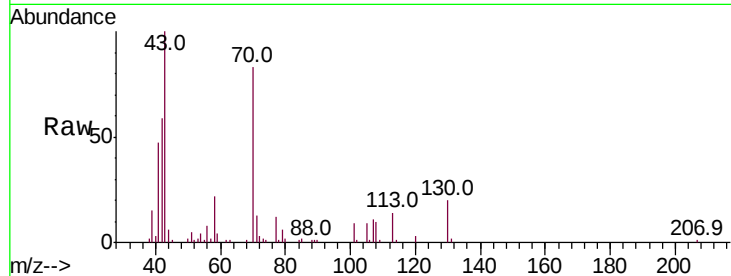
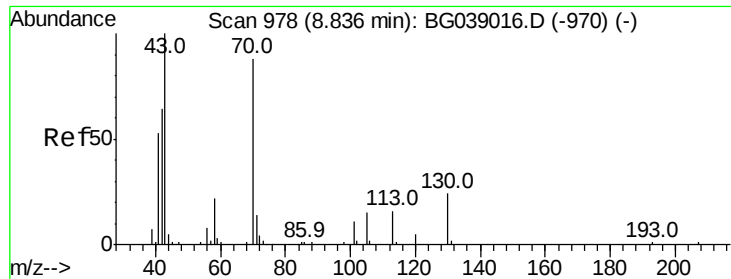
Abundance

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





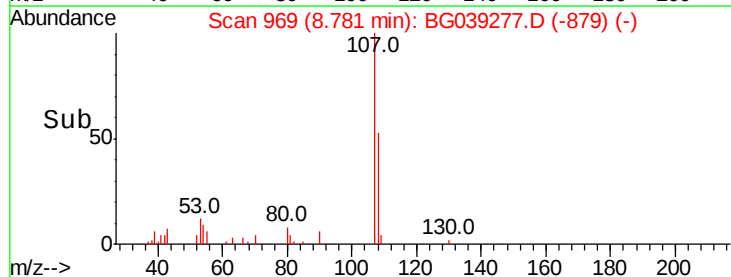
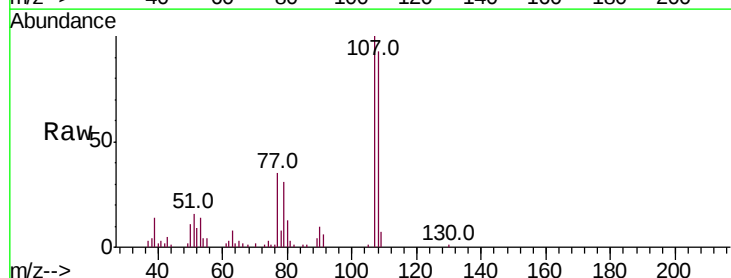
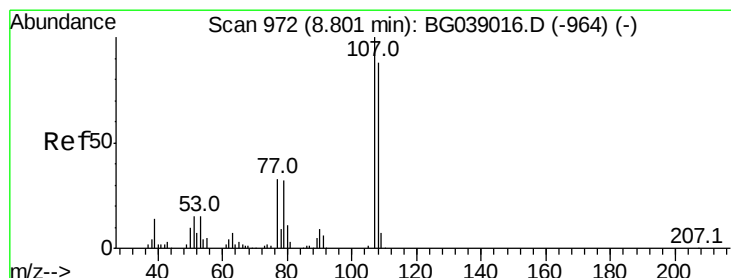
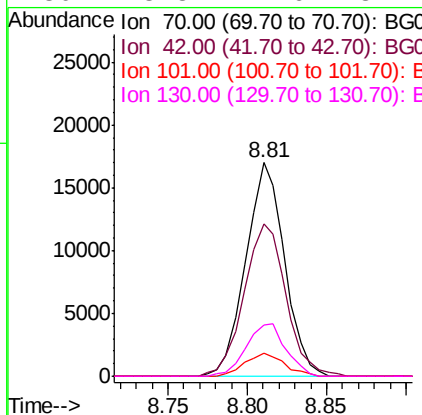
#19
n-Nitroso-di-n-propylamine
Concen: 38.595 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleID :
PB116607BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		28812		
42	71.1	59.0	88.4		
101	11.0	10.4	15.6		
130	23.8	21.6	32.4		

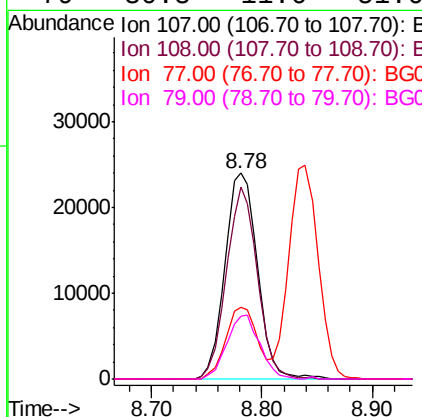
Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



#20
3+4-Methylphenols
Concen: 43.842 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		49470		
108	93.4	68.4	108.4		
77	34.7	13.3	53.3		
79	30.8	11.6	51.6		





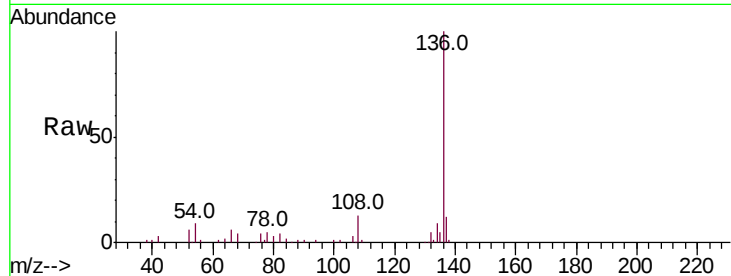
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	61236		
137	12.5		9.4	14.2
54	9.2		7.2	10.8
68	4.4		3.5	5.3

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



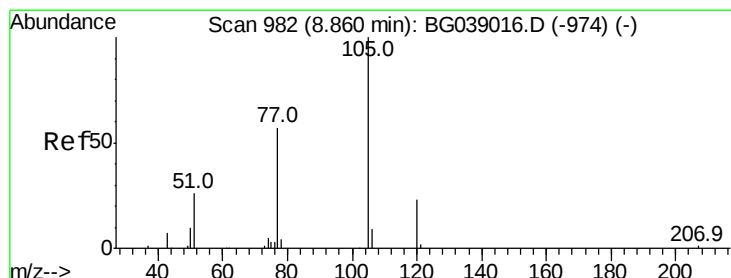
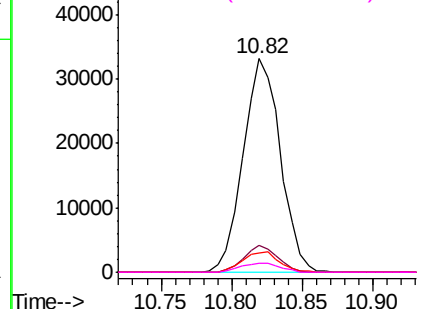
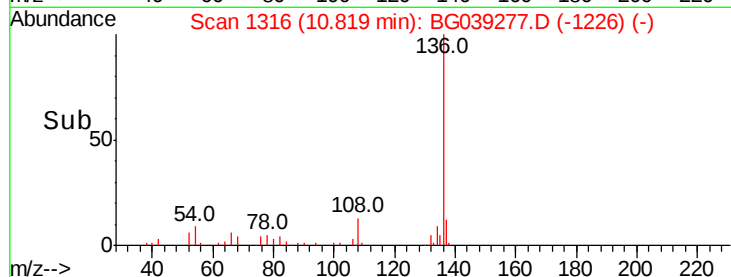
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

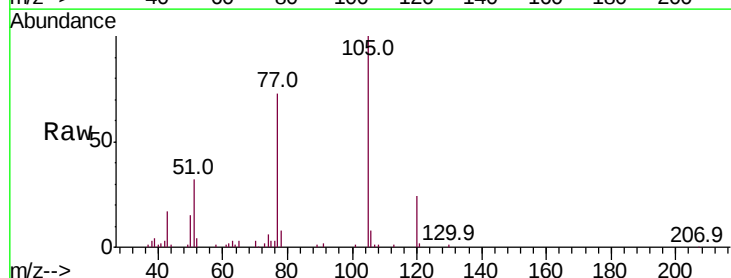
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.727 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	60332		
71	0.5		0.6	1.0#
51	32.5		26.6	39.8
120	24.2		17.9	26.9



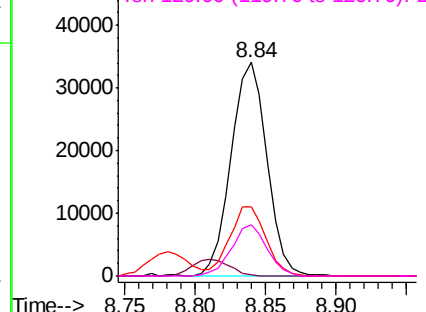
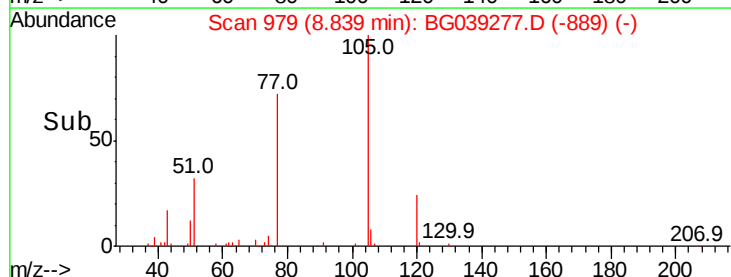
Abundance

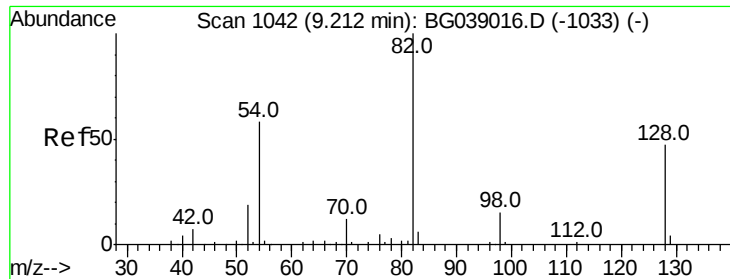
Ion 105.00 (104.70 to 105.70): E

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





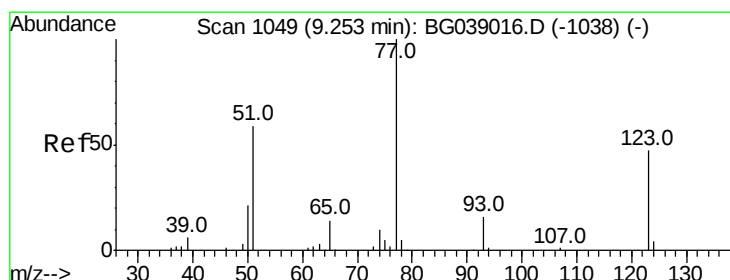
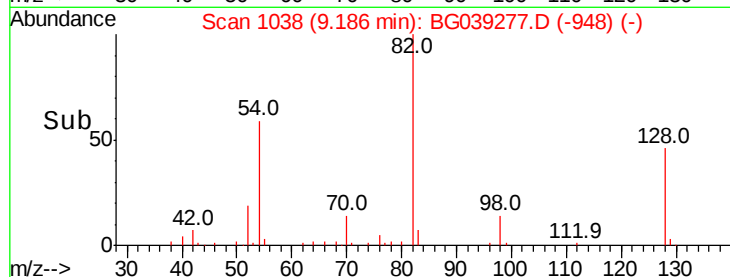
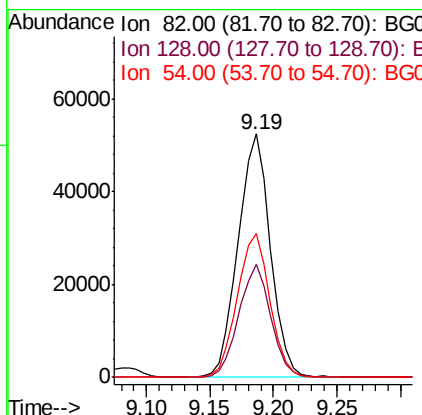
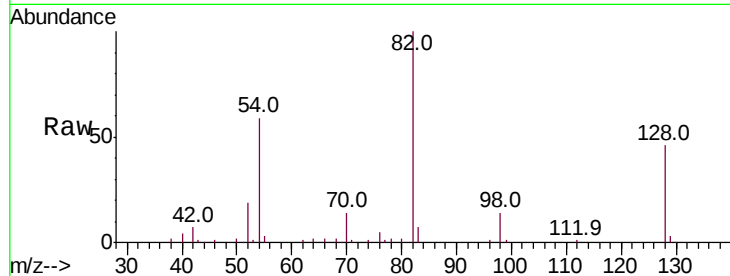
#23
Nitrobenzene-d5
Concen: 82.643 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.3	55.9
54	59.1	46.4	69.6

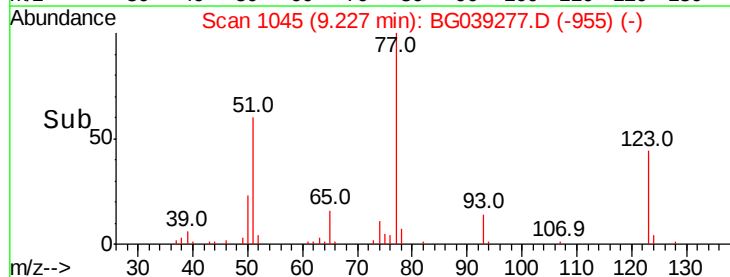
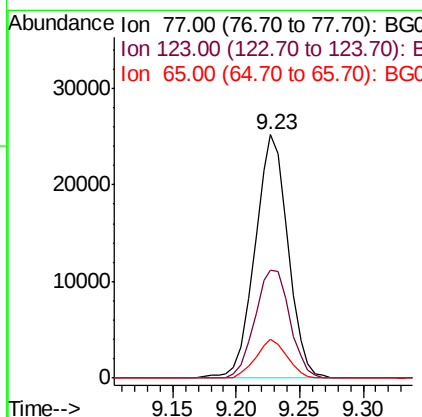
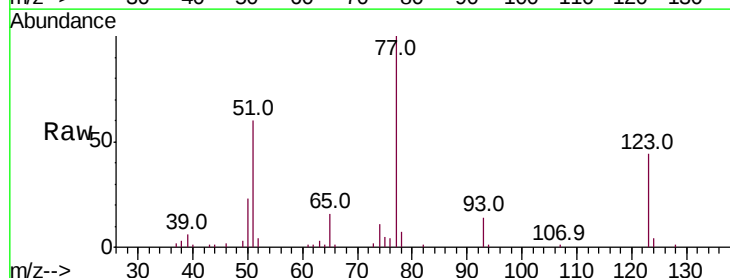
Manual Integrations
APPROVED

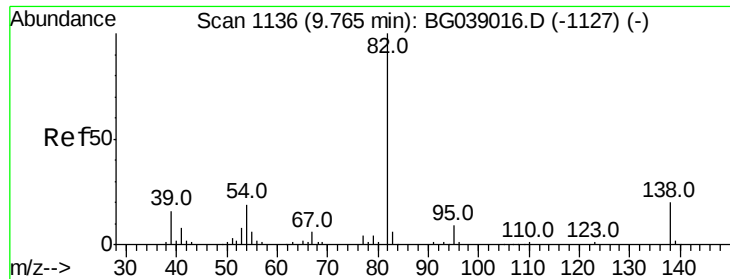
mohammad
1/29/2019 12:25:44 AM



#24
Nitrobenzene
Concen: 40.257 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	37.6	56.4
65	15.9	11.0	16.6





#25

Isophorone

Concen: 43.985 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Instrument :

BNA_G

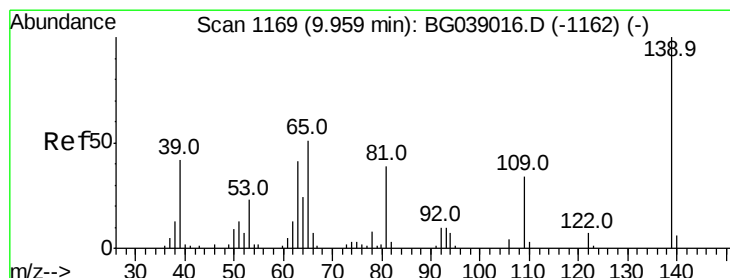
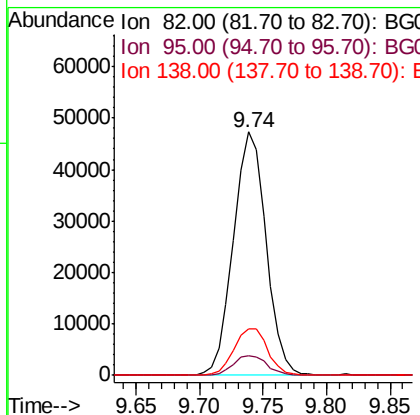
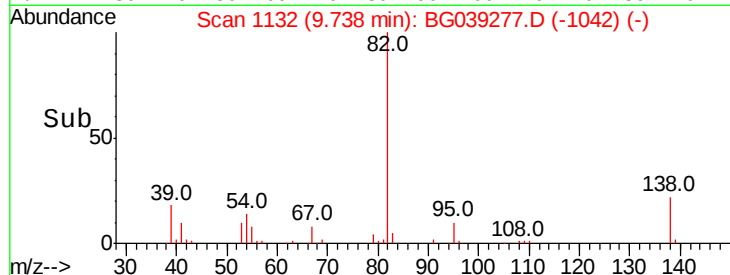
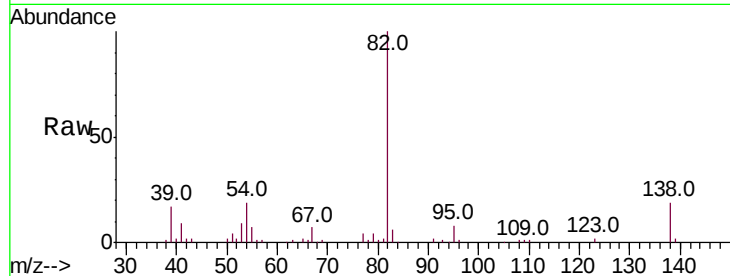
ClientSampleId :

PB116607BS

Tot Ion:	82	Resp:	84790
Ion Ratio	Lower	Upper	
82	100		
95	8.3	7.0	10.6
138	19.3	16.2	24.4

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



#26

2-Nitrophenol

Concen: 40.454 ng

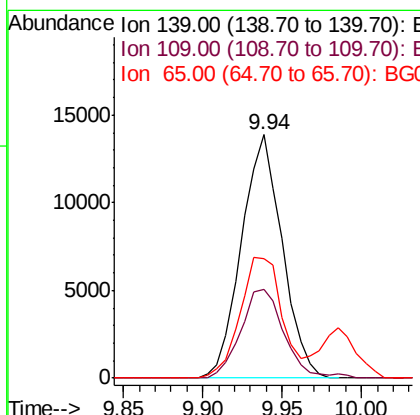
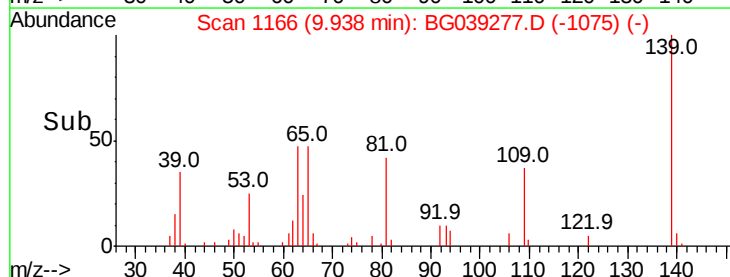
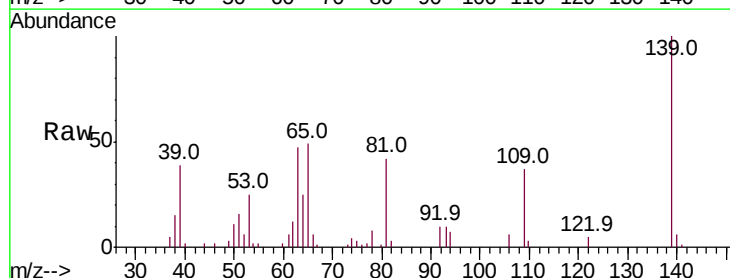
RT: 9.94 min Scan# 1166

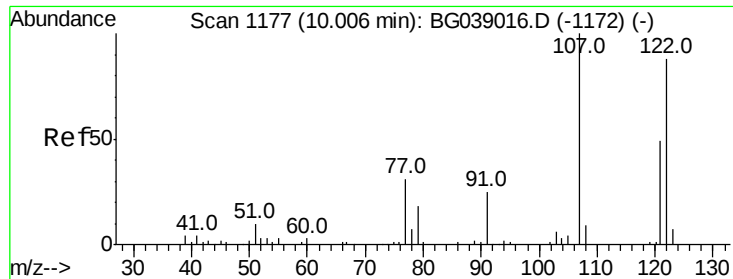
Delta R.T. 0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Tgt Ion:	139	Resp:	24751
Ion Ratio	Lower	Upper	
139	100		
109	36.6	27.3	40.9
65	49.3	40.6	61.0





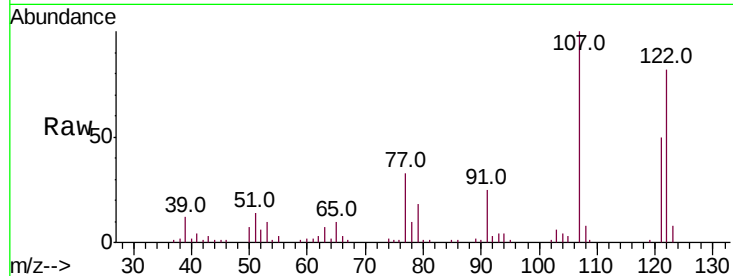
#27
2,4-Dimethylphenol
Concen: 49.694 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.5	88.8	133.2
121	60.6	43.1	64.7

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM

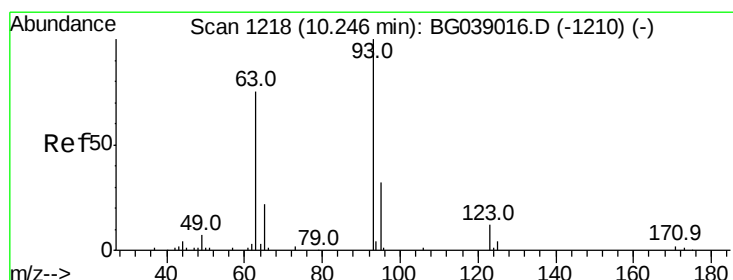
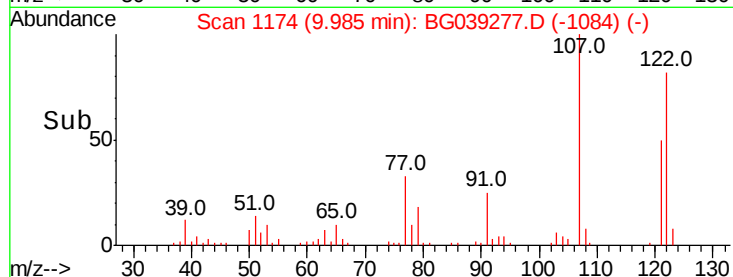
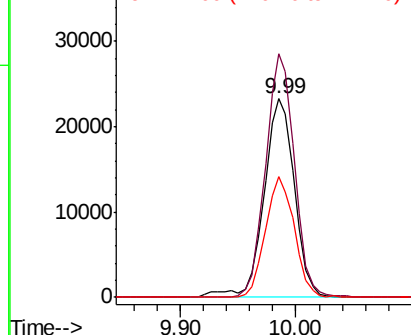


Abundance

Ion 122.00 (121.70 to 122.70): E

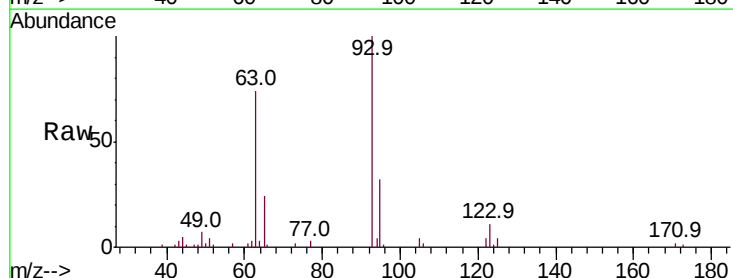
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.126 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.6	38.4
123	11.2	10.1	15.1

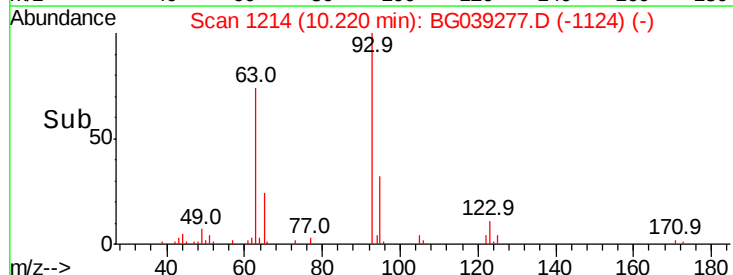
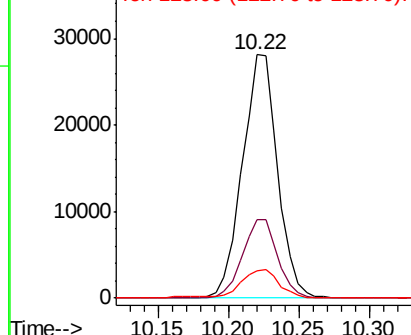


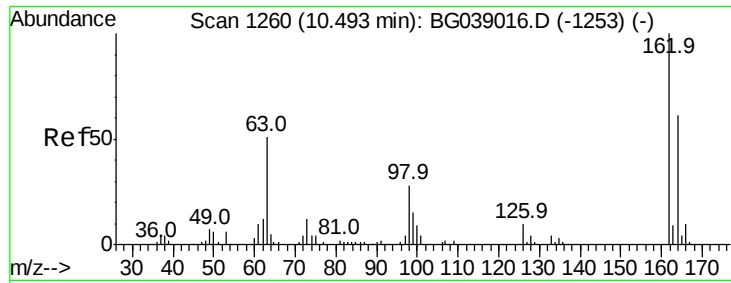
Abundance

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





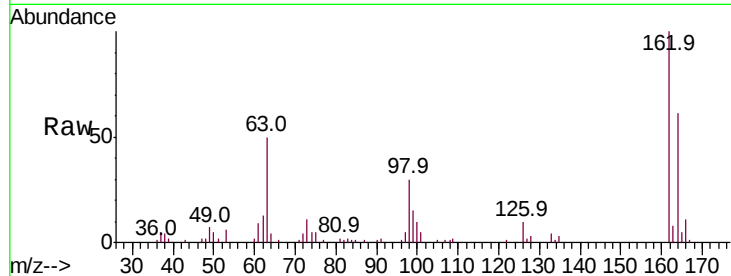
#29
 2,4-Dichlorophenol
 Concen: 46.381 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116607BS

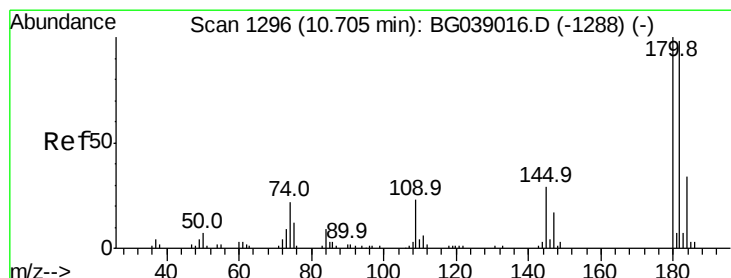
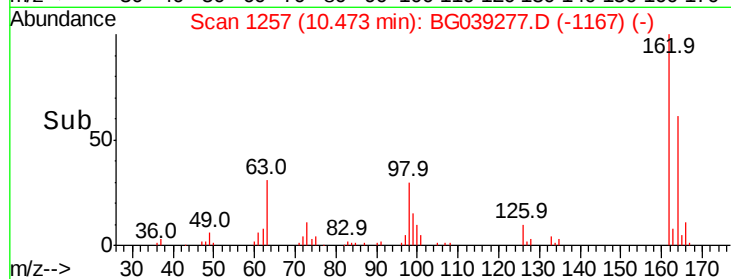
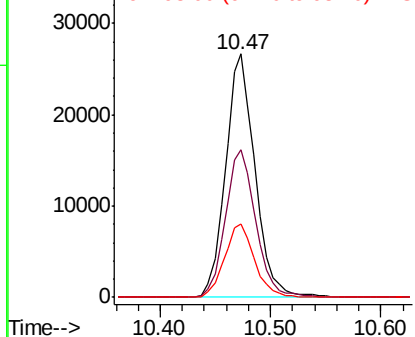
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	60.6	41.3	81.3
98	30.1	8.3	48.3

Manual Integrations
 APPROVED

mohammad
 1/29/2019 12:25:44 AM

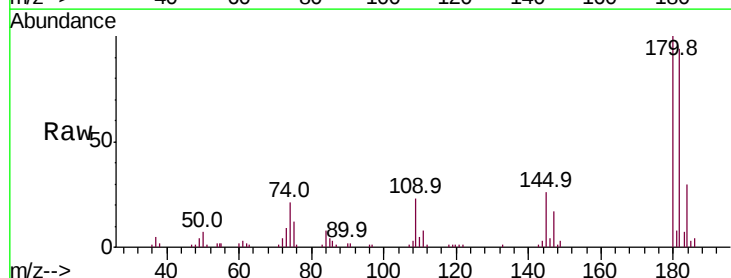


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

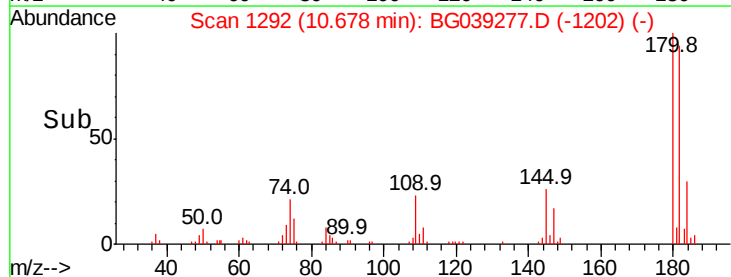
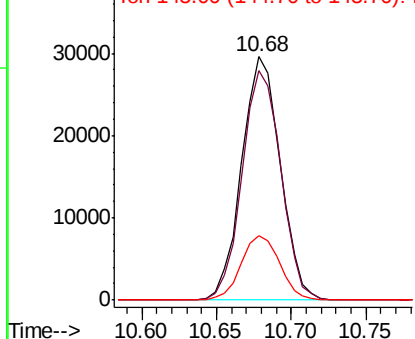


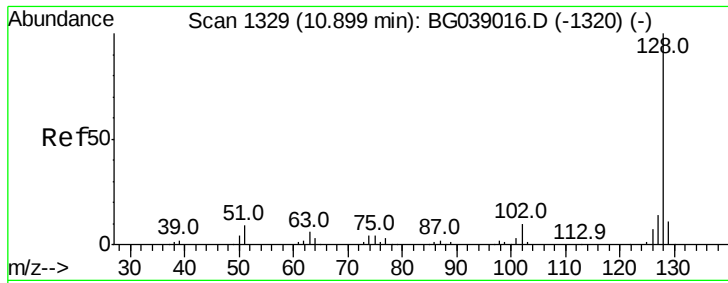
#30
 1,2,4-Trichlorobenzene
 Concen: 41.160 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.4	78.1	117.1
145	26.4	23.1	34.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





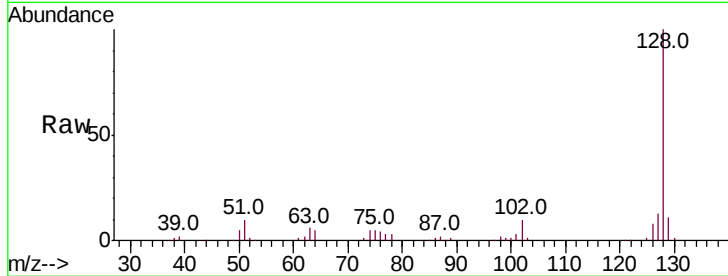
#31
Naphthalene
Concen: 42.729 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.4	11.2	16.8

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM

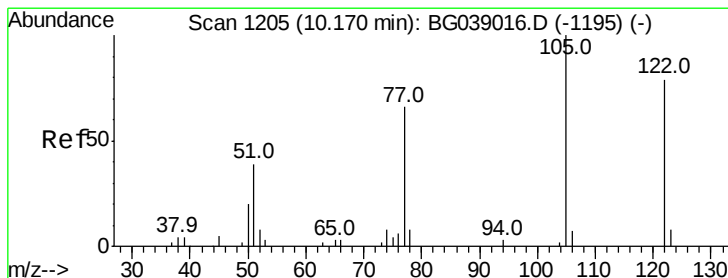
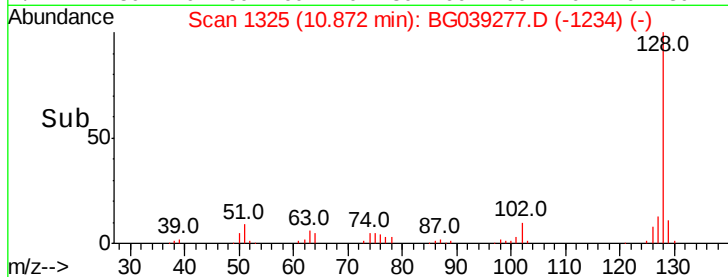
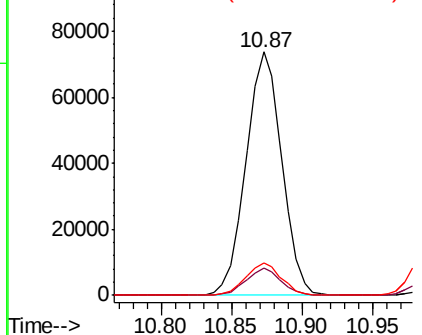


Abundance

Ion 128.00 (127.70 to 128.70): E

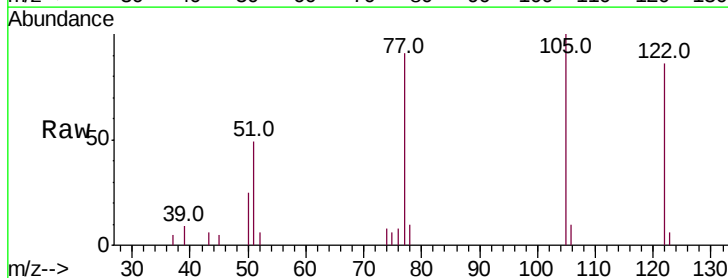
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 22.592 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.8	106.4	146.4
77	106.2	63.6	103.6

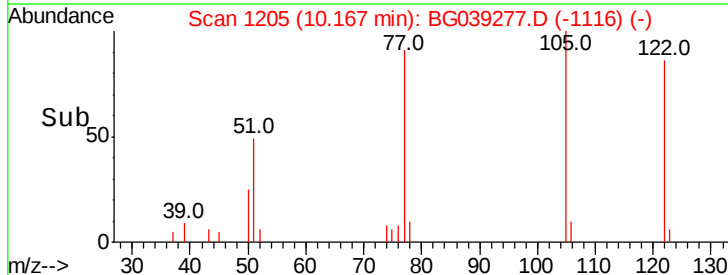
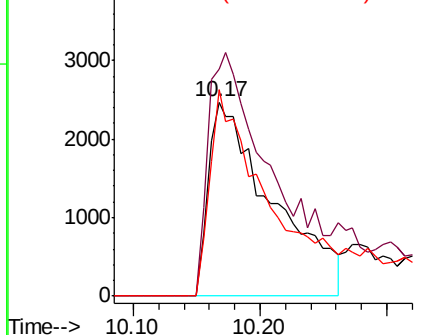


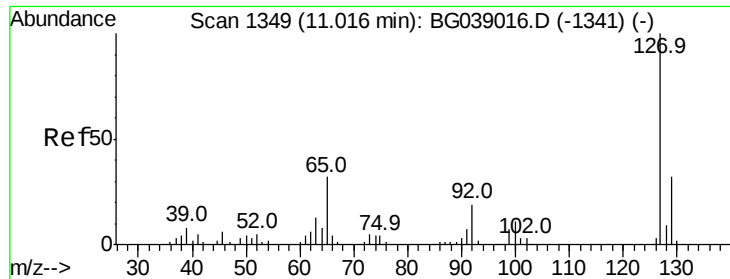
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





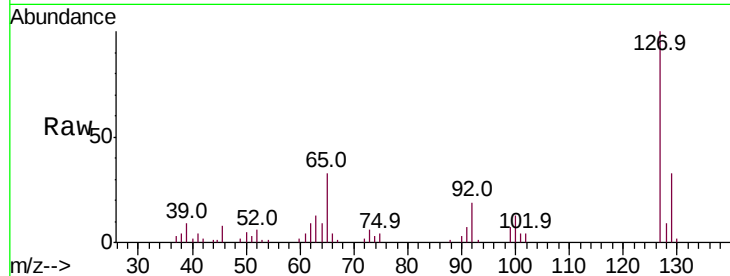
#33
4-Chloroaniline
Concen: 26.782 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampled :
PB116607BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.4	38.0	
65	33.1	25.4	38.0	
92	19.3	15.2	22.8	

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



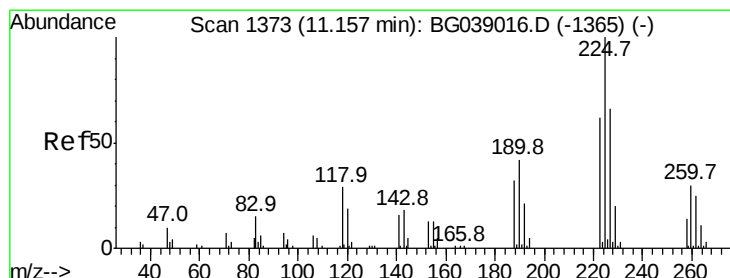
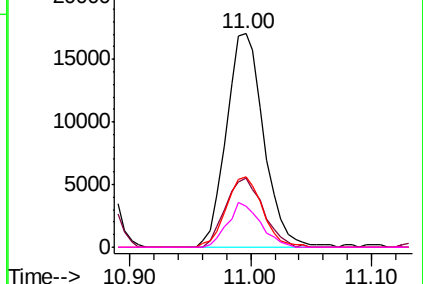
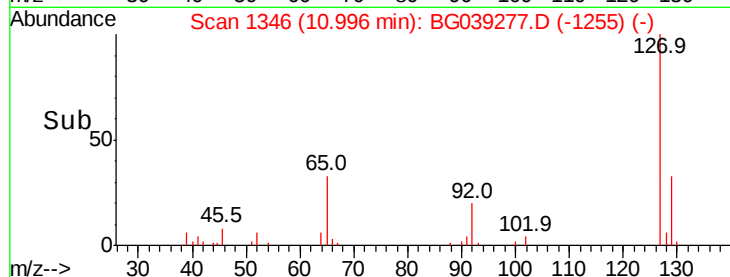
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

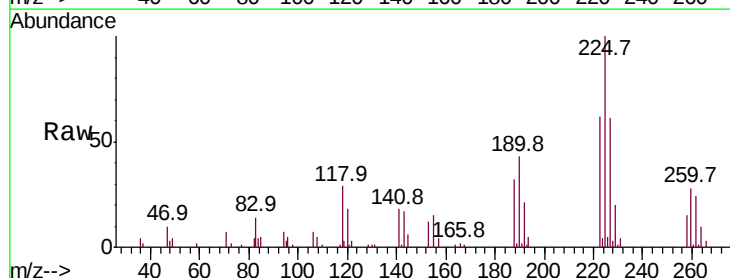
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.724 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	58.8	50.2	75.4	
227	61.6	53.2	79.8	

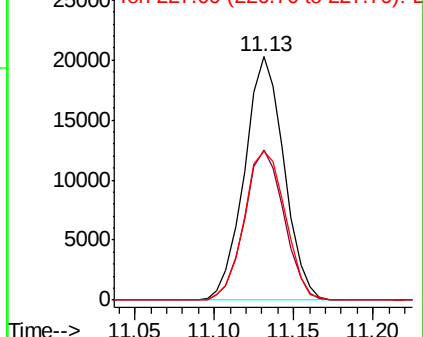
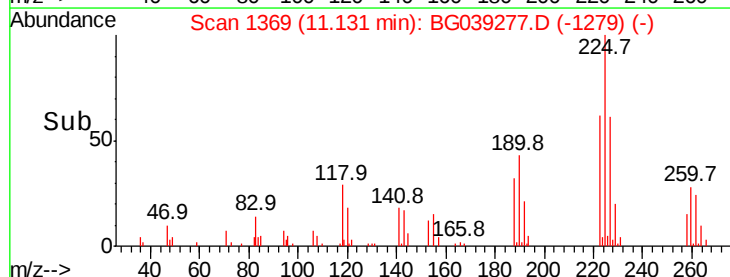


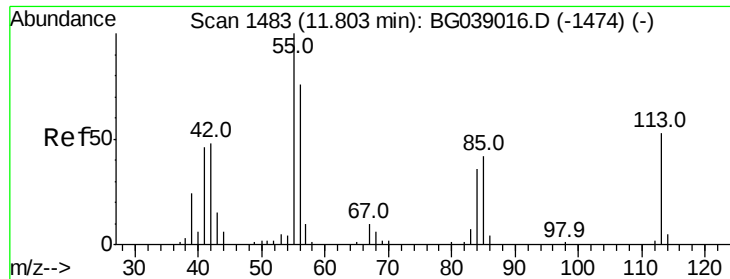
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





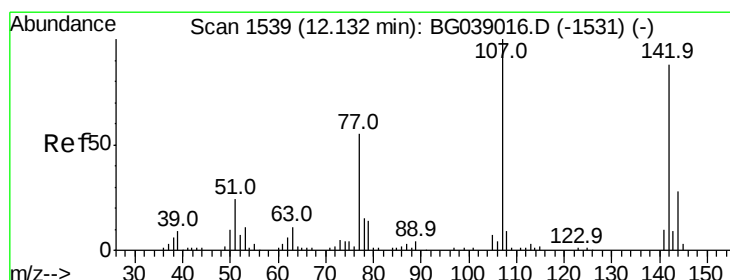
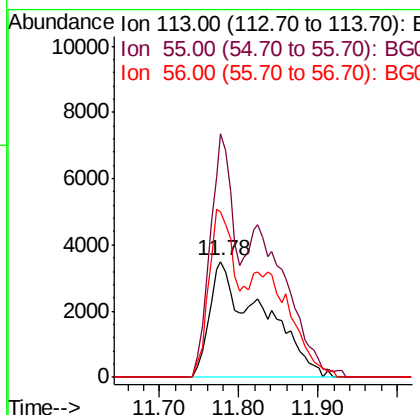
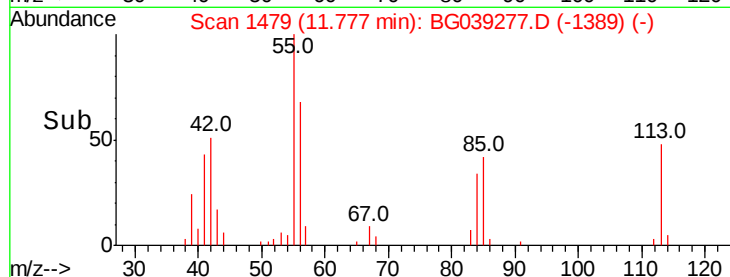
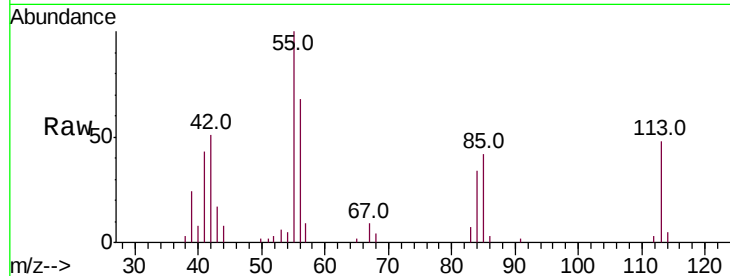
#35
Caprolactam
Concen: 37.579 ng/ml
RT: 11.78 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleID :
PB116607BS

Tot Ion:113 Resp: 16114
Ion Ratio Lower Upper
113 100
55 210.4 168.6 208.6#
56 142.5 123.2 163.2

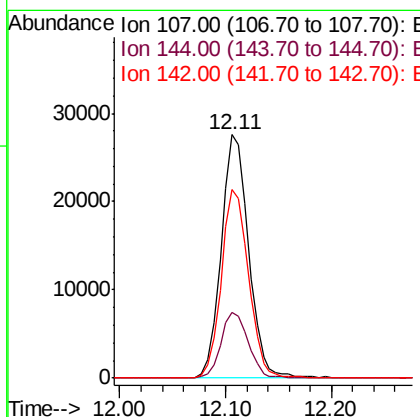
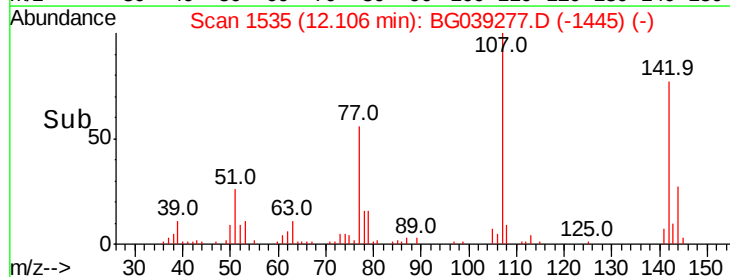
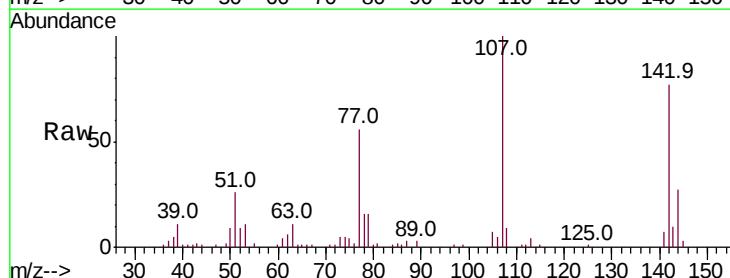
Manual Integrations
APPROVED

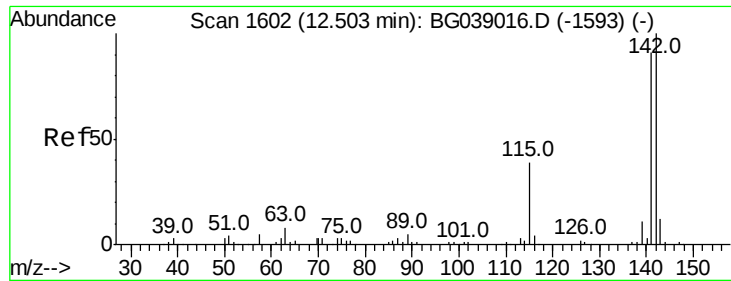
mohammad
1/29/2019 12:25:44 AM



#36
4-Chloro-3-methylphenol
Concen: 43.330 ng
RT: 12.11 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion:107 Resp: 49558
Ion Ratio Lower Upper
107 100
144 27.2 22.6 34.0
142 77.3 70.2 105.4





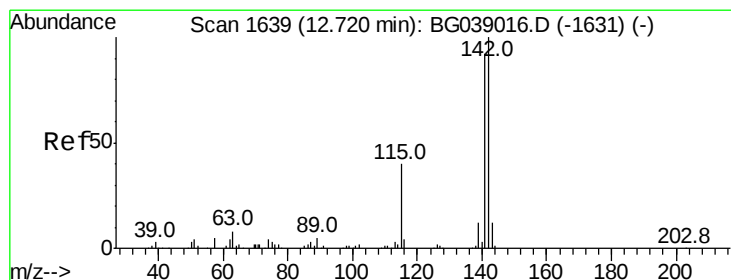
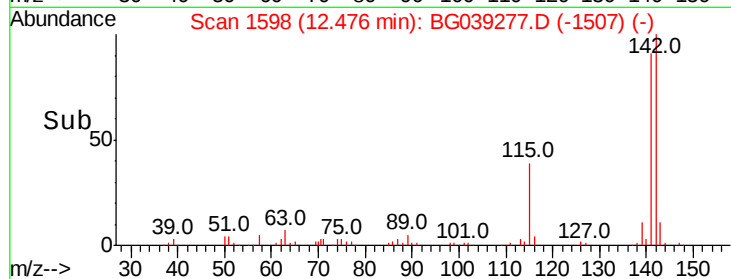
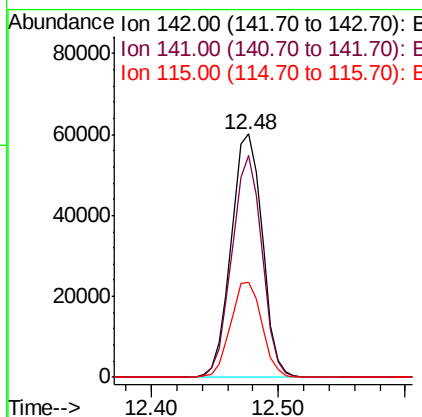
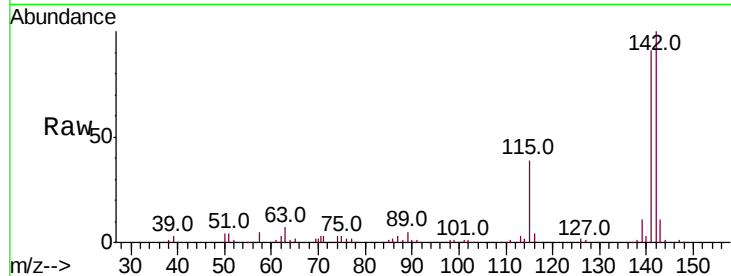
#37
2-Methylnaphthalene
Concen: 44.283 ng
RT: 12.48 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	109.0
115	39.1	31.1	46.7

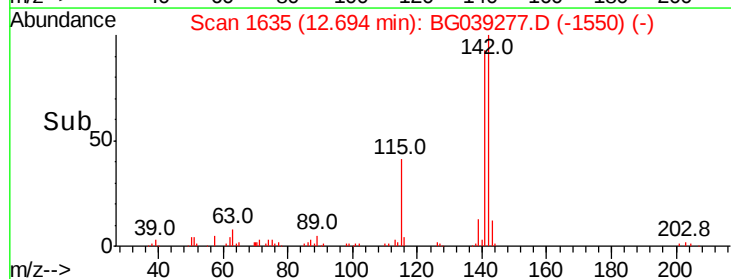
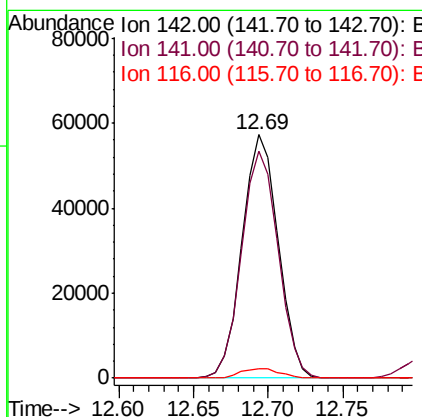
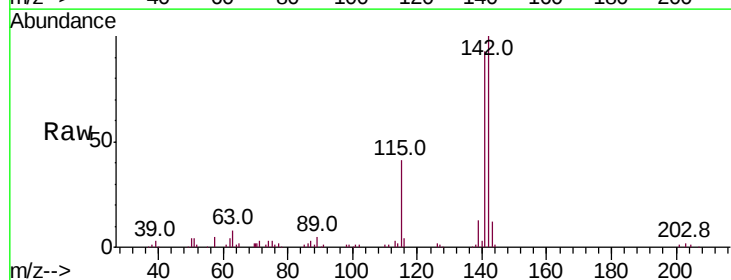
Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



#38
1-Methylnaphthalene
Concen: 43.396 ng
RT: 12.69 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.3	109.9
116	3.9	3.1	4.7





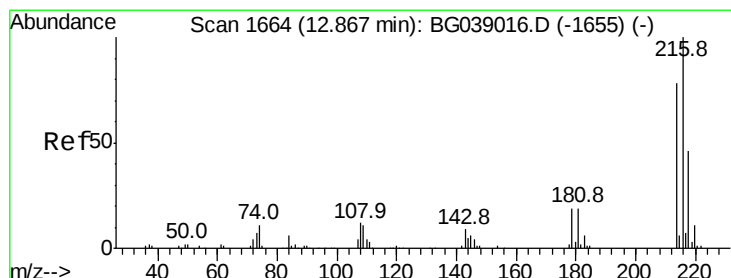
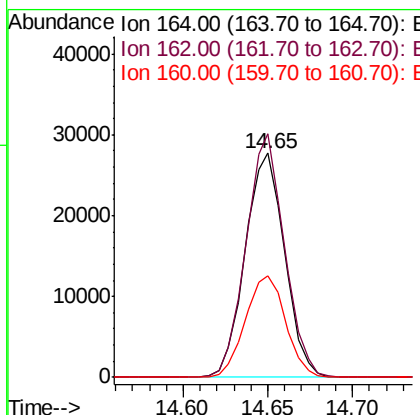
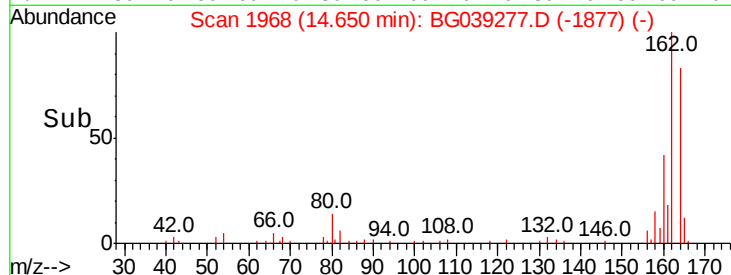
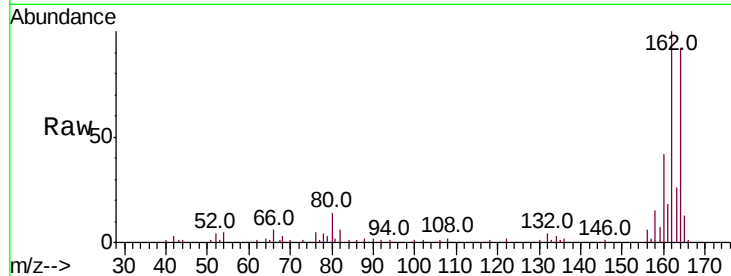
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.5	87.2	130.8
160	45.2	33.3	49.9

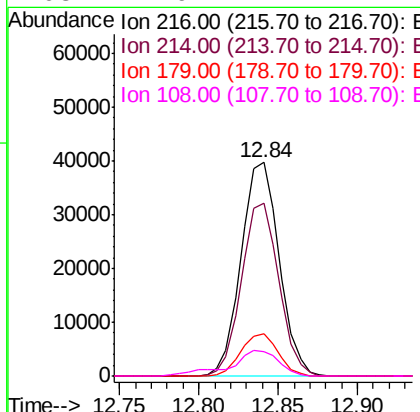
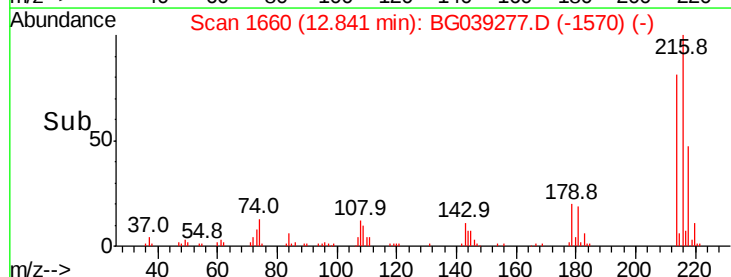
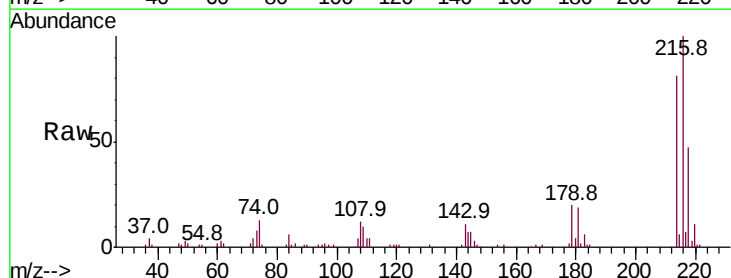
Manual Integrations
APPROVED

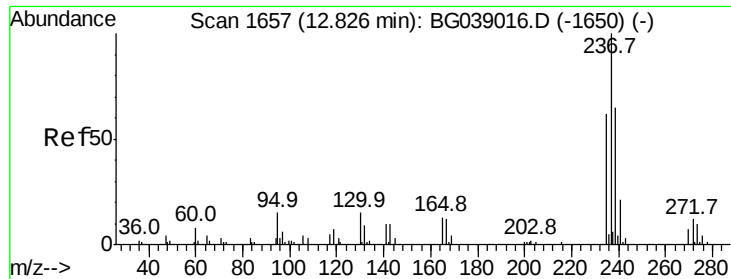
mohammad
1/29/2019 12:25:44 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.385 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	19.6	15.5	23.3
108	14.9	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 78.373 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Instrument :

BNA_G

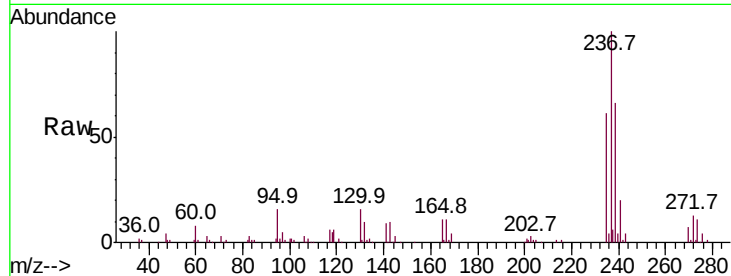
ClientSampleId :

PB116607BS

Tot Ion:	237	Resp:	74241
Ion Ratio	Lower	Upper	
237	100		
235	60.8	41.7	81.7
272	12.7	0.0	32.1

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM

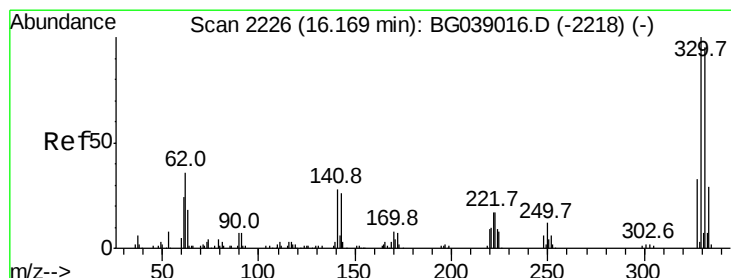
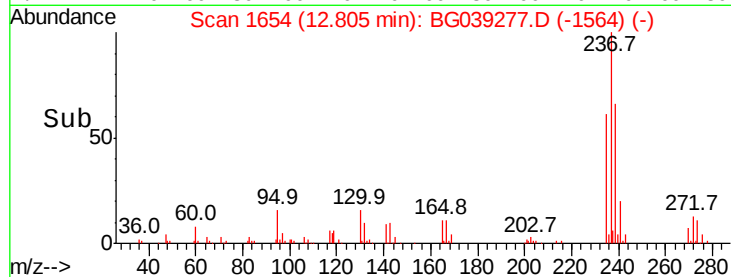
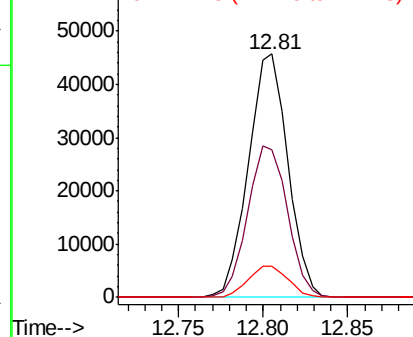


Abundance

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: 137.455 ng

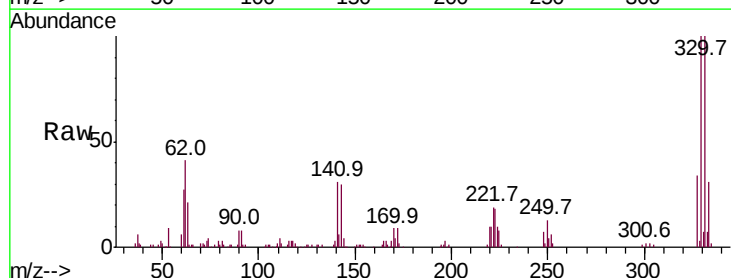
RT: 16.14 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Tgt Ion:	330	Resp:	103356
Ion Ratio	Lower	Upper	
330	100		
332	96.3	75.7	113.5
141	31.3	24.9	37.3

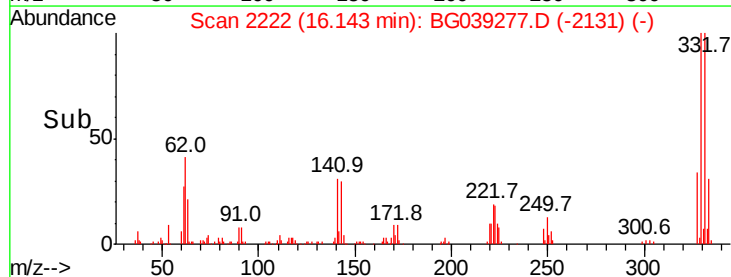
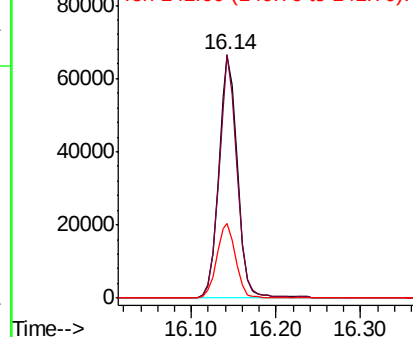


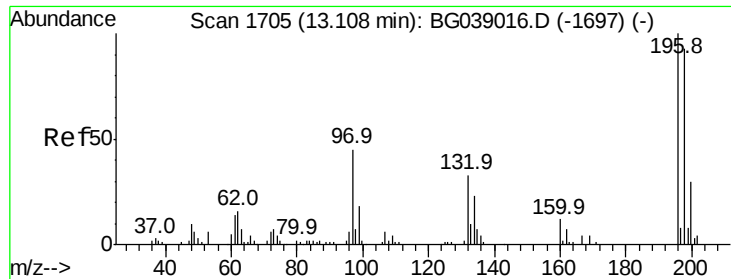
Abundance

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





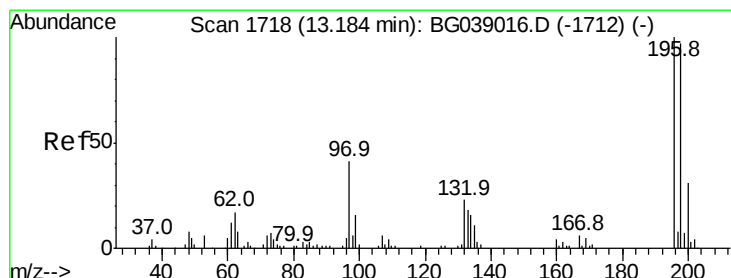
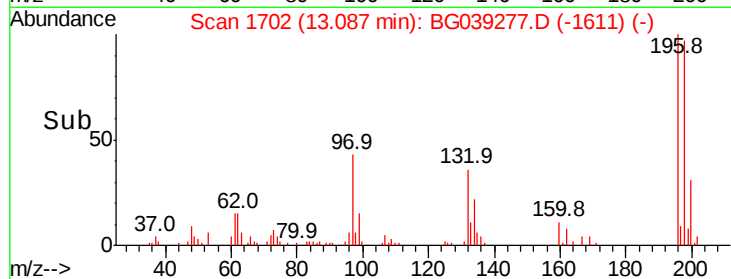
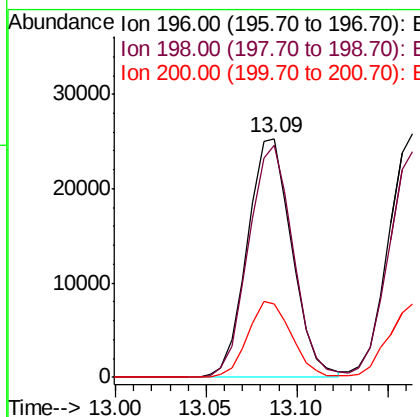
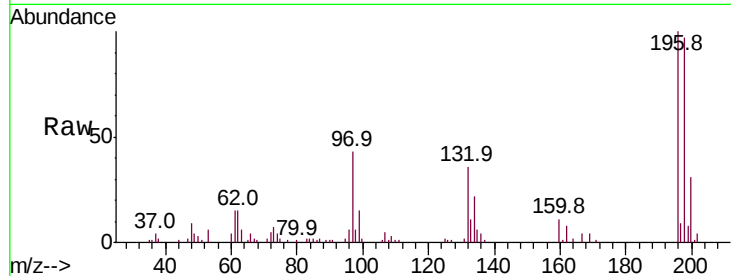
#43
 2,4,6-Trichlorophenol
 Concen: 40.863 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116607BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	43326		
198	97.1		74.5	111.7
200	30.5		23.8	35.6

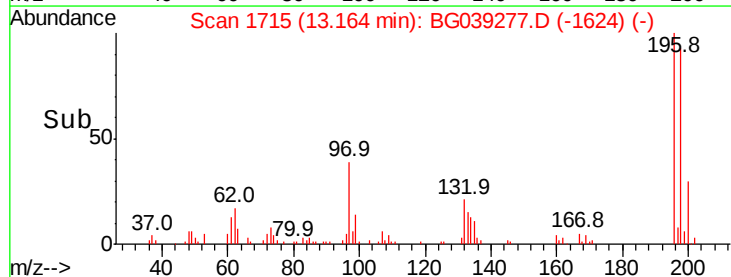
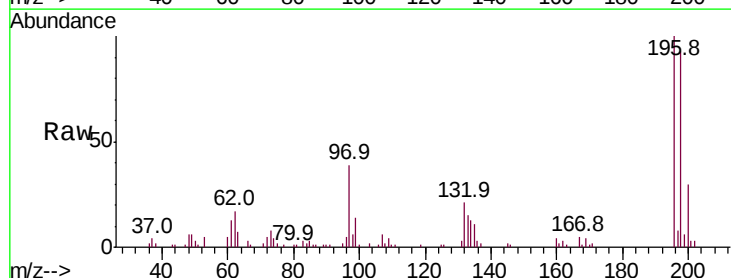
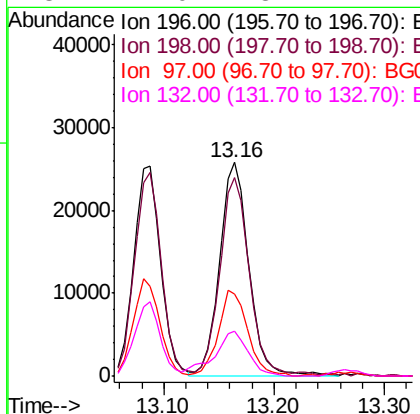
Manual Integrations
 APPROVED

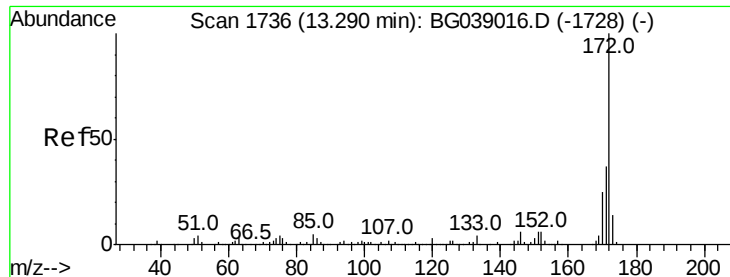
mohammad
 1/29/2019 12:25:44 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.643 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	47787		
198	92.8		78.1	117.1
97	38.6		33.2	49.8
132	21.0		18.2	27.4





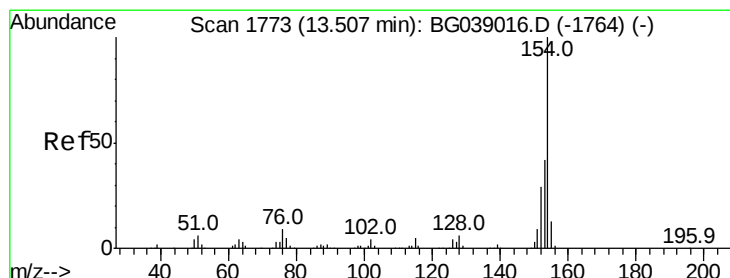
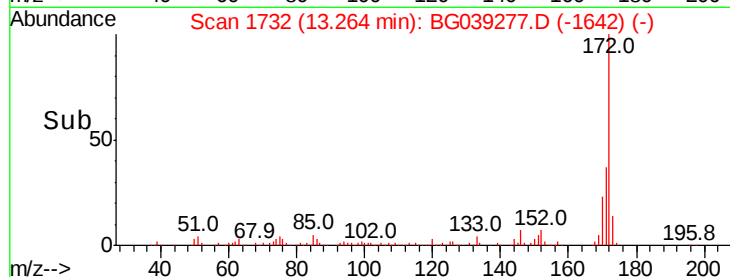
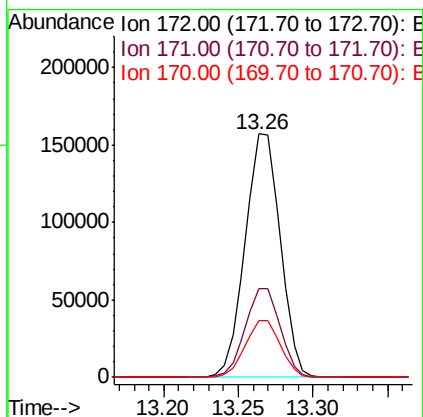
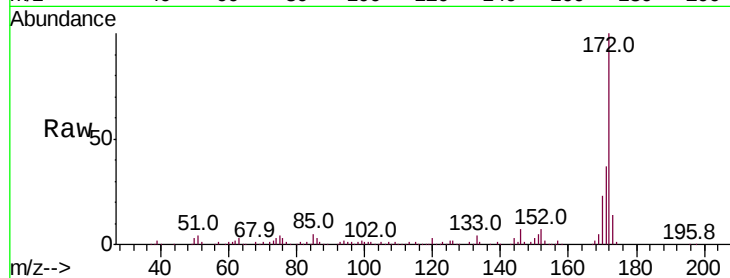
#45
2-Fluorobiphenyl
Concen: 78.052 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	23.5	20.1	30.1

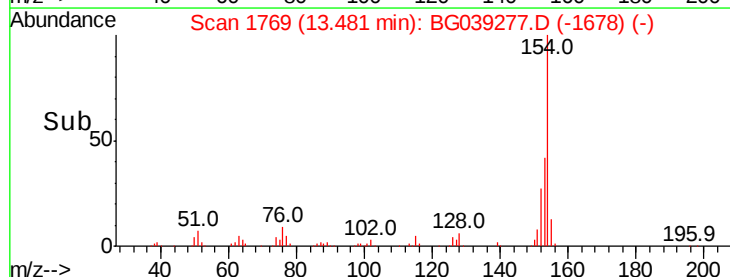
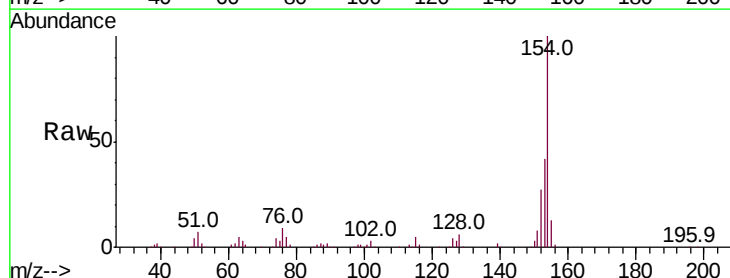
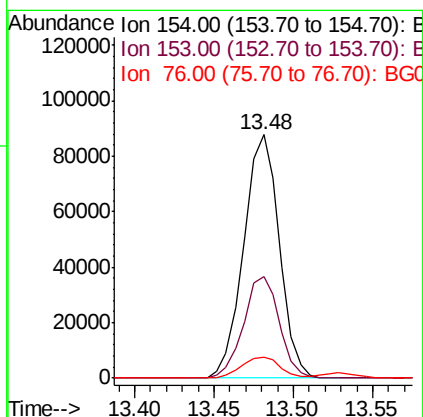
Manual Integrations
APPROVED

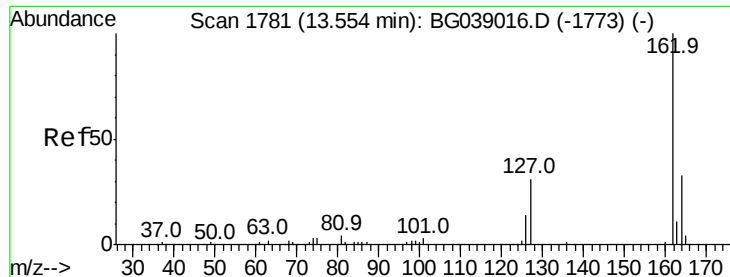
mohammad
1/29/2019 12:25:44 AM



#46
1,1'-Biphenyl
Concen: 38.481 ng
RT: 13.48 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.4	62.4
76	8.8	0.0	29.4





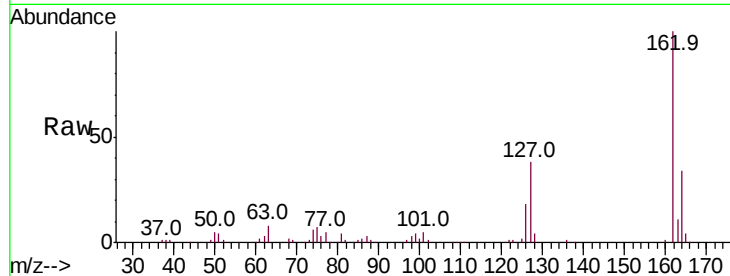
#47
2-Chloronaphthalene
Concen: 38.918 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	28.4	42.6
164	33.6	26.3	39.5

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM

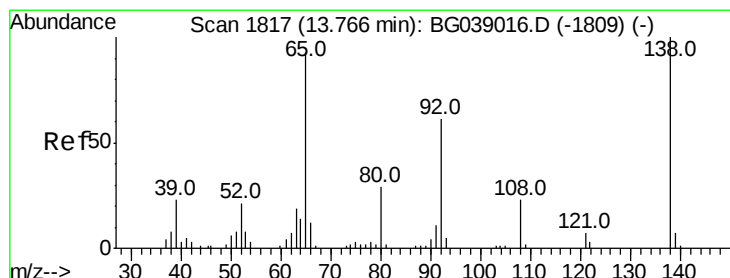
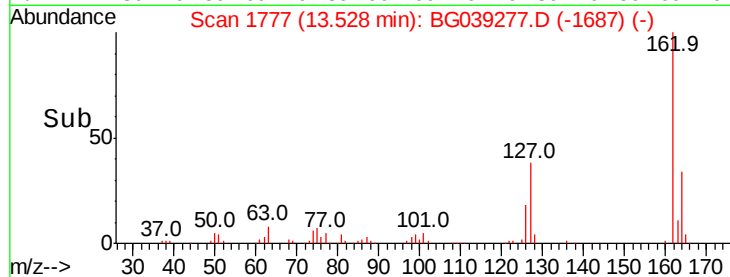
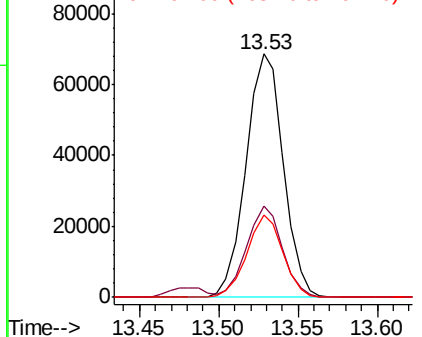


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.680 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

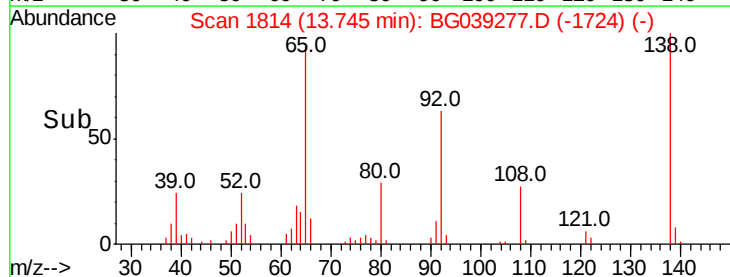
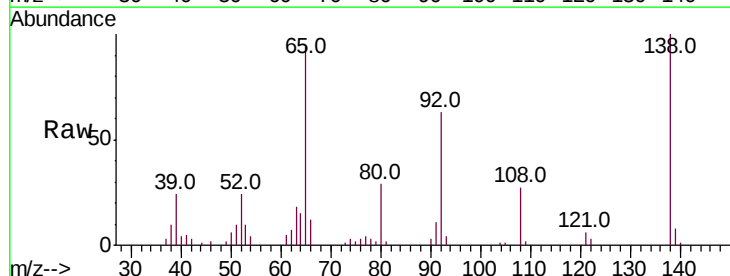
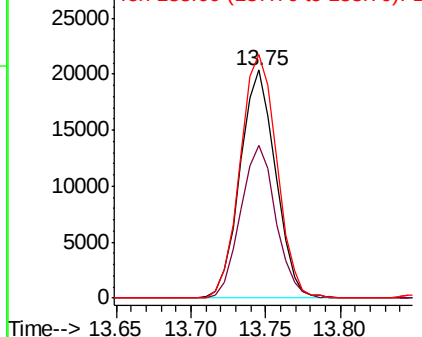
Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	52.2	78.4
138	106.9	86.0	129.0

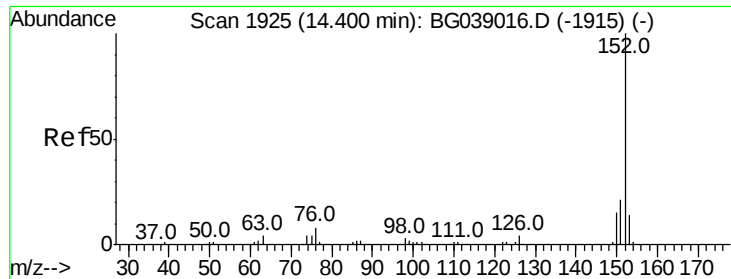
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.223 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Instrument :

BNA_G

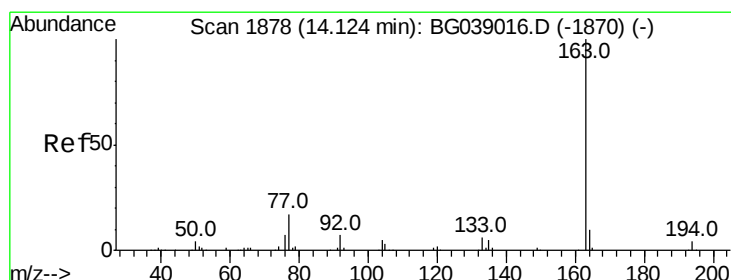
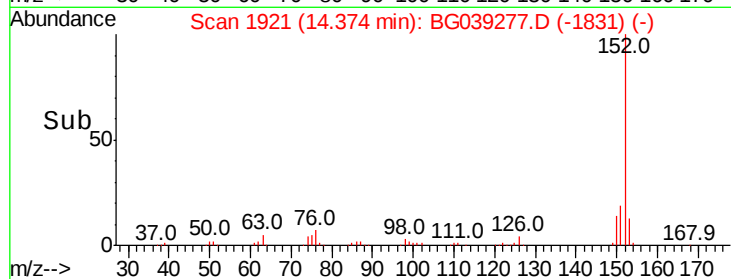
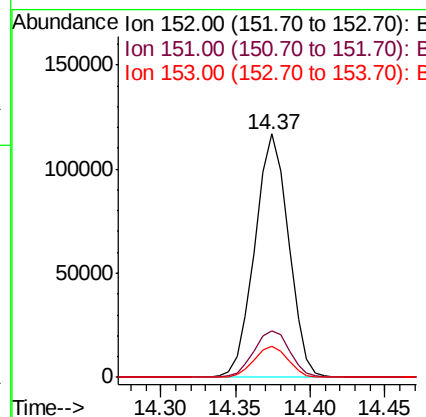
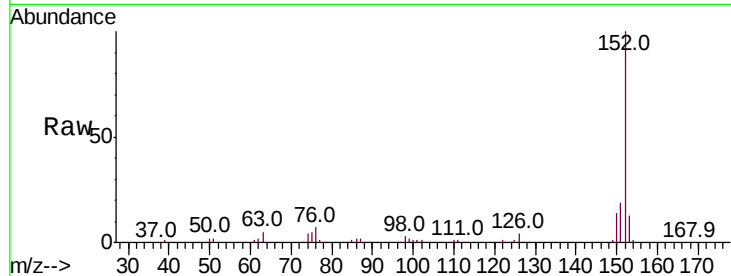
ClientSampleId :

PB116607BS

Tot Ion:	152	Resp:	182539
Ion Ratio	Lower	Upper	
152	100		
151	19.3	17.0	25.4
153	12.6	11.2	16.8

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



#50

Dimethylphthalate

Concen: 40.698 ng

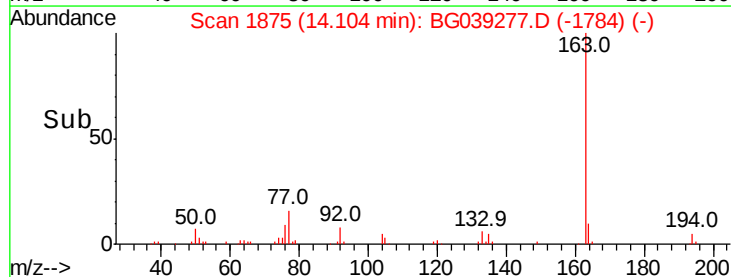
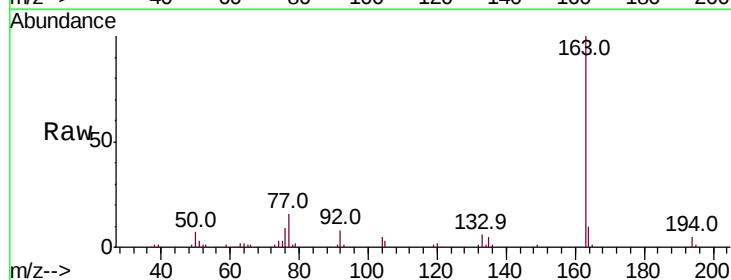
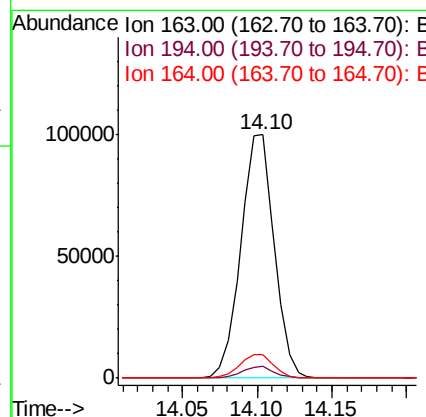
RT: 14.10 min Scan# 1875

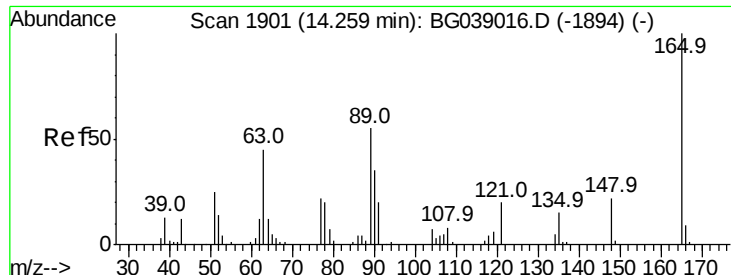
Delta R.T. 0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Tgt Ion:	163	Resp:	154272
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.6	5.4
164	9.7	8.2	12.2





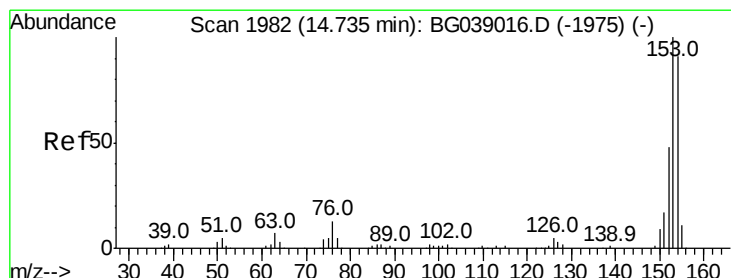
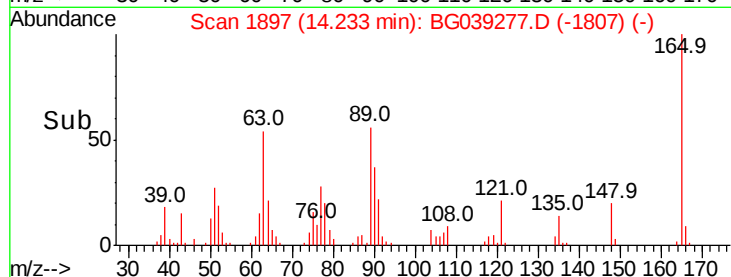
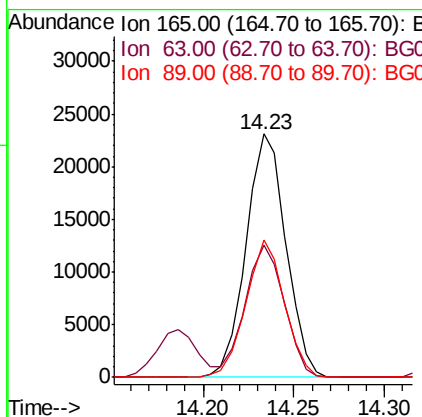
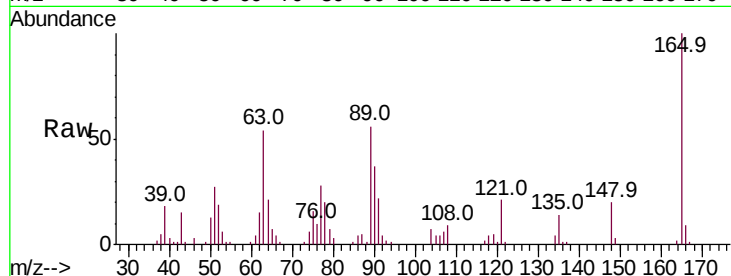
#51
 2,6-Dinitrotoluene
 Concen: 41.616 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116607BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.4	43.6	65.4
89	56.4	43.7	65.5

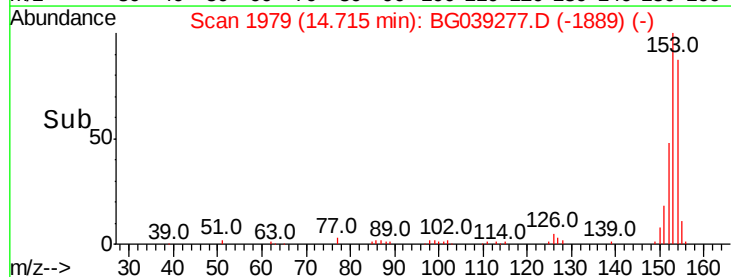
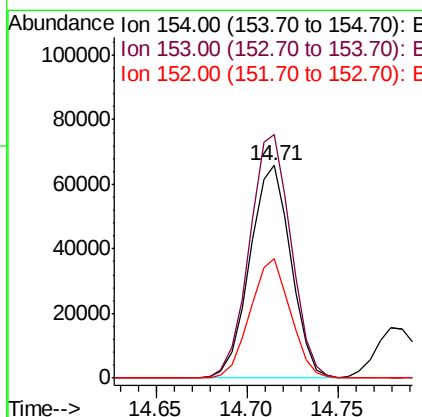
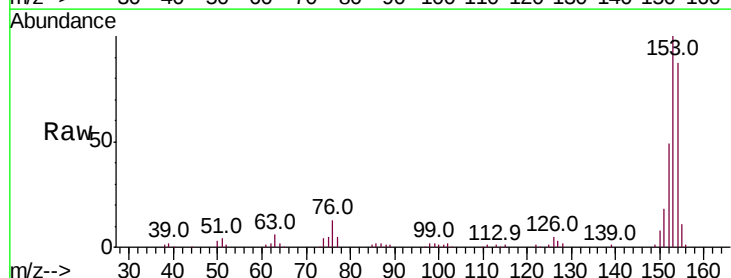
Manual Integrations
 APPROVED

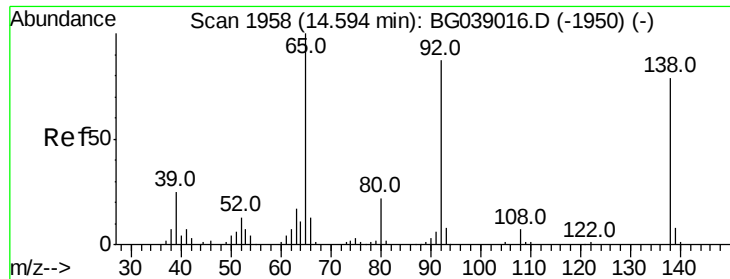
mohammad
 1/29/2019 12:25:44 AM



#52
 Acenaphthene
 Concen: 39.816 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	87.9	131.9
152	56.0	42.2	63.2





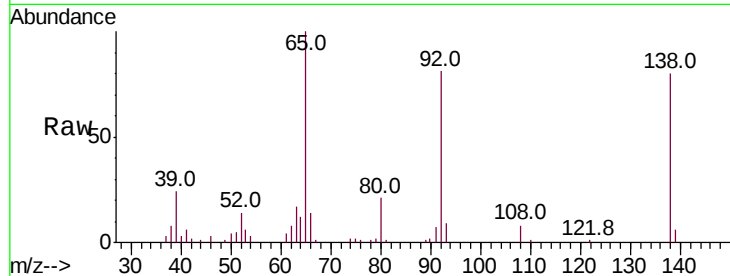
#53
3-Nitroaniline
Concen: 29.902 ng
RT: 14.57 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

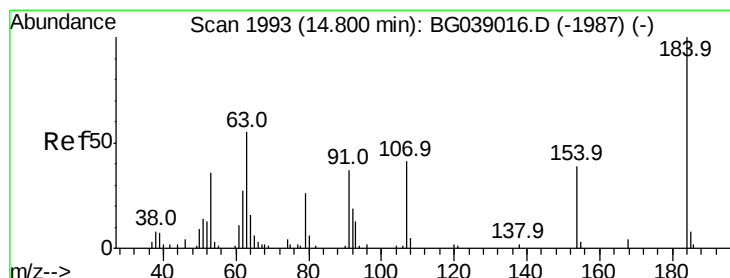
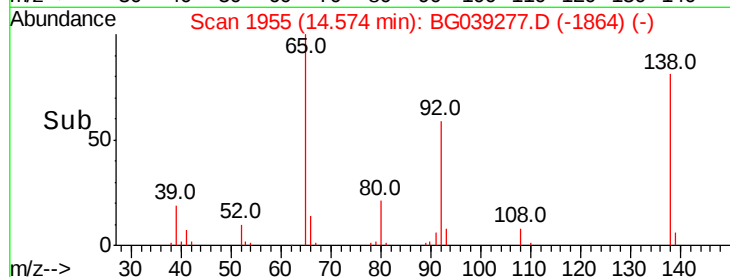
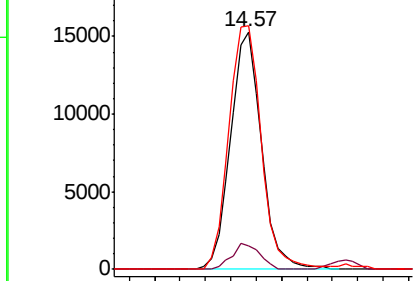
Tot Ion:138 Resp: 25707
Ion Ratio Lower Upper
138 100
108 9.8 7.4 11.0
92 102.4 88.2 132.4

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM

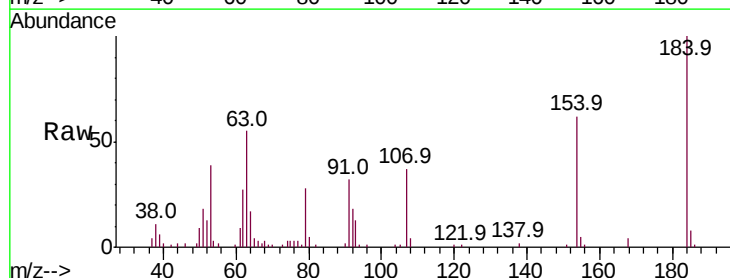


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

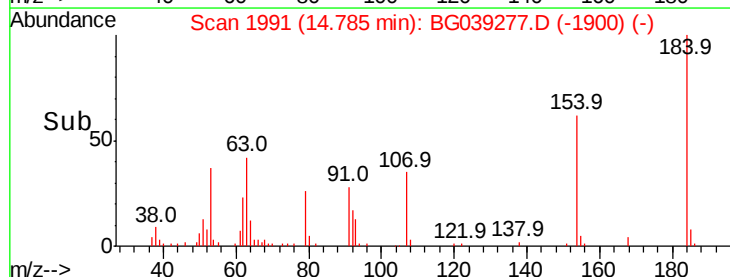
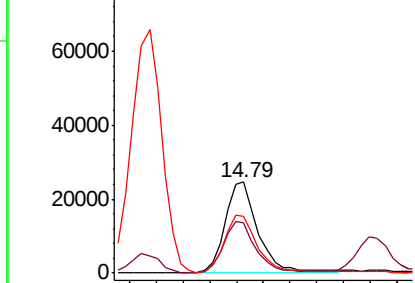


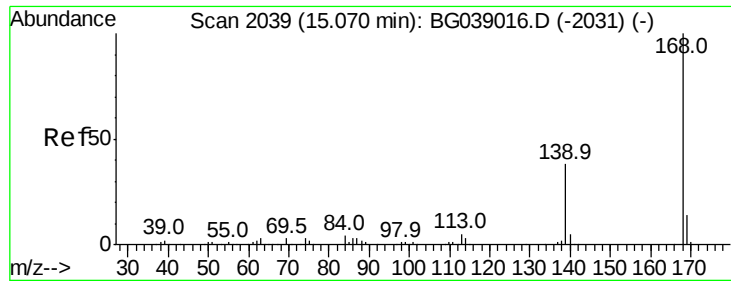
#54
2,4-Dinitrophenol
Concen: 84.641 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion:184 Resp: 43056
Ion Ratio Lower Upper
184 100
63 55.0 44.0 66.0
154 62.2 46.1 69.1



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





#55

Dibenzenofuran

Concen: 39.622 ng

RT: 15.04 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Instrument :

BNA_G

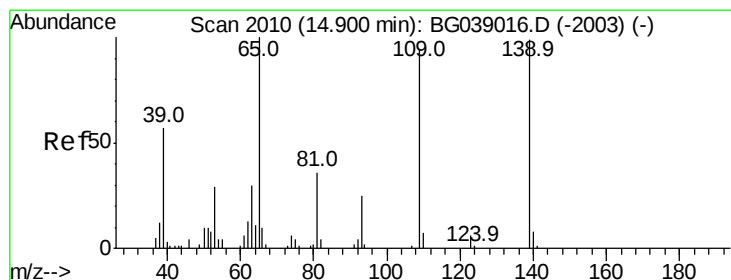
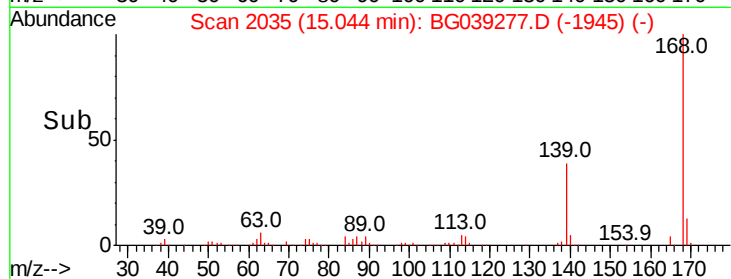
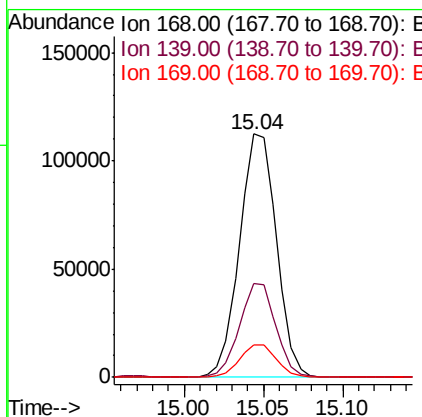
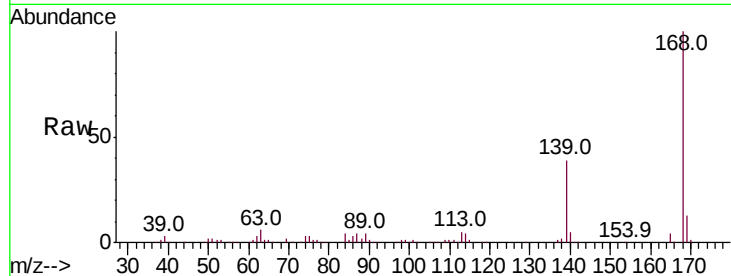
ClientSampleId :

PB116607BS

Tot Ion:	168	Resp:	181769
Ion Ratio	Lower	Upper	
168	100		
139	38.7	30.1	45.1
169	13.4	10.9	16.3

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



#56

4-Nitrophenol

Concen: 86.359 ng

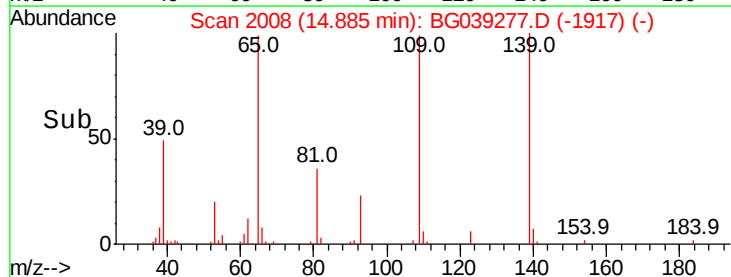
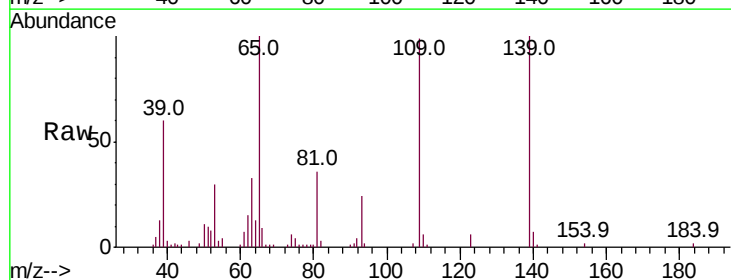
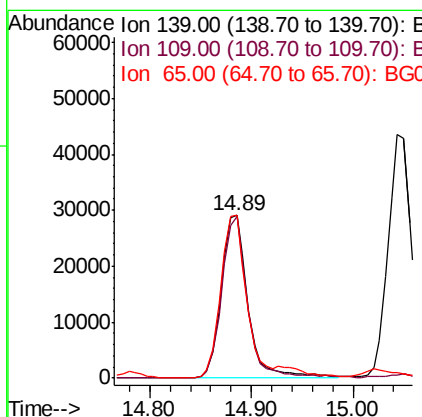
RT: 14.89 min Scan# 2008

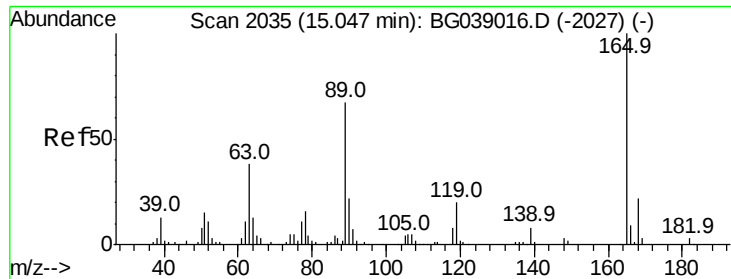
Delta R.T. 0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Tgt Ion:	139	Resp:	53421
Ion Ratio	Lower	Upper	
139	100		
109	98.9	75.6	115.6
65	100.2	81.2	121.2





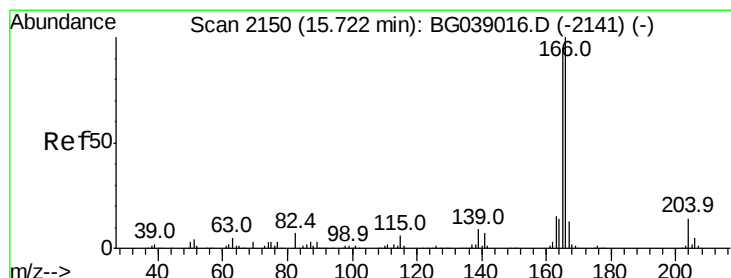
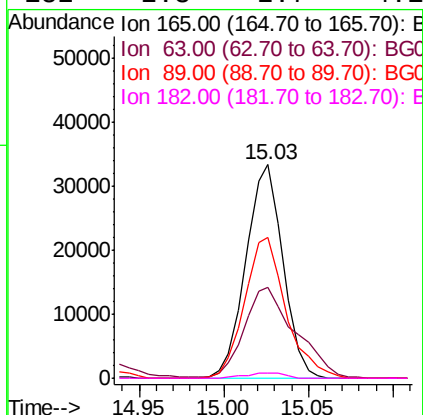
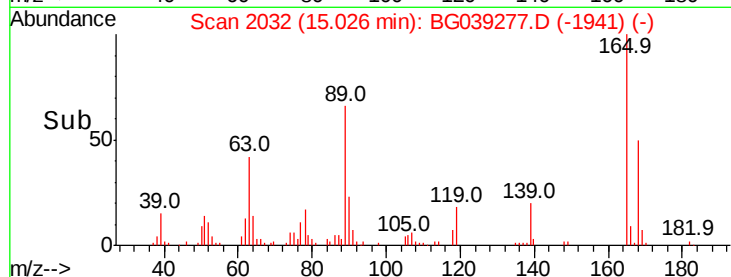
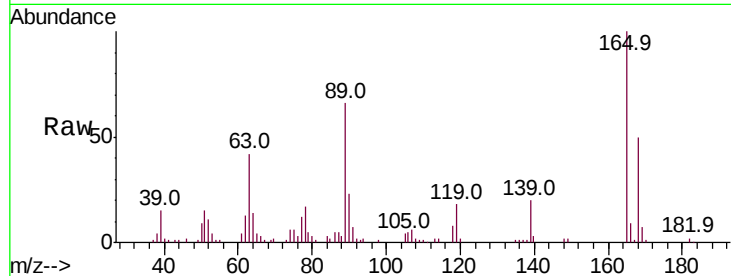
#57
2,4-Dinitrotoluene
Concen: 41.706 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.5	30.2	45.4	
89	65.8	53.2	79.8	
182	2.3	2.7	4.1	

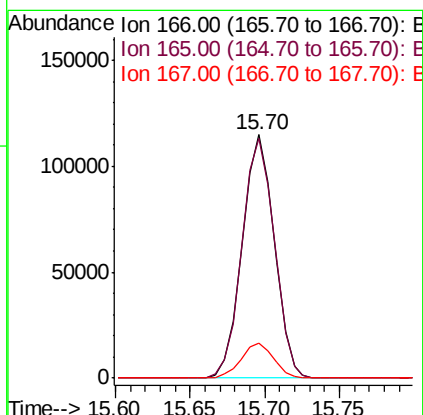
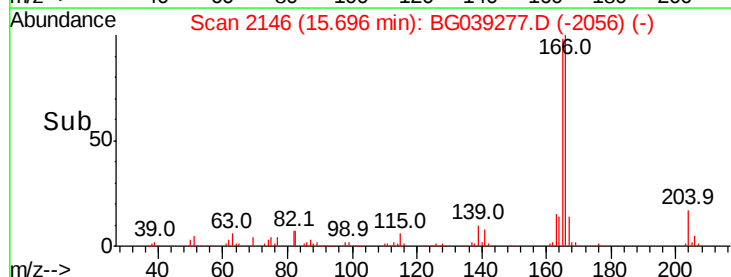
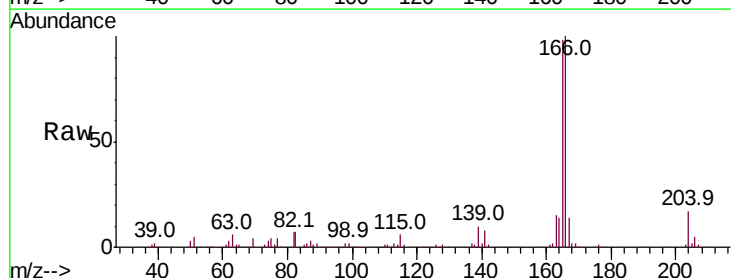
Manual Integrations
APPROVED

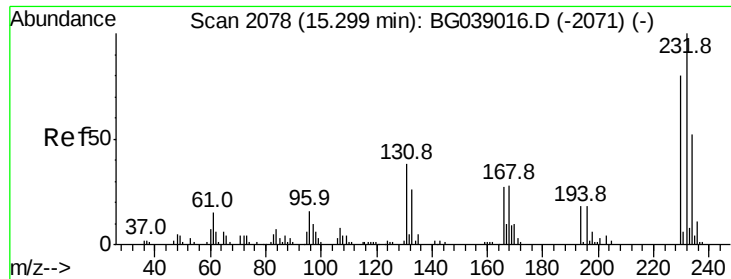
mohammad
1/29/2019 12:25:44 AM



#58
Fluorene
Concen: 49.372 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.5	76.2	114.2	
167	14.3	10.6	16.0	





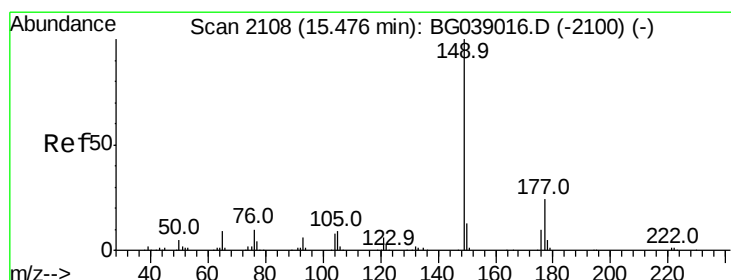
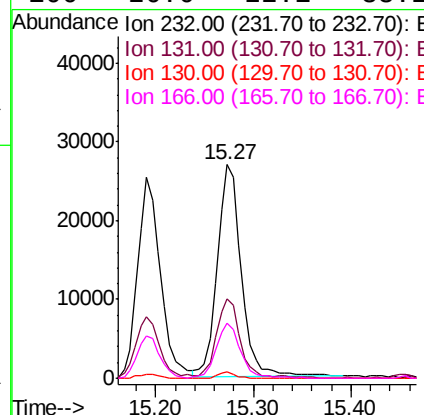
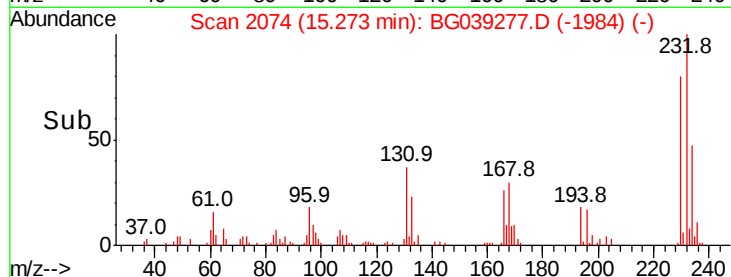
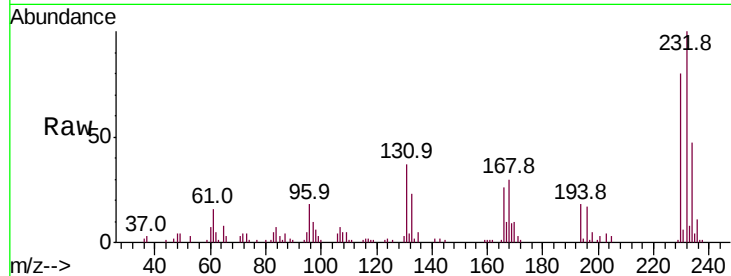
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.311 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116607BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	45816		
131	37.6		30.9	46.3
130	2.0		1.9	2.9
166	26.6		22.1	33.1

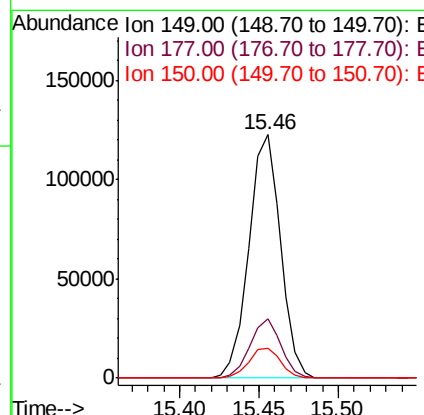
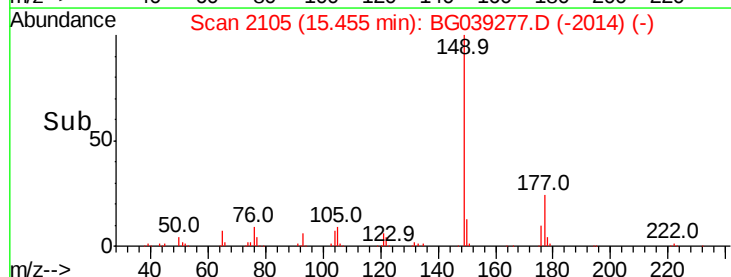
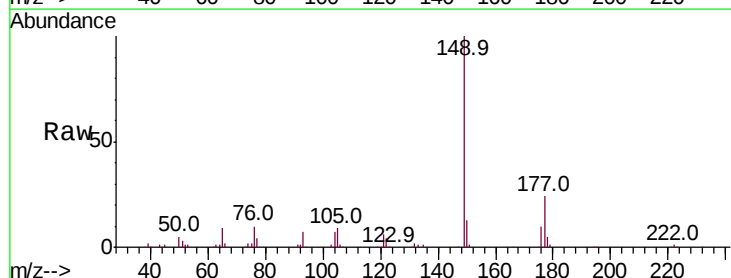
Manual Integrations
 APPROVED

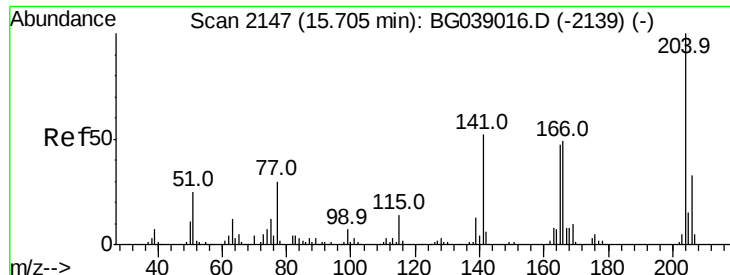
mohammad
 1/29/2019 12:25:44 AM



#60
 Diethylphthalate
 Concen: 43.359 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	169340		
177	24.3		19.0	28.6
150	12.5		10.2	15.4





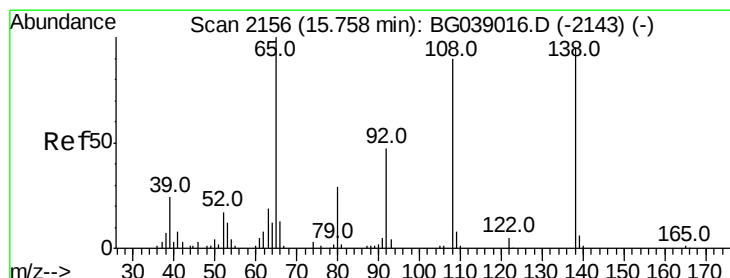
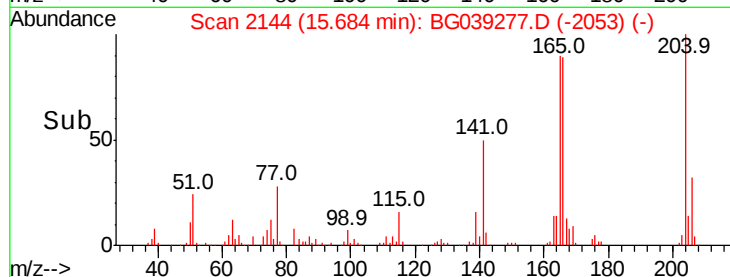
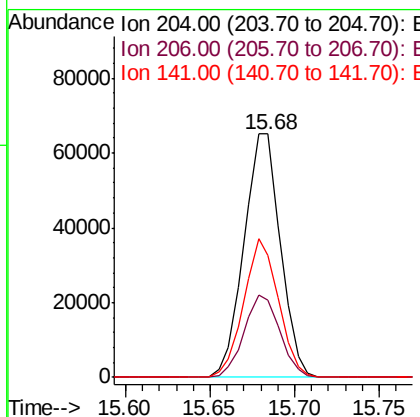
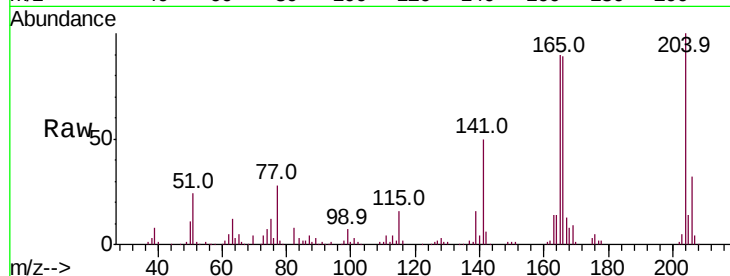
#61
4-Chlorophenyl-phenylether
Concen: 44.994 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleID :
PB116607BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.6	39.8
141	50.0	41.4	62.0

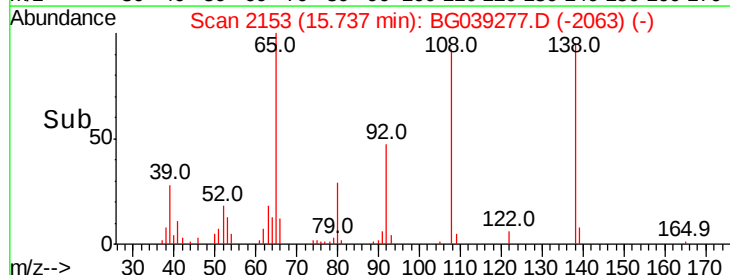
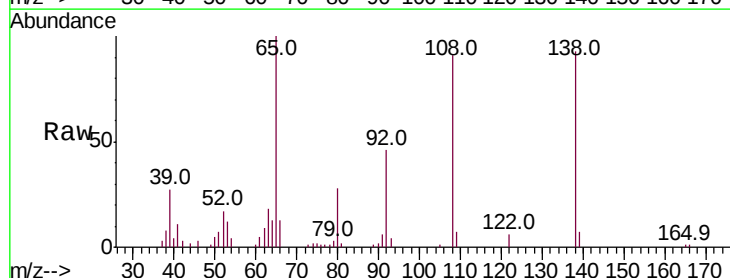
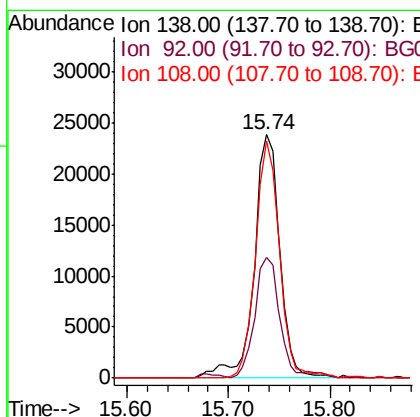
Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



#62
4-Nitroaniline
Concen: 46.689 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.7	69.7
108	97.5	75.7	115.7





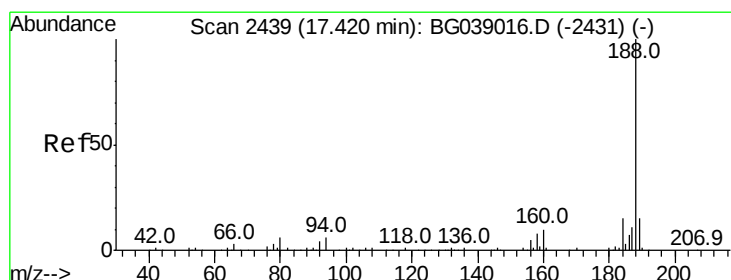
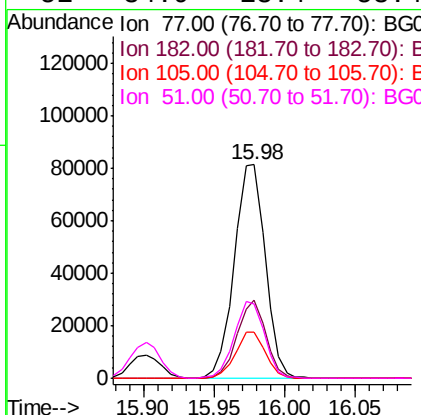
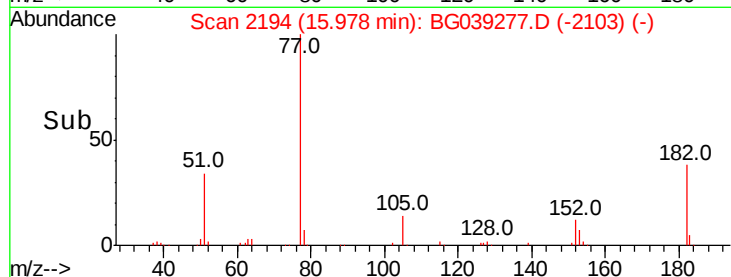
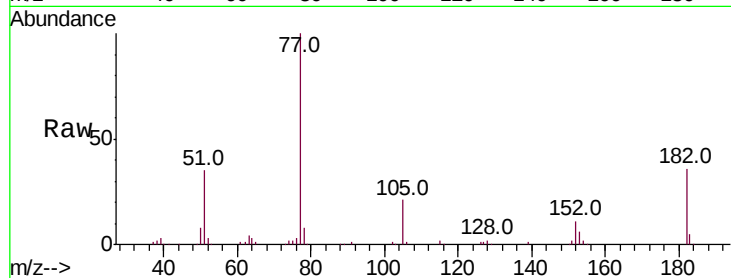
#63
Azobenzene
Concen: 40.970 ng
RT: 15.98 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	36.4	12.2	52.2
105	21.4	1.2	41.2
51	34.9	13.4	53.4

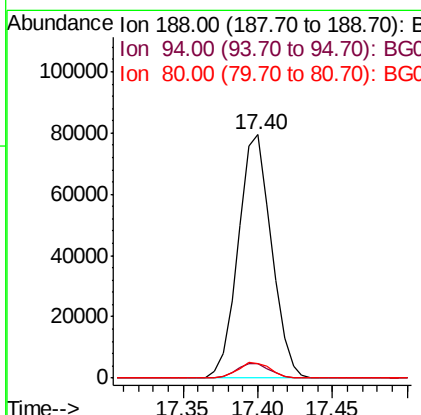
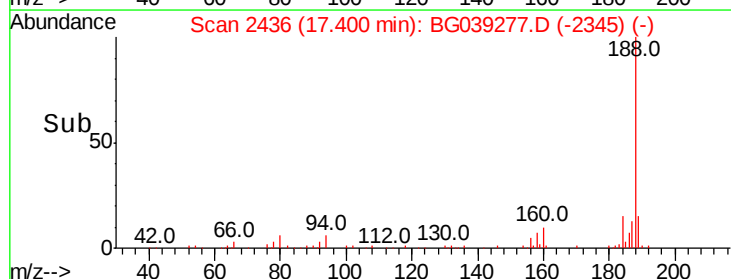
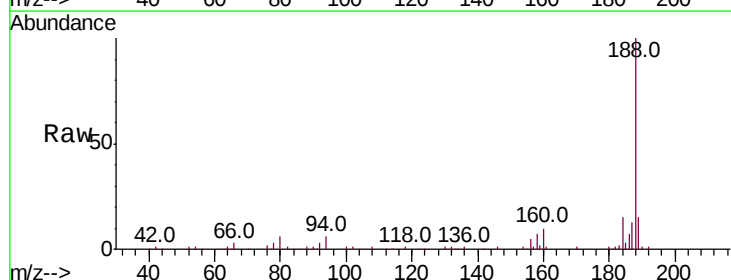
Manual Integrations
APPROVED

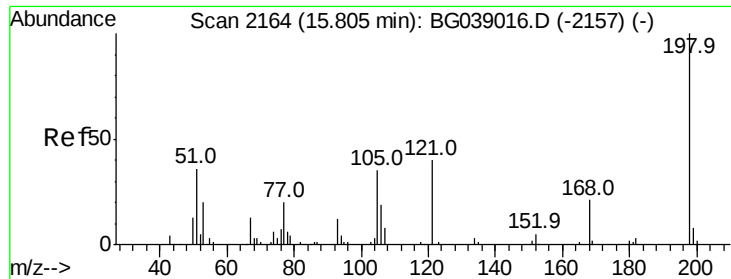
mohammad
1/29/2019 12:25:44 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.0	7.4
80	5.7	4.7	7.1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.035 ng

RT: 15.78 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Instrument :

BNA_G

ClientSampleId :

PB116607BS

Tot Ion:198 Resp: 37295

Ion Ratio Lower Upper

198 100

51 40.1 20.8 60.8

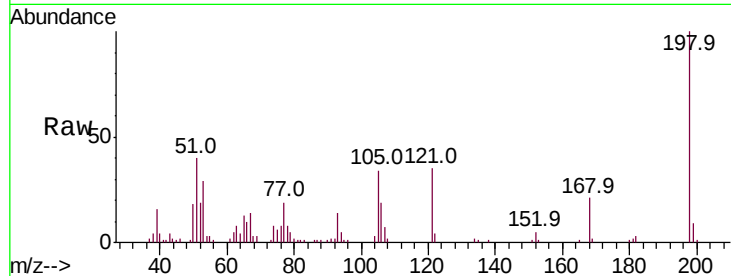
105 34.0 16.1 56.1

Manual Integrations

APPROVED

mohammad

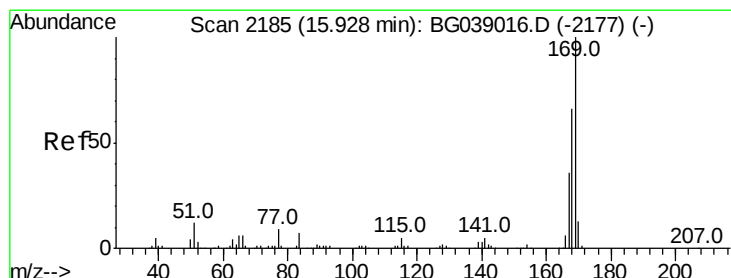
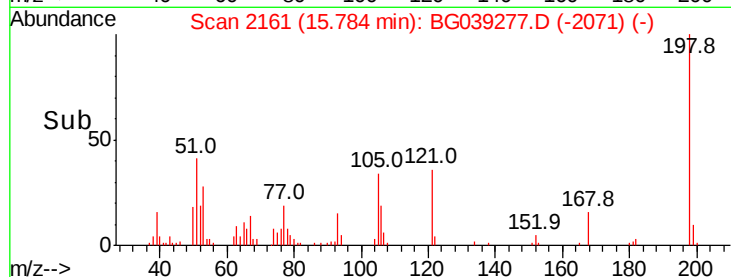
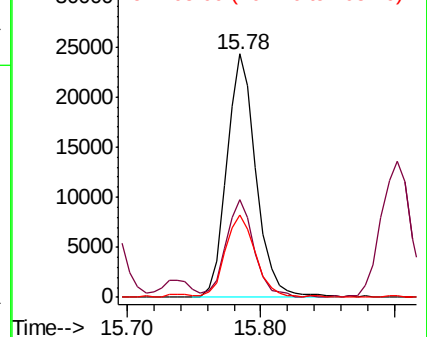
1/29/2019 12:25:44 AM



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: 40.015 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

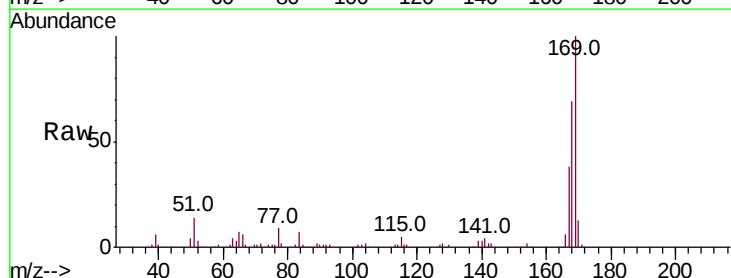
Tgt Ion:169 Resp: 145525

Ion Ratio Lower Upper

169 100

168 69.0 53.2 79.8

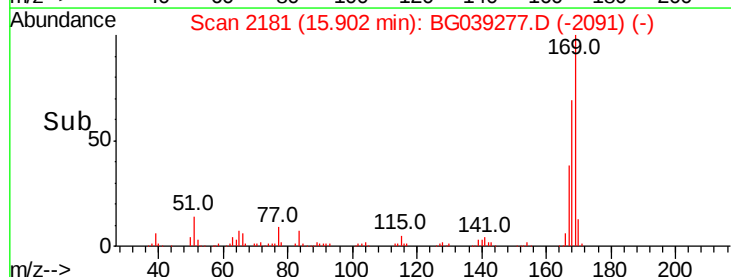
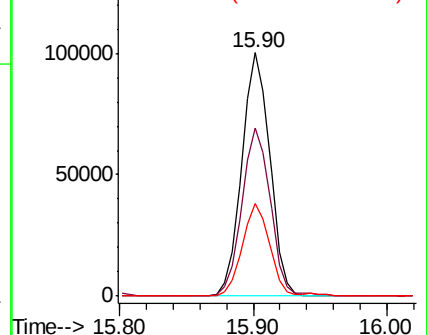
167 38.0 29.1 43.7

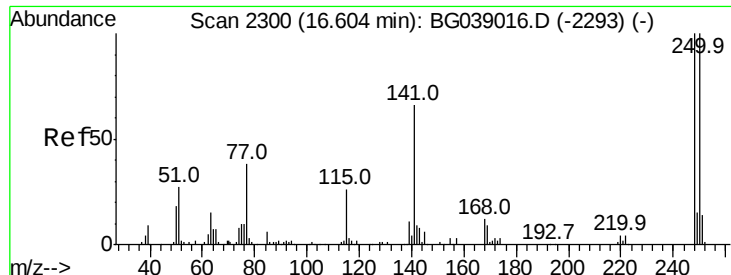


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





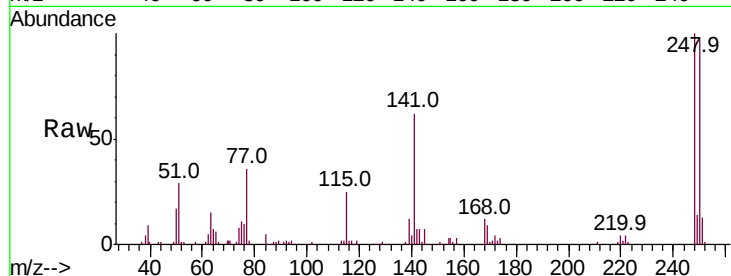
#67
 4-Bromophenyl-phenylether
 Concen: 37.658 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116607BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	79.9	119.9
141	61.9	52.7	79.1

Manual Integrations
 APPROVED

mohammad
 1/29/2019 12:25:44 AM

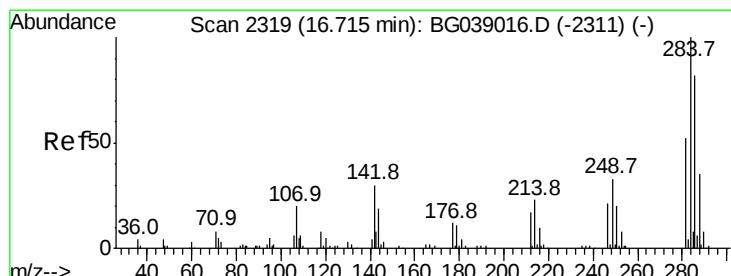
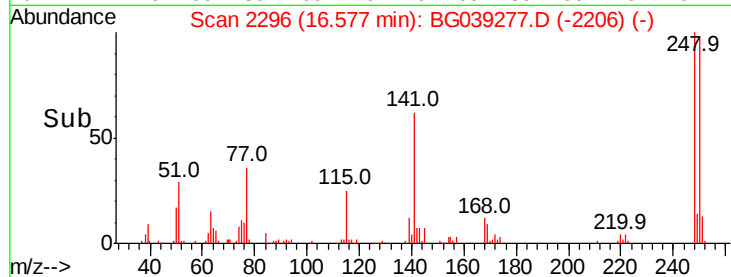
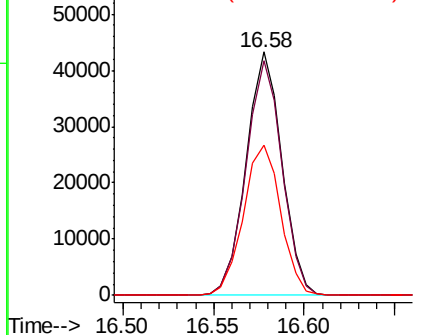


Abundance

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: 37.217 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

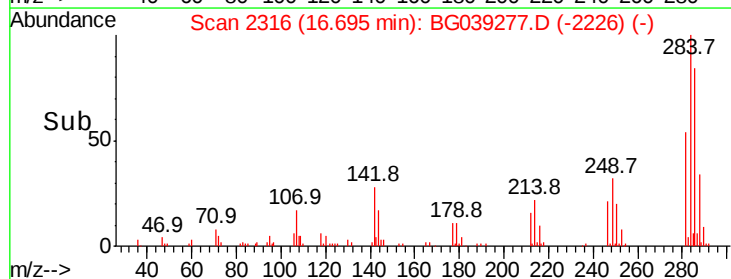
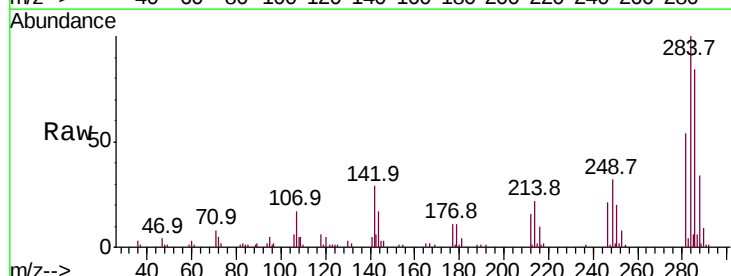
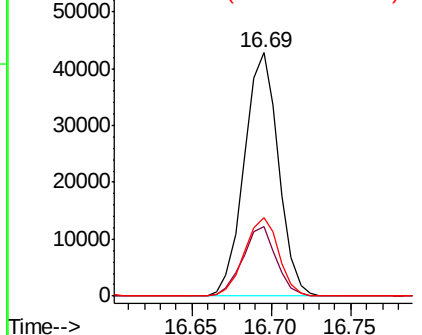
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	24.3	36.5
249	34.4	27.8	41.8

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





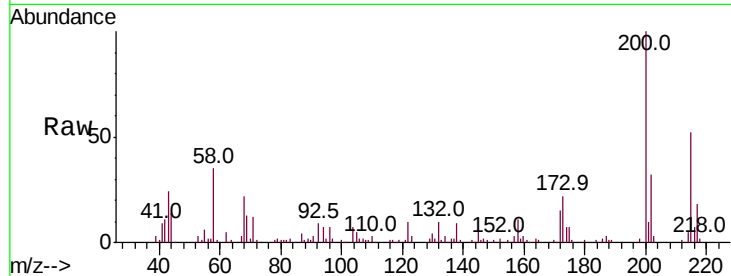
#69
 Atrazine
 Concen: 38.752 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116607BS

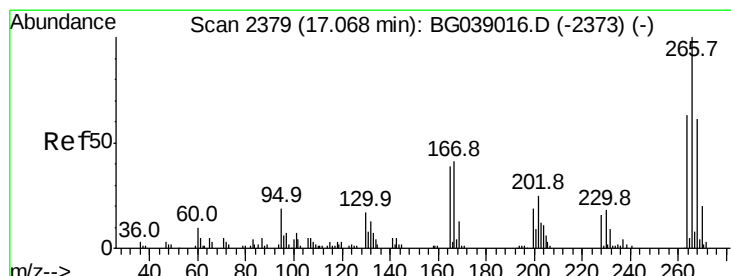
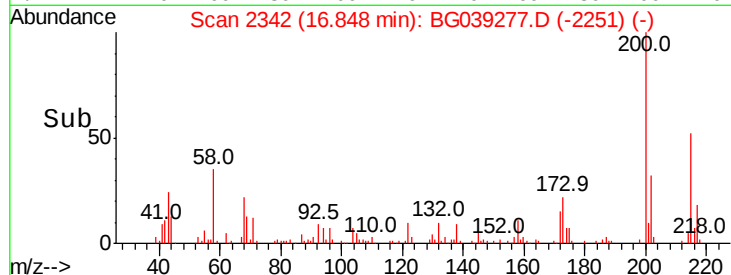
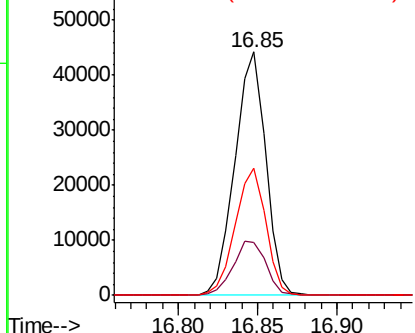
Tot Ion	Ratio	Lower	Upper
200	100		
173	21.9	2.6	42.6
215	52.1	28.0	68.0

Manual Integrations
 APPROVED

mohammad
 1/29/2019 12:25:44 AM

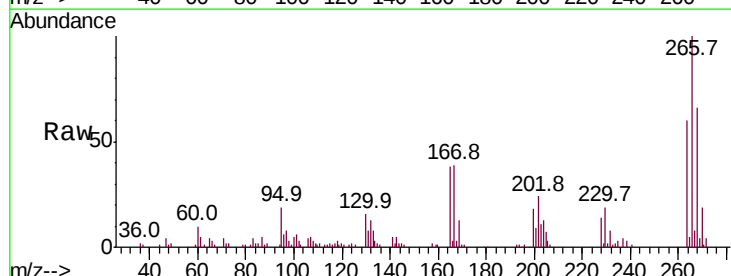


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

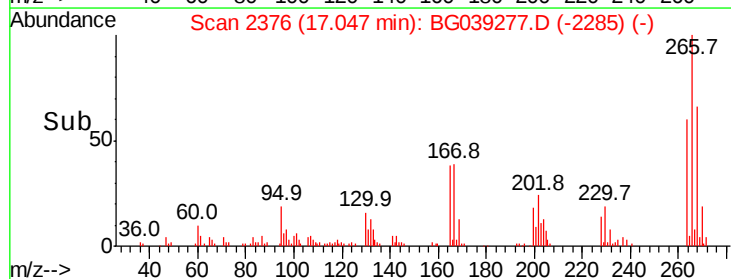
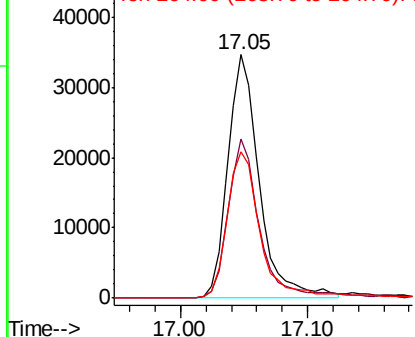


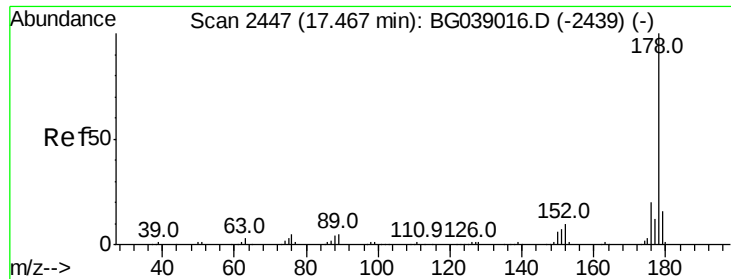
#70
 Pentachlorophenol
 Concen: 57.676 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.5	52.0	78.0
264	65.2	54.6	81.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





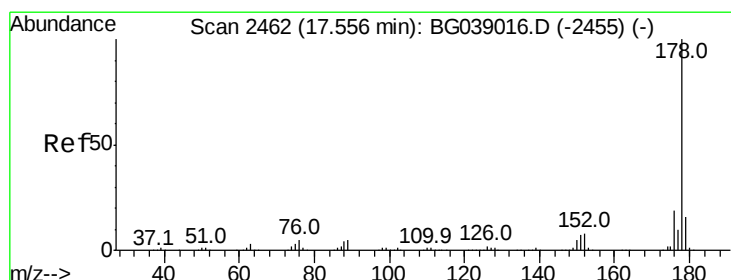
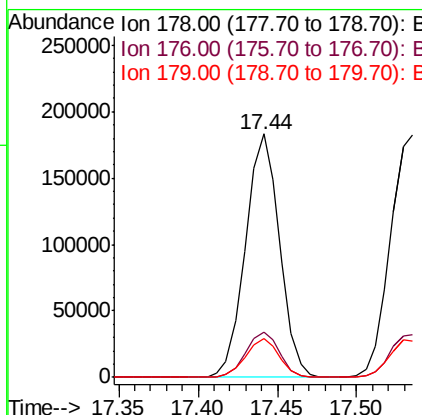
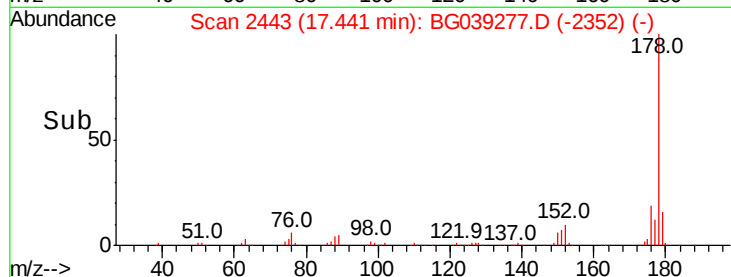
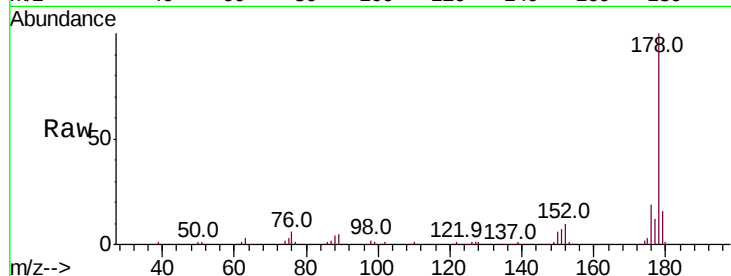
#71
 Phenanthrene
 Concen: 42.166 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Instrument :
 BNA_G
 ClientSampleID :
 PB116607BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.9	12.9	19.3

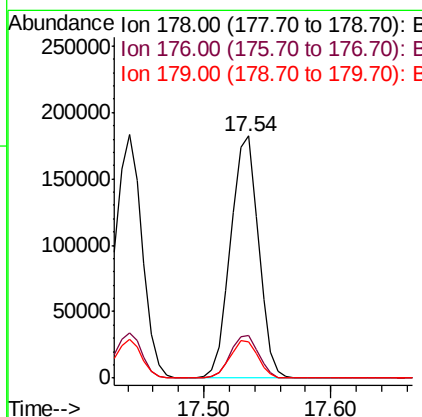
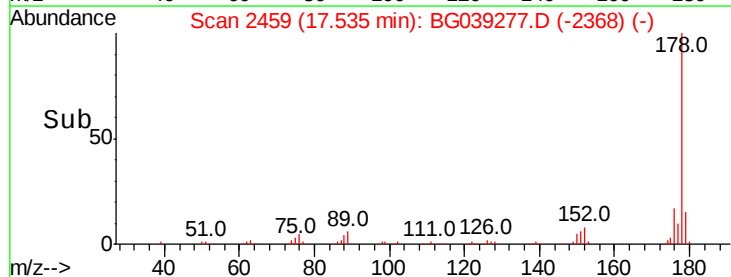
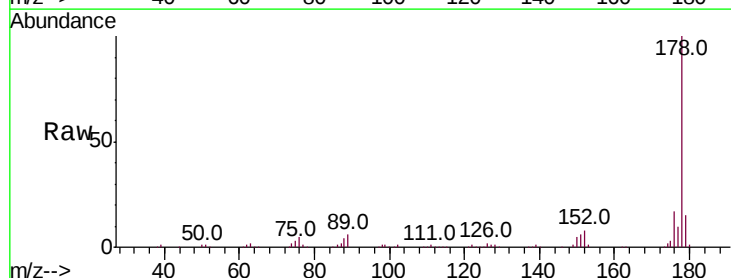
Manual Integrations
 APPROVED

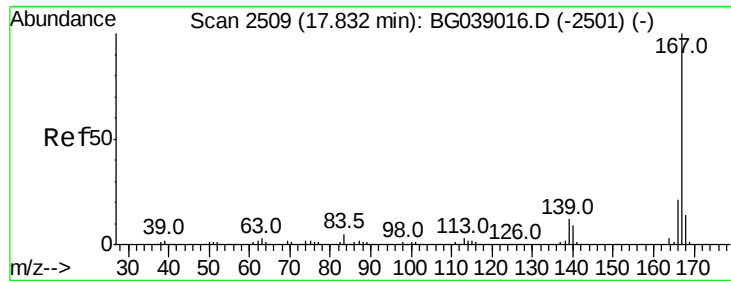
mohammad
 1/29/2019 12:25:44 AM



#72
 Anthracene
 Concen: 43.207 ng
 RT: 17.54 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.9	22.3
179	15.2	13.0	19.4





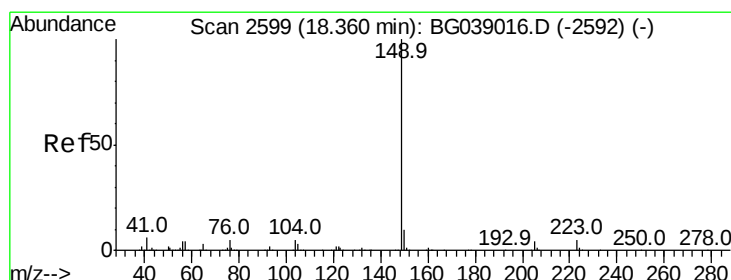
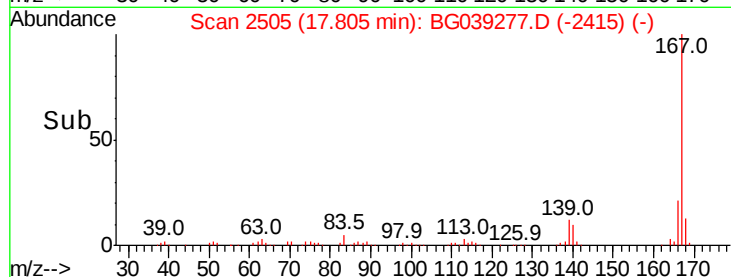
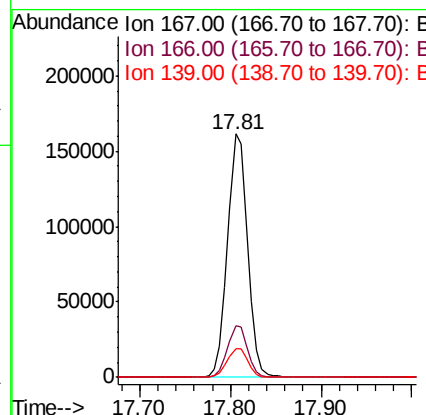
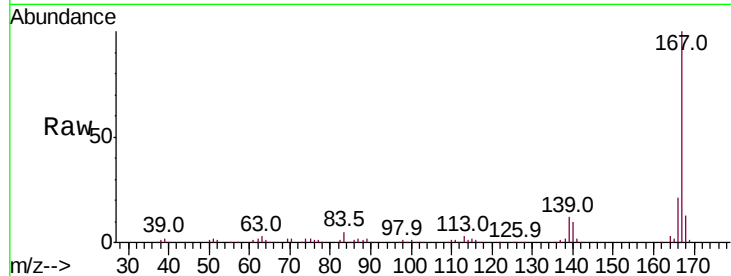
#73
 Carbazole
 Concen: 39.079 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116607BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.9	25.3
139	11.6	10.0	15.0

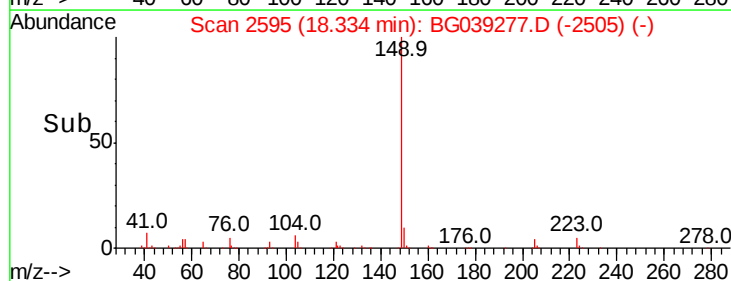
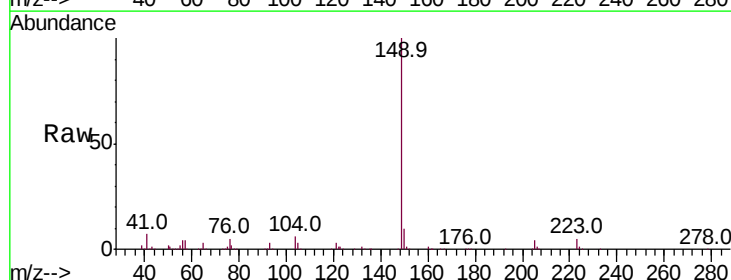
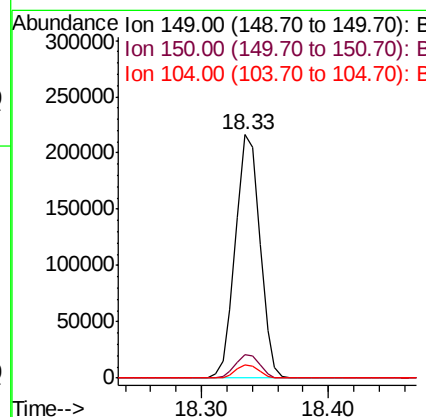
Manual Integrations
 APPROVED

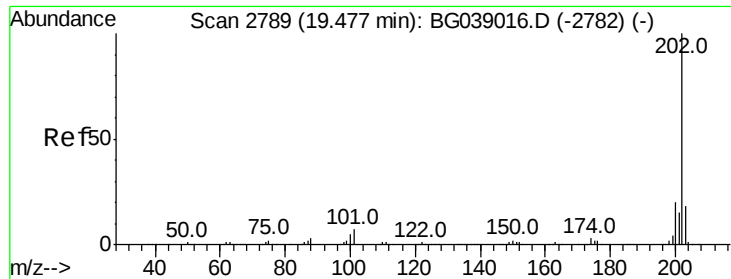
mohammad
 1/29/2019 12:25:44 AM



#74
 Di-n-butylphthalate
 Concen: 40.994 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	5.6	4.2	6.2





#75

Fluoranthene

Concen: 48.758 ng

RT: 19.45 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Instrument :

BNA_G

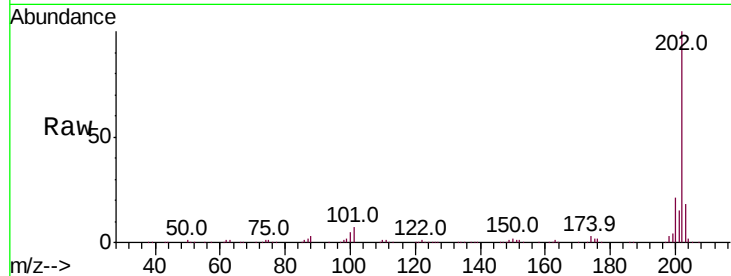
ClientSampleId :

PB116607BS

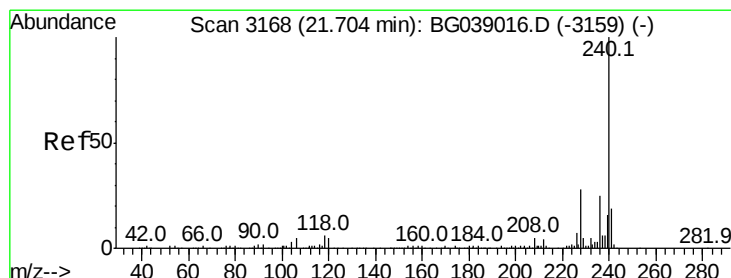
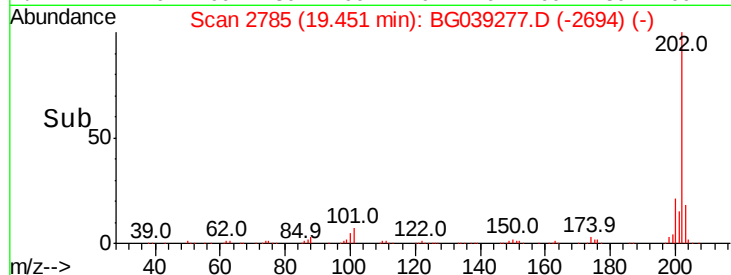
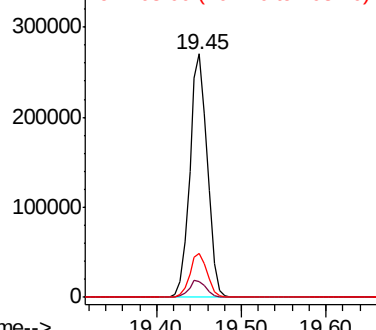
Tot Ion	Ratio	Resp	Lower	Upper
202	100	391941		
101	6.6	0.0	26.9	
203	17.9	0.0	38.1	

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



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



#76

Chrysene-d12

Concen: 20.000 ng

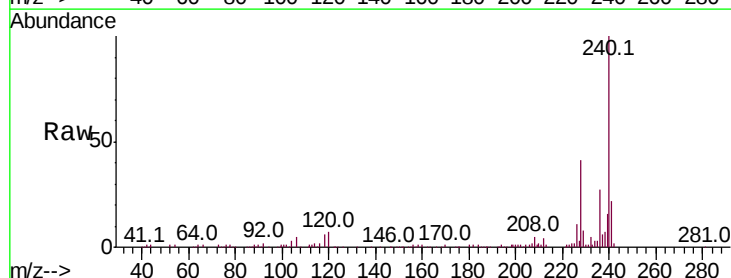
RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

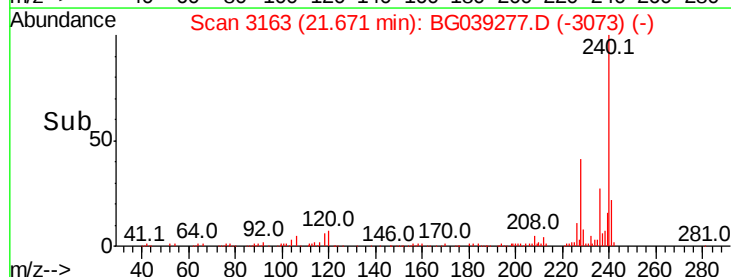
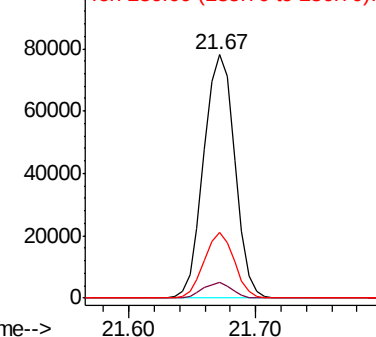
Lab File: BG039277.D

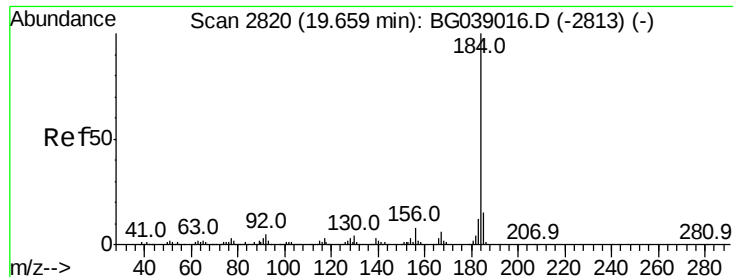
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	132352		
120	6.6	4.3	6.5#	
236	27.0	20.1	30.1	



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





#77

Benzidine

Concen: 36.183 ng

RT: 19.64 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Instrument :

BNA_G

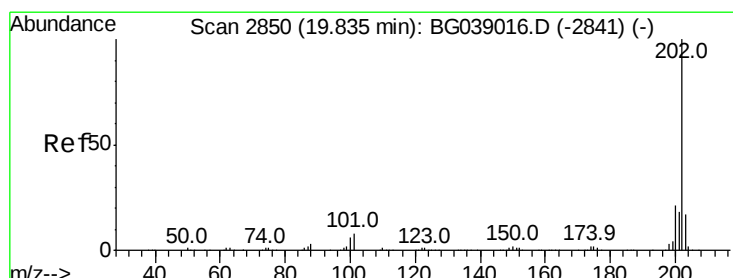
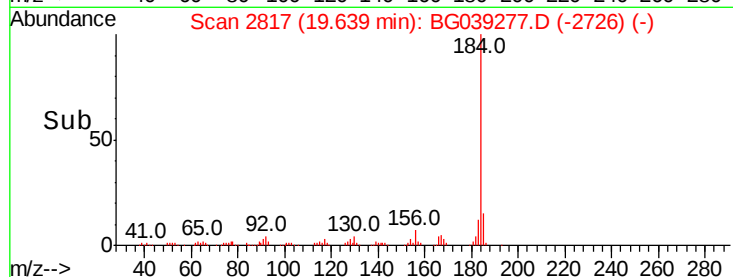
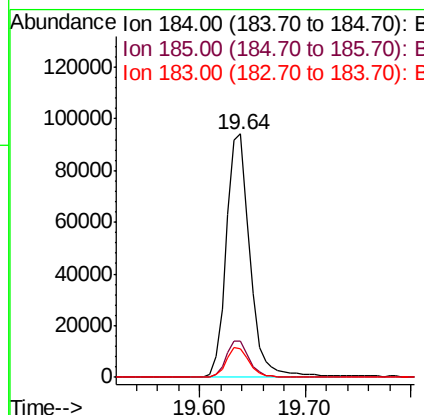
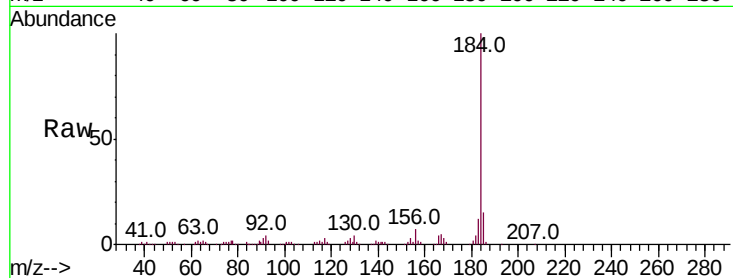
ClientSampleId :

PB116607BS

Tot Ion:	184	Resp:	146475
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.1	18.1
183	11.6	9.5	14.3

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



#78

Pyrene

Concen: 43.856 ng

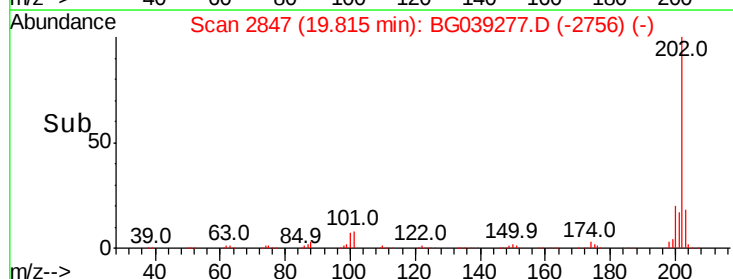
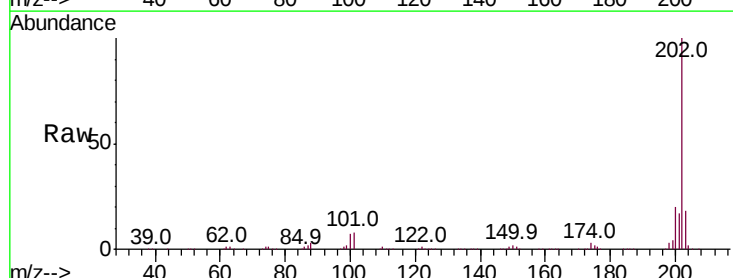
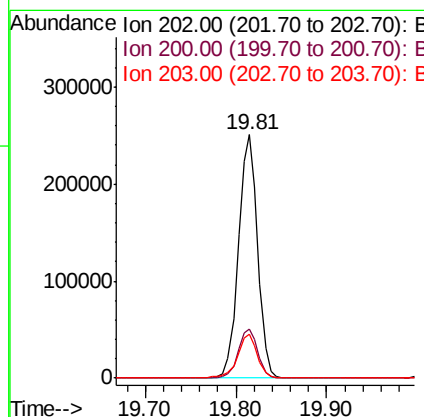
RT: 19.81 min Scan# 2847

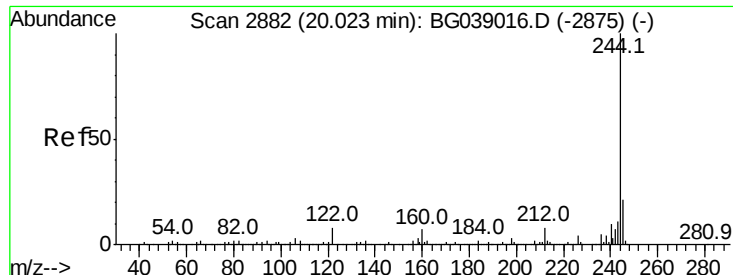
Delta R.T. 0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Tgt Ion:	202	Resp:	369911
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.0	25.6
203	17.9	14.0	21.0





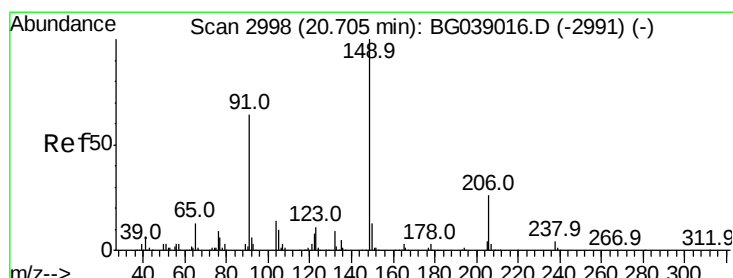
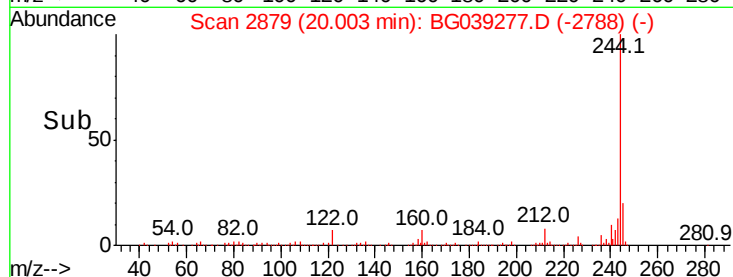
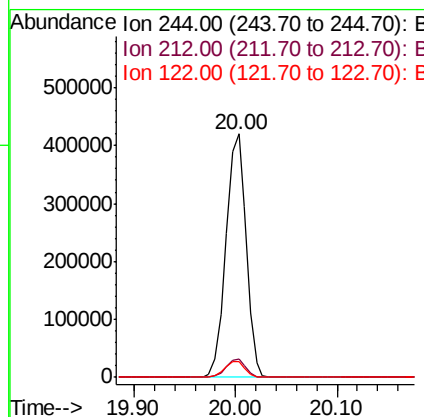
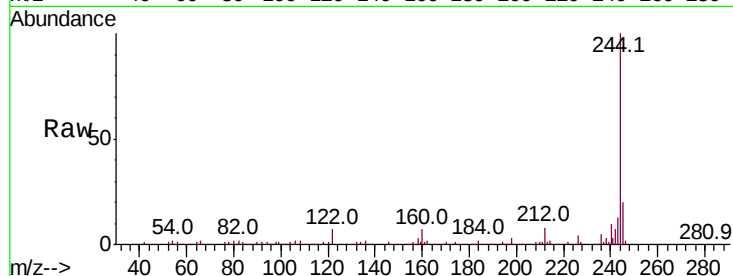
#79
 Terphenyl-d14
 Concen: 80.955 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. 0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Instrument :
 BNA_G
 ClientSampled :
 PB116607BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.5	6.1	9.1	
122	6.6	6.1	9.1	

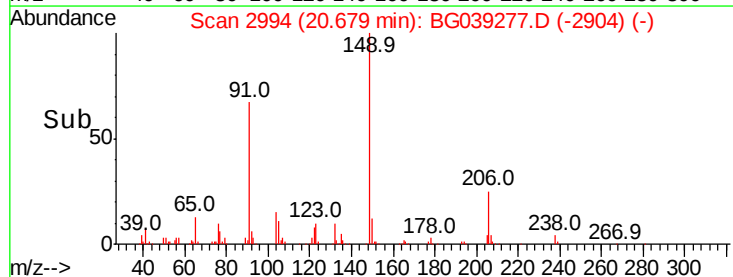
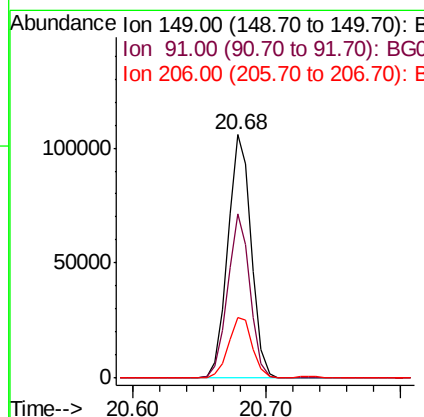
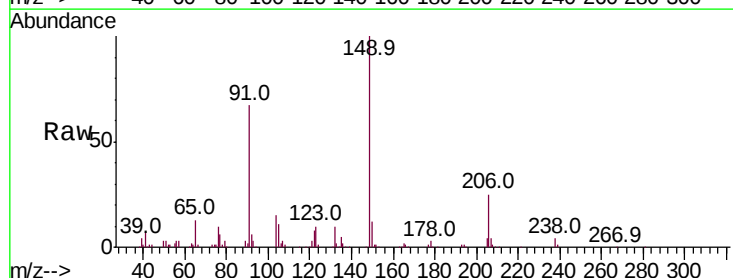
Manual Integrations
 APPROVED

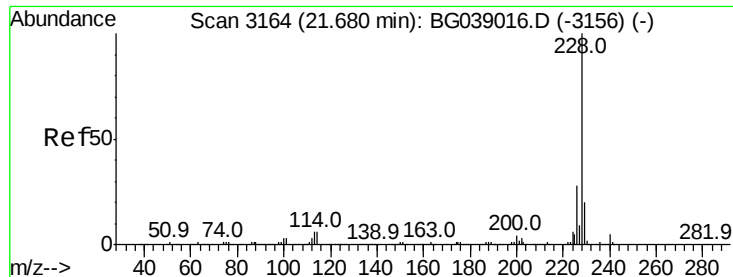
mohammad
 1/29/2019 12:25:44 AM



#80
 Butylbenzylphthalate
 Concen: 40.649 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.00 min
 Lab File: BG039277.D
 Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	67.4	51.4	77.0	
206	25.0	20.4	30.6	





#81

Benzo(a)anthracene

Concen: 43.283 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Instrument :

BNA_G

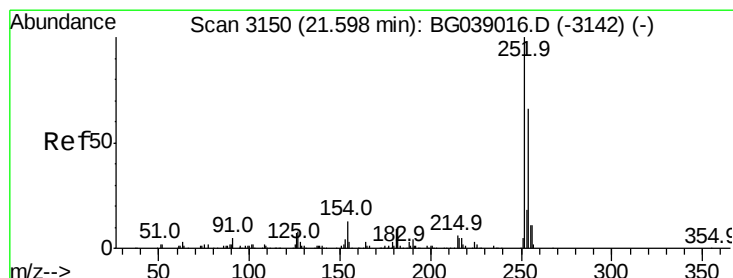
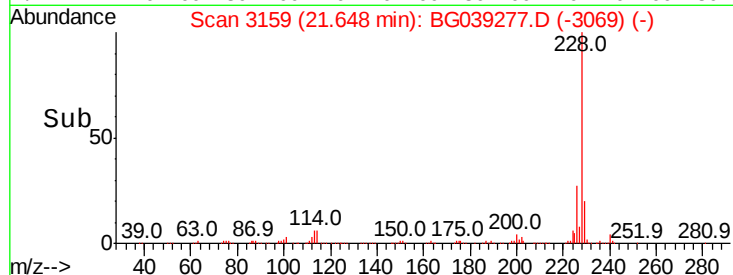
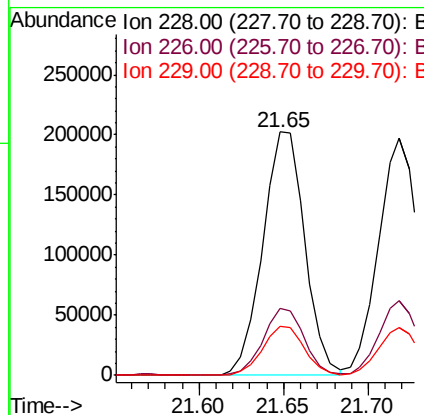
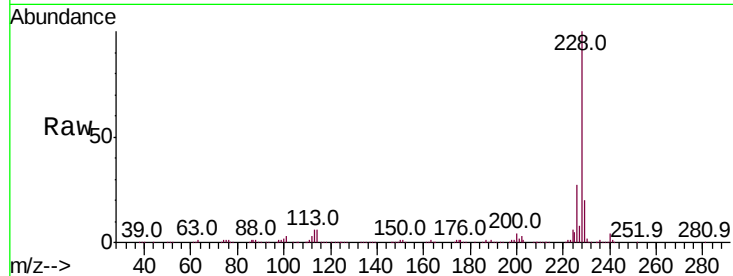
ClientSampled :

PB116607BS

Tot Ion:	228	Resp:	348731
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.4	33.6
229	20.3	16.2	24.2

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



#82

3,3'-Dichlorobenzidine

Concen: 29.112 ng

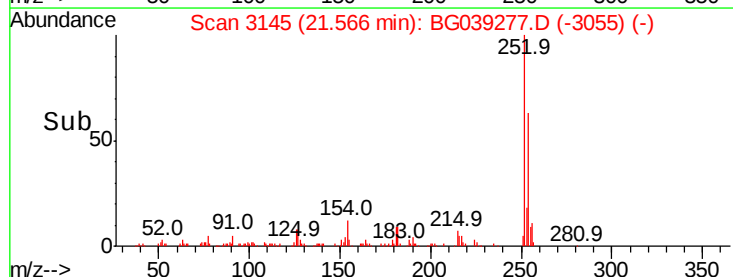
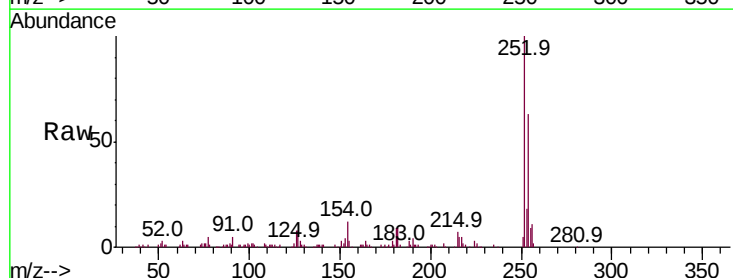
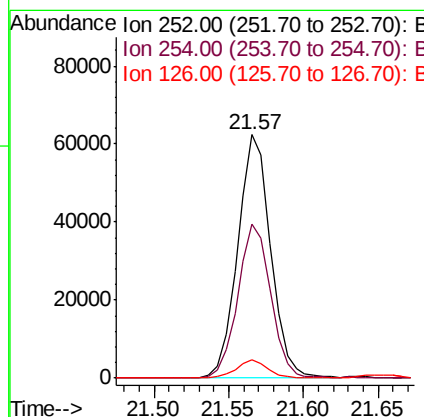
RT: 21.57 min Scan# 3145

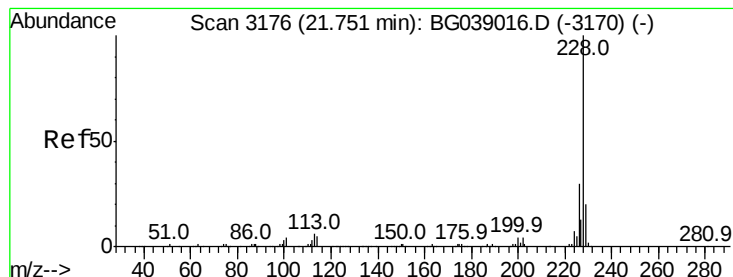
Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Tgt Ion:	252	Resp:	95566
Ion Ratio	Lower	Upper	
252	100		
254	63.2	53.0	79.6
126	7.6	6.0	9.0





#83

Chrvsene

Concen: 42.328 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Instrument :

BNA_G

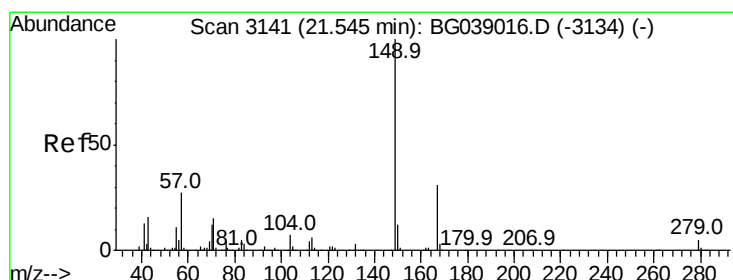
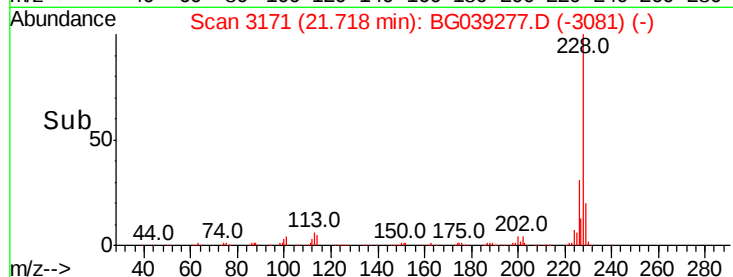
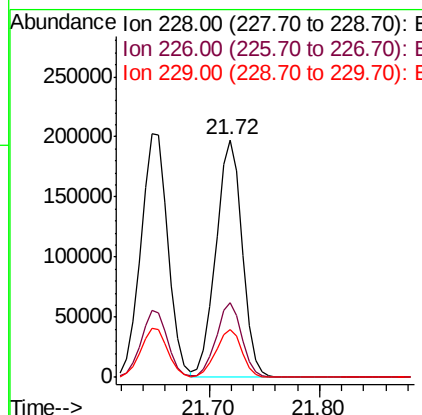
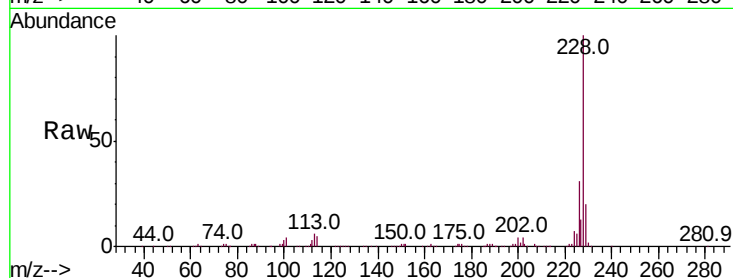
ClientSampleId :

PB116607BS

Tot Ion:	228	Resp:	324352
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.1	36.1
229	20.2	16.0	24.0

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.272 ng

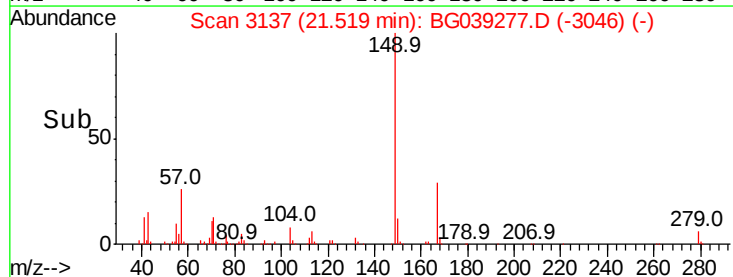
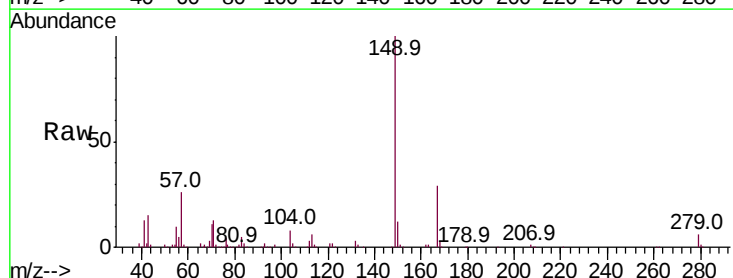
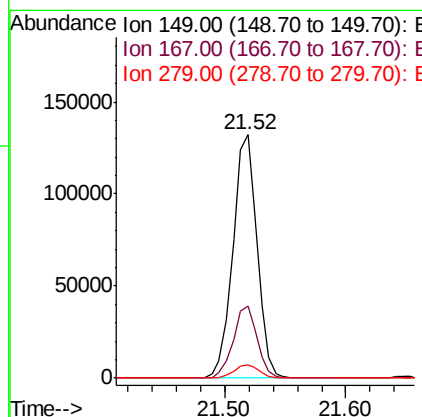
RT: 21.52 min Scan# 3137

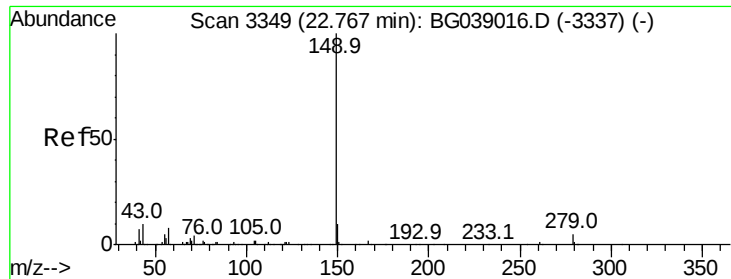
Delta R.T. 0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Tgt Ion:	149	Resp:	183840
Ion Ratio	Lower	Upper	
149	100		
167	29.4	25.0	37.4
279	5.6	4.3	6.5





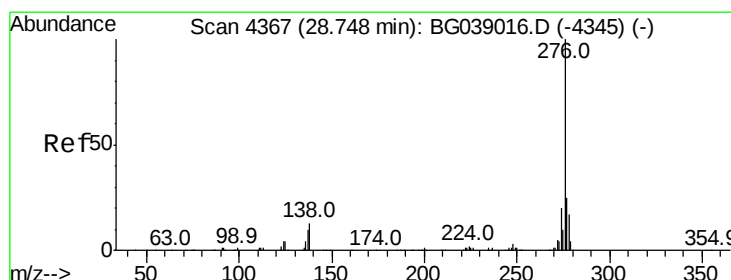
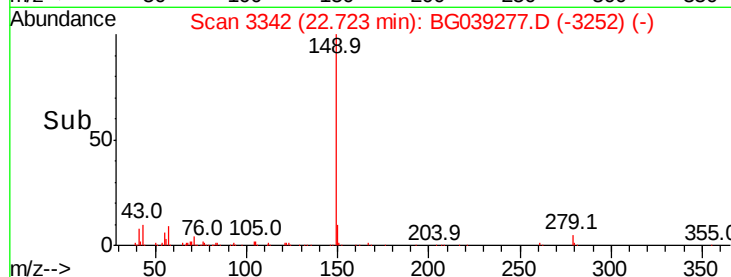
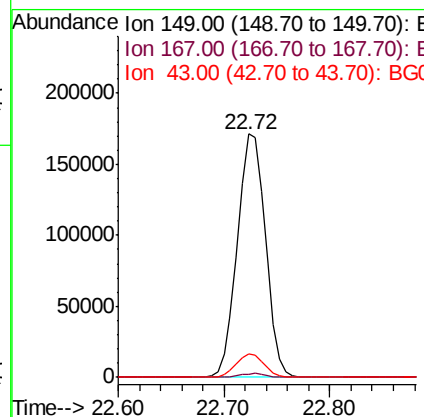
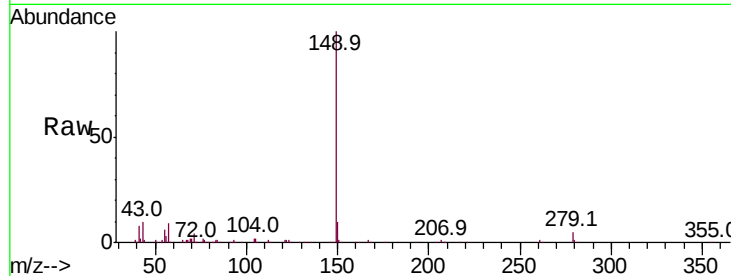
#85
Di-n-octyl phthalate
Concen: 41.804 ng
RT: 22.72 min Scan# 3342
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	314868		
167	1.6		1.3	1.9
43	9.7		7.5	11.3

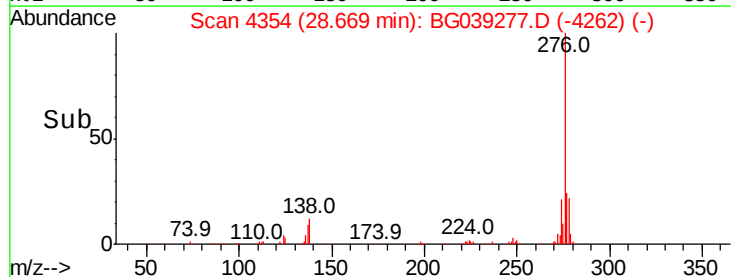
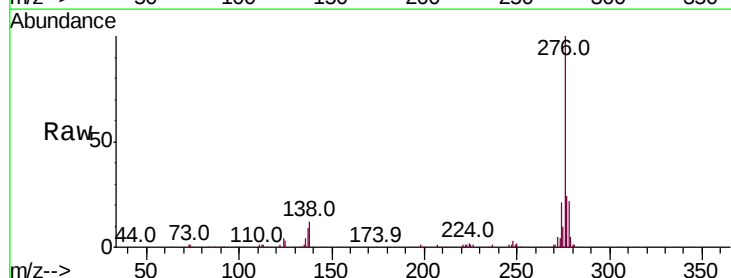
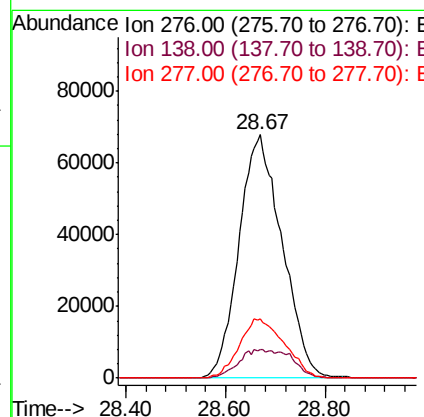
Manual Integrations
APPROVED

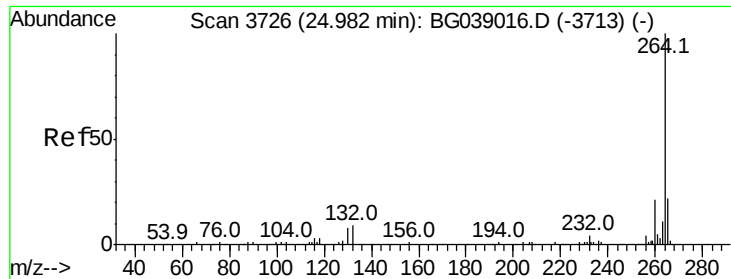
mohammad
1/29/2019 12:25:44 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.460 ng
RT: 28.67 min Scan# 4354
Delta R.T. 0.01 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	407094		
138	9.3		8.0	12.0
277	25.4		20.3	30.5





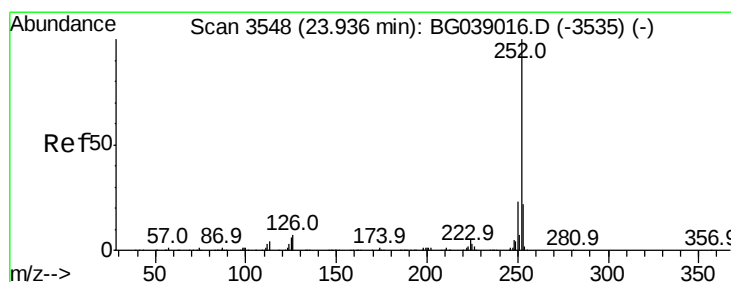
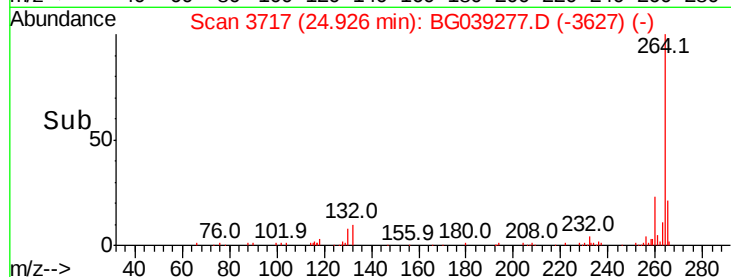
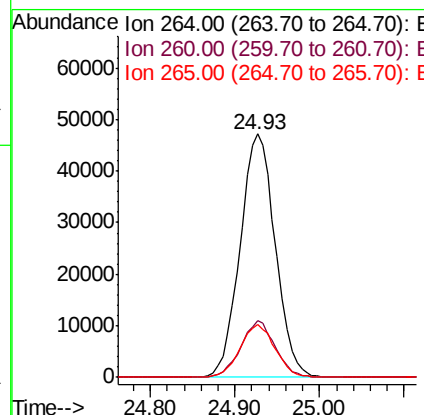
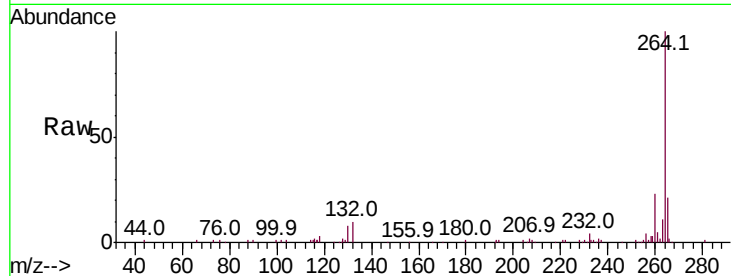
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.0	25.6
265	21.5	17.2	25.8

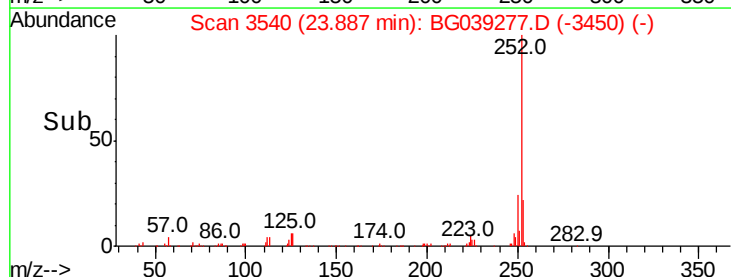
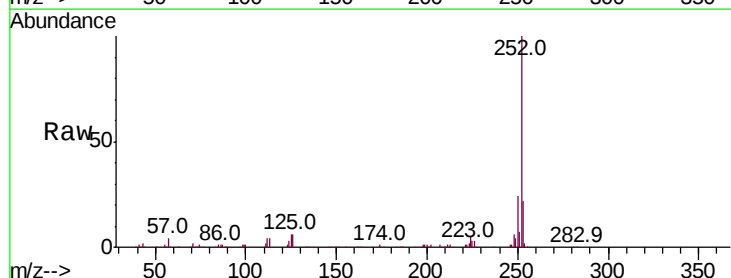
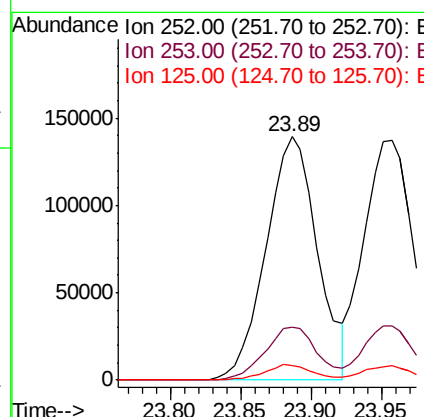
Manual Integrations
APPROVED

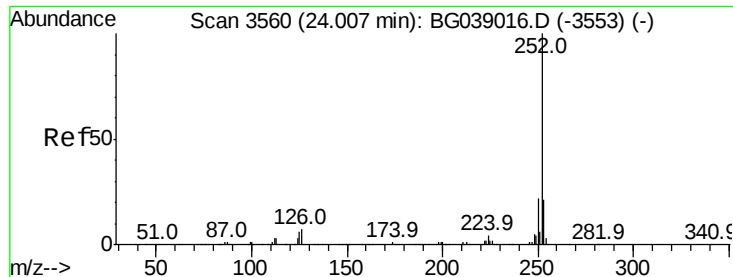
mohammad
1/29/2019 12:25:44 AM



#88
Benzo(b)fluoranthene
Concen: 47.488 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	6.0	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 45.210 ng

RT: 23.96 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Instrument :

BNA_G

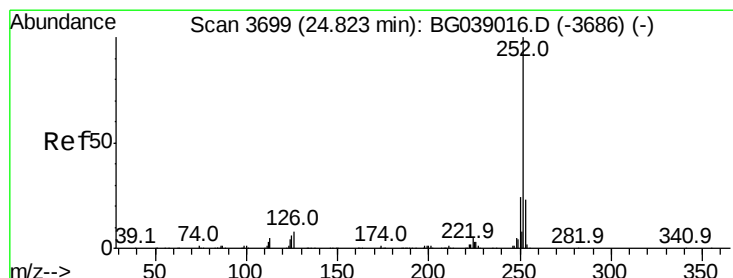
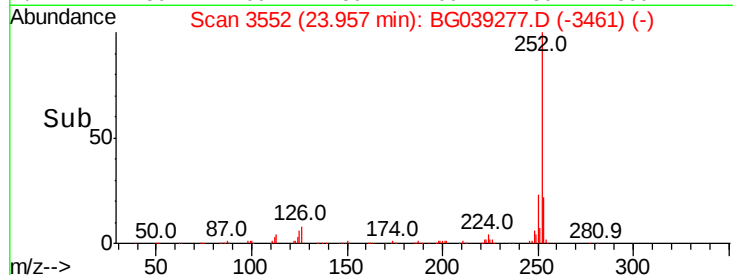
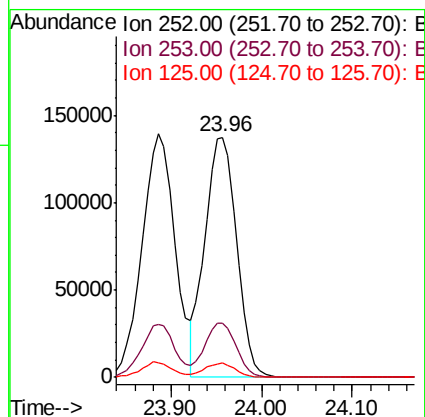
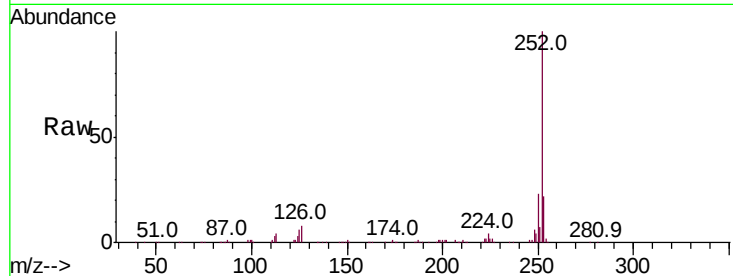
ClientSampleId :

PB116607BS

Tot Ion:	252	Resp:	334690
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.1	25.7
125	6.0	4.6	7.0

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



#90

Benzo(a)pyrene

Concen: 47.236 ng

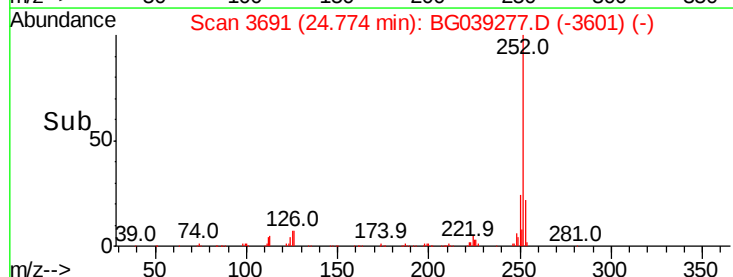
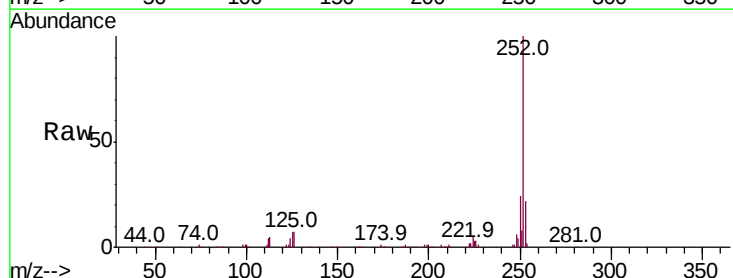
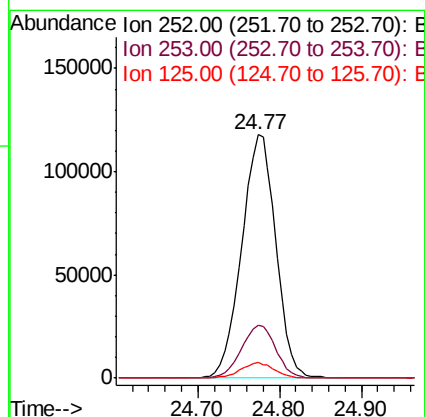
RT: 24.77 min Scan# 3691

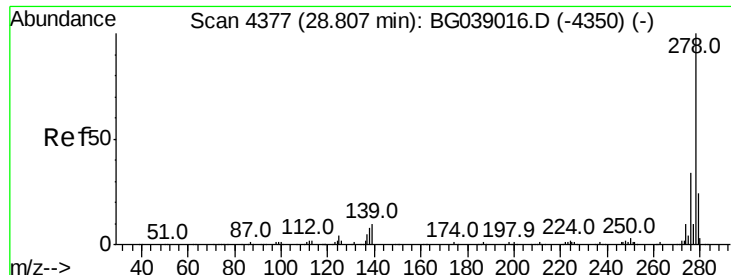
Delta R.T. -0.00 min

Lab File: BG039277.D

Acq: 25 Jan 2019 14:04

Tgt Ion:	252	Resp:	341858
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.3	27.5
125	6.6	4.9	7.3





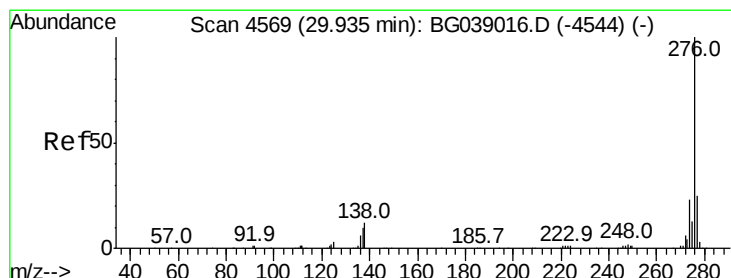
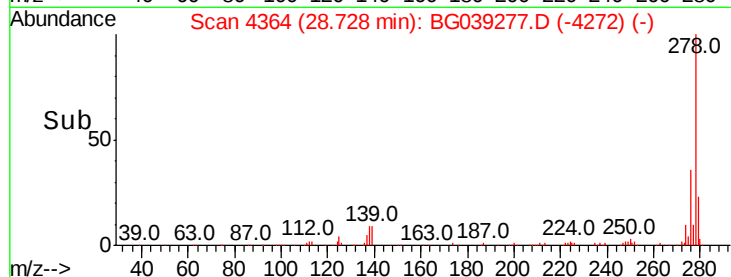
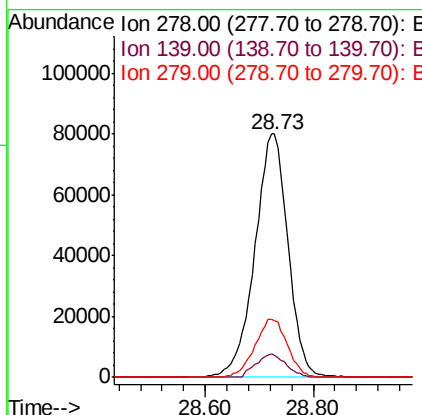
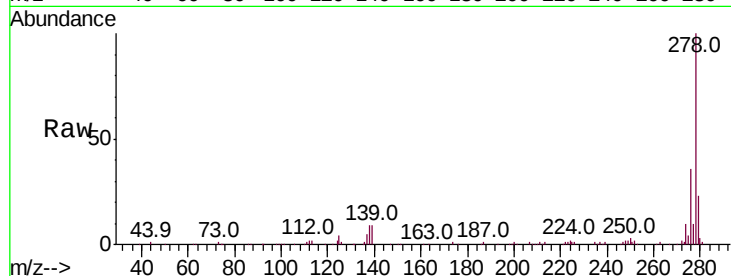
#91
Dibenzo(a,h)anthracene
Concen: 47.011 ng
RT: 28.73 min Scan# 4364
Delta R.T. 0.01 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Instrument :
BNA_G
ClientSampled :
PB116607BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.9	11.9
279	23.2	19.3	28.9

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:44 AM



#92
Benzo(g,h,i)perylene
Concen: 47.358 ng
RT: 29.84 min Scan# 4554
Delta R.T. 0.00 min
Lab File: BG039277.D
Acq: 25 Jan 2019 14:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.3	30.5
138	12.6	9.4	14.2

