

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039335.D
 Acq On : 30 Jan 2019 19:51
 Operator : JU/SJ
 Sample : PB116724BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Manual Integrations
 APPROVED

mohammad
 2/1/2019 12:05:41 AM

Quant Time: Jan 31 06:05:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	43736	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	190658	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	131446	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	320014	20.00	ng	0.00
76) Chrysene-d12	21.84	240	330271	20.00	ng	0.00
87) Perylene-d12	25.23	264	343477	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	392542	153.61	ng	0.00
7) Phenol-d6	7.32	99	558172	148.39	ng	0.00
23) Nitrobenzene-d5	9.36	82	275871	90.39	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	203968	144.10	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	692590	75.59	ng	0.00
79) Terphenyl-d14	20.14	244	1230002	78.83	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.60	88	37742	33.765 ng	96
3) Pyridine	4.01	79	108130	36.537 ng	98
4) n-Nitrosodimethylamine	3.93	42	62321	42.107 ng	96
6) Aniline	7.51	93	137007	29.079 ng	99
8) 2-Chlorophenol	7.74	128	123942	44.371 ng	95
9) Benzaldehyde	7.32	77	31924	13.477 ng	94
10) Phenol	7.35	94	172301	43.942 ng	97
11) bis(2-Chloroethyl)ether	7.59	93	117964	38.073 ng	98
12) 1,3-Dichlorobenzene	8.06	146	127308	37.622 ng	96
13) 1,4-Dichlorobenzene	8.22	146	129815	38.489 ng	99
14) 1,2-Dichlorobenzene	8.53	146	126292	38.680 ng	98
15) Benzyl Alcohol	8.42	79	122381	41.442 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	256089	36.601 ng	99
17) 2-Methylphenol	8.61	107	110119	43.398 ng	99
18) Hexachloroethane	9.27	117	45809	39.478 ng	97
19) n-Nitroso-di-n-propylamine	8.99	70	97715	36.601 ng	98
20) 3+4-Methylphenols	8.93	107	150371	43.035 ng	97
22) Acetophenone	9.01	105	186096	36.337 ng	98
24) Nitrobenzene	9.40	77	142827	43.319 ng	98
25) Isophorone	9.92	82	280054	41.410 ng	99
26) 2-Nitrophenol	10.11	139	60837	47.394 ng	93
27) 2,4-Dimethylphenol	10.15	122	132956	48.598 ng	97
28) bis(2-Chloroethoxy)methane	10.40	93	167748	40.269 ng	96
29) 2,4-Dichlorophenol	10.64	162	135346	45.266 ng	94
30) 1,2,4-Trichlorobenzene	10.86	180	129191	38.485 ng	97
31) Naphthalene	11.05	128	392090	41.454 ng	99
32) Benzoic acid	10.27	122	85757	47.894 ng	91
33) 4-Chloroaniline	11.17	127	81225	18.521 ng	97
34) Hexachlorobutadiene	11.32	225	83339	37.330 ng	95
35) Caprolactam	11.94	113	46523m	37.600 ng	
36) 4-Chloro-3-methylphenol	12.26	107	149603	43.263 ng	97
37) 2-Methylnaphthalene	12.65	142	297534	42.472 ng	98
38) 1-Methylnaphthalene	12.86	142	284077	42.067 ng	97
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	155273	37.127 ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039335.D
 Acq On : 30 Jan 2019 19:51
 Operator : JU/SJ
 Sample : PB116724BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

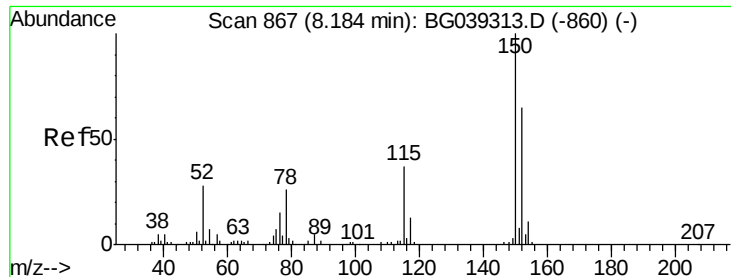
Manual Integrations
 APPROVED

mohammad
 2/1/2019 12:05:41 AM

Quant Time: Jan 31 06:05:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	210411	92.328	nq	97
43) 2,4,6-Trichlorophenol	13.24	196	107809	41.925	nq	97
44) 2,4,5-Trichlorophenol	13.31	196	116704	43.302	nq	97
46) 1,1'-Biphenyl	13.64	154	393110	35.944	nq	98
47) 2-Chloronaphthalene	13.69	162	297502	36.160	nq	98
48) 2-Nitroaniline	13.89	65	99256	43.034	nq	97
49) Acenaphthylene	14.53	152	492684	39.686	nq	99
50) Dimethylphthalate	14.26	163	404481	38.101	nq	98
51) 2,6-Dinitrotoluene	14.38	165	82547	42.478	nq	96
52) Acenaphthene	14.87	154	298187	37.003	nq	99
53) 3-Nitroaniline	14.71	138	53238	27.659	nq	# 97
54) 2,4-Dinitrophenol	14.91	184	76341	84.599	nq	96
55) Dibenzofuran	15.20	168	489447	37.882	nq	99
56) 4-Nitrophenol	15.00	139	158994	82.627	nq	94
57) 2,4-Dinitrotoluene	15.16	165	116899	46.323	nq	94
58) Fluorene	15.85	166	394285	40.936	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.42	232	115678	45.841	nq	99
60) Diethylphthalate	15.61	149	414332	37.748	nq	98
61) 4-Chlorophenyl-phenylether	15.84	204	196837	36.092	nq	97
62) 4-Nitroaniline	15.88	138	93637	42.582	nq	92
63) Azobenzene	16.13	77	386644	36.040	nq	99
65) 4,6-Dinitro-2-methylphenol	15.92	198	61057	48.305	nq	98
66) n-Nitrosodiphenylamine	16.05	169	357503	36.740	nq	99
67) 4-Bromophenyl-phenylether	16.73	248	131164	36.946	nq	99
68) Hexachlorobenzene	16.84	284	134801	37.845	nq	96
69) Atrazine	16.99	200	145408	40.892	nq	97
70) Pentachlorophenol	17.19	266	186541	75.352	nq	97
71) Phenanthrene	17.59	178	664968	40.148	nq	100
72) Anthracene	17.69	178	676376	41.458	nq	99
73) Carbazole	17.95	167	606070	37.224	nq	100
74) Di-n-butylphthalate	18.49	149	739258	38.919	nq	99
75) Fluoranthene	19.59	202	820325	42.671	nq	99
77) Benzidine	19.77	184	280089	25.867	nq	99
78) Pyrene	19.95	202	818289	39.800	nq	99
80) Butylbenzylphthalate	20.83	149	342702	39.513	nq	98
81) Benzo(a)anthracene	21.82	228	803471	41.171	nq	99
82) 3,3'-Dichlorobenzidine	21.73	252	163116	22.542	nq	97
83) Chrysene	21.89	228	752247	40.492	nq	99
84) Bis(2-ethylhexyl)phthalate	21.70	149	489653	39.573	nq	98
85) Di-n-octyl phthalate	22.98	149	827908	40.500	nq	99
86) Indeno(1,2,3-cd)pyrene	29.14	276	900779	45.192	nq	97
88) Benzo(b)fluoranthene	24.15	252	782853	41.793	nq	99
89) Benzo(k)fluoranthene	24.22	252	760965	40.463	nq	100
90) Benzo(a)pyrene	25.07	252	769876	42.676	nq	98
91) Dibenzo(a,h)anthracene	29.22	278	724625	42.891	nq	98
92) Benzo(g,h,i)perylene	30.37	276	741899	44.058	nq	98

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



#1

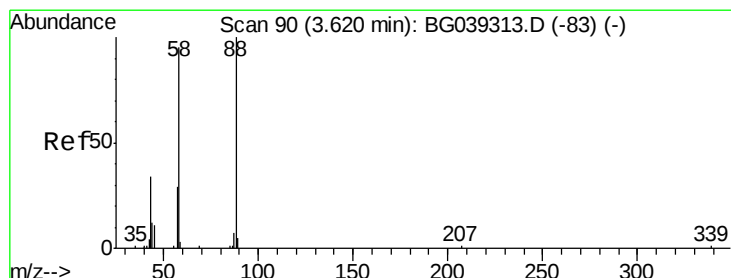
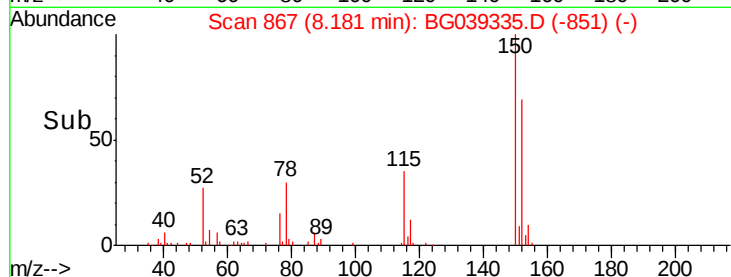
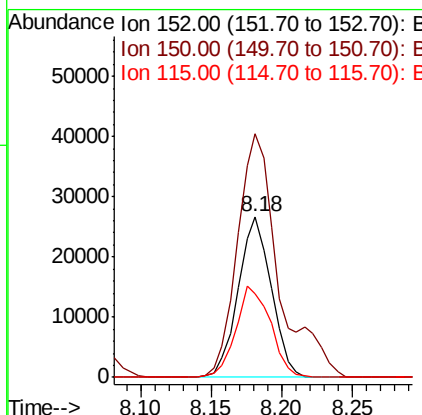
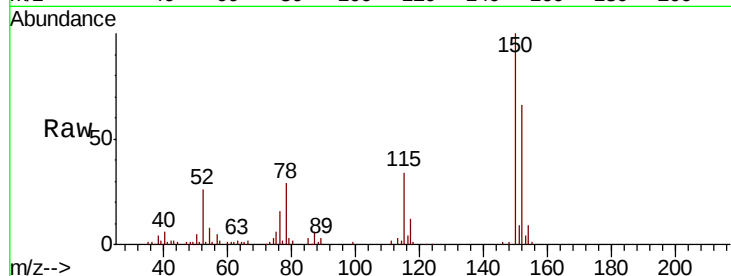
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.7	185.5
115	51.6	45.9	68.9

Manual Integrations
APPROVED

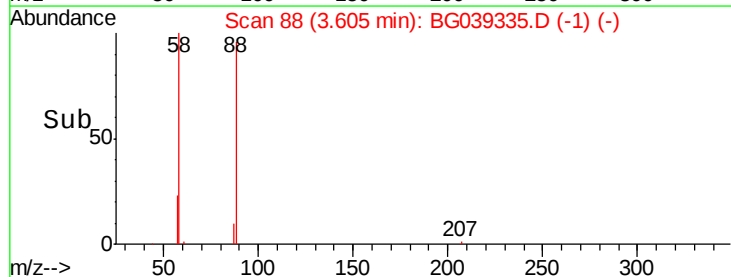
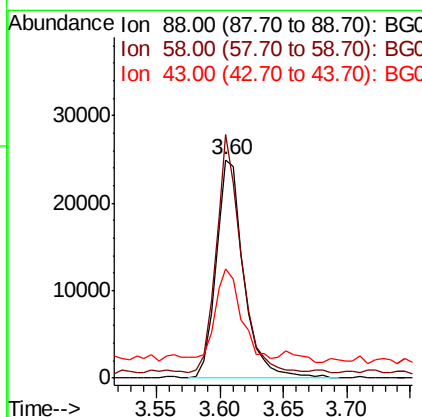
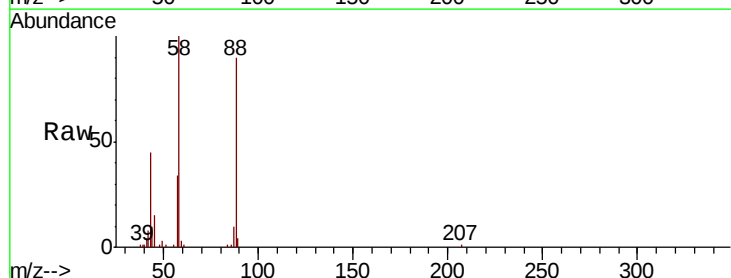
mohammad
2/1/2019 12:05:41 AM

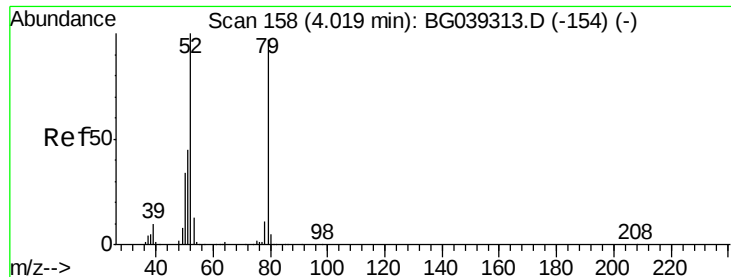


#2

1,4-Dioxane
Concen: 33.765 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.3	81.1	121.7
43	37.5	31.4	47.0





#3

Pvridine

Concen: 36.537 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

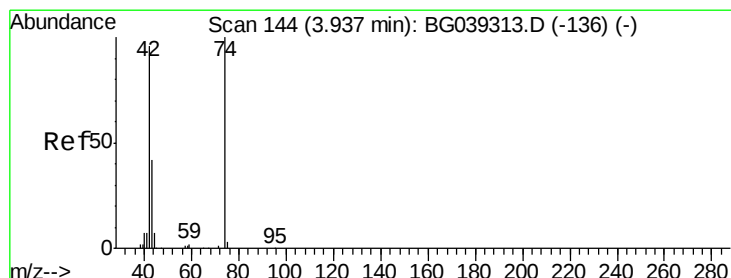
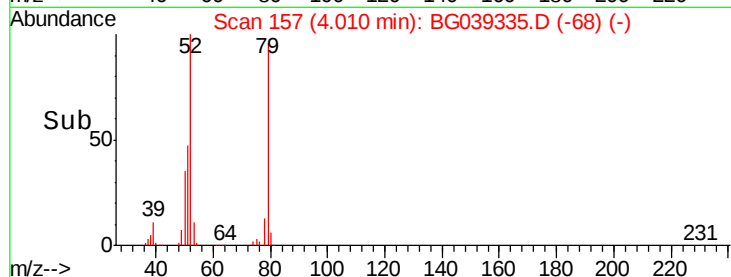
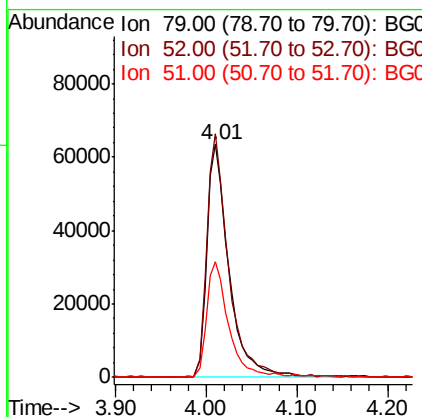
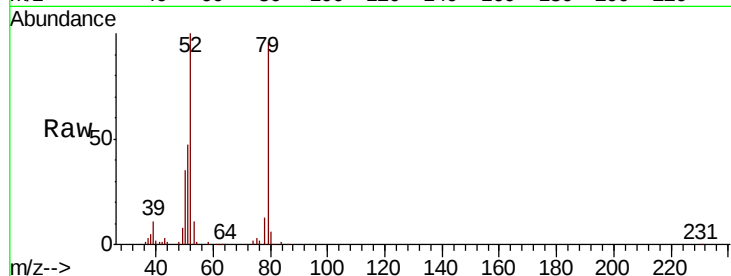
ClientSampleId :

PB116724BS

Tot Ion:	79	Resp:	108130
Ion	Ratio	Lower	Upper
79	100		
52	104.4	82.6	124.0
51	49.6	37.5	56.3

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#4

n-Nitrosodimethylamine

Concen: 42.107 ng

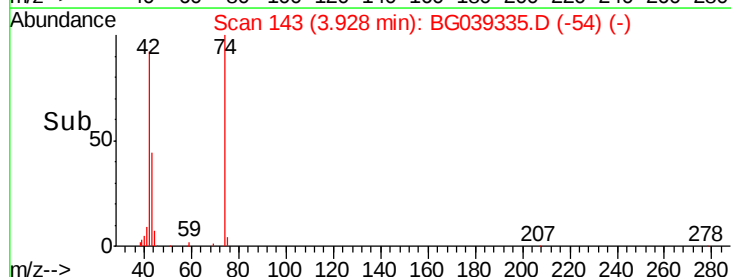
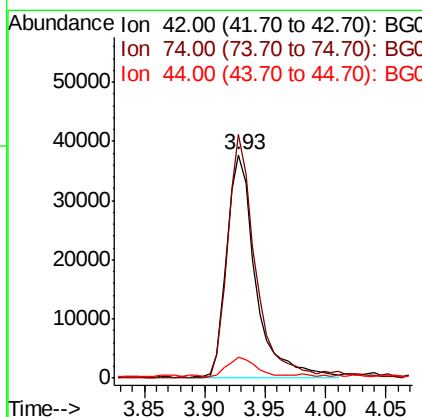
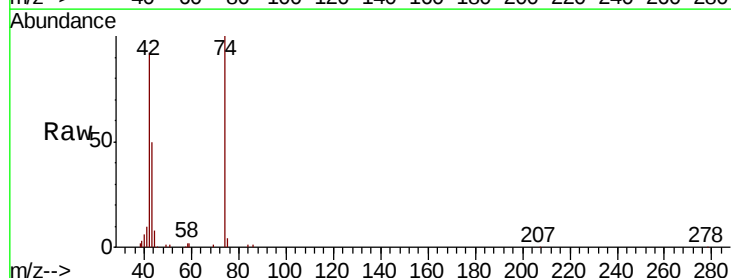
RT: 3.93 min Scan# 143

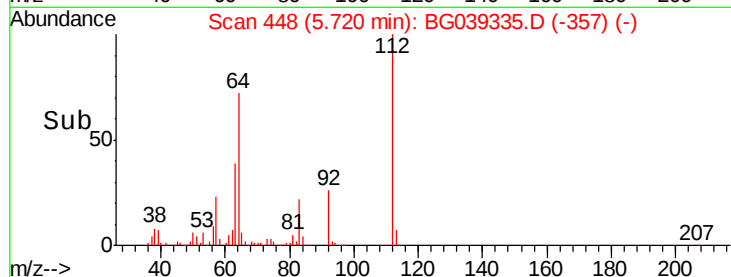
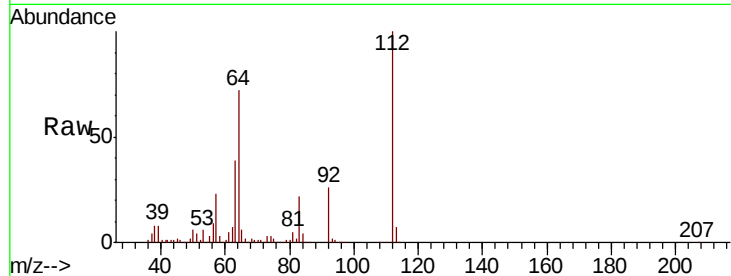
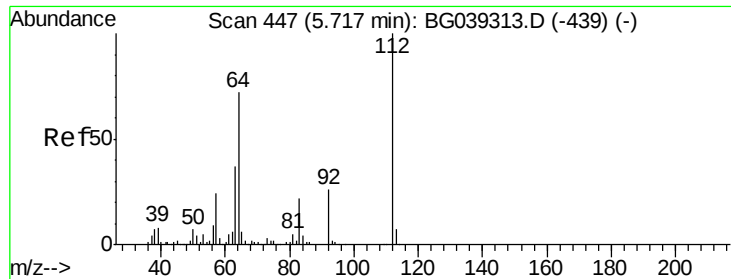
Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion:	42	Resp:	62321
Ion	Ratio	Lower	Upper
42	100		
74	108.9	83.6	125.4
44	9.2	6.9	10.3





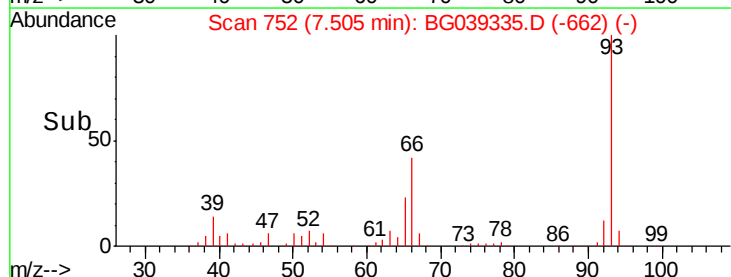
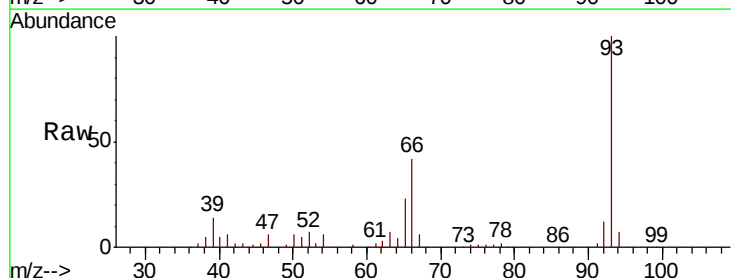
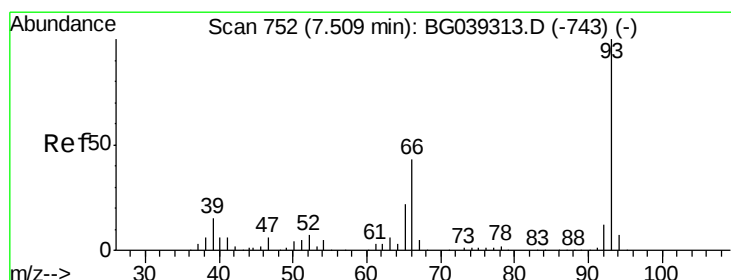
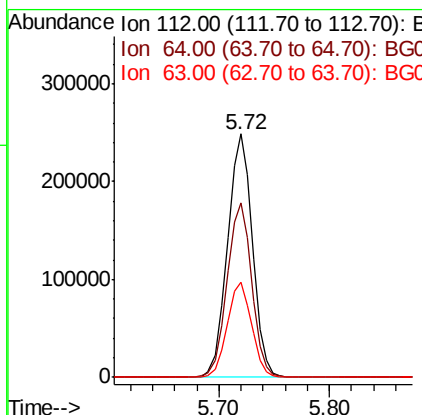
#5
2-Fluorophenol
Concen: 153.612 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tot Ion	Ratio	Resp	Lower	Upper
112	100	392542		
64	71.7		57.8	86.8
63	39.2		29.8	44.6

Instrument :
BNA_G
ClientSampleId :
PB116724BS

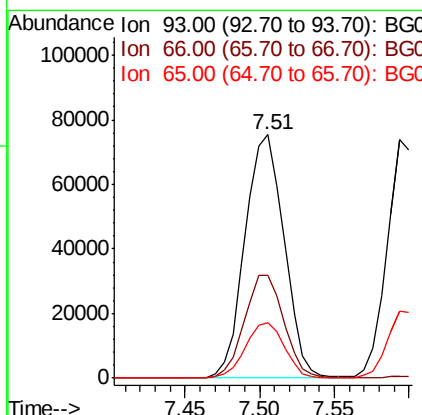
Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#6
Aniline
Concen: 29.079 ng
RT: 7.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	137007		
66	42.1		34.2	51.4
65	22.9		17.7	26.5





#7

Phenol-d6

Concen: 148.391 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

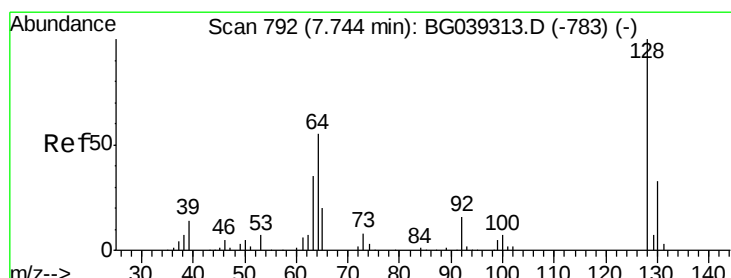
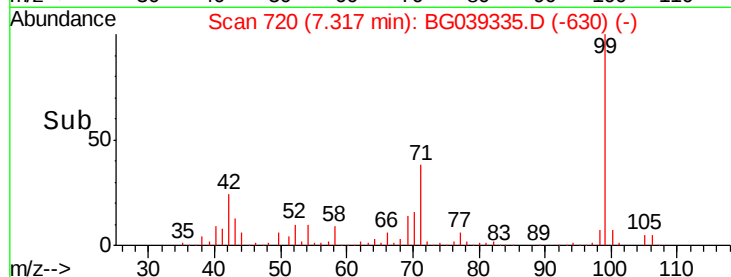
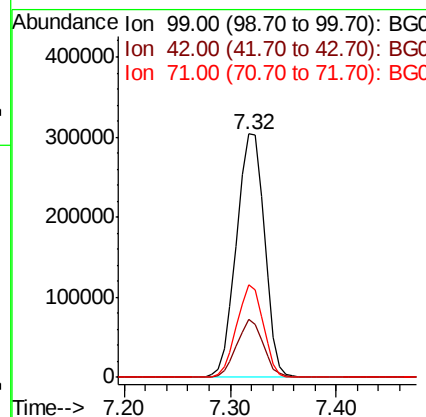
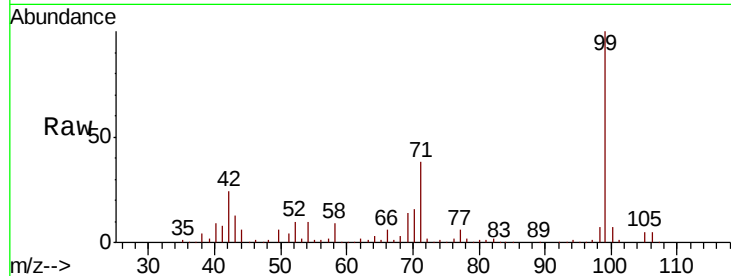
ClientSampleId :

PB116724BS

Tot Ion:	99	Resp:	558172
Ion Ratio	Lower	Upper	
99	100		
42	23.8	18.2	27.2
71	37.9	28.0	42.0

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#8

2-Chlorophenol

Concen: 44.371 ng

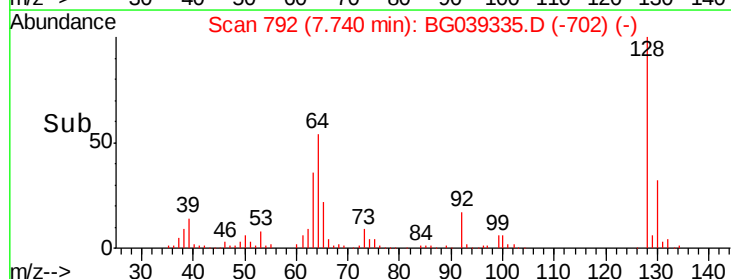
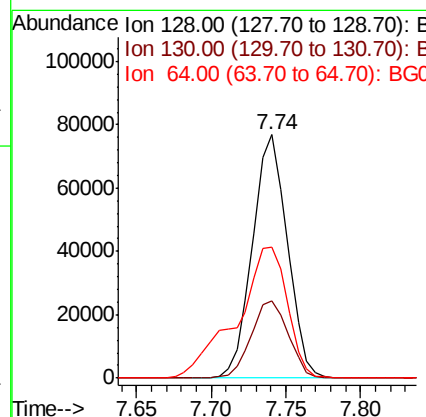
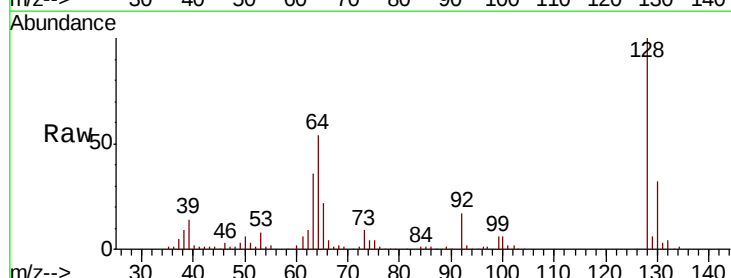
RT: 7.74 min Scan# 792

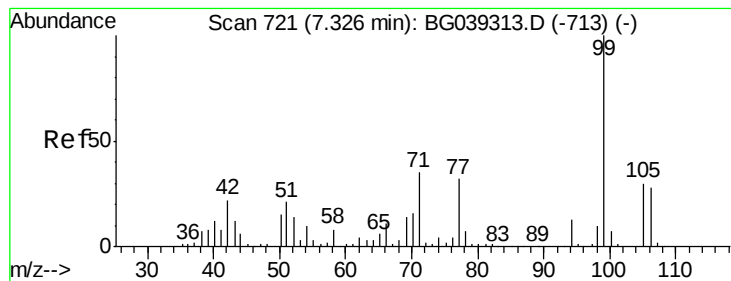
Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion:	128	Resp:	123942
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.9	52.9
64	53.9	38.7	78.7





#9

Benzaldehyde

Concen: 13.477 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

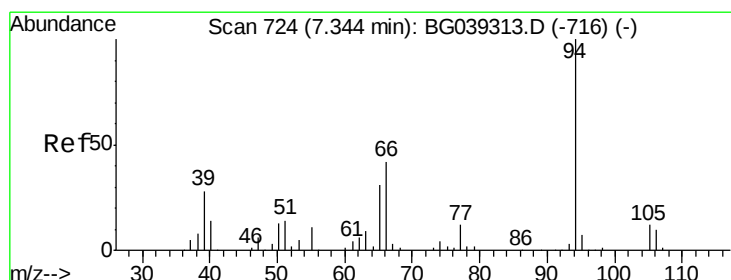
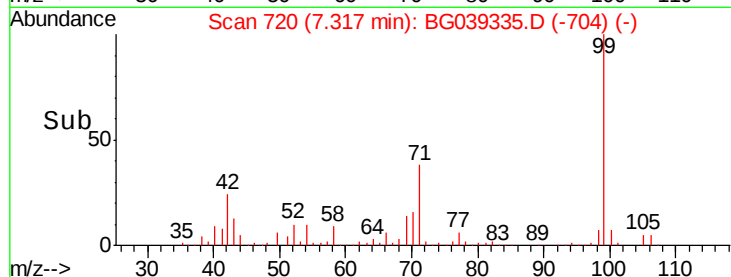
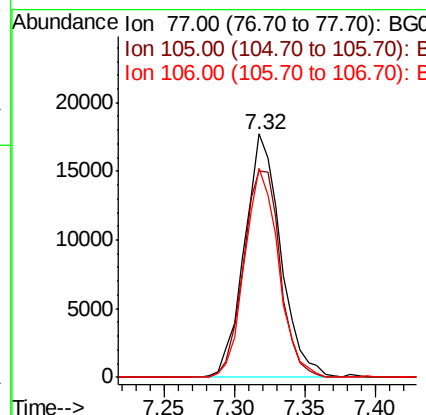
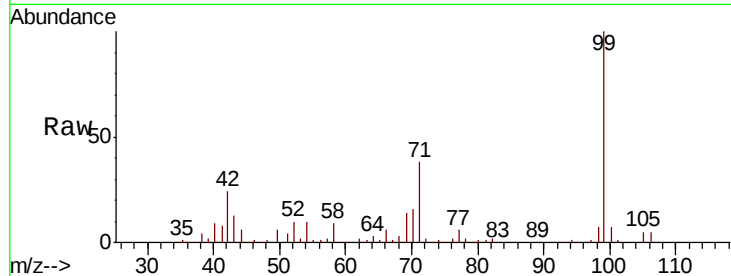
ClientSampleId :

PB116724BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	84.9	74.5	114.5
106	85.6	68.0	108.0

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#10

Phenol

Concen: 43.942 ng

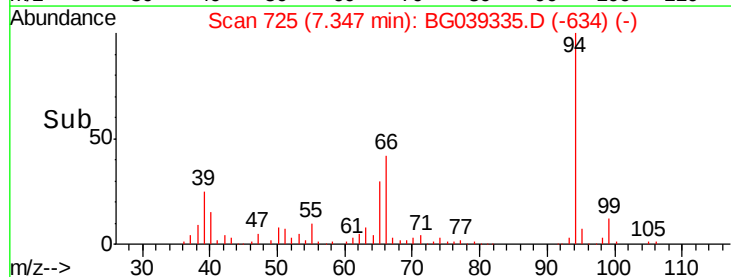
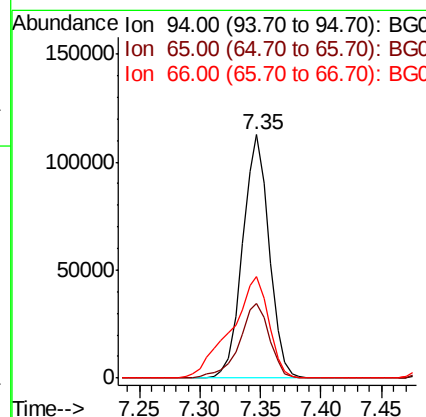
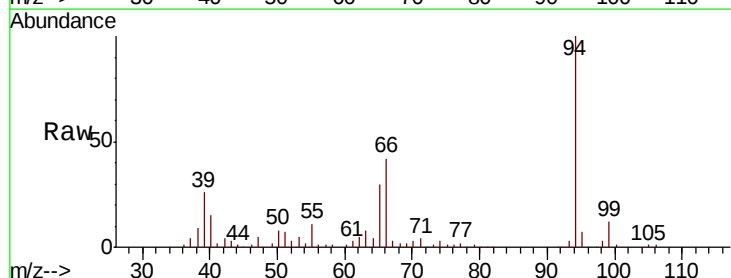
RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.4	11.7	51.7
66	41.5	23.7	63.7





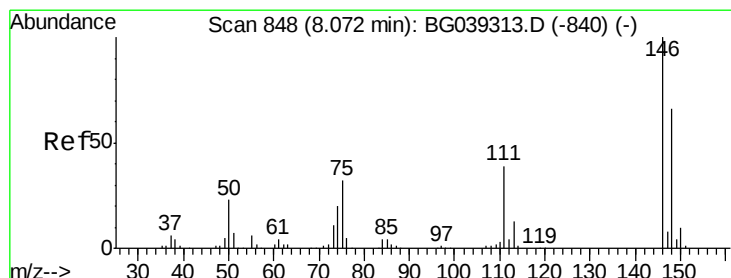
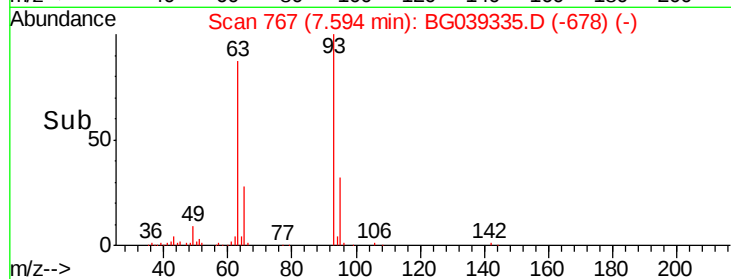
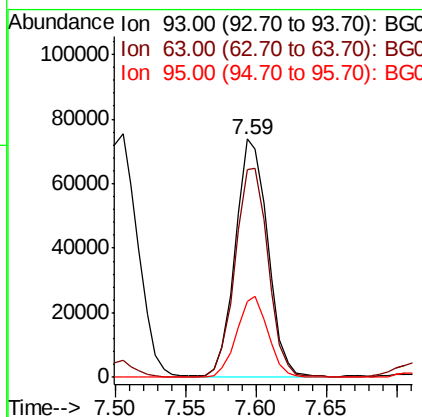
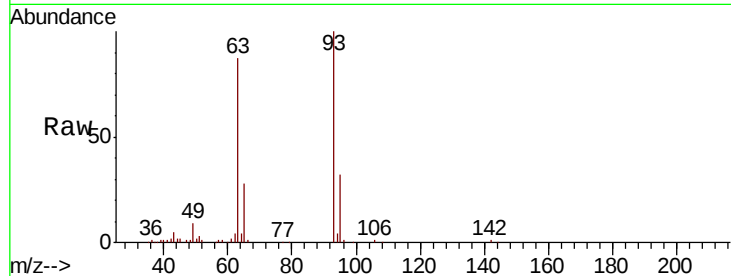
#11
bis(2-Chloroethyl)ether
Concen: 38.073 ng
RT: 7.59 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.2	69.5	109.5
95	31.7	12.7	52.7

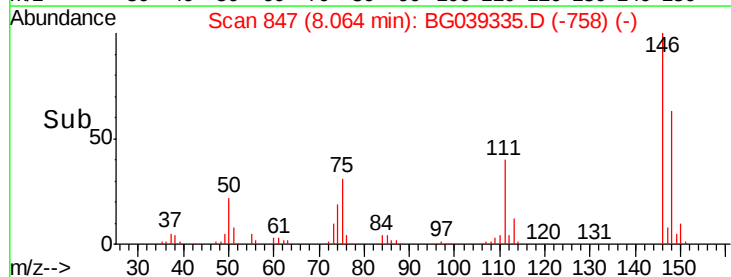
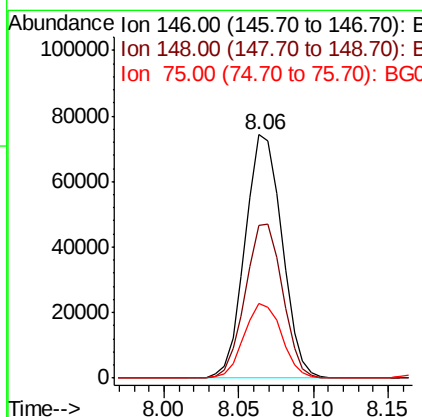
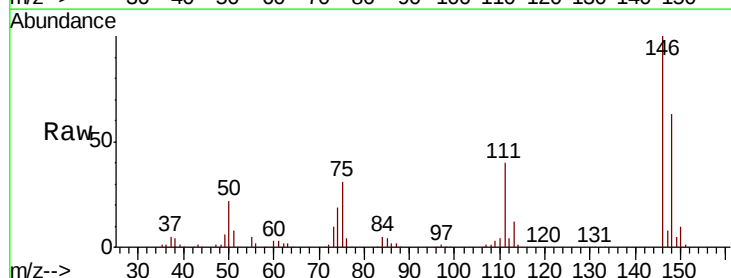
Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#12
1,3-Dichlorobenzene
Concen: 37.622 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.6	79.0
75	30.6	25.8	38.6





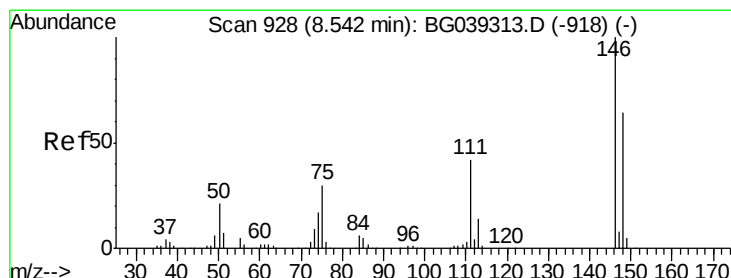
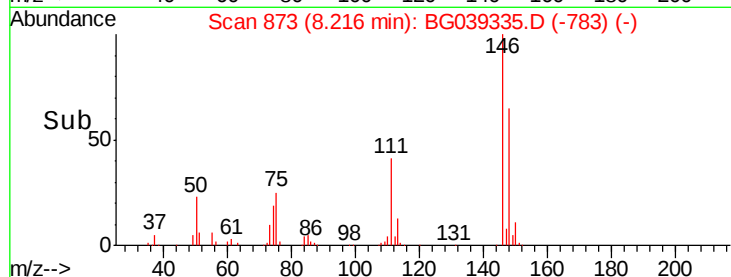
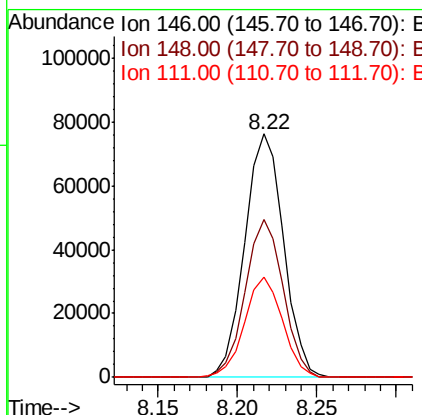
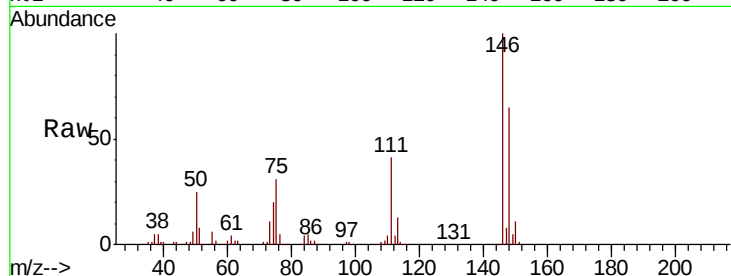
#13
1,4-Dichlorobenzene
Concen: 38.489 ng
RT: 8.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampled :
PB116724BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.1	76.7
111	41.3	32.6	48.8

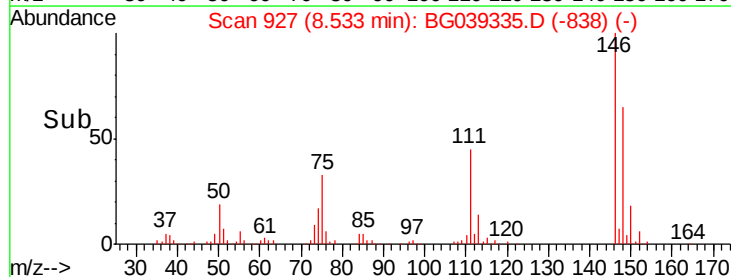
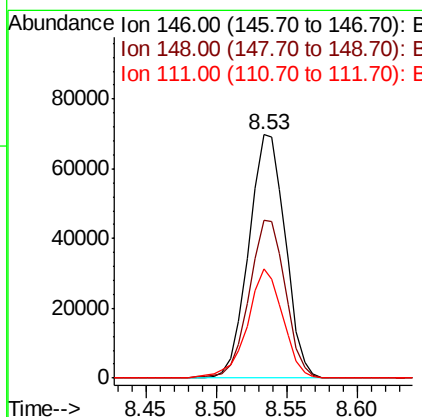
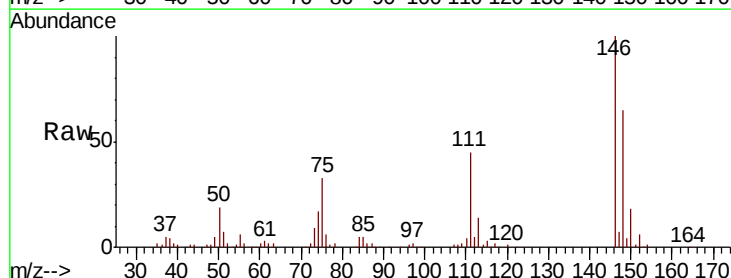
Manual Integrations
APPROVED

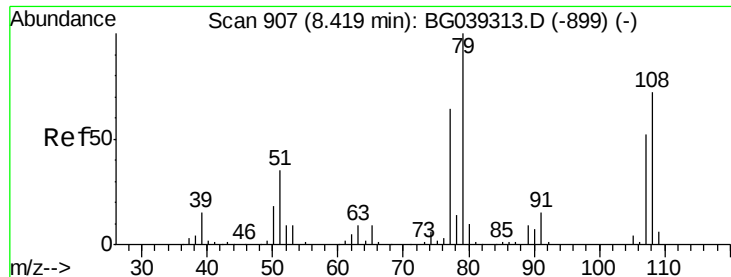
mohammad
2/1/2019 12:05:41 AM



#14
1,2-Dichlorobenzene
Concen: 38.680 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.5	77.3
111	44.9	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.442 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

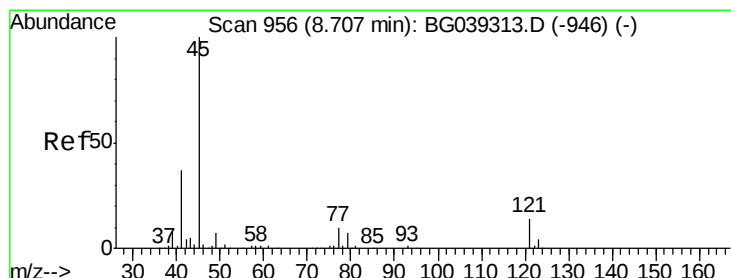
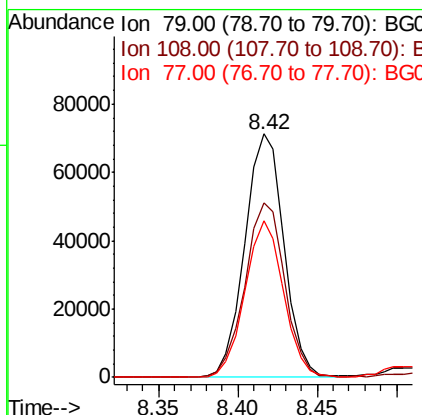
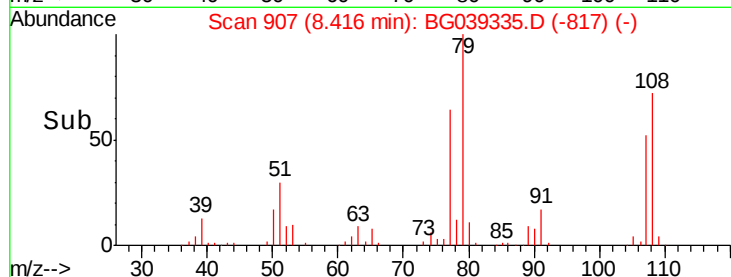
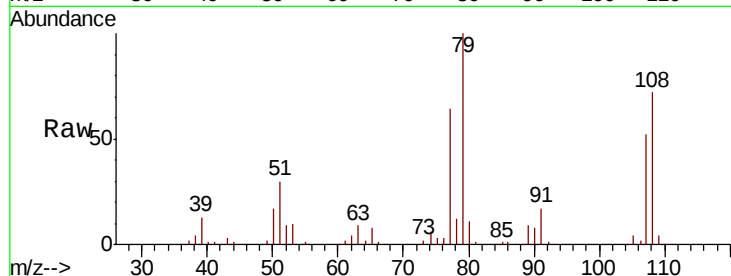
ClientSampleID :

PB116724BS

Tot Ion:	79	Resp:	122381
Ion Ratio	Lower	Upper	
79	100		
108	71.7	57.8	86.6
77	64.4	51.1	76.7

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.601 ng

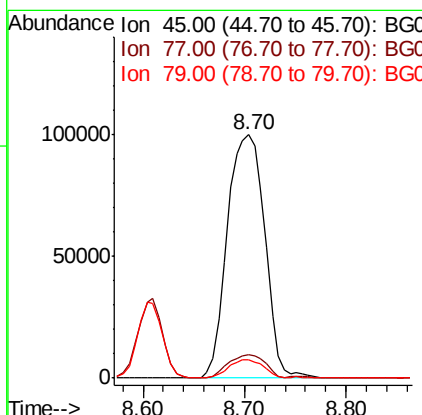
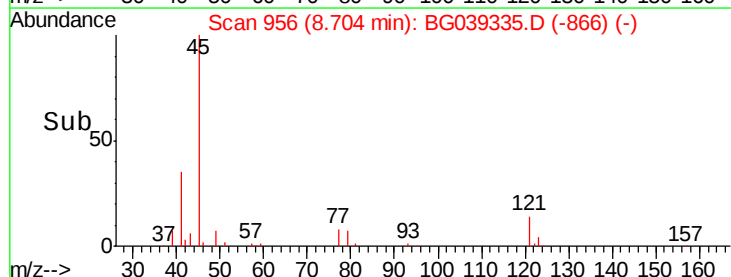
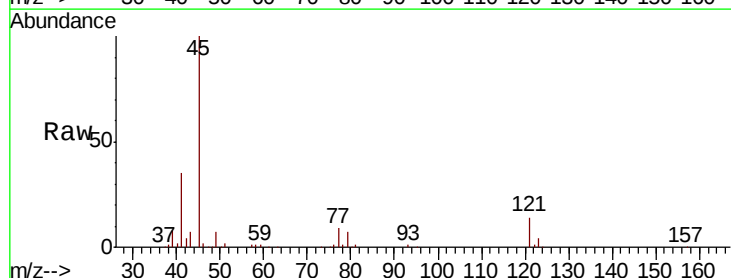
RT: 8.70 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion:	45	Resp:	256089
Ion Ratio	Lower	Upper	
45	100		
77	9.5	0.0	30.0
79	7.5	0.0	27.5





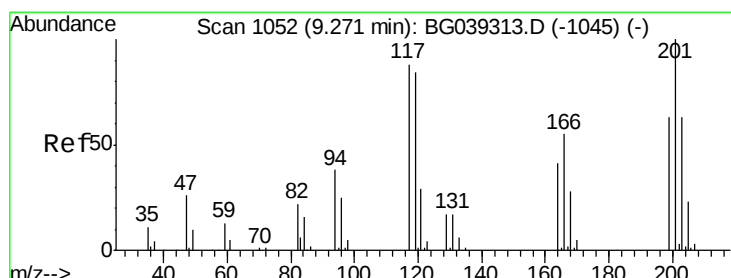
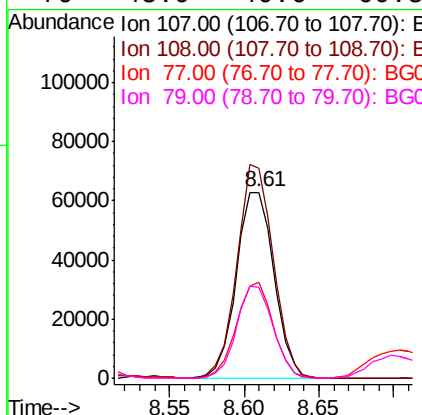
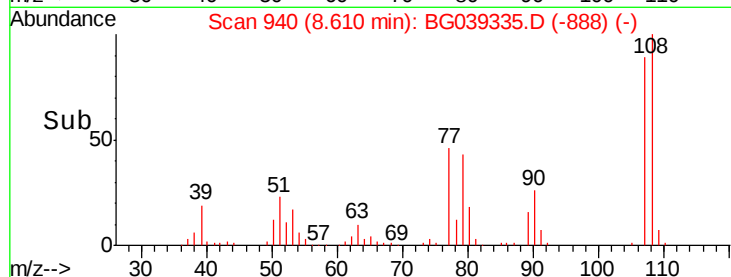
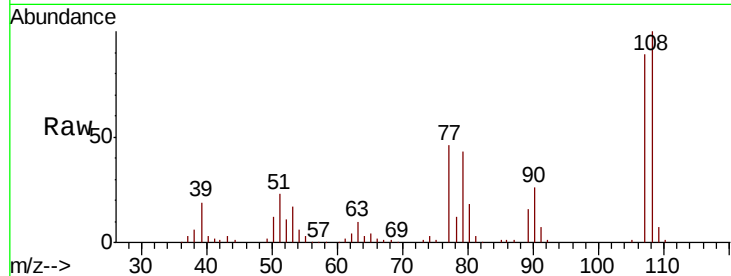
#17
2-Methylphenol
Concen: 43.398 ng
RT: 8.61 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	90.8	136.2	
77	51.8	40.7	61.1	
79	48.9	40.6	60.8	

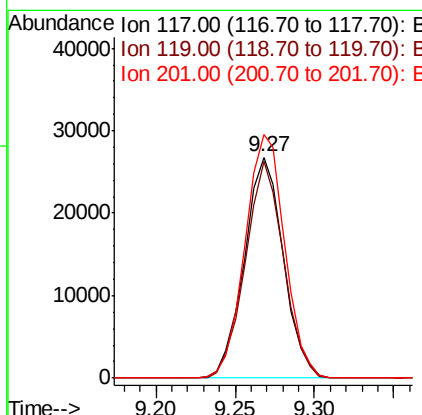
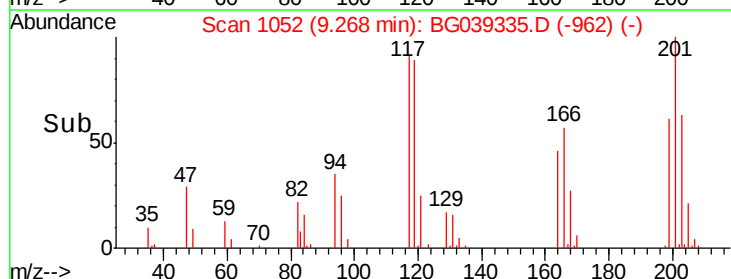
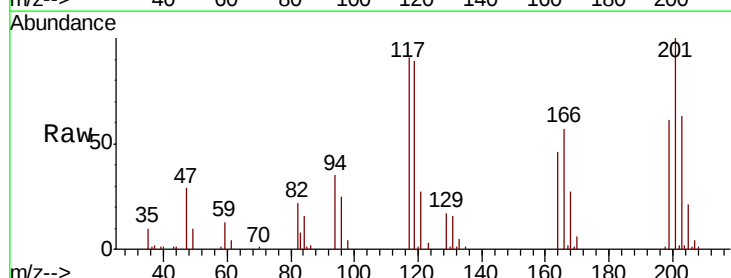
Manual Integrations
APPROVED

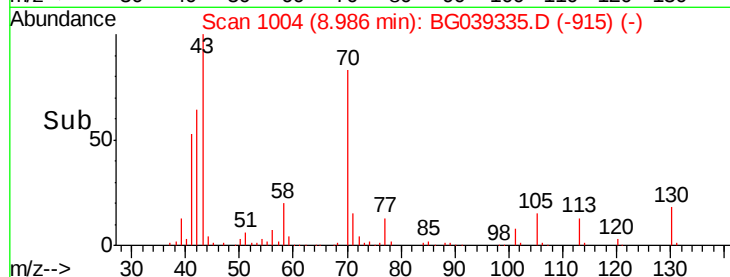
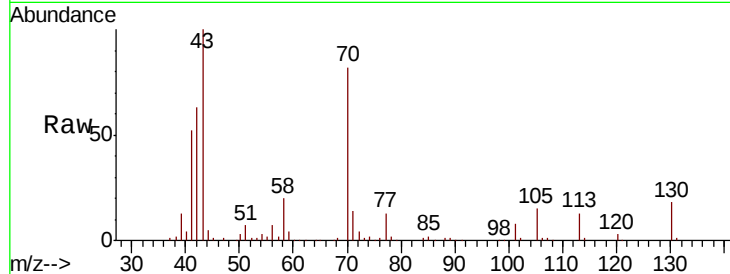
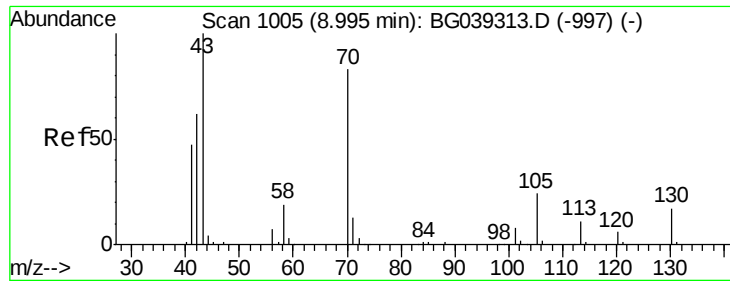
mohammad
2/1/2019 12:05:41 AM



#18
Hexachloroethane
Concen: 39.478 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	76.3	114.5	
201	110.1	91.1	136.7	





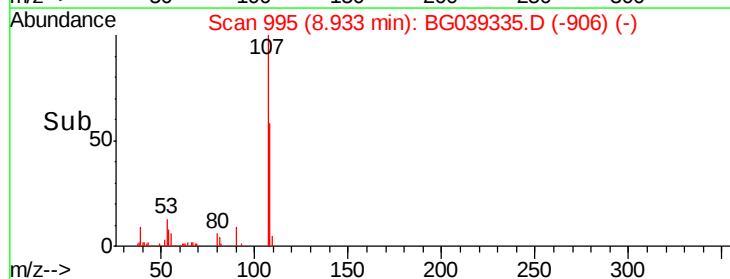
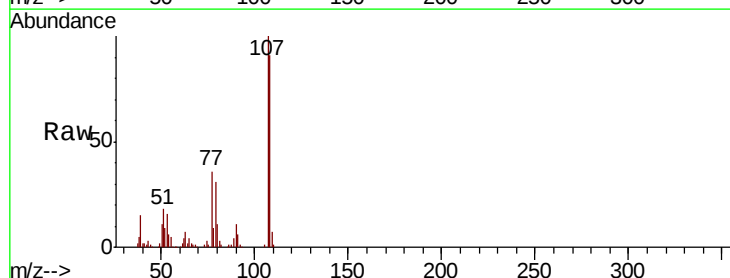
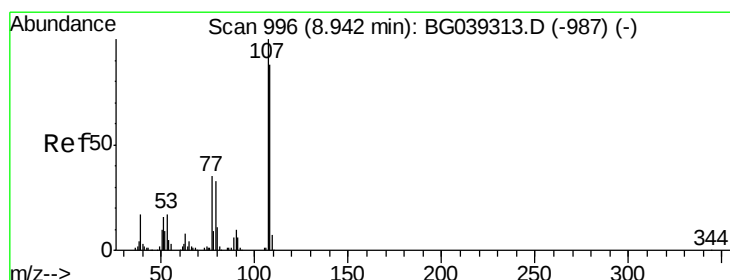
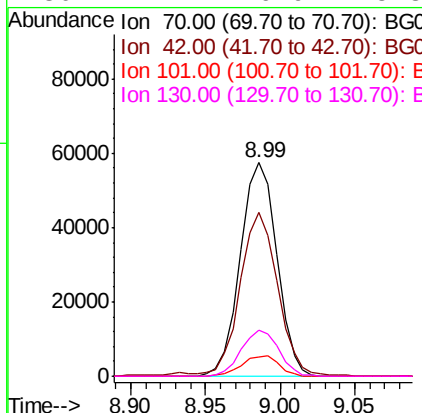
#19
n-Nitroso-di-n-propylamine
Concen: 36.601 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	77.0	60.4	90.6	
101	9.2	7.5	11.3	
130	21.7	16.9	25.3	

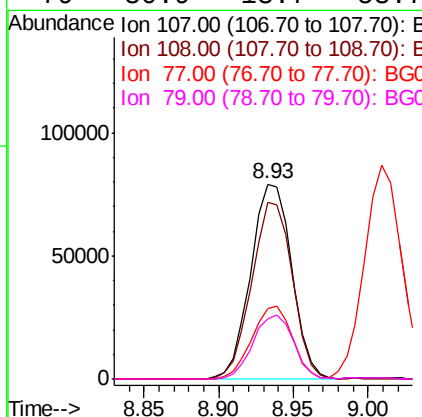
Manual Integrations
APPROVED

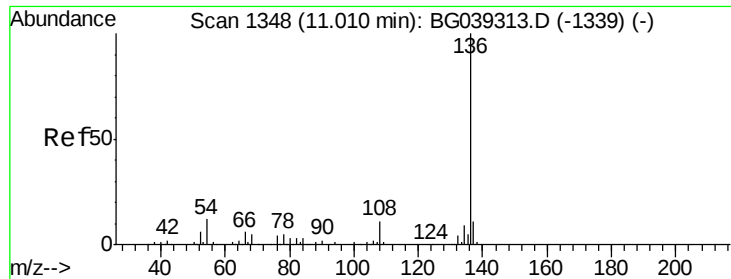
mohammad
2/1/2019 12:05:41 AM



#20
3+4-Methylphenols
Concen: 43.035 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	67.9	107.9	
77	36.4	15.4	55.4	
79	30.9	13.7	53.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.01 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

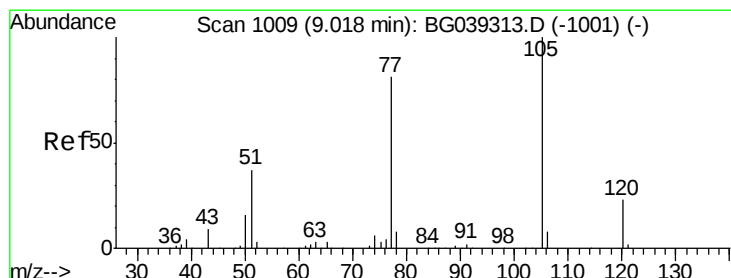
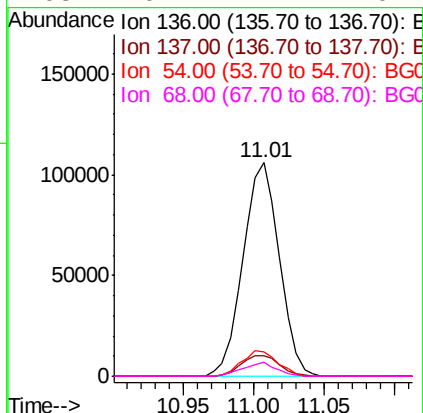
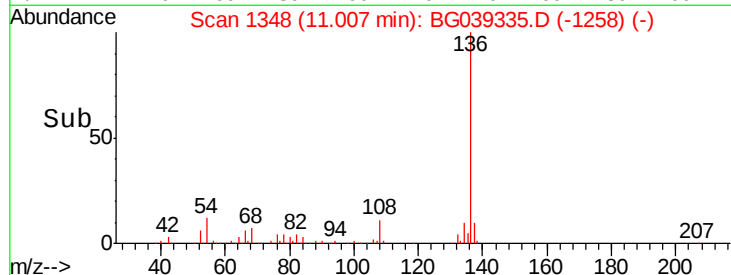
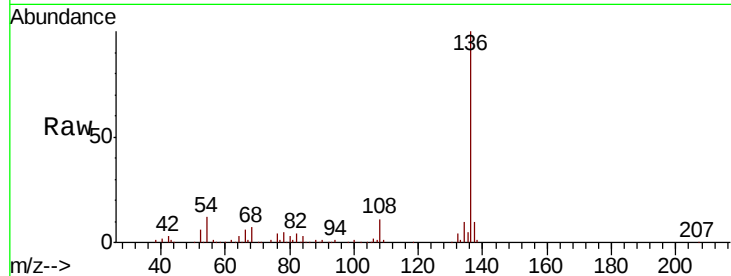
ClientSampleId :

PB116724BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	9.7	9.1	13.7
54	11.7	9.4	14.2
68	6.7	4.2	6.4#

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#22

Acetophenone

Concen: 36.337 ng

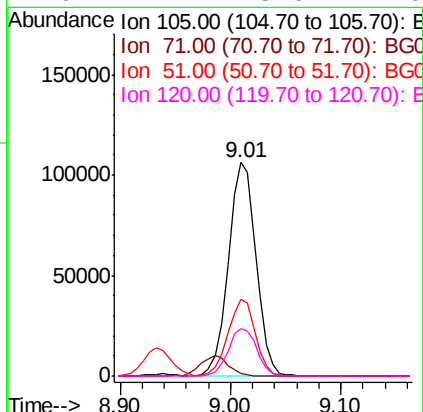
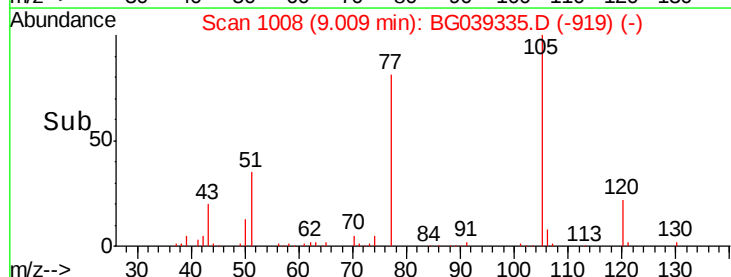
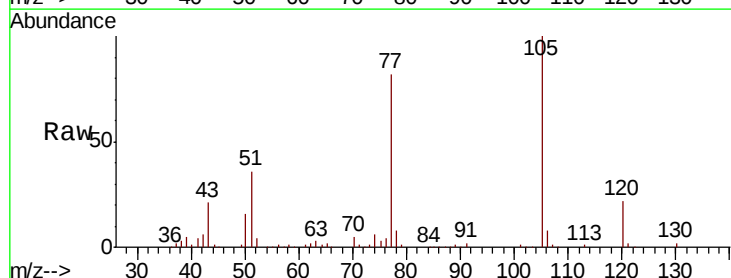
RT: 9.01 min Scan# 1008

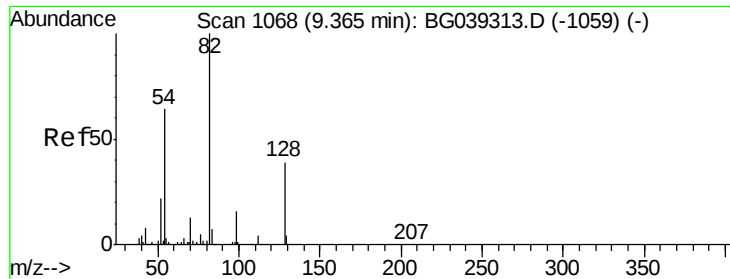
Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.0	0.8	1.2
51	35.9	30.2	45.2
120	22.4	18.0	27.0





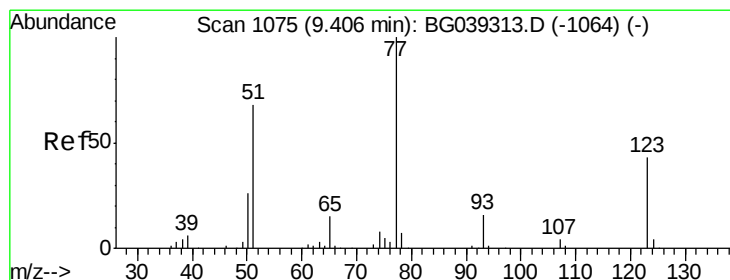
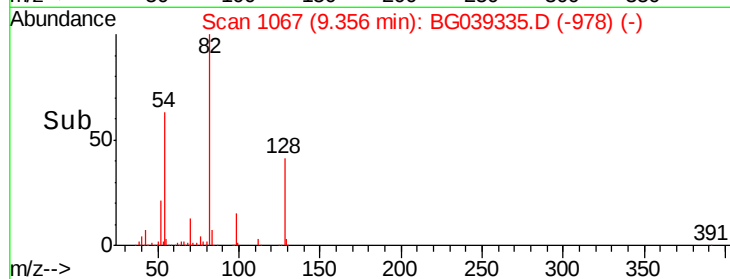
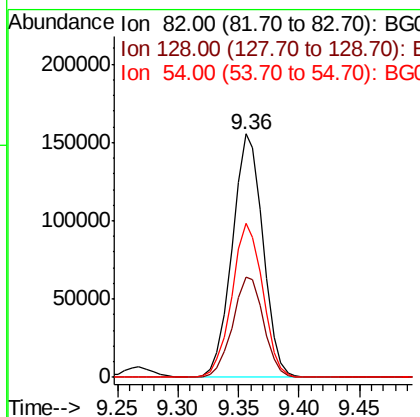
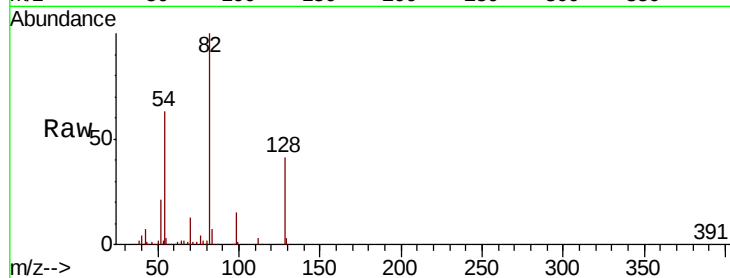
#23
 Nitrobenzene-d5
 Concen: 90.393 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	275871		
128	41.3		31.3	46.9
54	63.0		50.9	76.3

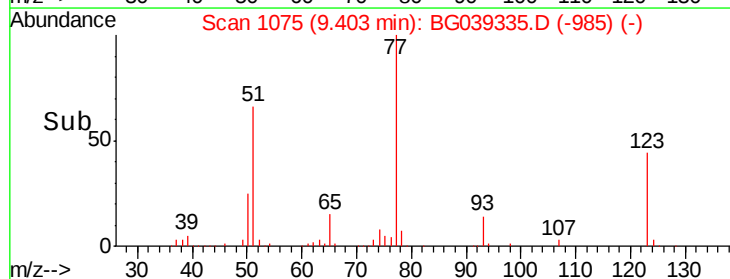
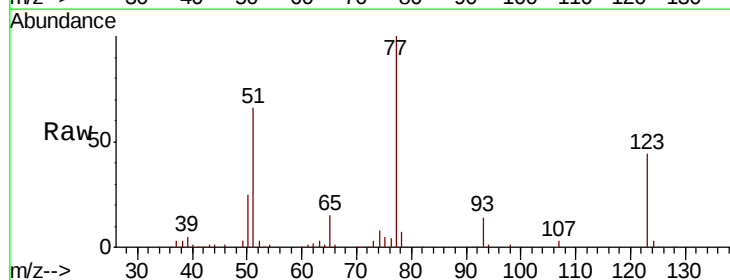
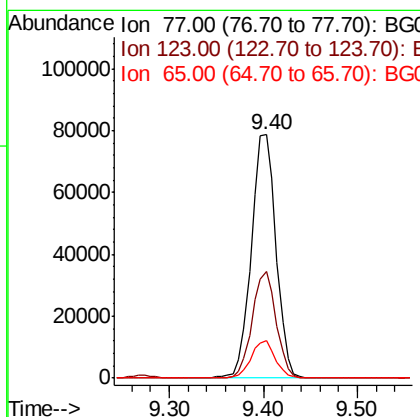
Manual Integrations
 APPROVED

mohammad
 2/1/2019 12:05:41 AM



#24
 Nitrobenzene
 Concen: 43.319 ng
 RT: 9.40 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	142827		
123	44.0		34.1	51.1
65	15.4		12.3	18.5





#25

Isophorone

Concen: 41.410 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

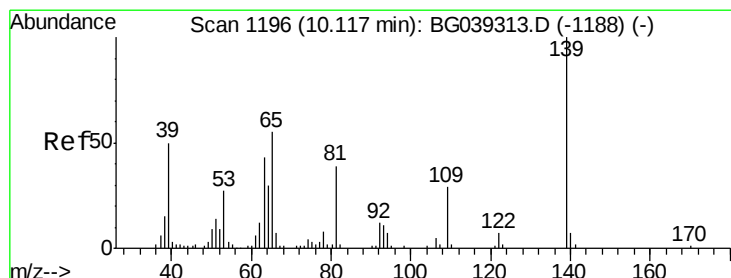
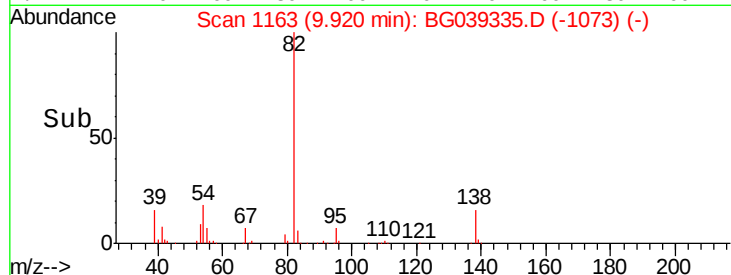
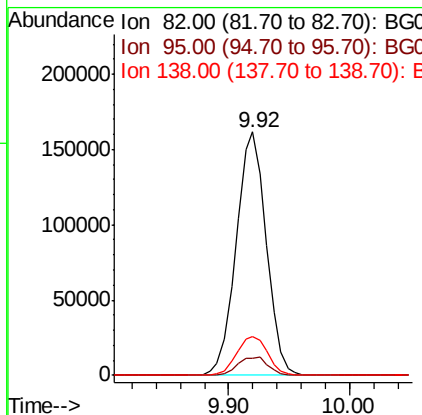
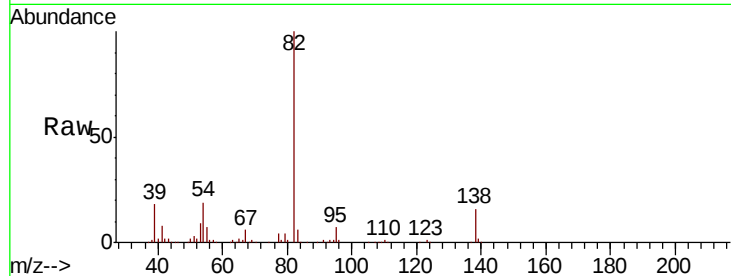
ClientSampleId :

PB116724BS

Tot Ion	82	Resp	280054
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.2	9.2
138	15.9	13.0	19.4

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#26

2-Nitrophenol

Concen: 47.394 ng

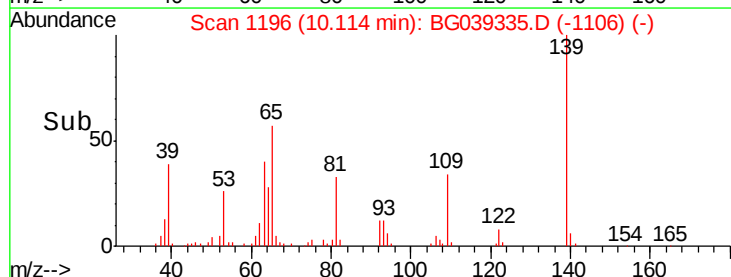
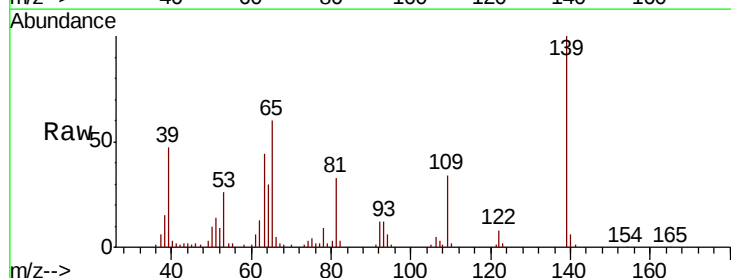
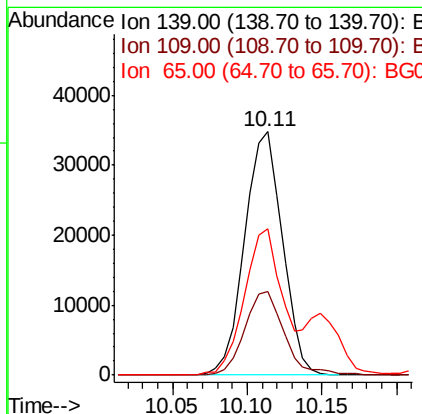
RT: 10.11 min Scan# 1196

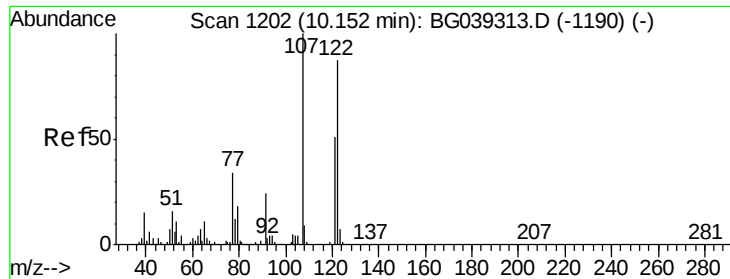
Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion	139	Resp	60837
Ion Ratio	Lower	Upper	
139	100		
109	34.2	23.4	35.0
65	60.1	44.3	66.5





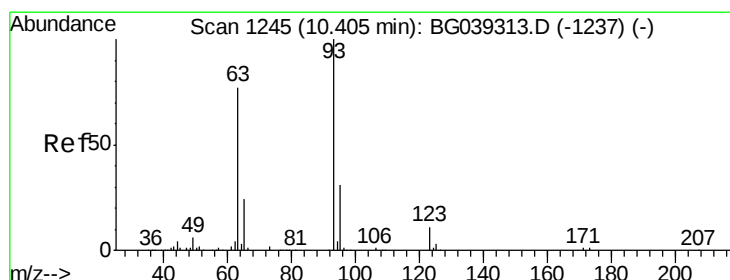
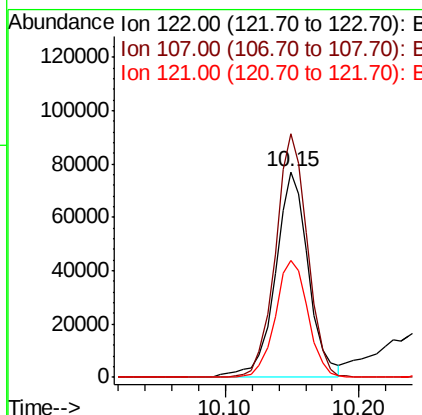
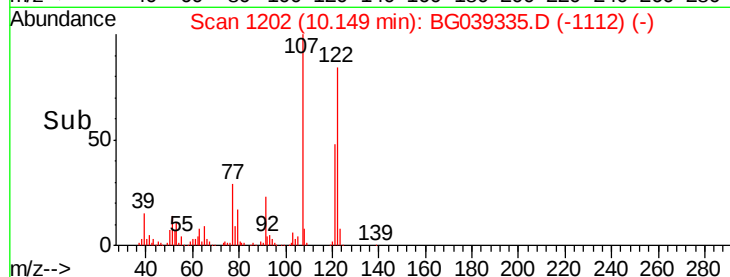
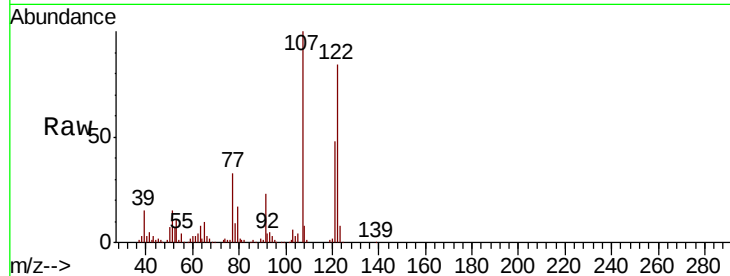
#27
2,4-Dimethylphenol
Concen: 48.598 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	118.6	91.7	137.5	
121	57.1	46.4	69.6	

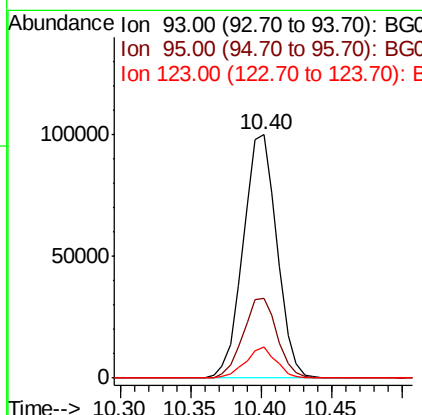
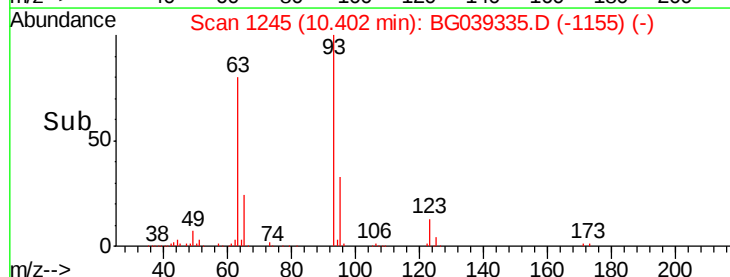
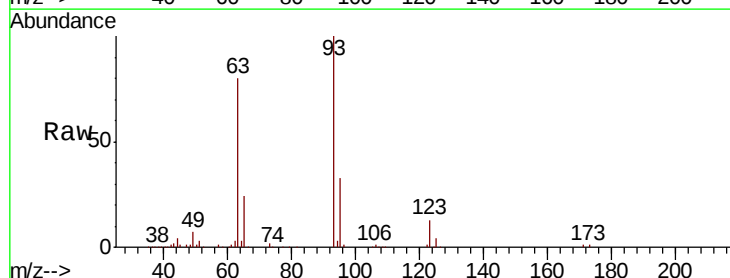
Manual Integrations
APPROVED

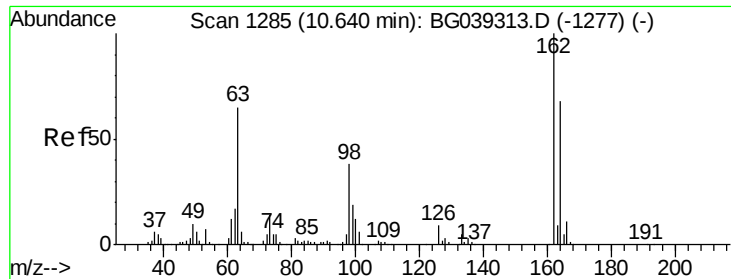
mohammad
2/1/2019 12:05:41 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.269 ng
RT: 10.40 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.8	25.0	37.4	
123	12.8	8.6	12.8	





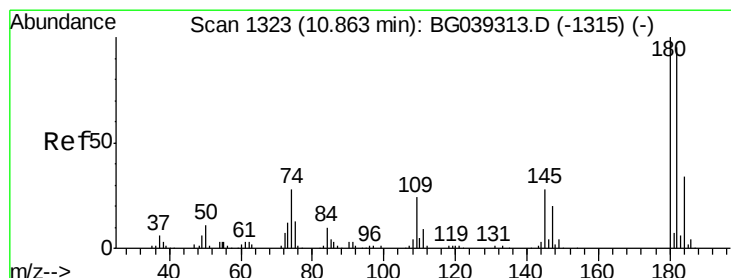
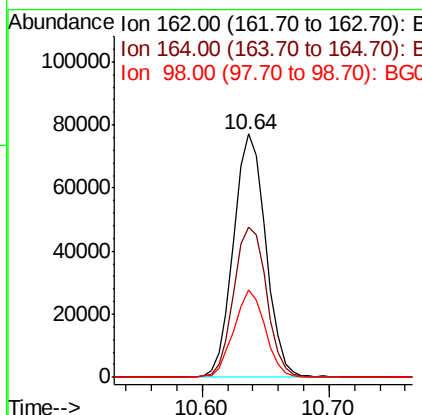
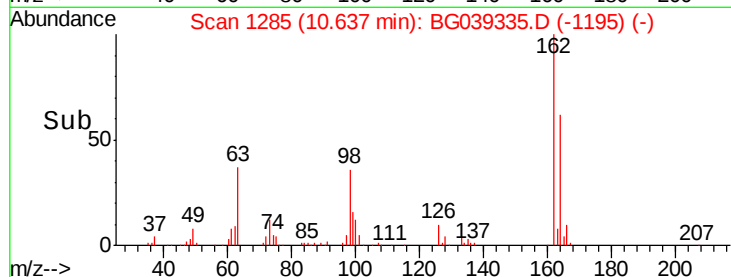
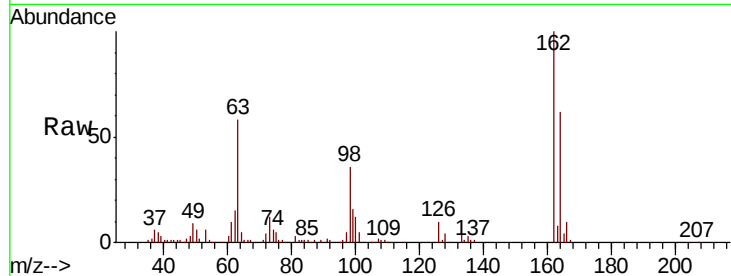
#29
2,4-Dichlorophenol
Concen: 45.266 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleID :
PB116724BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	135346		
164	61.6	48.1	88.1	
98	36.1	18.1	58.1	

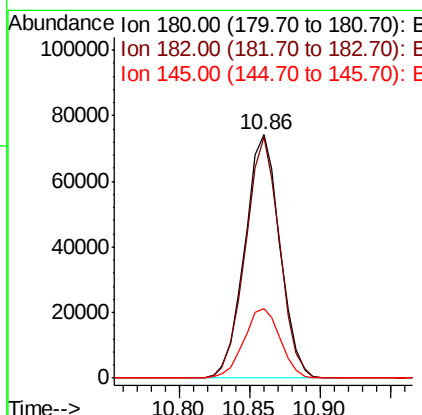
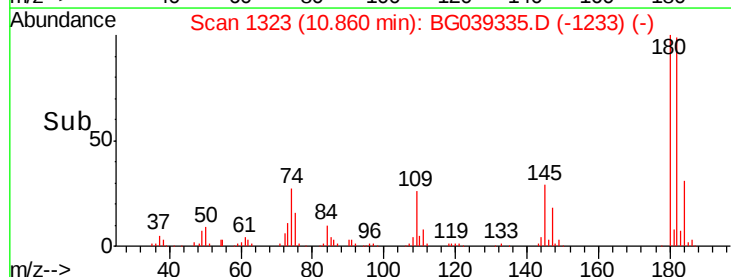
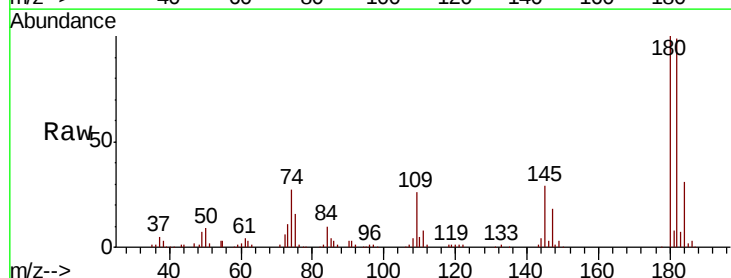
Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.485 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	129191		
182	99.0	76.0	114.0	
145	28.6	22.7	34.1	





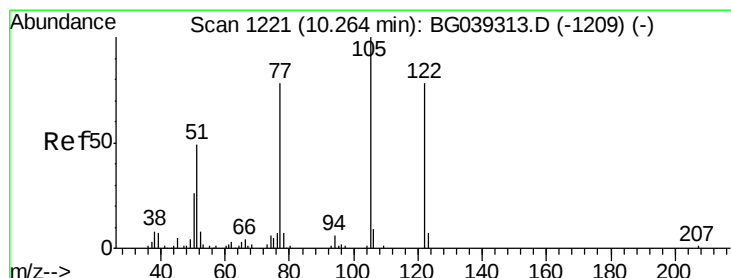
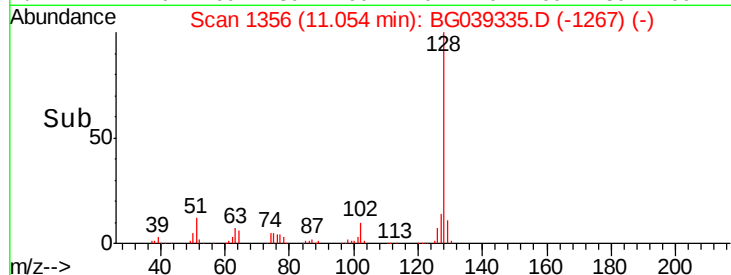
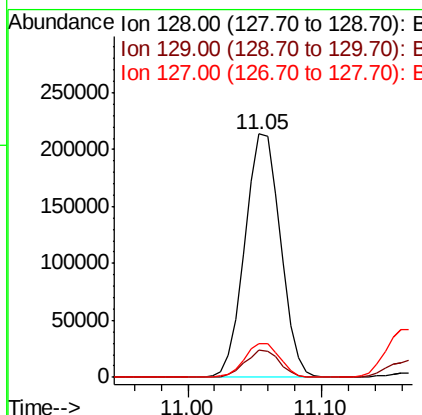
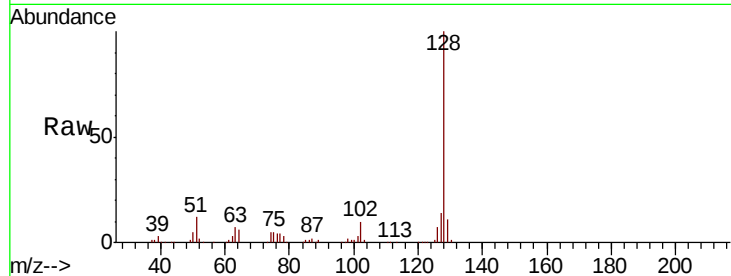
#31
Naphthalene
Concen: 41.454 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.9	10.8	16.2

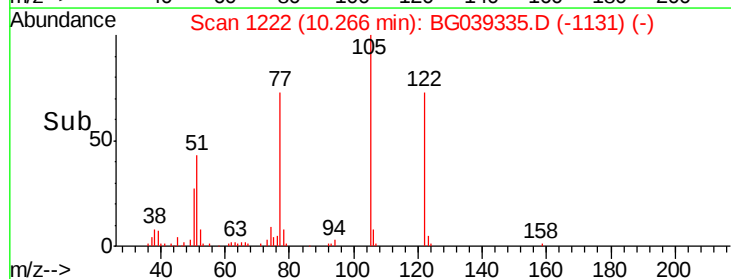
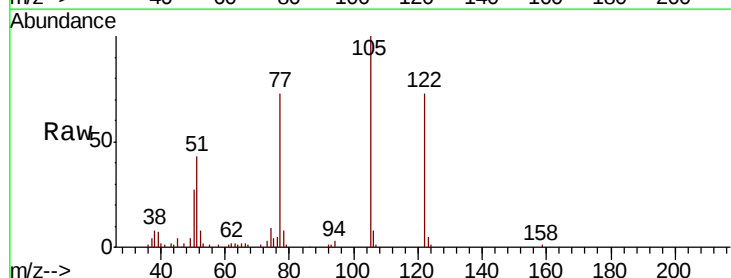
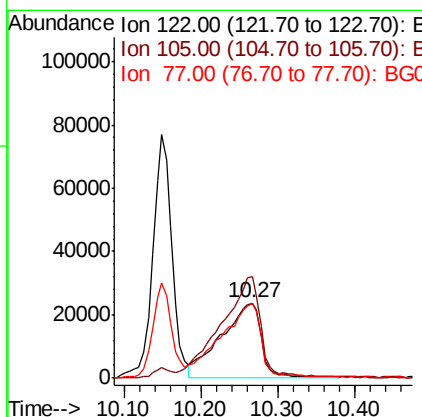
Manual Integrations
APPROVED

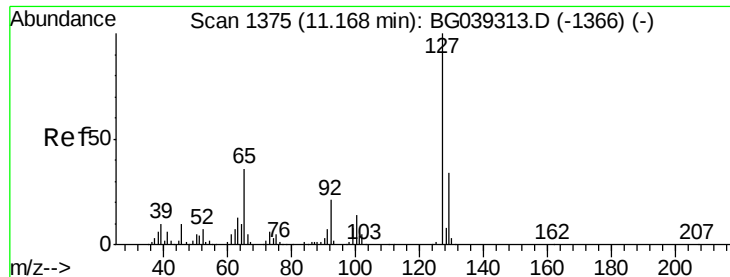
mohammad
2/1/2019 12:05:41 AM



#32
Benzoic acid
Concen: 47.894 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.4	101.8	141.8
77	99.9	76.3	116.3





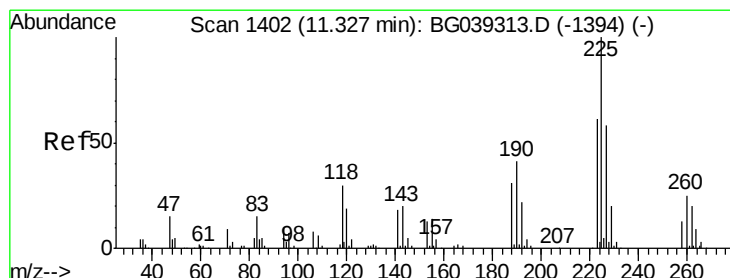
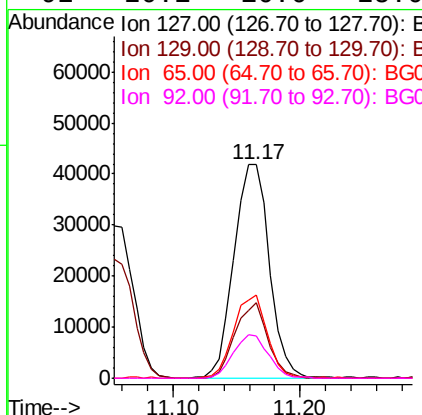
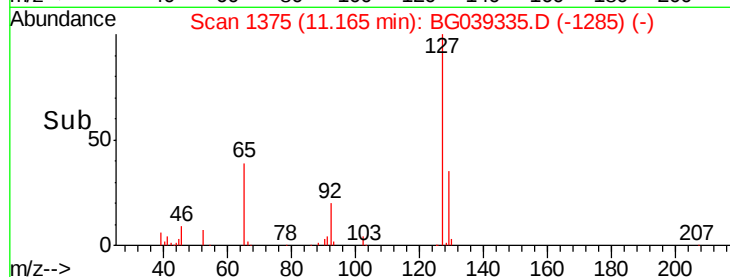
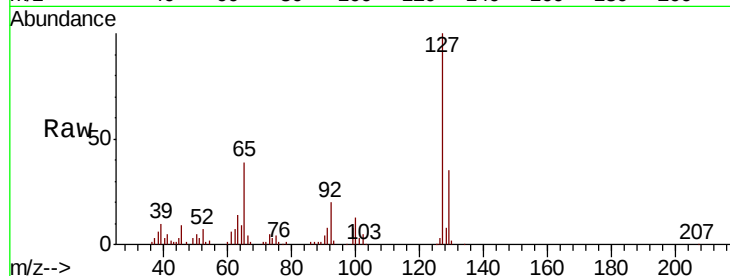
#33
4-Chloroaniline
Concen: 18.521 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.2	27.0	40.4
65	39.1	28.8	43.2
92	20.1	16.6	25.0

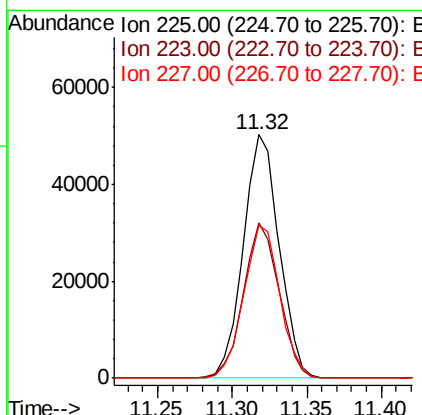
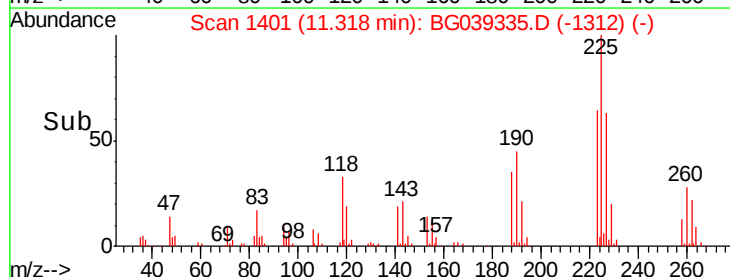
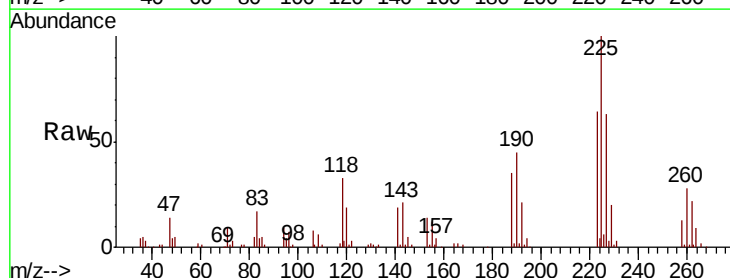
Manual Integrations
APPROVED

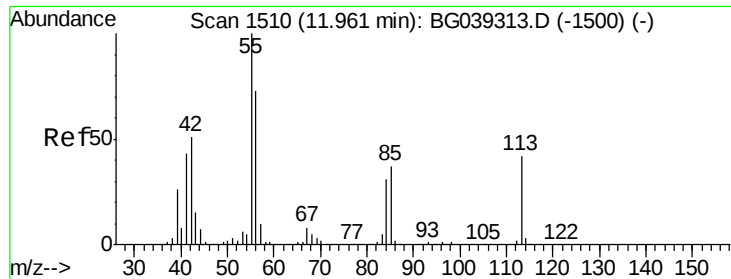
mohammad
2/1/2019 12:05:41 AM



#34
Hexachlorobutadiene
Concen: 37.330 ng
RT: 11.32 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.0	73.6
227	63.0	46.3	69.5





#35

Caprolactam

Concen: 37.600 ng/mL

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

Tot Ion:113 Resp: 46523

Ion Ratio Lower Upper

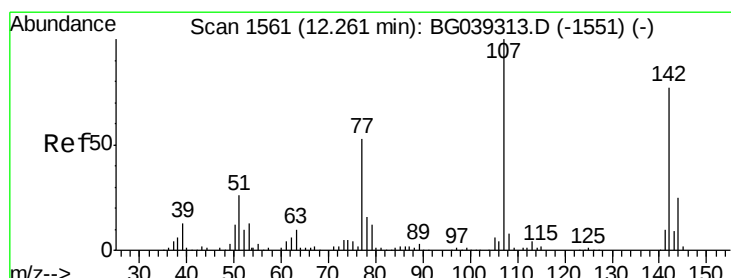
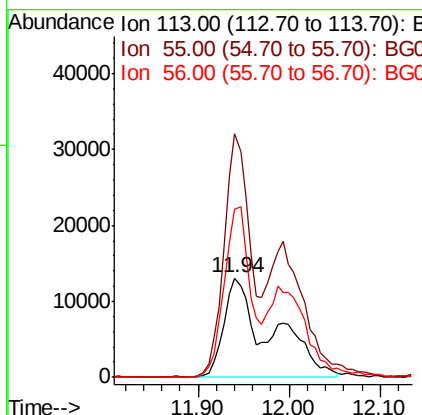
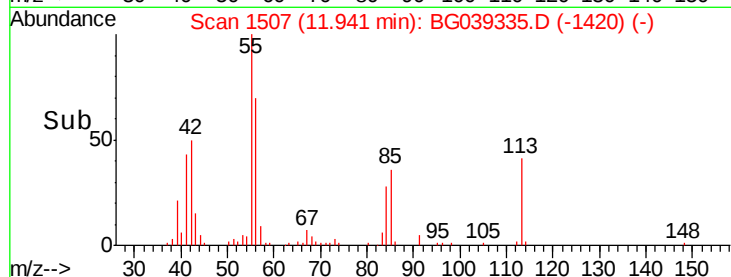
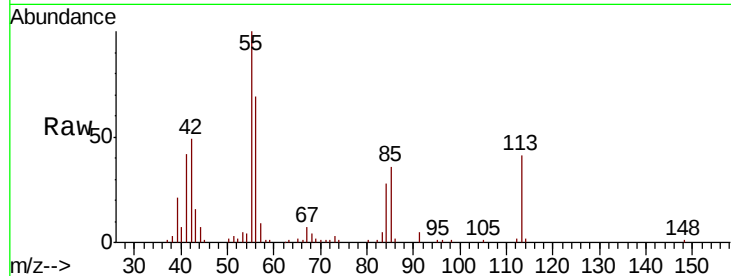
113 100

55 246.0 216.9 256.9

56 170.5 152.6 192.6

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#36

4-Chloro-3-methylphenol

Concen: 43.263 ng/mL

RT: 12.26 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

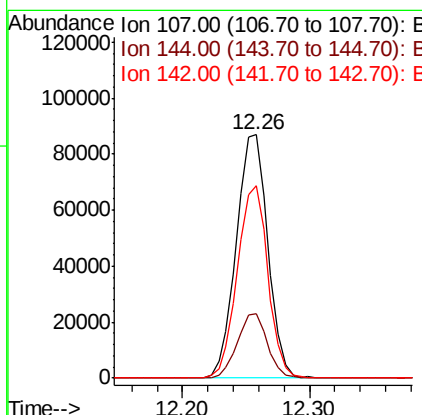
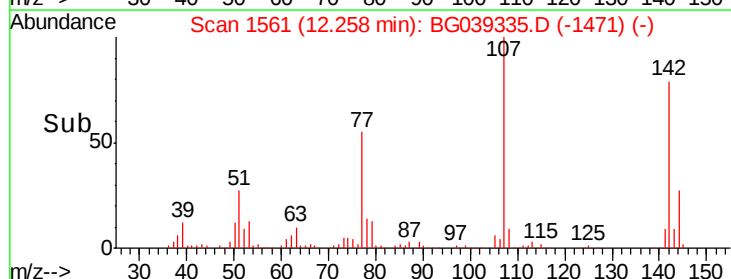
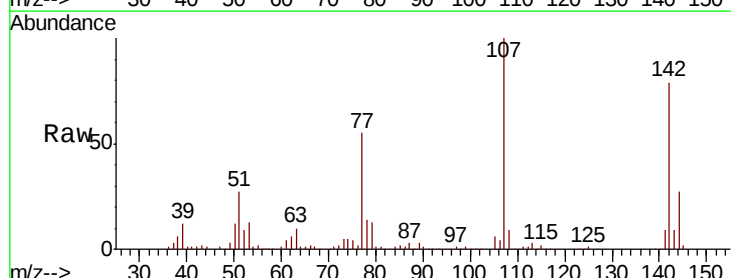
Tgt Ion:107 Resp: 149603

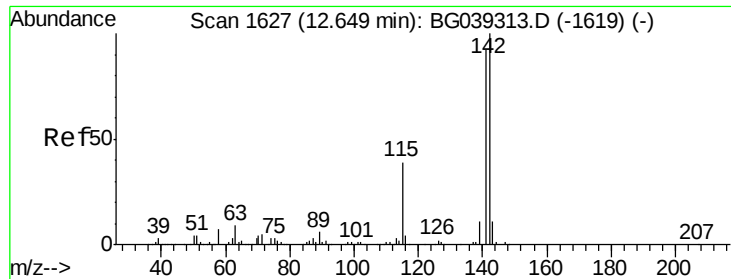
Ion Ratio Lower Upper

107 100

144 26.5 20.2 30.2

142 79.0 61.4 92.2





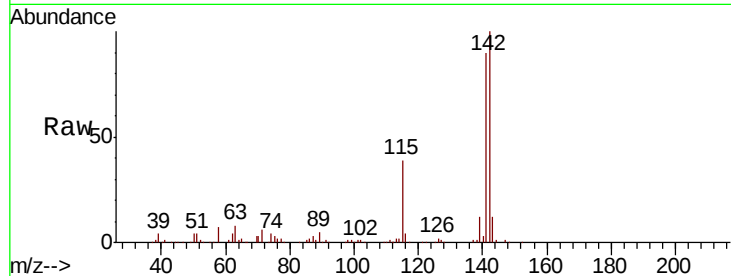
#37
2-Methylnaphthalene
Concen: 42.472 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.5	110.3
115	38.7	30.8	46.2

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM

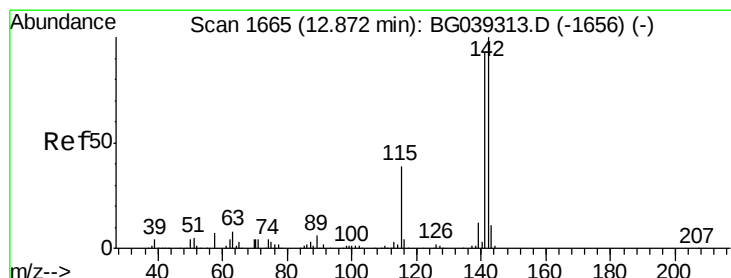
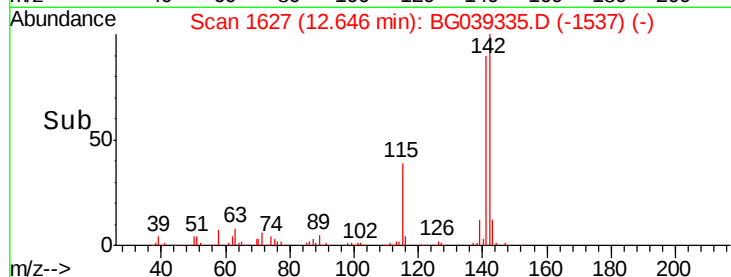
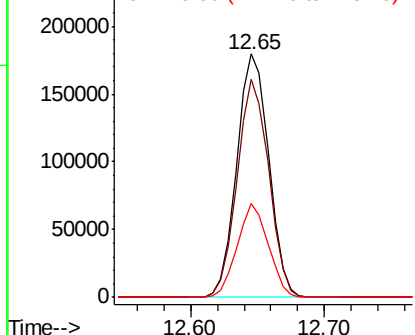


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.067 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

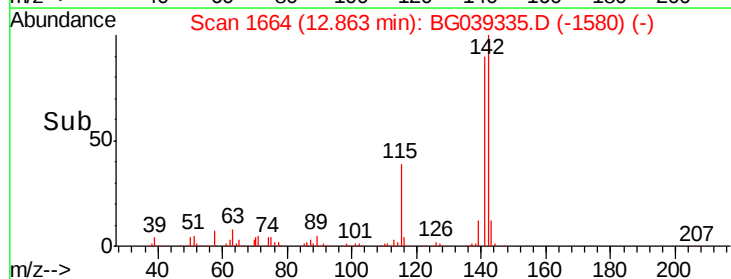
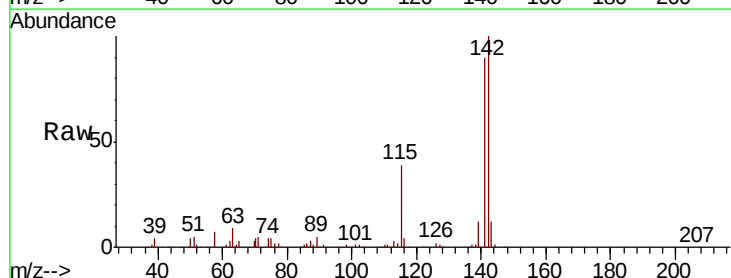
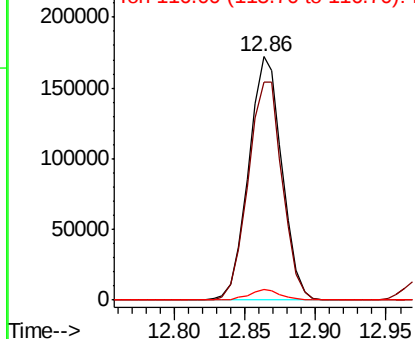
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	74.2	111.4
116	4.5	3.0	4.6

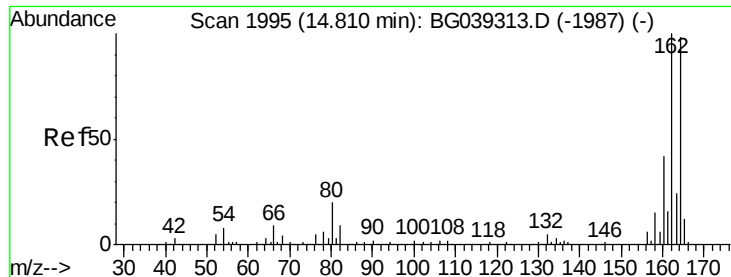
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

Tot Ion:164 Resp: 131446

Ion Ratio Lower Upper

164 100

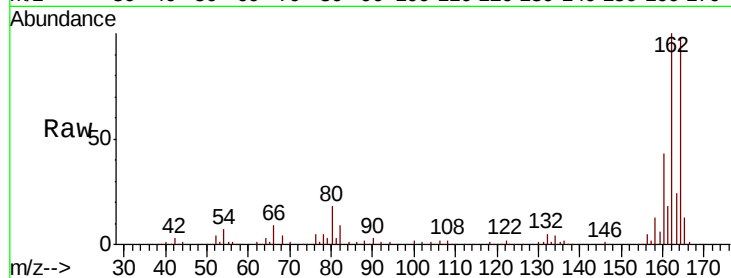
162 101.6 81.6 122.4

160 43.5 34.2 51.2

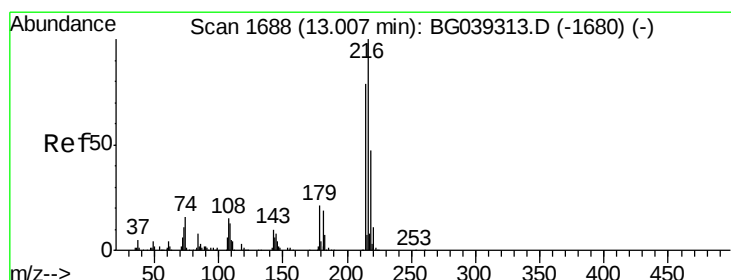
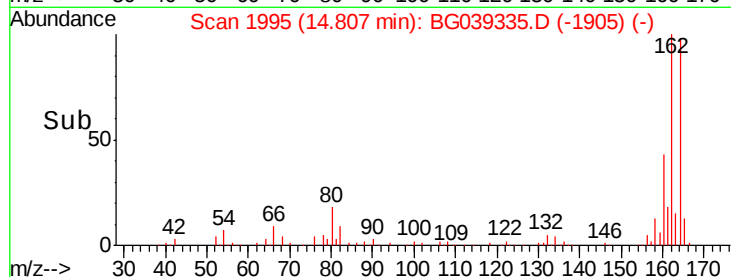
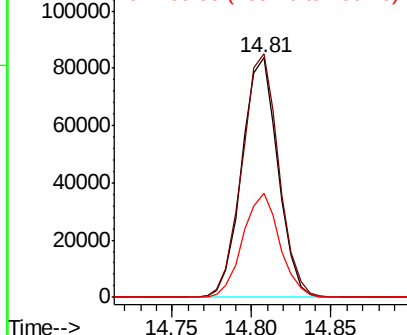
Manual Integrations
APPROVED

mohammad

2/1/2019 12:05:41 AM



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.127 ng

RT: 13.00 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion:216 Resp: 155273

Ion Ratio Lower Upper

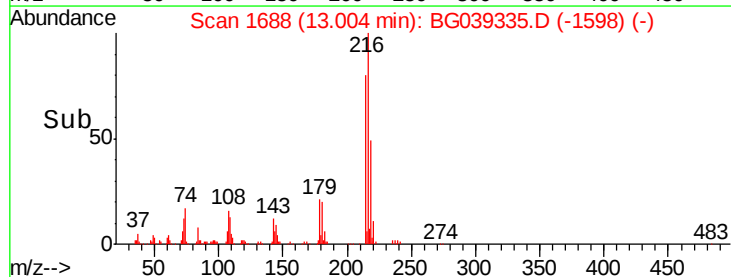
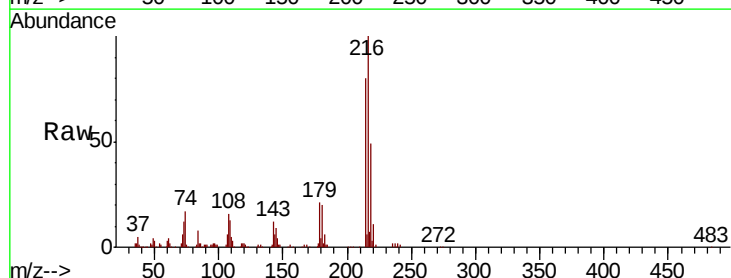
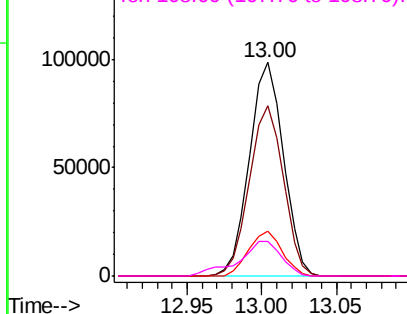
216 100

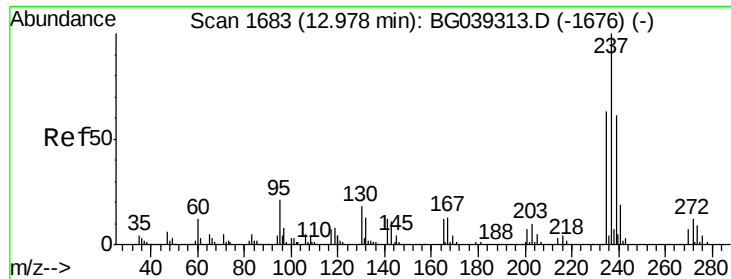
214 79.9 62.6 94.0

179 20.7 16.6 25.0

108 20.3 14.0 21.0

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





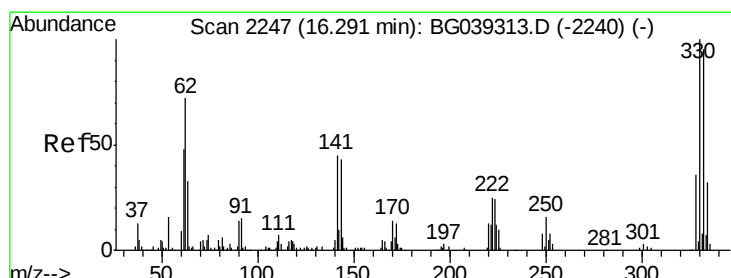
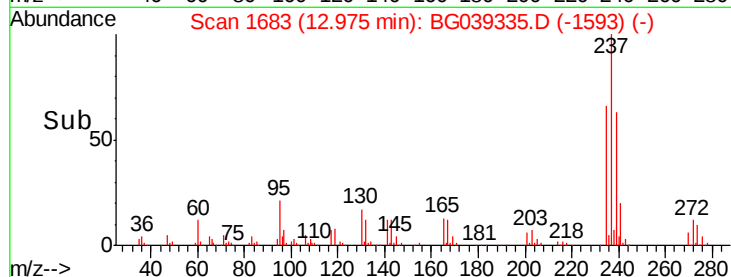
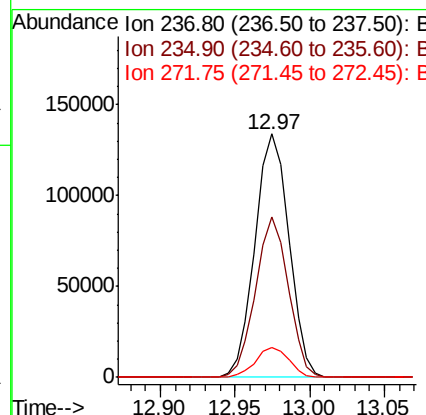
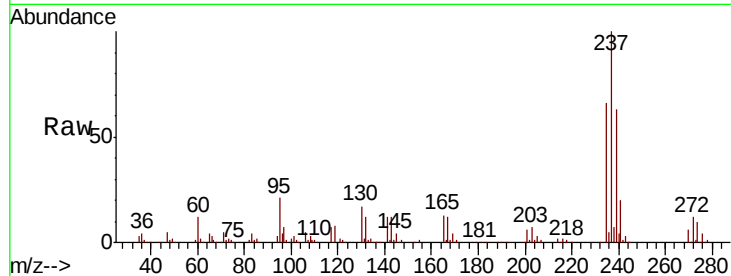
#41
Hexachlorocyclopentadiene
Concen: 92.328 ng
RT: 12.97 min Scan# 1683
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	66.0	43.3	83.3
272	12.3	0.0	32.3

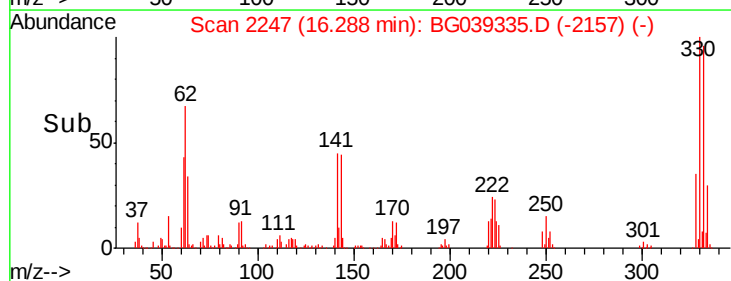
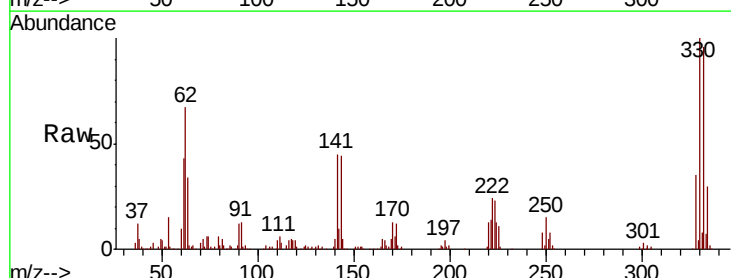
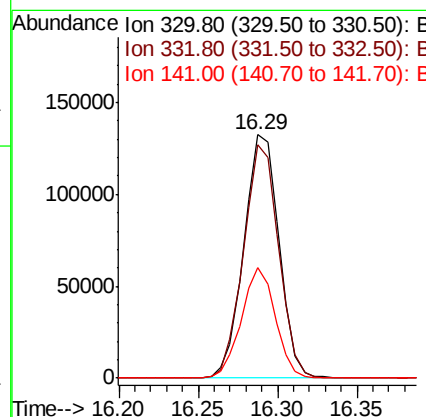
Manual Integrations
APPROVED

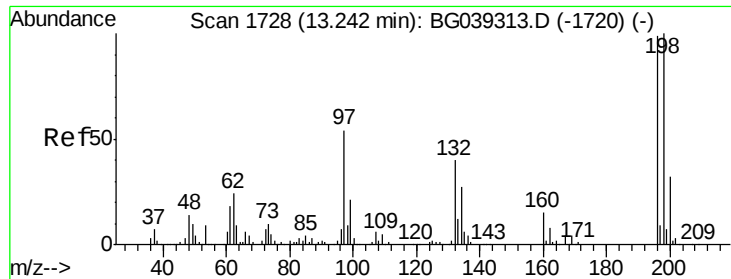
mohammad
2/1/2019 12:05:41 AM



#42
2,4,6-Tribromophenol
Concen: 144.101 ng
RT: 16.29 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.9	75.7	113.5
141	43.7	35.6	53.4





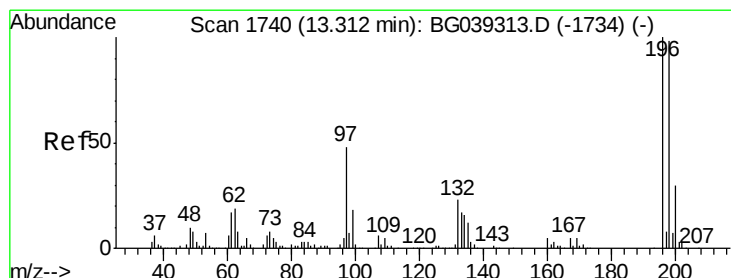
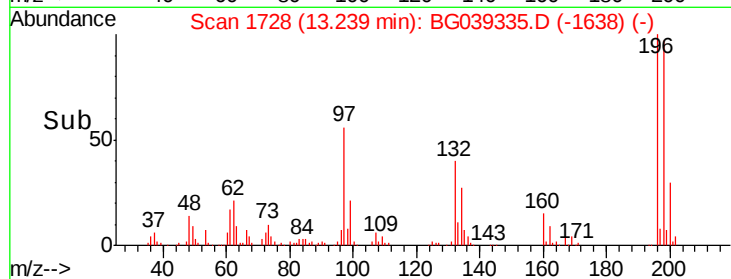
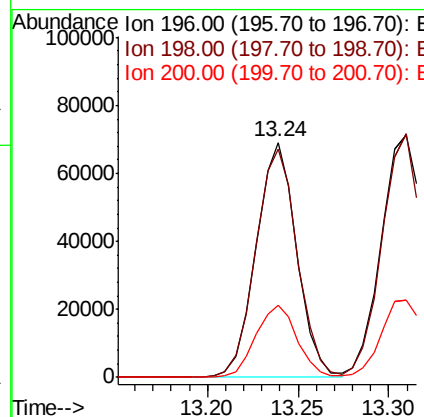
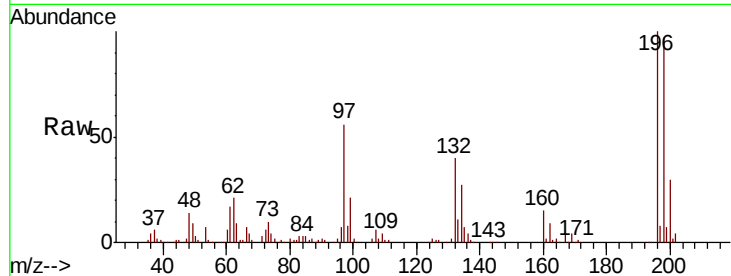
#43
 2,4,6-Trichlorophenol
 Concen: 41.925 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107809		
198	97.4	80.6	121.0	
200	30.5	26.1	39.1	

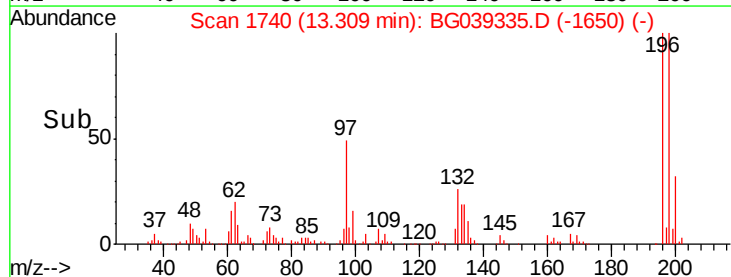
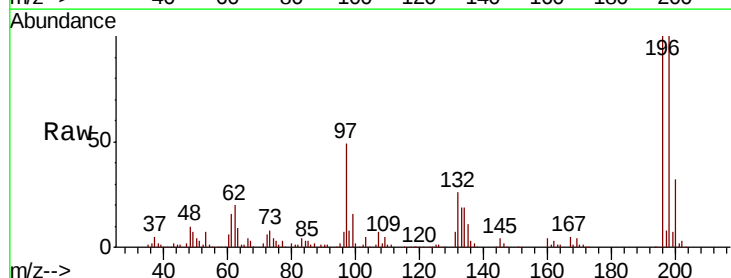
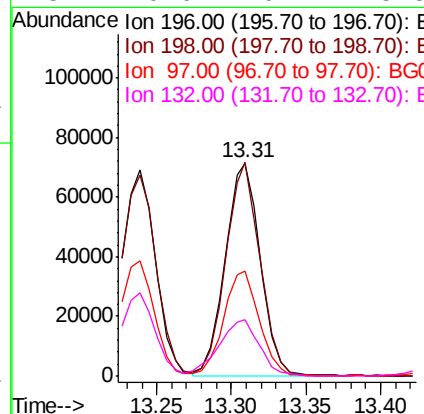
Manual Integrations
 APPROVED

mohammad
 2/1/2019 12:05:41 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.302 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116704		
198	100.4	78.5	117.7	
97	49.5	38.4	57.6	
132	26.6	19.2	28.8	





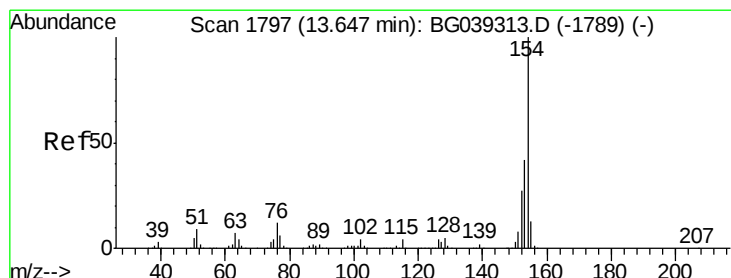
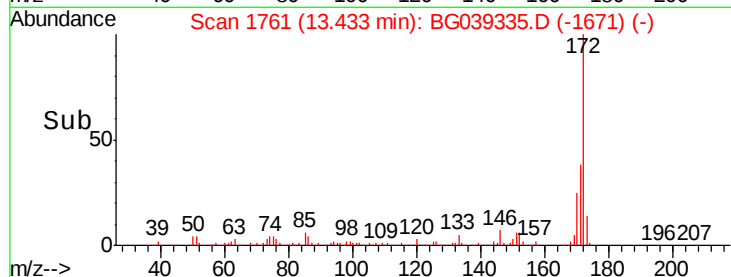
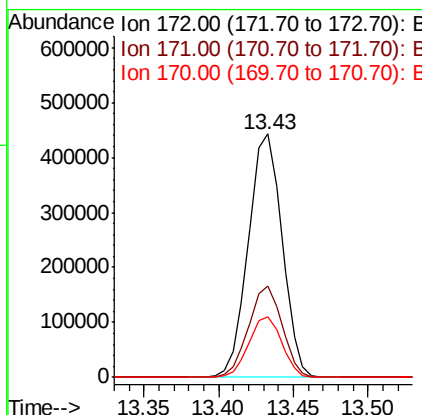
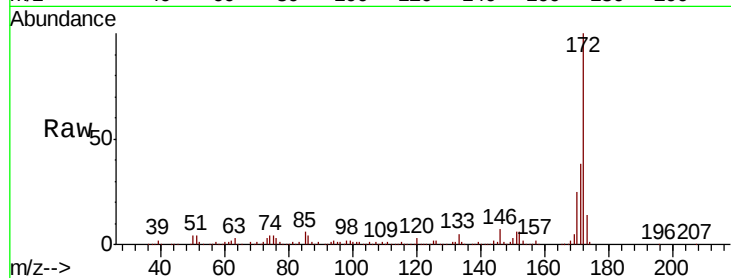
#45
2-Fluorobiphenyl
Concen: 75.587 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	24.8	20.2	30.4

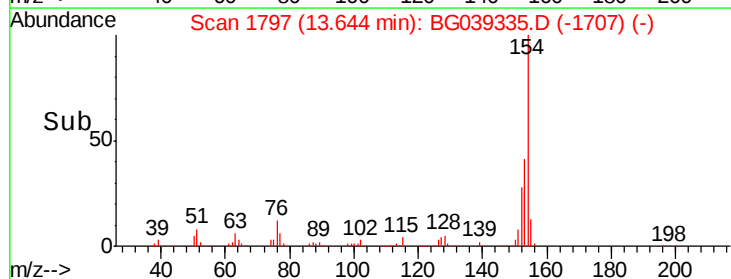
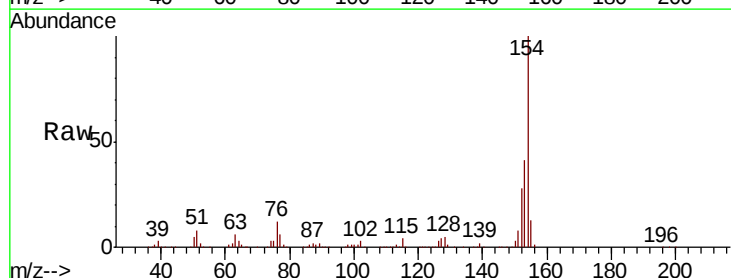
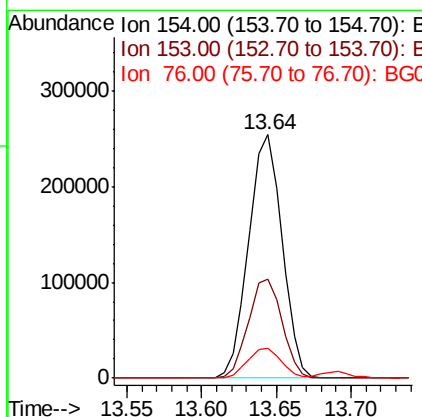
Manual Integrations
APPROVED

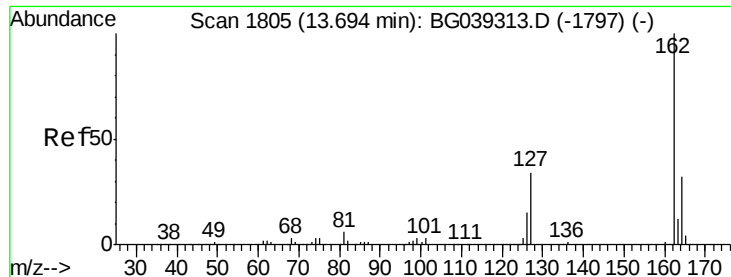
mohammad
2/1/2019 12:05:41 AM



#46
1,1'-Biphenyl
Concen: 35.944 ng
RT: 13.64 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.1	62.1
76	12.4	0.0	32.4





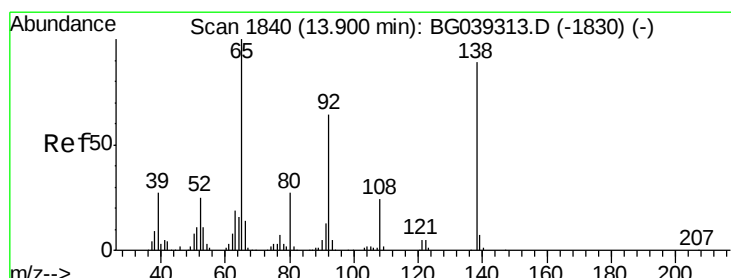
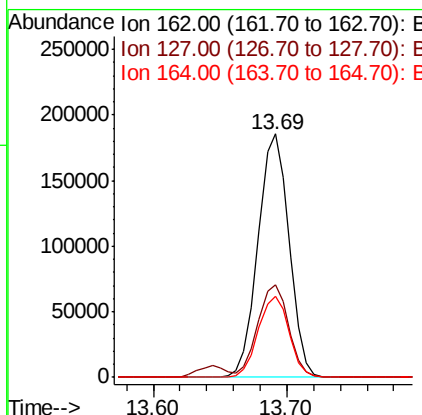
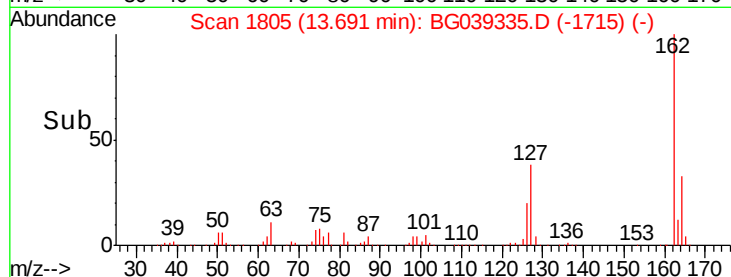
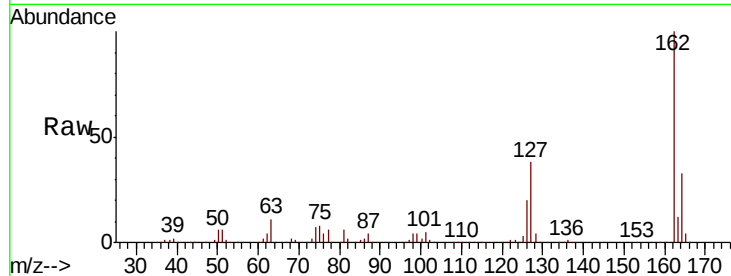
#47
2-Chloronaphthalene
Concen: 36.160 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.0	46.6
164	33.4	25.7	38.5

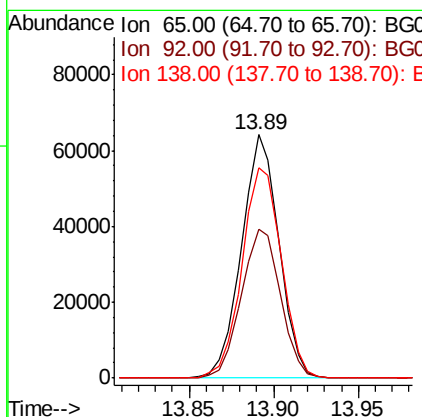
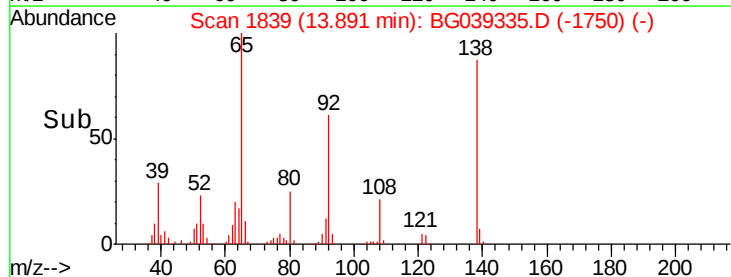
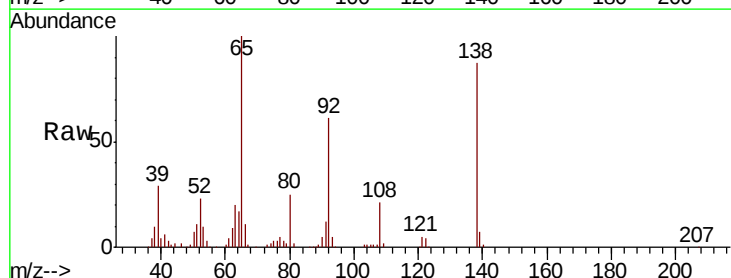
Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#48
2-Nitroaniline
Concen: 43.034 ng
RT: 13.89 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.0	51.4	77.2
138	86.6	71.4	107.2





#49

Acenaphthylene

Concen: 39.686 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

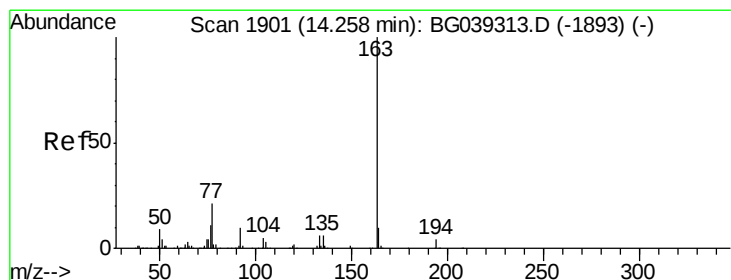
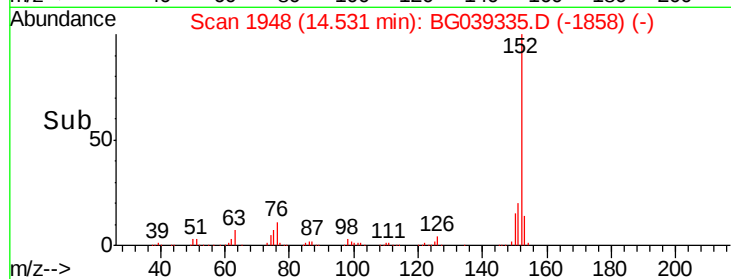
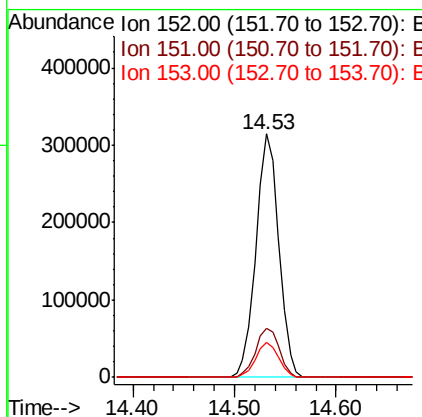
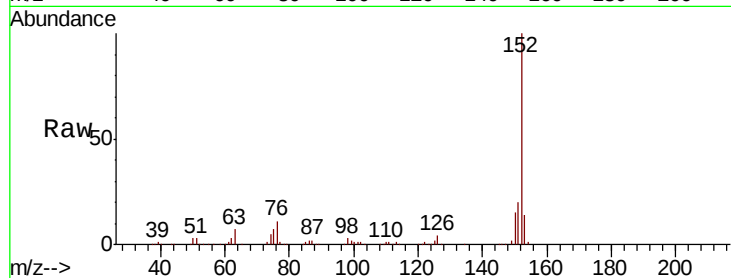
ClientSampleId :

PB116724BS

Tot Ion:	152	Resp:	492684
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.8	25.2
153	14.3	11.7	17.5

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#50

Dimethylphthalate

Concen: 38.101 ng

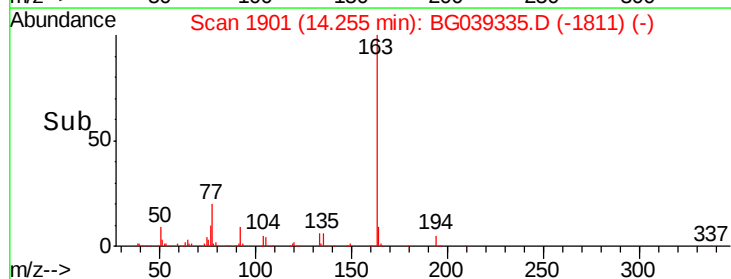
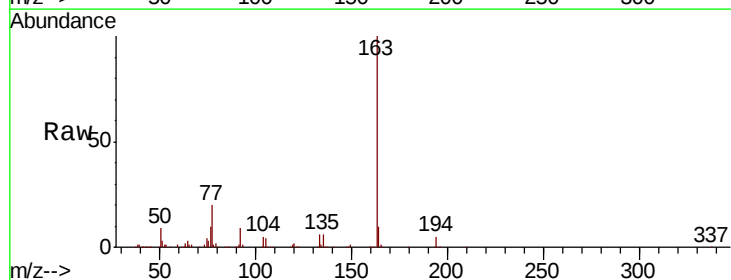
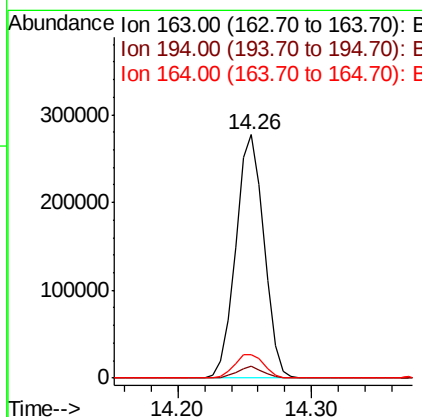
RT: 14.26 min Scan# 1901

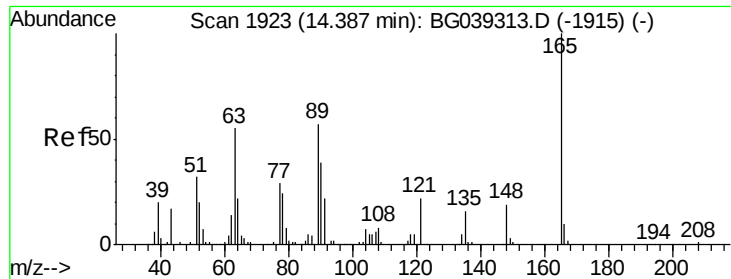
Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion:	163	Resp:	404481
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.6	5.4
164	9.5	8.4	12.6





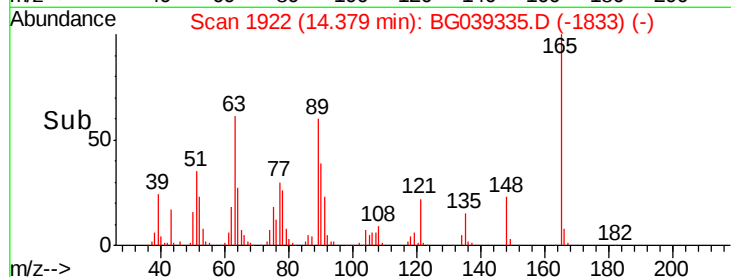
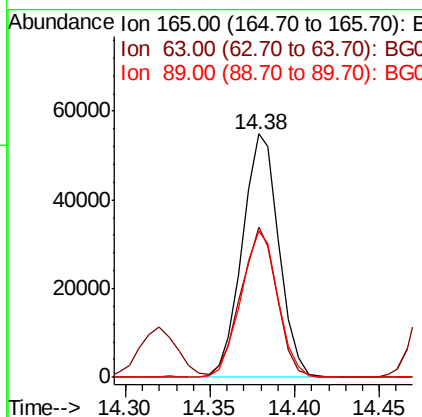
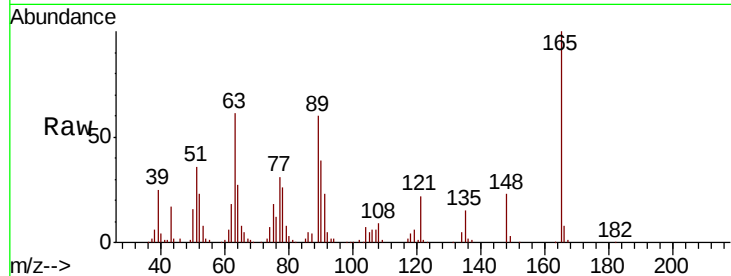
#51
 2,6-Dinitrotoluene
 Concen: 42.478 ng
 RT: 14.38 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Tot Ion:	165	Resp:	82547
Ion Ratio	Lower	Upper	
165	100		
63	61.5	47.0	70.6
89	60.0	45.8	68.8

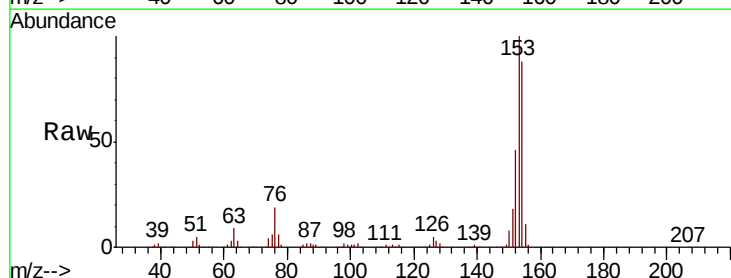
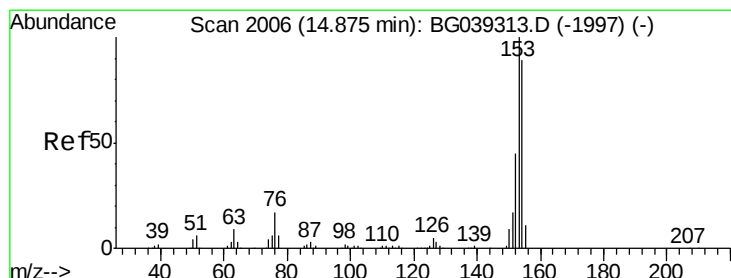
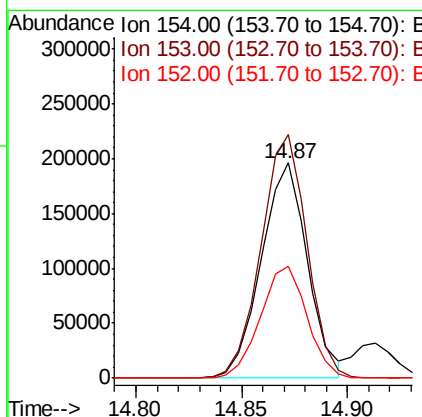
Manual Integrations
 APPROVED

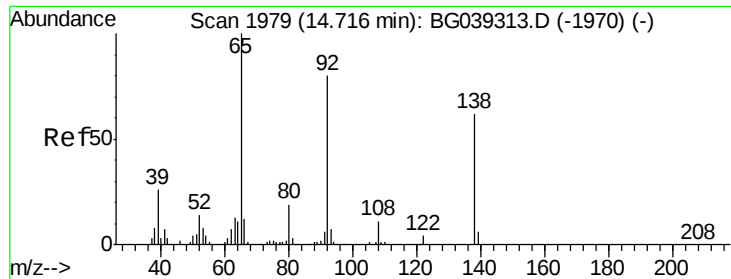
mohammad
 2/1/2019 12:05:41 AM



#52
 Acenaphthene
 Concen: 37.003 ng
 RT: 14.87 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion:	154	Resp:	298187
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.1	135.1
152	51.8	40.9	61.3





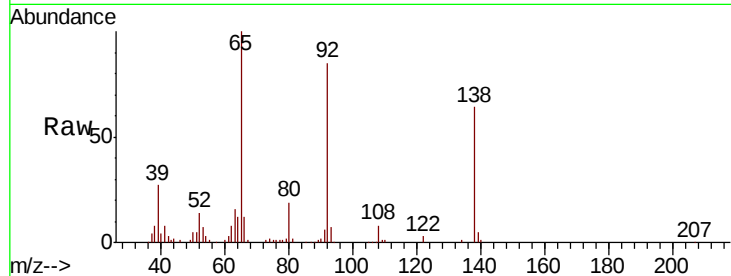
#53
3-Nitroaniline
Concen: 27.659 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	13.8	20.8#
92	132.4	103.7	155.5

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM

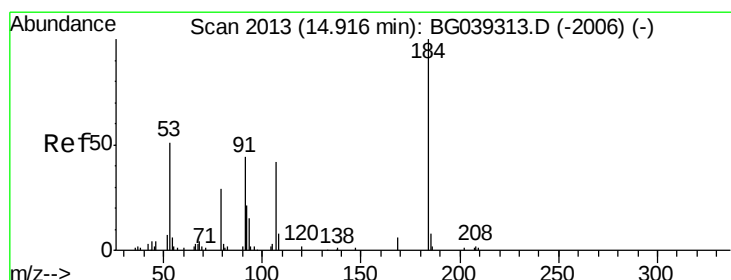
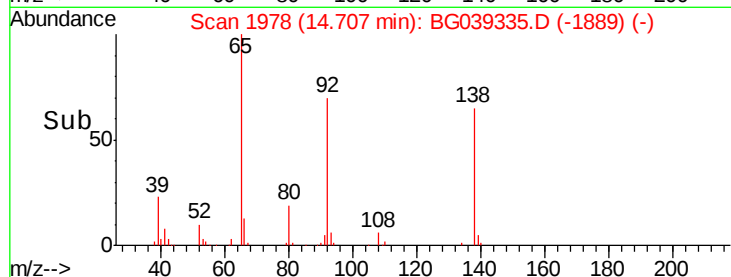
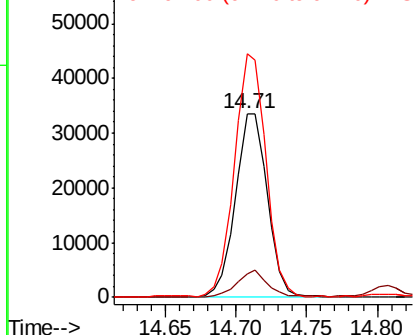


Abundance

Ion 138.00 (137.70 to 138.70): E

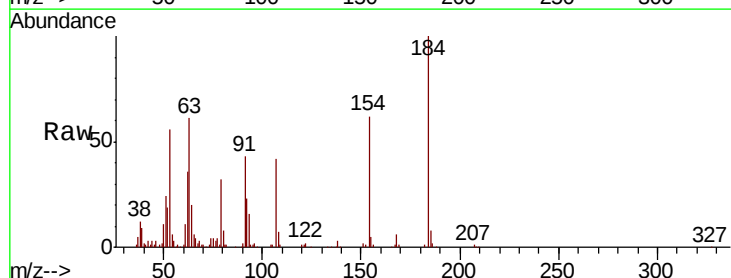
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 84.599 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.3	50.9	76.3
154	62.5	53.0	79.6

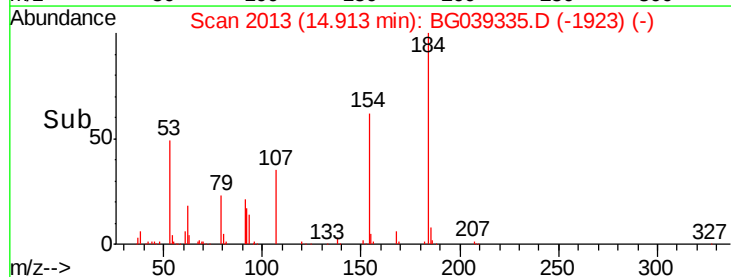
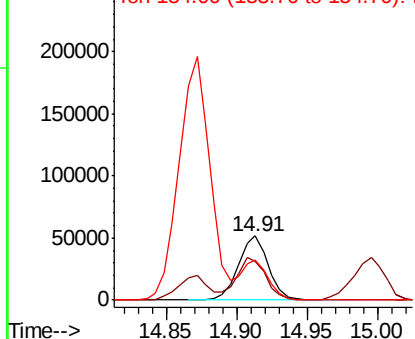


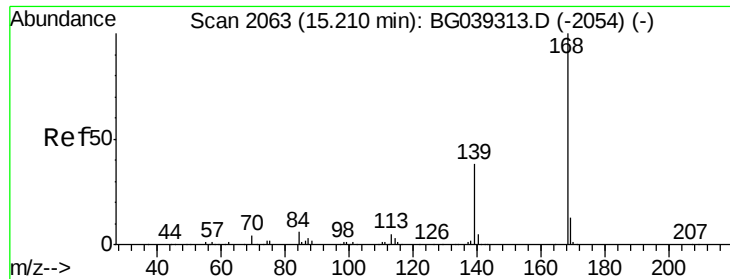
Abundance

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

Dibenzofuran

Concen: 37.882 ng

RT: 15.20 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

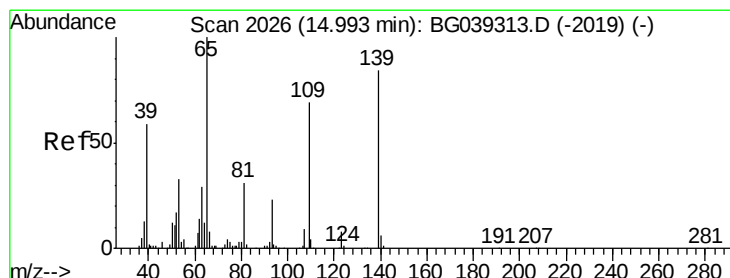
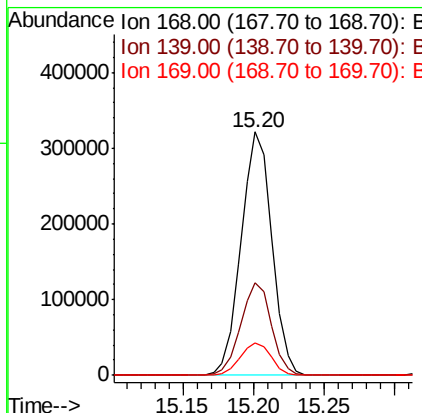
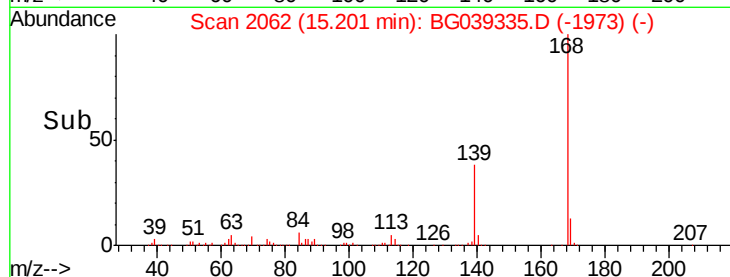
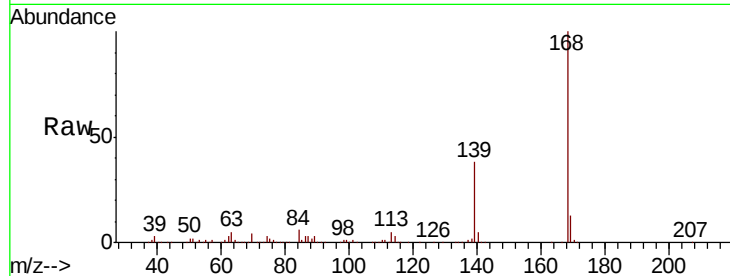
ClientSampleId :

PB116724BS

Tot Ion:	168	Resp:	489447
Ion Ratio	Lower	Upper	
168	100		
139	38.3	30.1	45.1
169	13.1	10.6	16.0

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#56

4-Nitrophenol

Concen: 82.627 ng

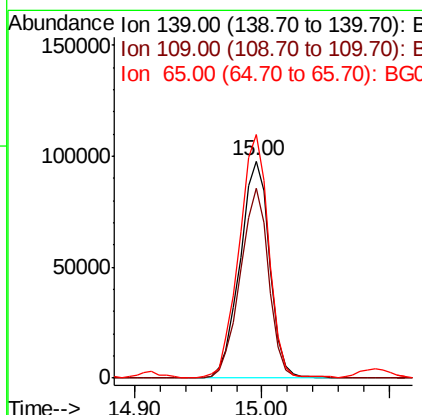
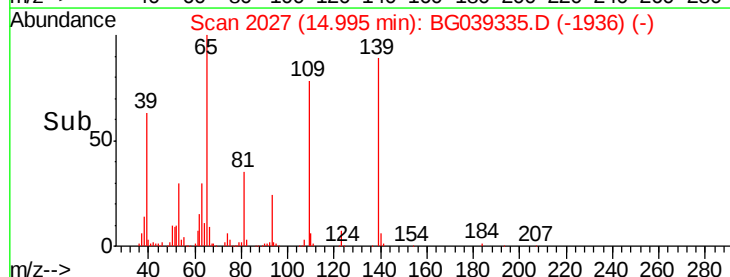
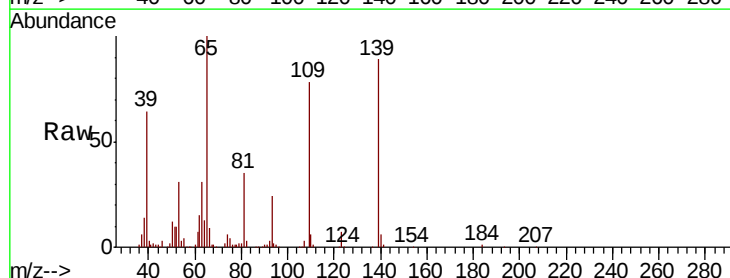
RT: 15.00 min Scan# 2027

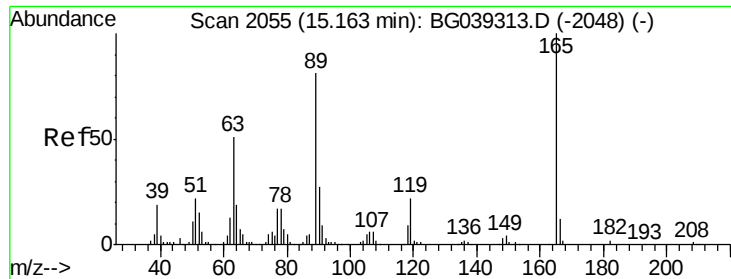
Delta R.T. 0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion:	139	Resp:	158994
Ion Ratio	Lower	Upper	
139	100		
109	87.4	61.9	101.9
65	112.2	99.1	139.1





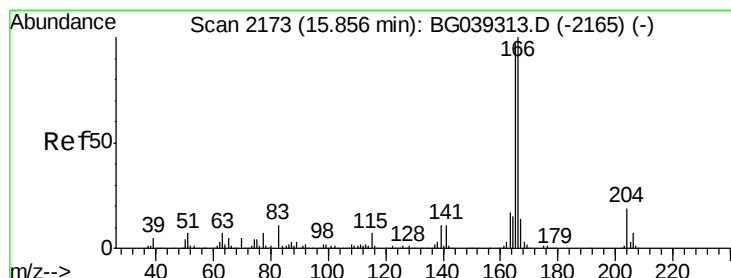
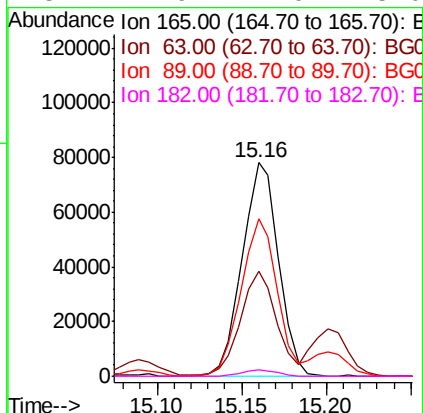
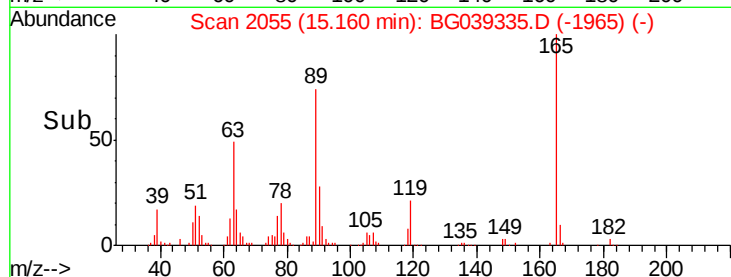
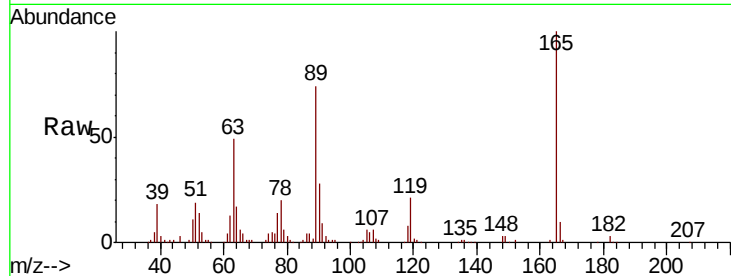
#57
2,4-Dinitrotoluene
Concen: 46.323 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	116899		
63	49.0		41.0	61.6
89	73.6		64.6	96.8
182	2.9		2.0	3.0

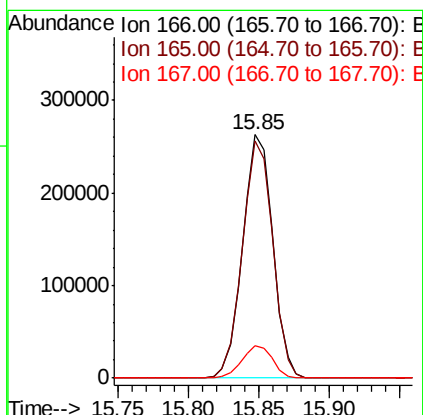
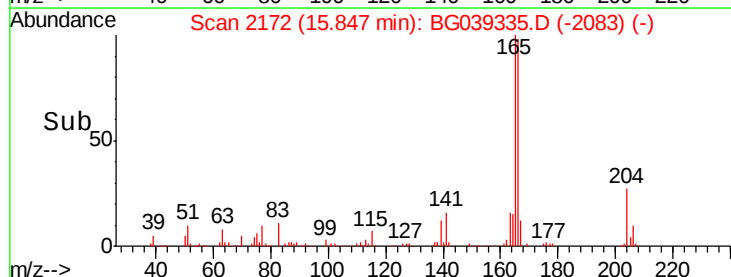
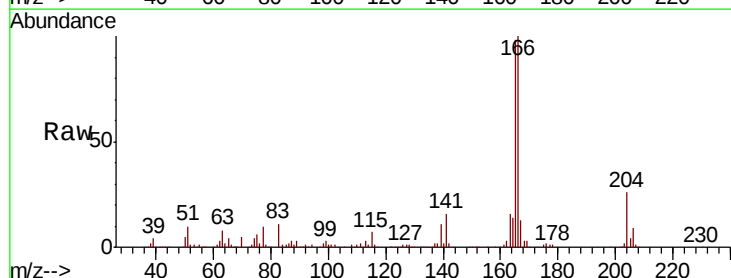
Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#58
Fluorene
Concen: 40.936 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	394285		
165	97.6		77.9	116.9
167	13.5		10.8	16.2





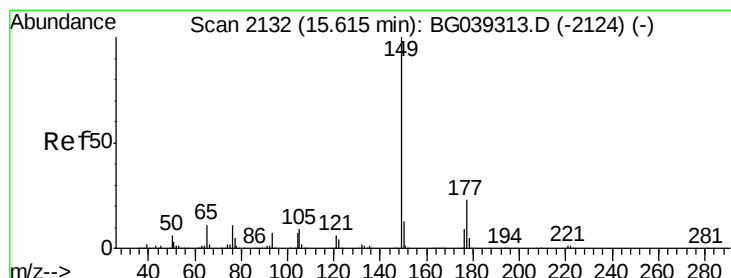
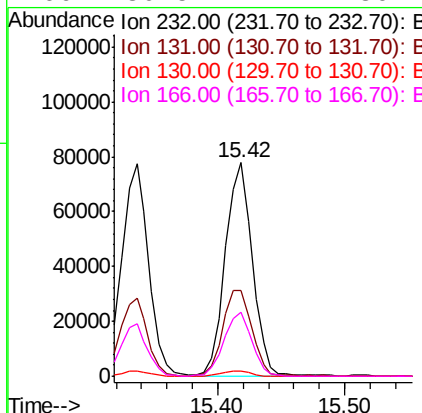
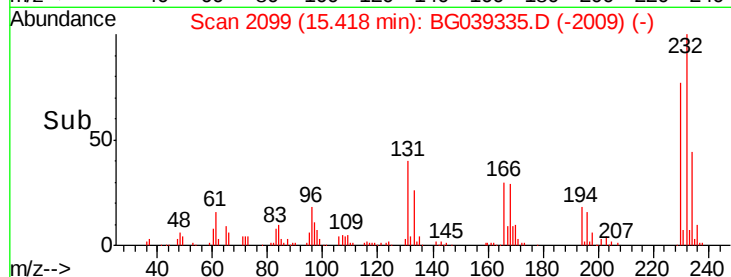
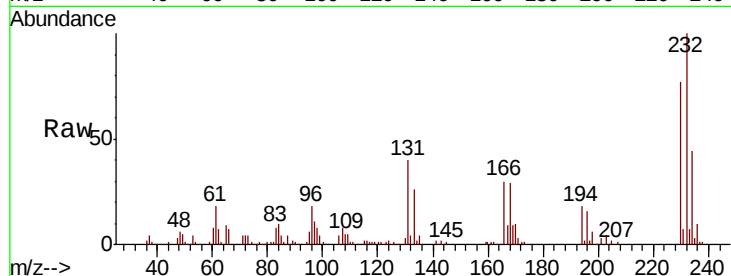
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.841 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	115678		
131	43.2		34.9	52.3
130	2.7		2.0	3.0
166	30.5		24.1	36.1

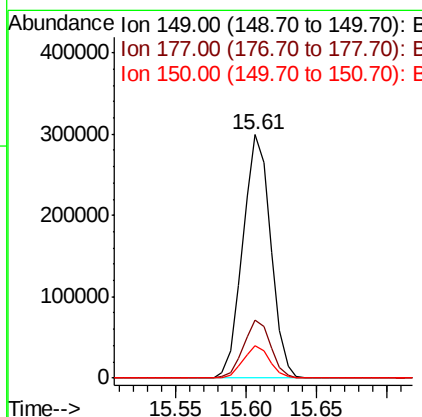
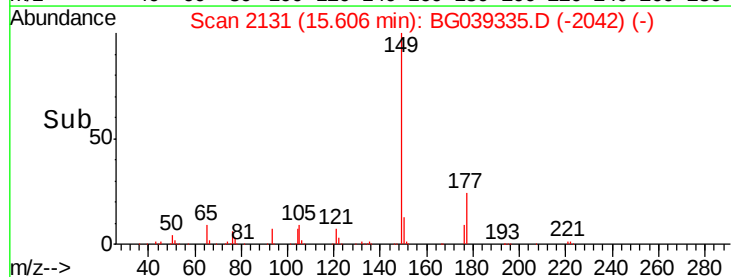
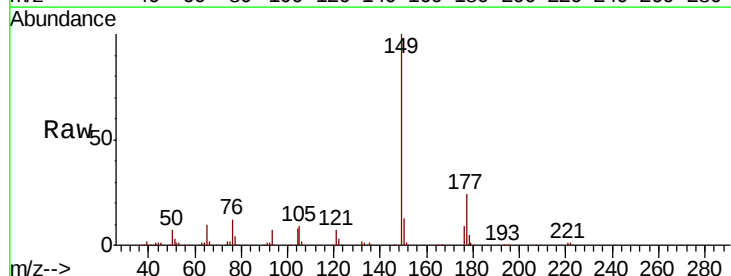
Manual Integrations
 APPROVED

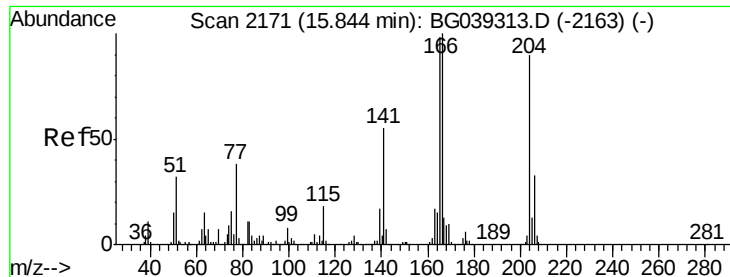
mohammad
 2/1/2019 12:05:41 AM



#60
 Diethylphthalate
 Concen: 37.748 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	414332		
177	23.9		18.3	27.5
150	13.1		10.2	15.2





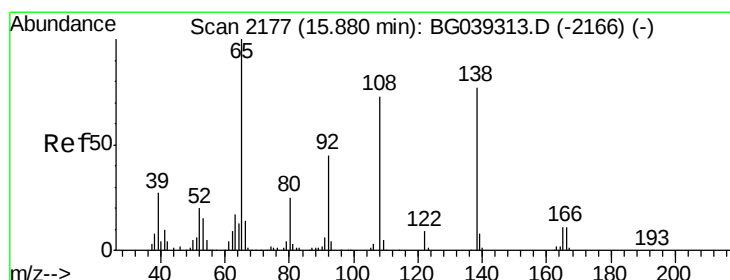
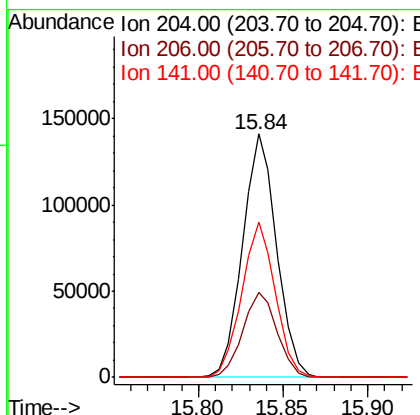
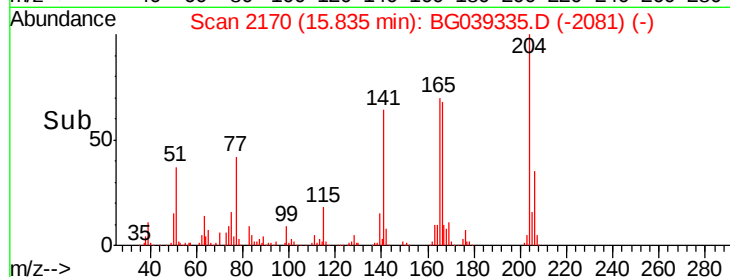
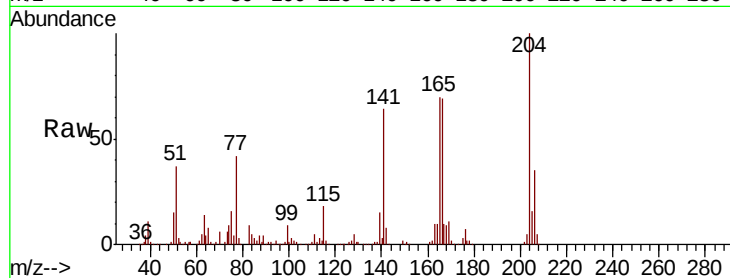
#61
4-Chlorophenyl-phenylether
Concen: 36.092 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	196837		
206	34.7	29.2	43.8	
141	64.0	49.0	73.4	

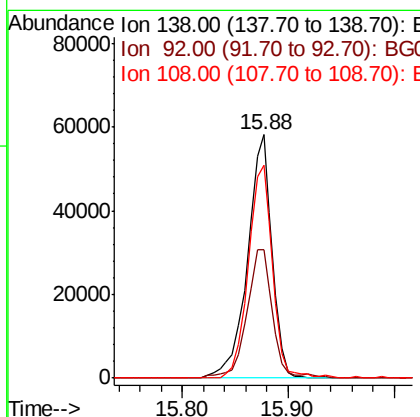
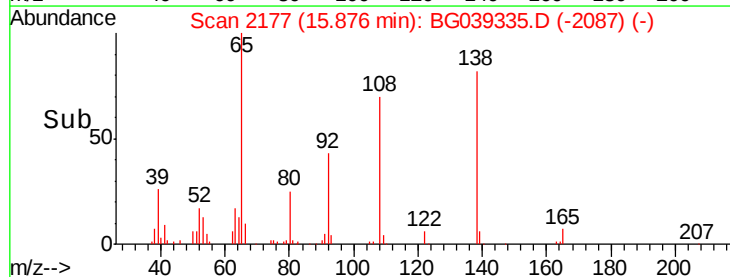
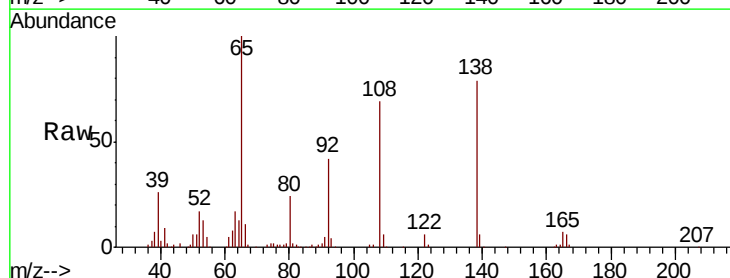
Manual Integrations
APPROVED

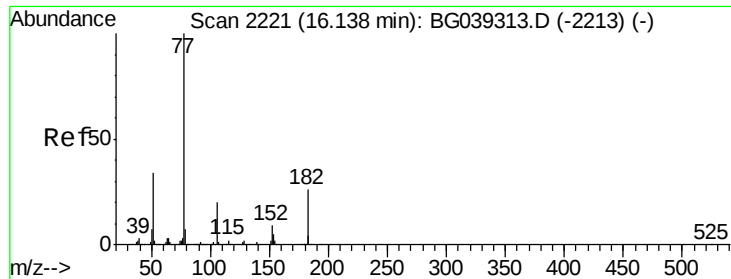
mohammad
2/1/2019 12:05:41 AM



#62
4-Nitroaniline
Concen: 42.582 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	93637		
92	52.9	38.7	78.7	
108	87.4	74.6	114.6	





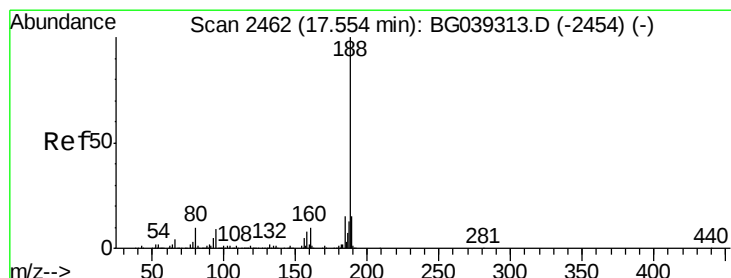
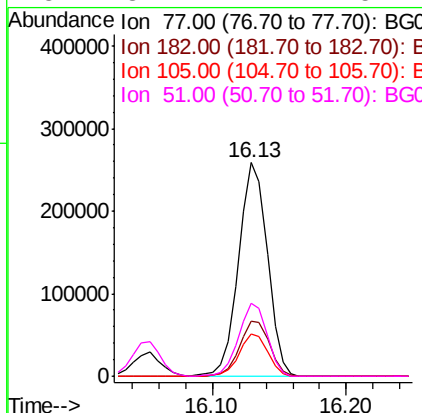
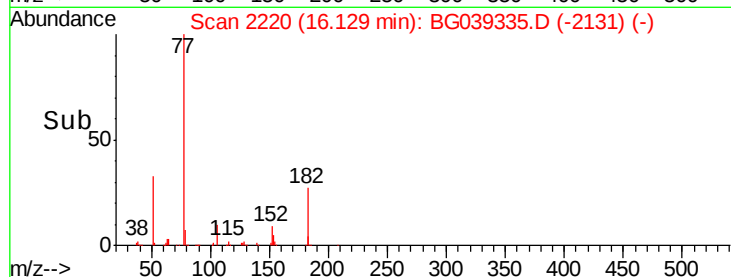
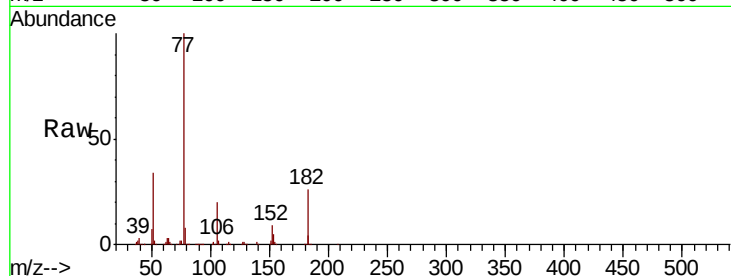
#63
Azobenzene
Concen: 36.040 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.9	6.4	46.4
105	19.8	0.0	39.8
51	34.4	14.1	54.1

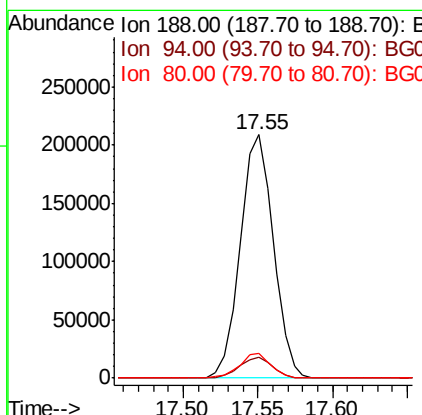
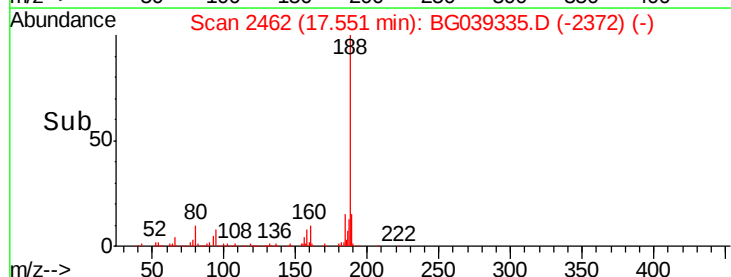
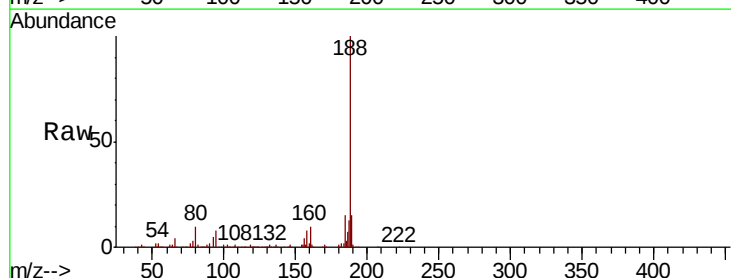
Manual Integrations
APPROVED

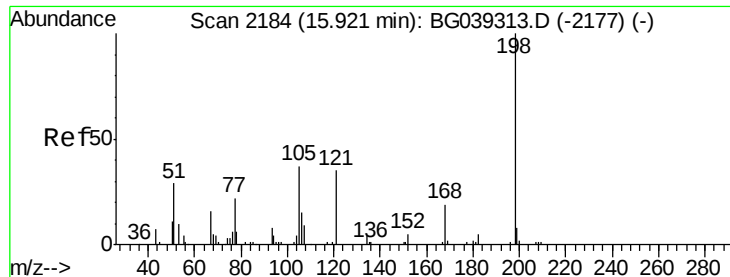
mohammad
2/1/2019 12:05:41 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	10.0	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 48.305 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

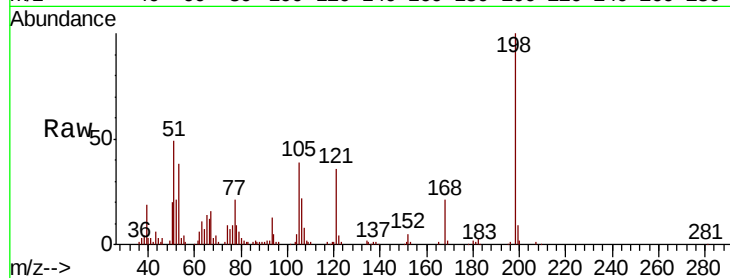
ClientSampleId :

PB116724BS

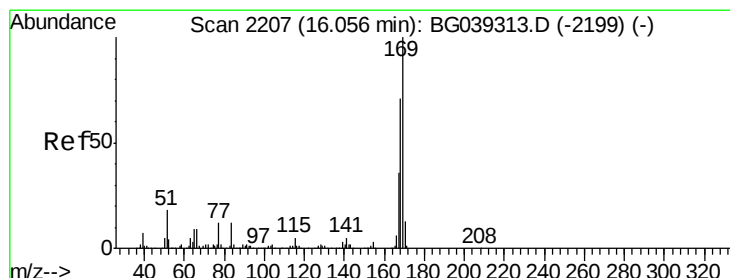
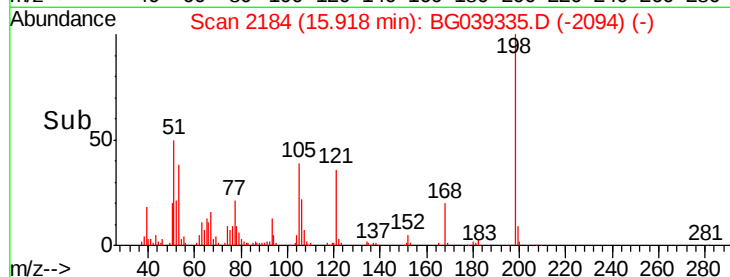
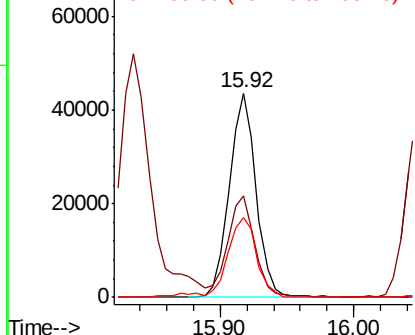
Tot Ion:	198	Resp:	61057
Ion Ratio	Lower	Upper	
198	100		
51	49.5	27.4	67.4
105	39.0	19.7	59.7

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 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: 36.740 ng

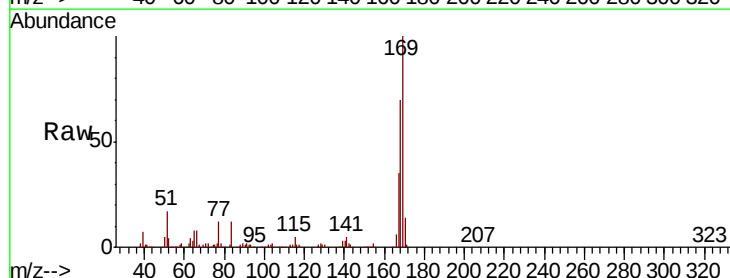
RT: 16.05 min Scan# 2207

Delta R.T. -0.00 min

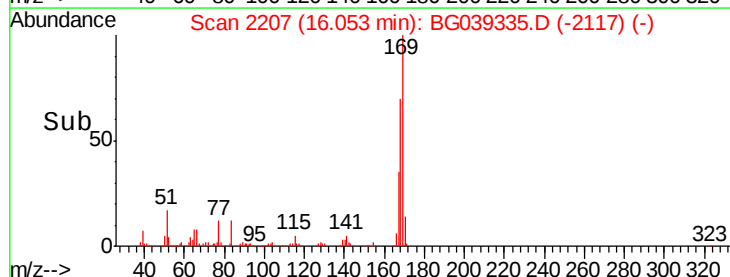
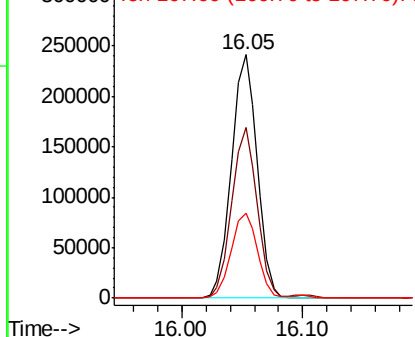
Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion:	169	Resp:	357503
Ion Ratio	Lower	Upper	
169	100		
168	69.9	56.6	85.0
167	35.0	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





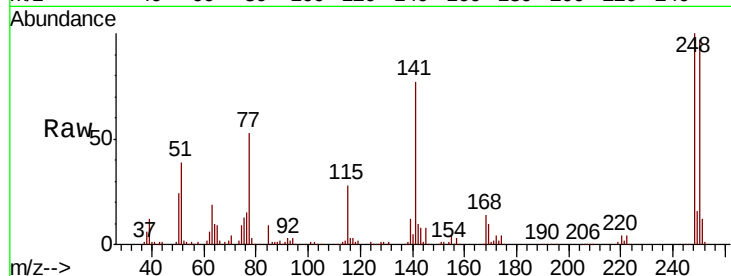
#67
 4-Bromophenyl-phenylether
 Concen: 36.946 ng
 RT: 16.73 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.6	116.4
141	77.4	63.9	95.9

Manual Integrations
 APPROVED

mohammad
 2/1/2019 12:05:41 AM

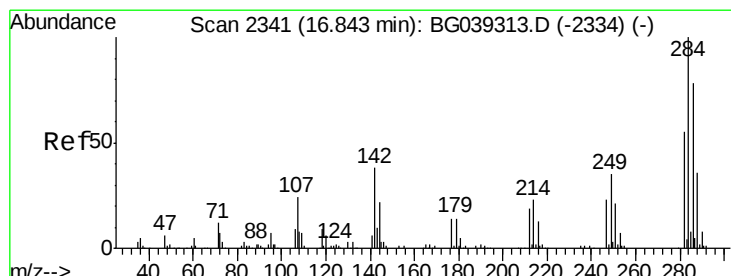
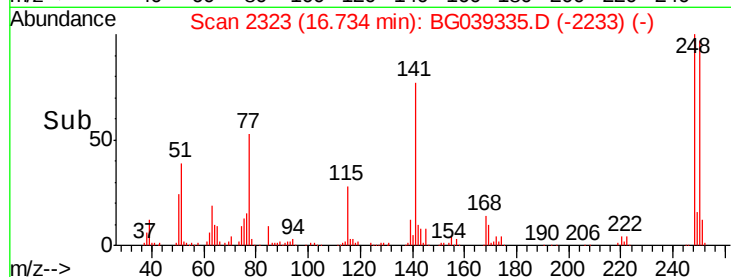
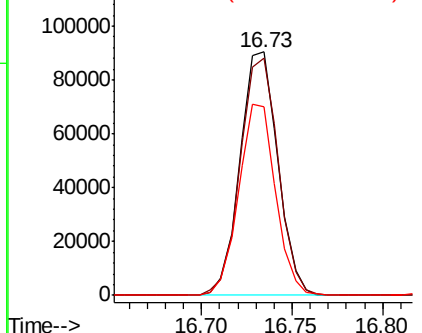


Abundance

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: 37.845 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

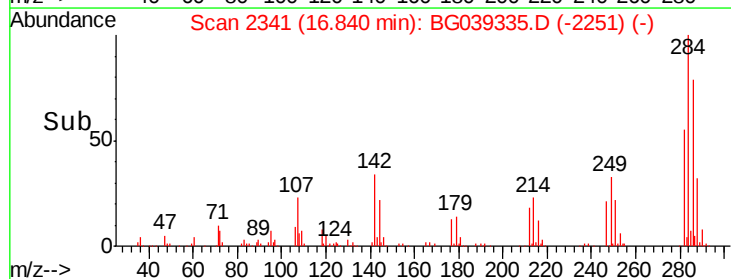
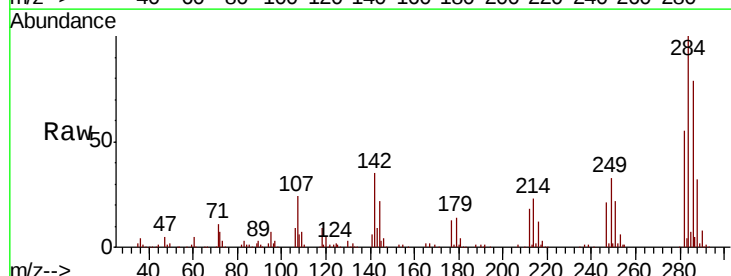
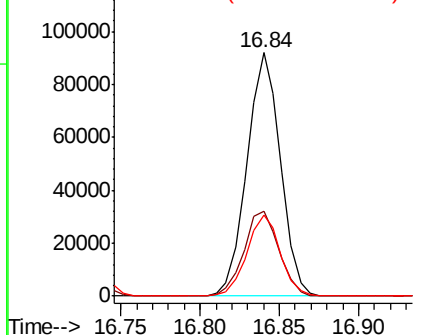
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	30.6	45.8
249	33.5	28.2	42.2

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





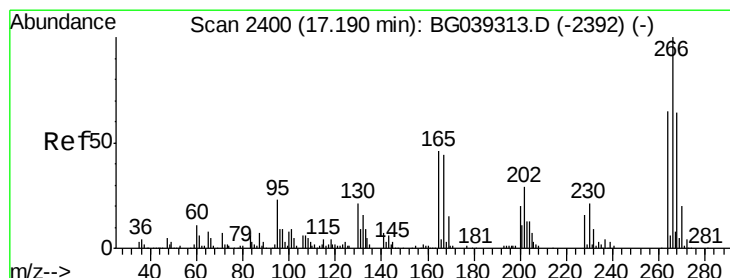
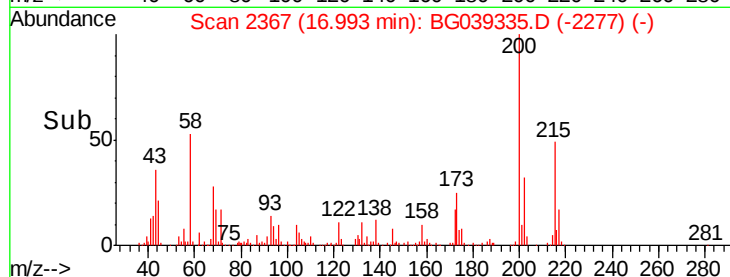
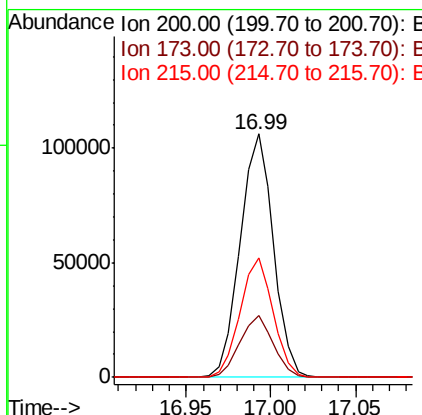
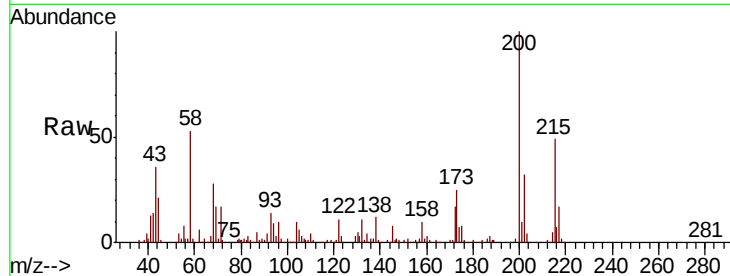
#69
 Atrazine
 Concen: 40.892 ng
 RT: 16.99 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Tot Ion:	200	Resp:	145408
Ion Ratio		Lower	Upper
200	100		
173	25.3	3.9	43.9
215	48.9	30.9	70.9

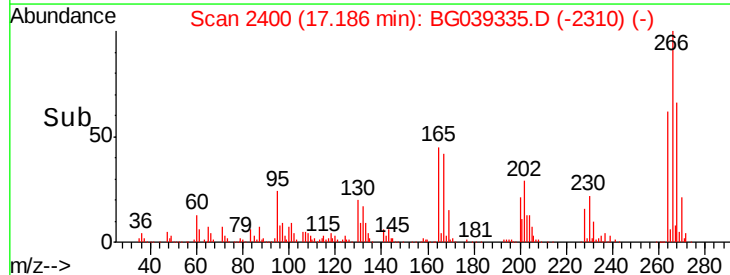
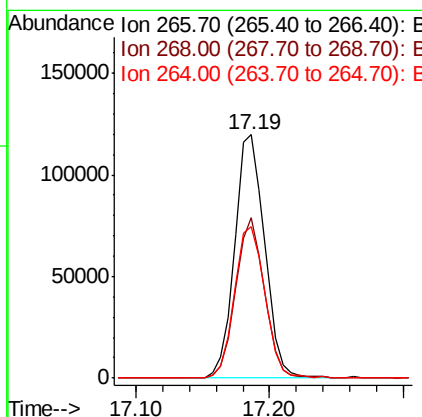
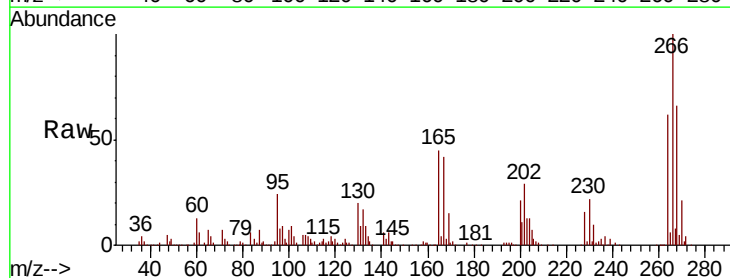
Manual Integrations
 APPROVED

mohammad
 2/1/2019 12:05:41 AM



#70
 Pentachlorophenol
 Concen: 75.352 ng
 RT: 17.19 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion:	266	Resp:	186541
Ion Ratio		Lower	Upper
266	100		
268	65.8	51.1	76.7
264	62.3	52.1	78.1





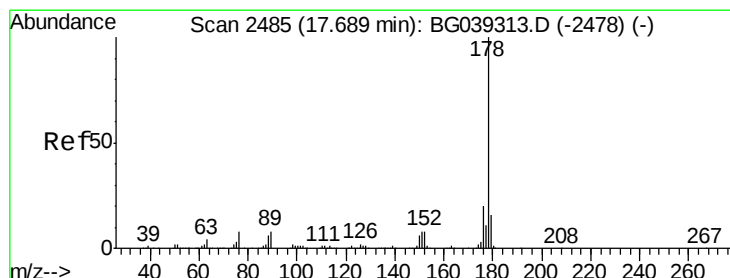
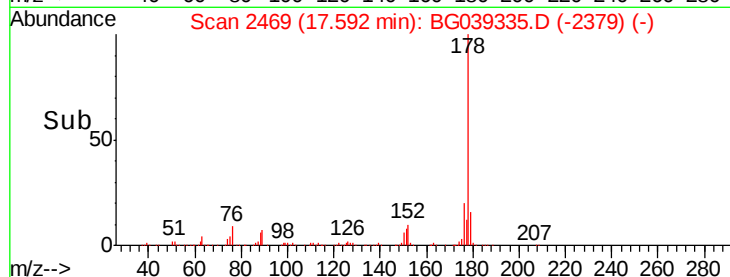
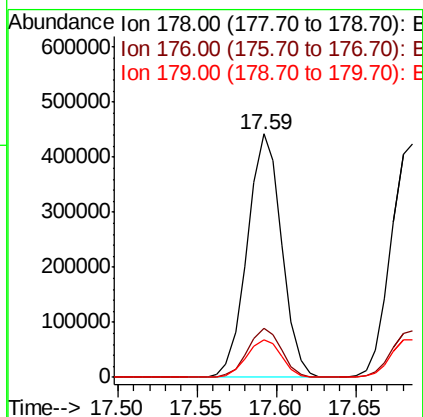
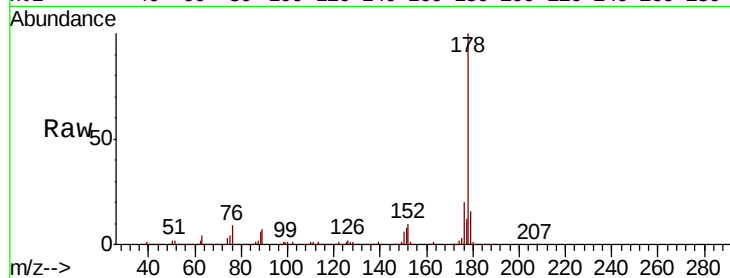
#71
Phenanthrene
Concen: 40.148 ng
RT: 17.59 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.7	12.6	19.0

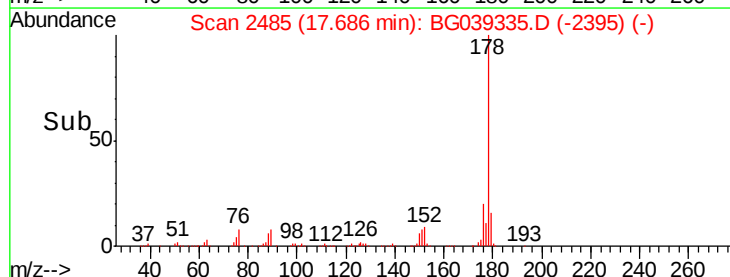
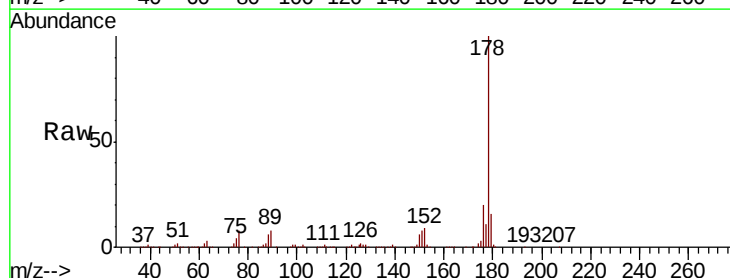
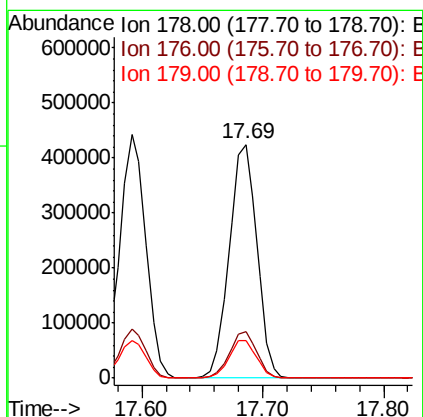
Manual Integrations
APPROVED

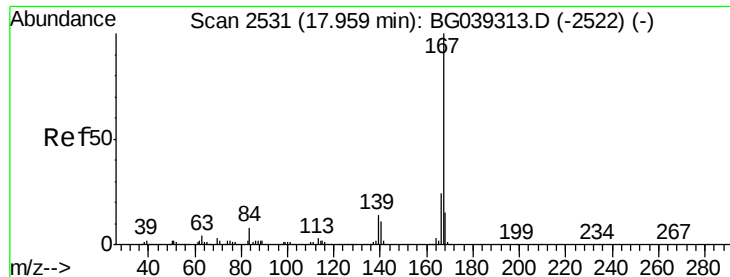
mohammad
2/1/2019 12:05:41 AM



#72
Anthracene
Concen: 41.458 ng
RT: 17.69 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.2	12.5	18.7





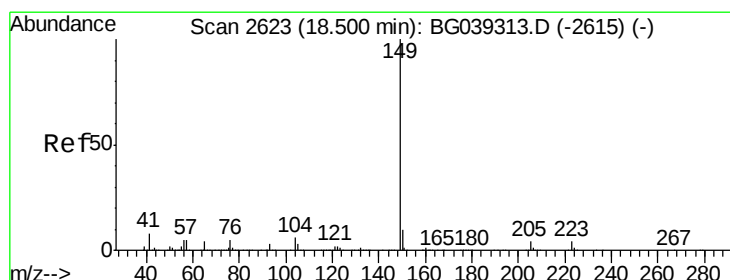
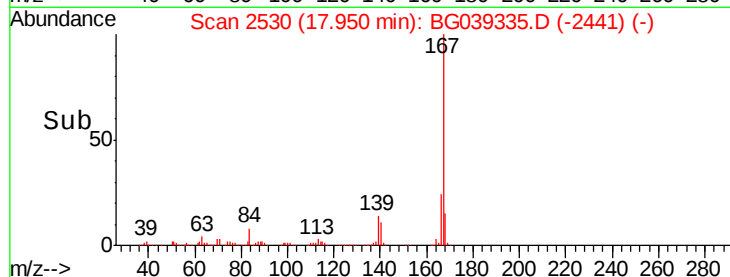
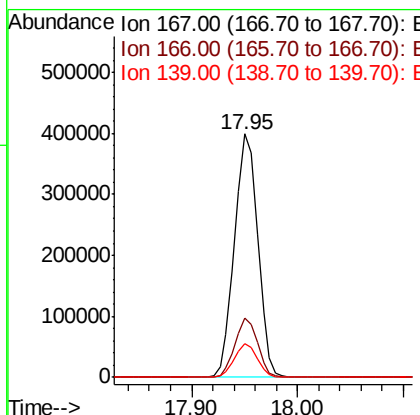
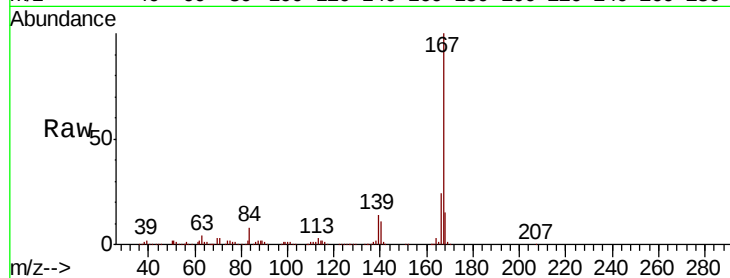
#73
 Carbazole
 Concen: 37.224 ng
 RT: 17.95 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.4	29.2
139	13.8	10.8	16.2

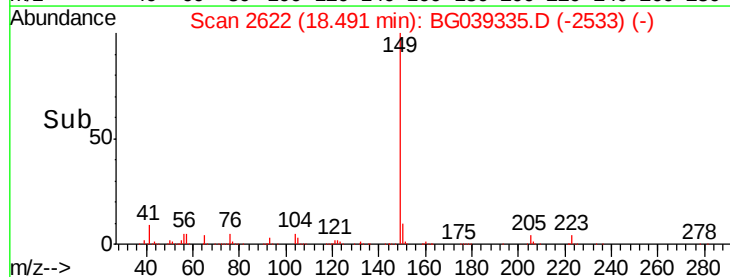
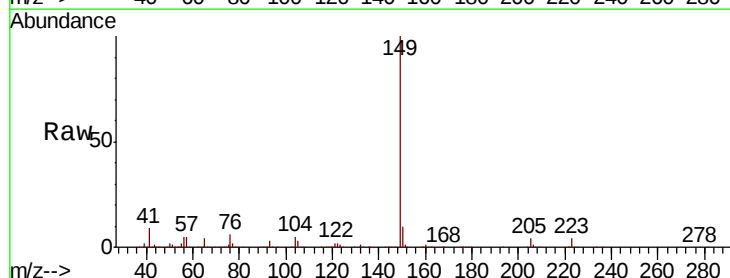
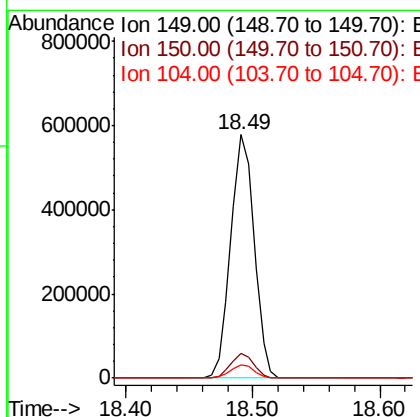
Manual Integrations
 APPROVED

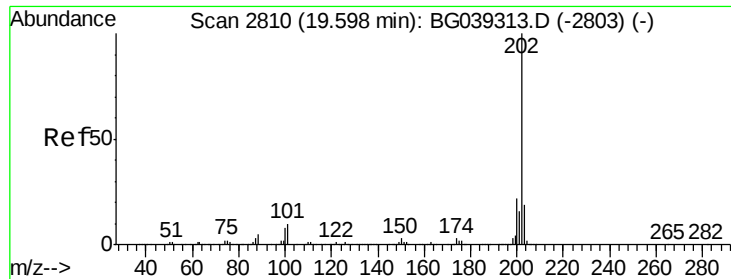
mohammad
 2/1/2019 12:05:41 AM



#74
 Di-n-butylphthalate
 Concen: 38.919 ng
 RT: 18.49 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 42.671 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

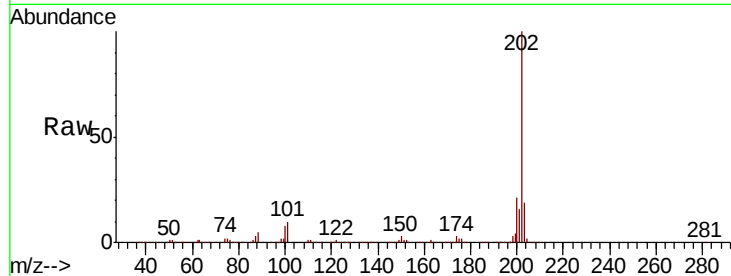
ClientSampleId :

PB116724BS

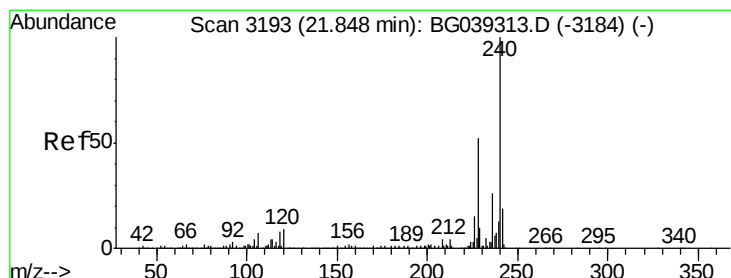
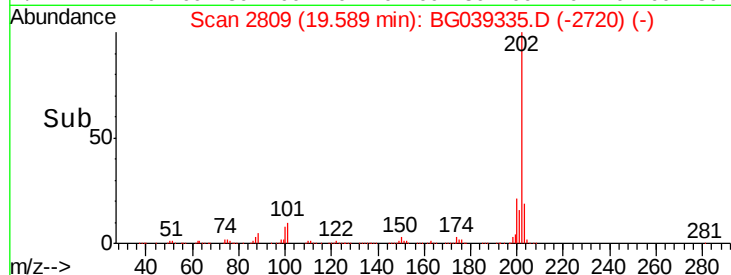
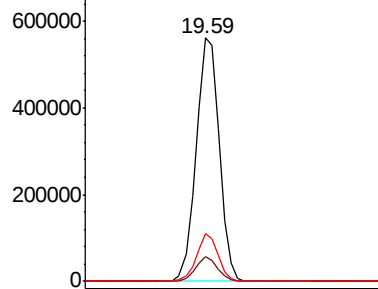
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	0.0	30.0
203	19.4	0.0	38.9

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 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: 21.84 min Scan# 3193

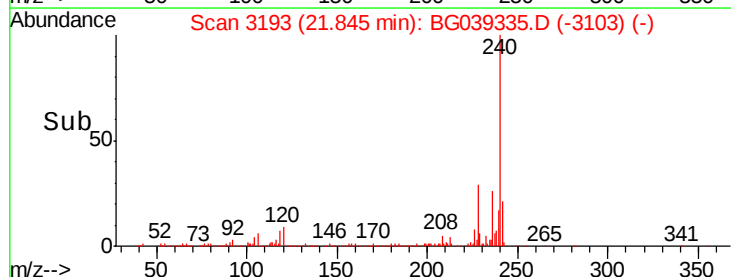
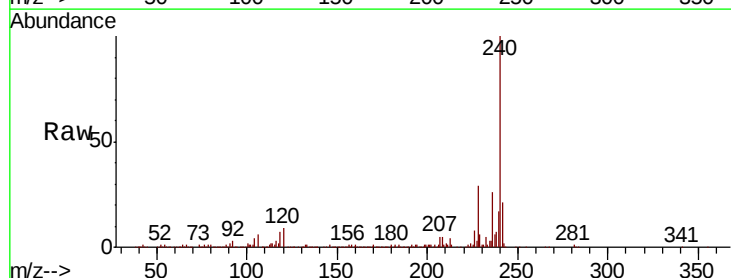
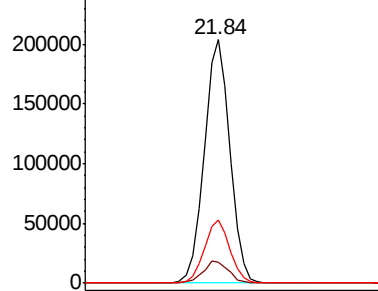
Delta R.T. -0.00 min

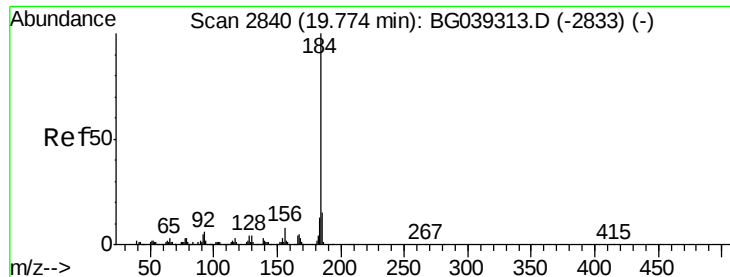
Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.6	7.0	10.6
236	26.1	21.0	31.4

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





#77

Benzidine

Concen: 25.867 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

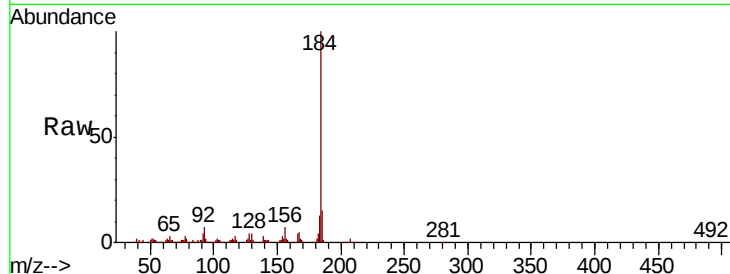
ClientSampleId :

PB116724BS

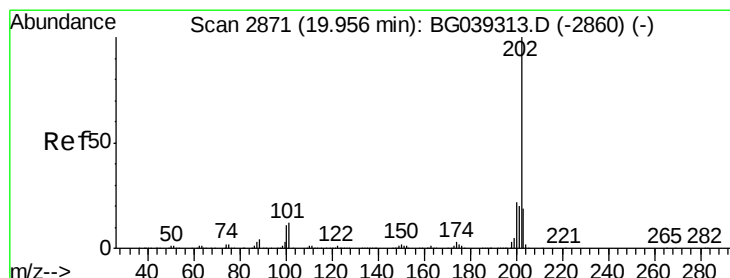
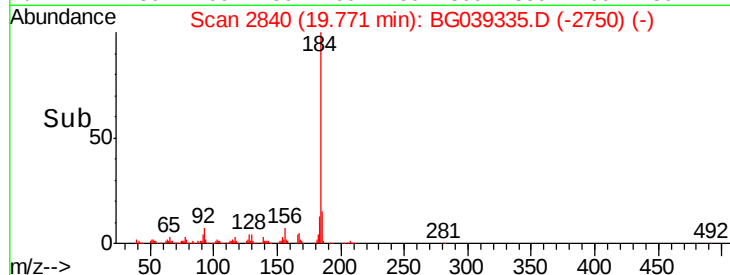
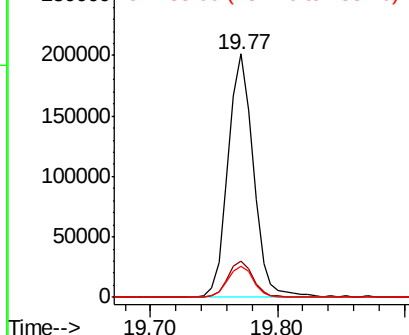
Tot Ion:	184	Resp:	280089
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.2
183	12.9	10.6	15.8

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.800 ng

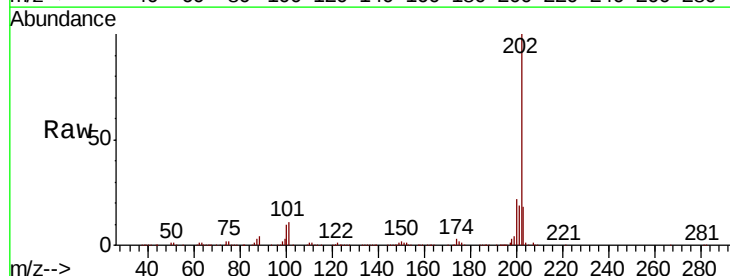
RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

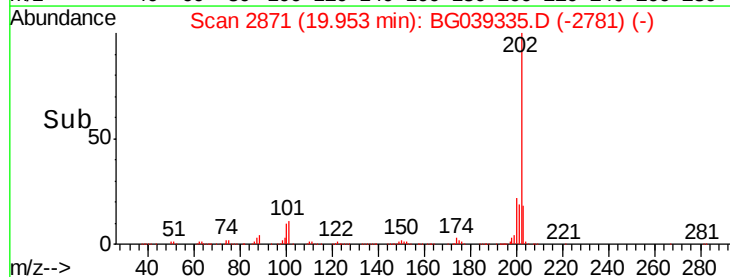
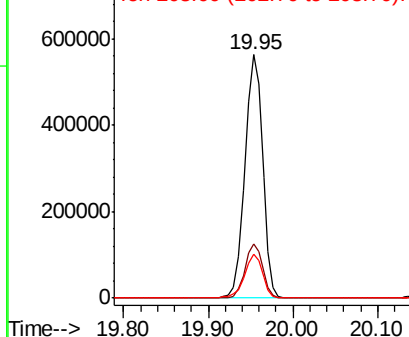
Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion:	202	Resp:	818289
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.8	26.8
203	18.2	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.830 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

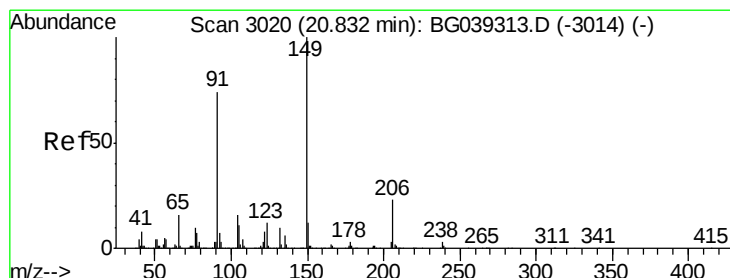
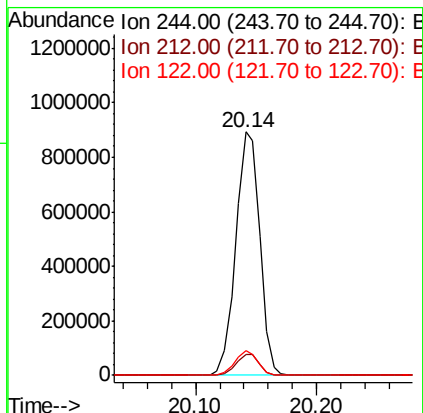
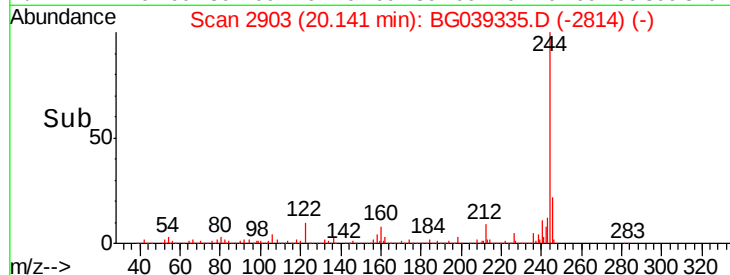
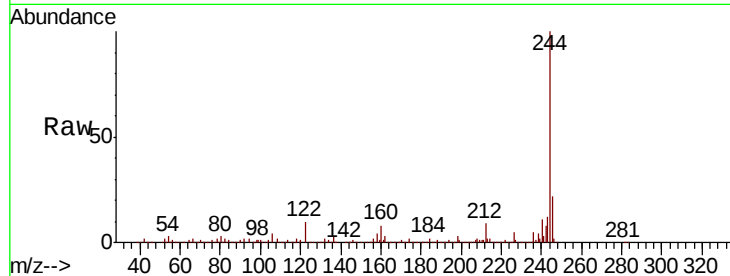
ClientSampleId :

PB116724BS

Tot Ion:	244	Resp:	1230002
Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.3	10.9
122	10.0	8.4	12.6

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#80

Butylbenzylphthalate

Concen: 39.513 ng

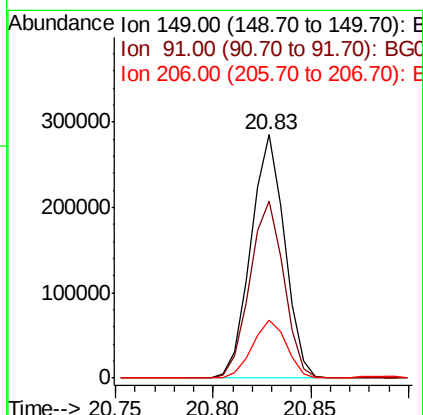
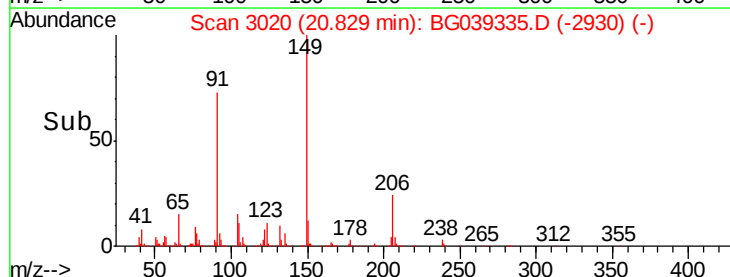
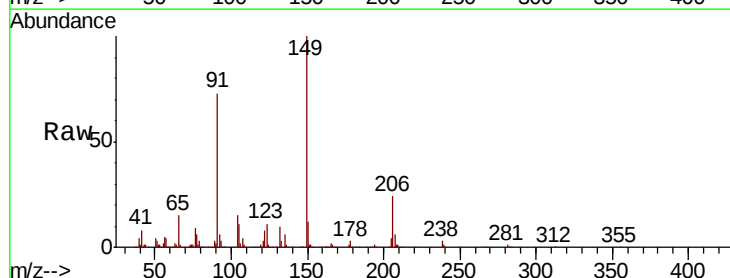
RT: 20.83 min Scan# 3020

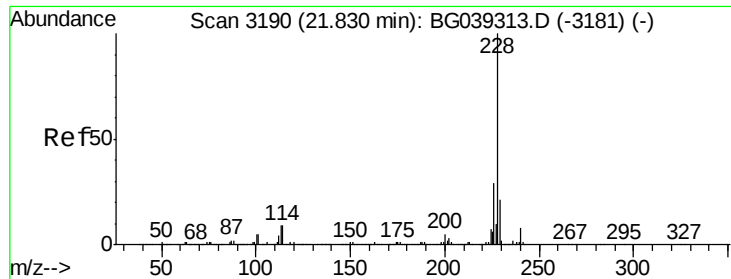
Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion:	149	Resp:	342702
Ion	Ratio	Lower	Upper
149	100		
91	73.0	59.5	89.3
206	24.0	18.6	27.8





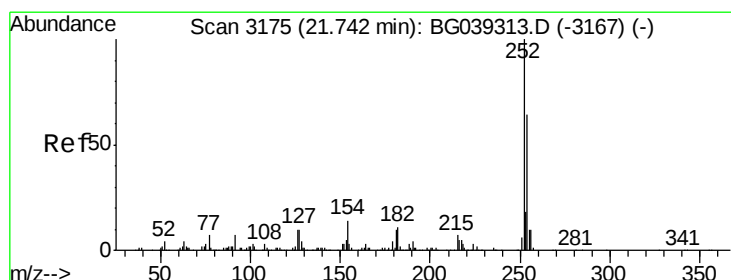
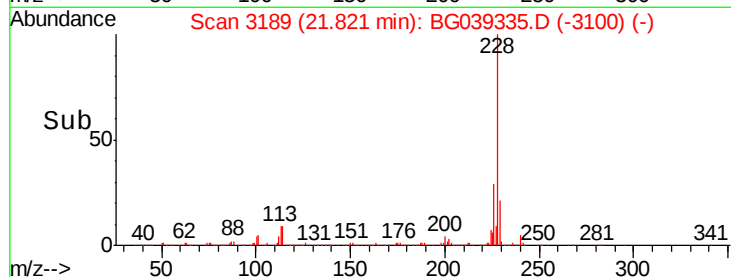
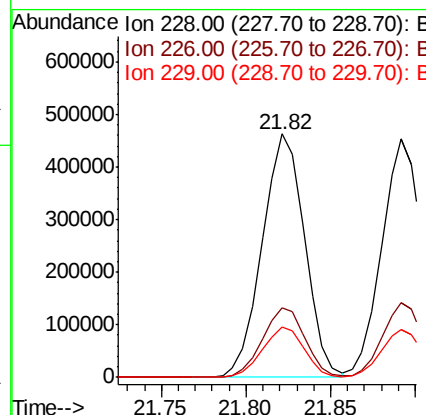
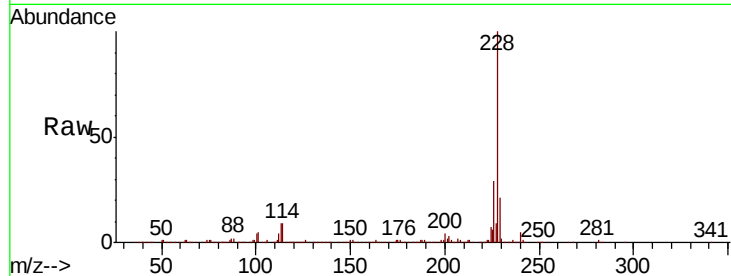
#81
Benzo(a)anthracene
Concen: 41.171 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.6
229	20.8	16.9	25.3

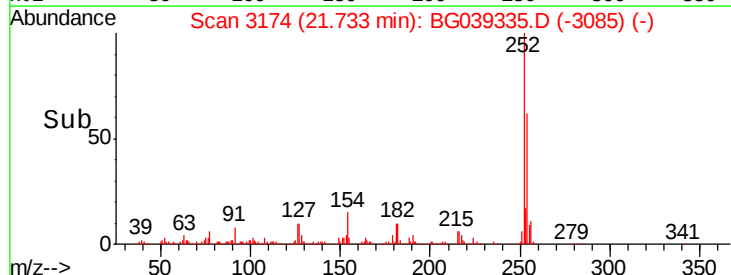
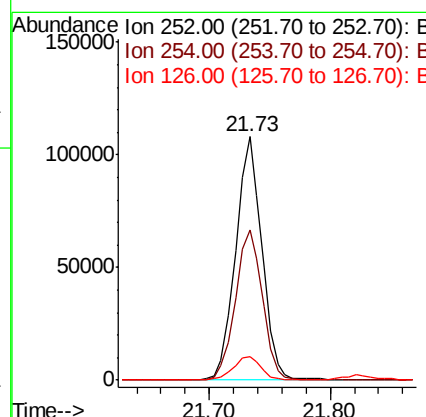
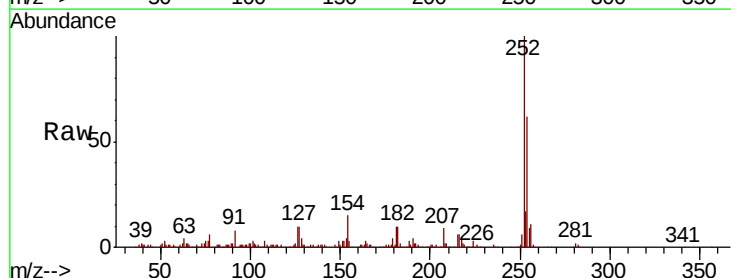
Manual Integrations
APPROVED

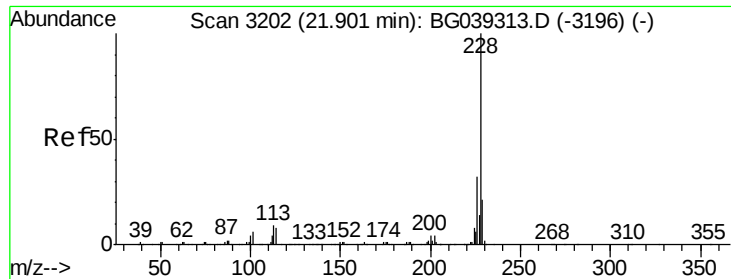
mohammad
2/1/2019 12:05:41 AM



#82
3,3'-Dichlorobenzidine
Concen: 22.542 ng
RT: 21.73 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.8	51.3	76.9
126	9.7	8.0	12.0





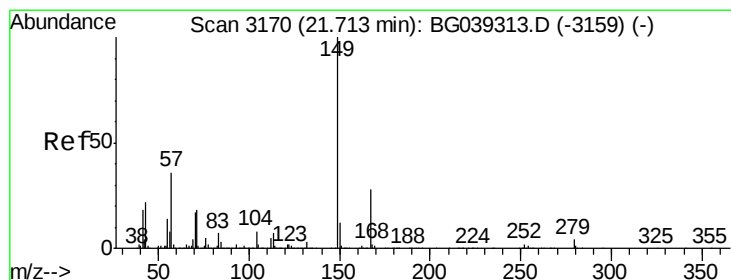
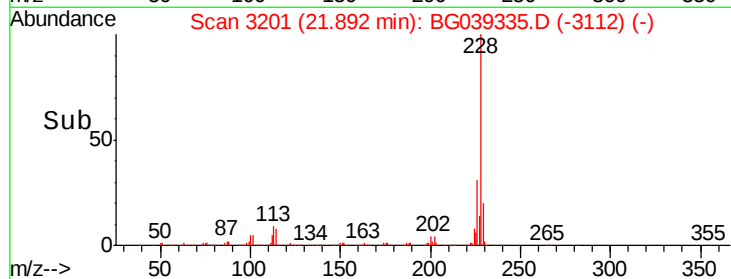
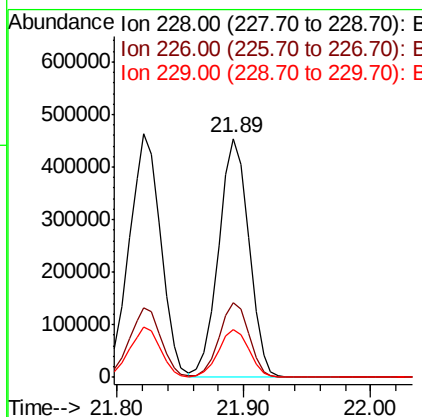
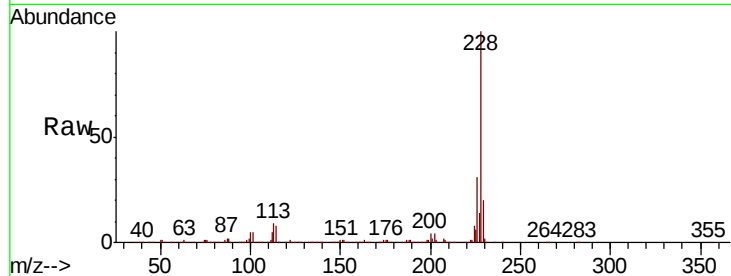
#83
 Chrysene
 Concen: 40.492 ng
 RT: 21.89 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.8	38.6
229	20.0	16.6	25.0

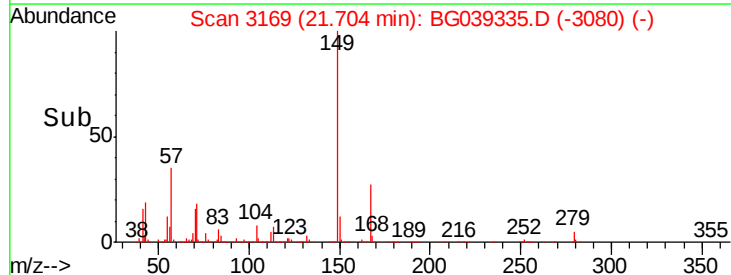
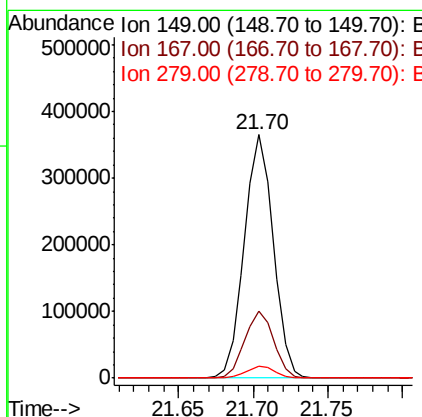
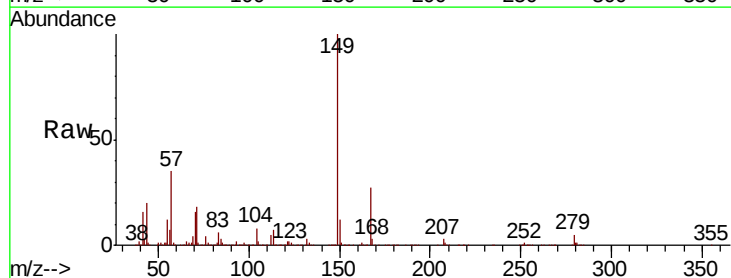
Manual Integrations
 APPROVED

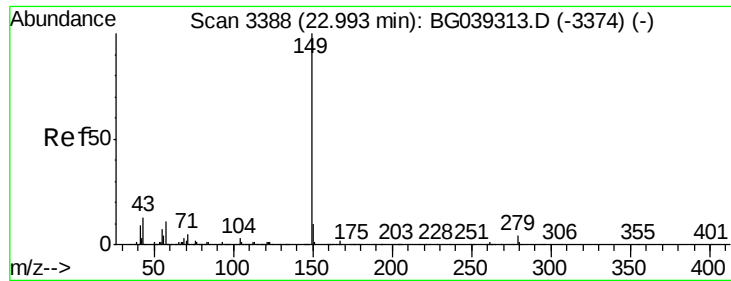
mohammad
 2/1/2019 12:05:41 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.573 ng
 RT: 21.70 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.6	34.0
279	4.9	3.5	5.3





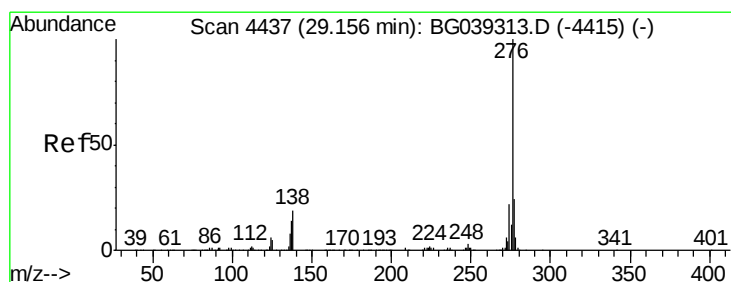
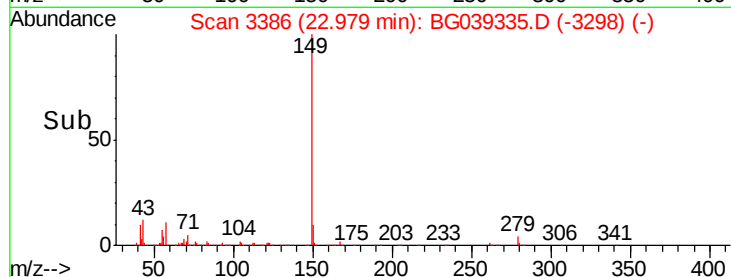
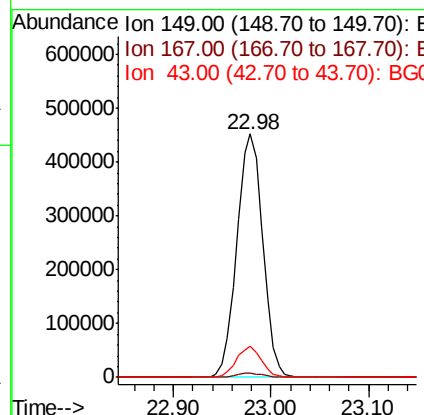
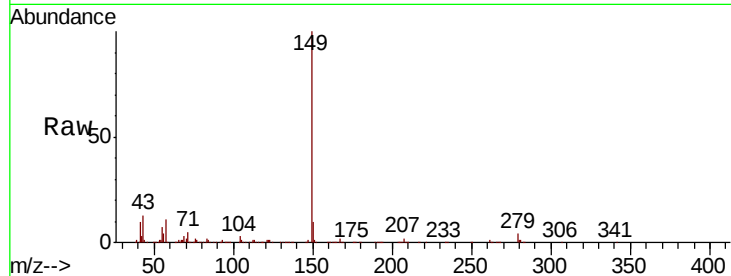
#85
Di-n-octyl phthalate
Concen: 40.500 ng
RT: 22.98 min Scan# 3386
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	827908		
167	1.7		1.3	1.9
43	12.2		10.2	15.4

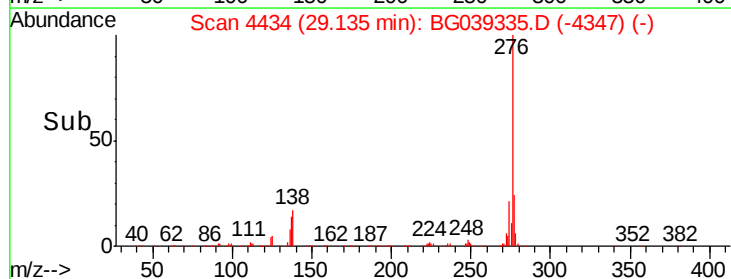
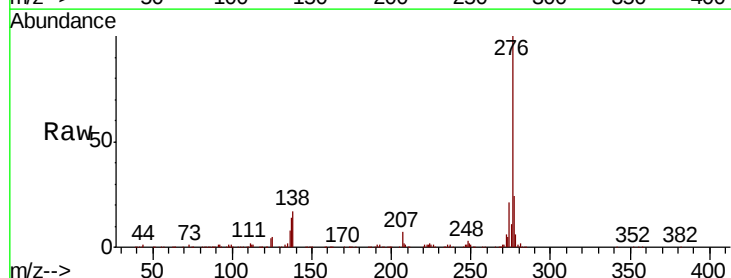
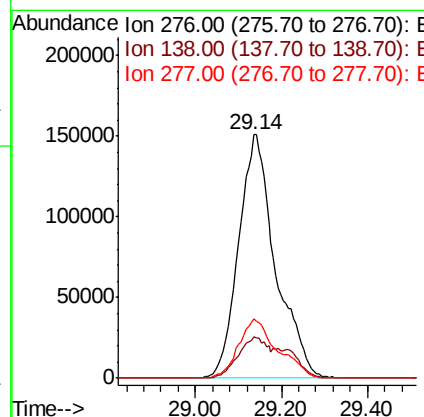
Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.192 ng
RT: 29.14 min Scan# 4434
Delta R.T. -0.02 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	900779		
138	13.4		12.6	19.0
277	25.6		20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.23 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

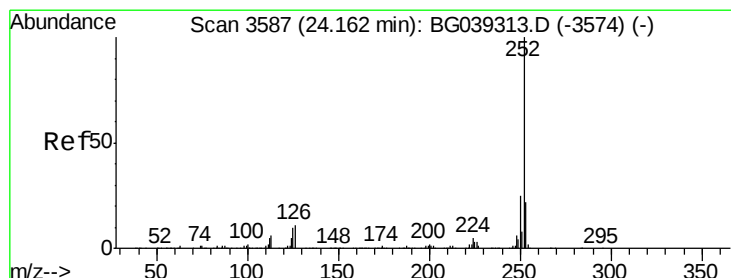
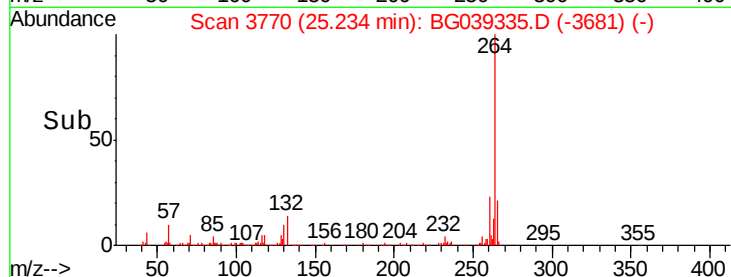
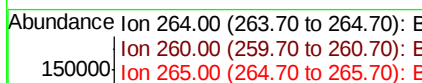
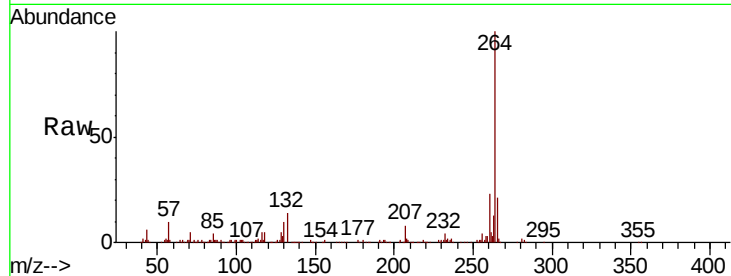
ClientSampleId :

PB116724BS

Tot Ion:	264	Resp:	343477
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.2	27.4
265	21.5	18.5	27.7

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#88

Benzo(b)fluoranthene

Concen: 41.793 ng

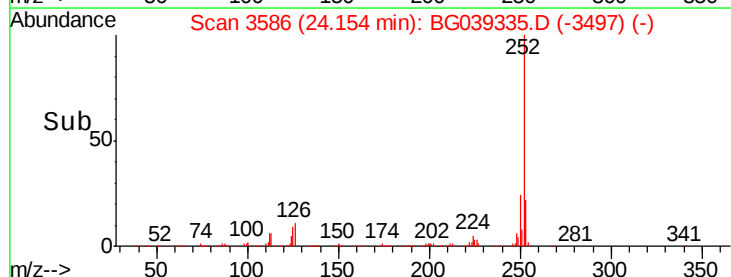
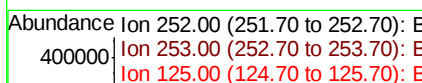
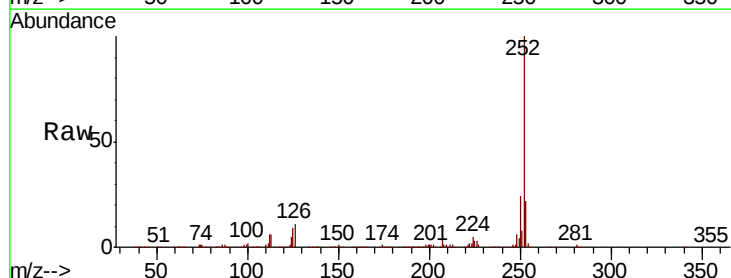
RT: 24.15 min Scan# 3586

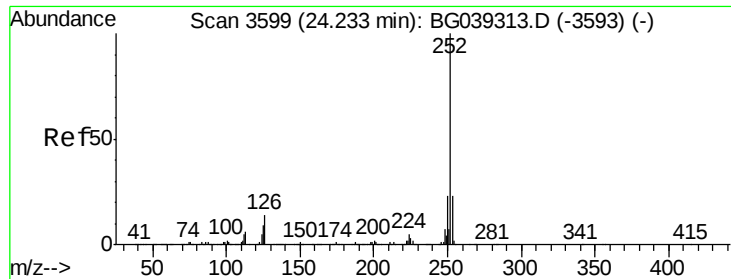
Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion:	252	Resp:	782853
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.8
125	9.0	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 40.463 ng

RT: 24.22 min Scan# 3597

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

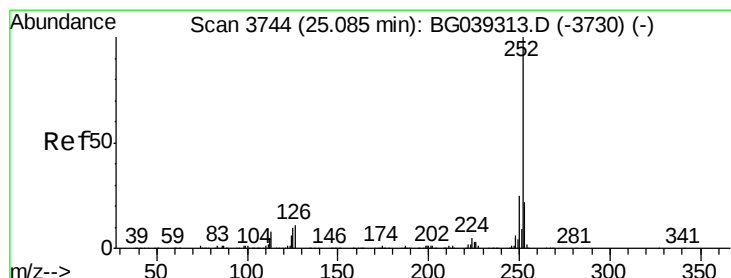
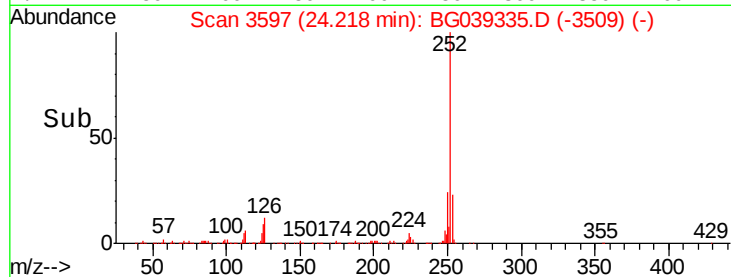
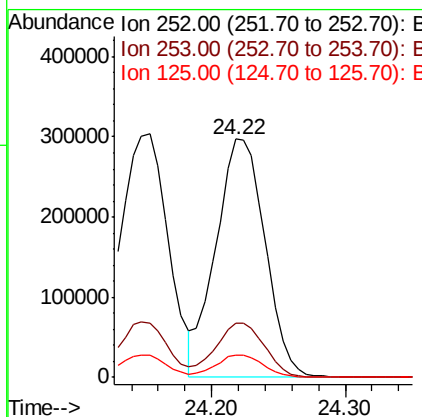
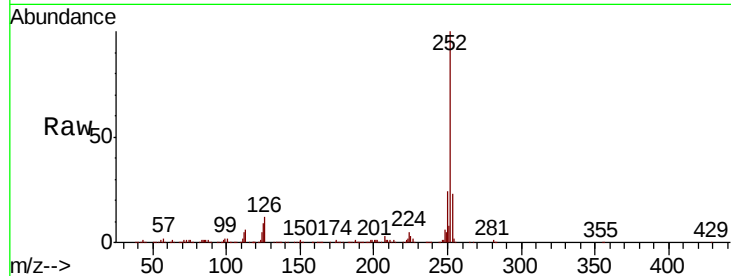
ClientSampleId :

PB116724BS

Tot Ion:	252	Resp:	760965
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.2
125	9.4	7.4	11.2

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



#90

Benzo(a)pyrene

Concen: 42.676 ng

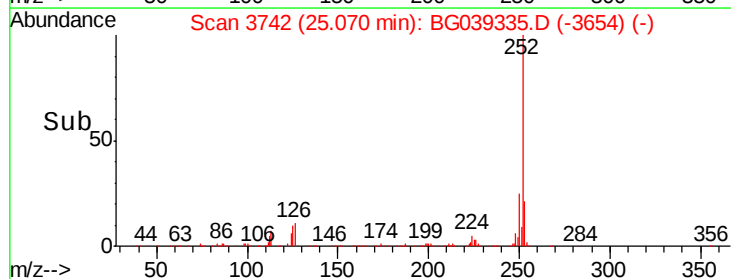
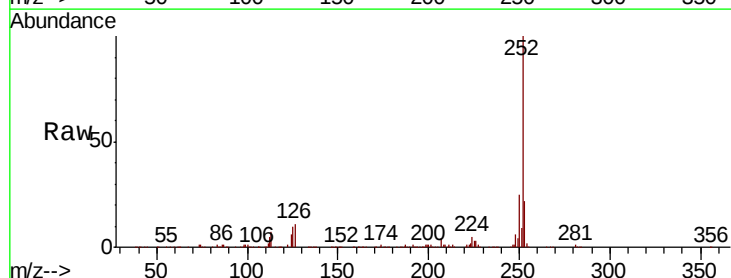
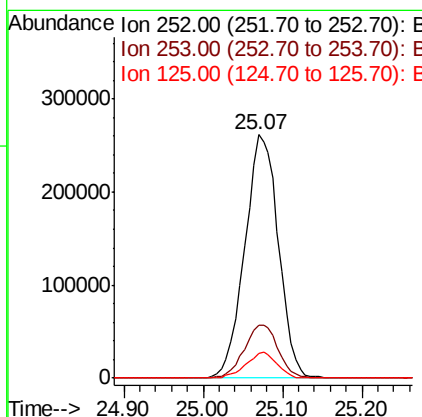
RT: 25.07 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion:	252	Resp:	769876
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	10.0	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 42.891 ng

RT: 29.22 min Scan# 4448

Delta R.T. -0.02 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

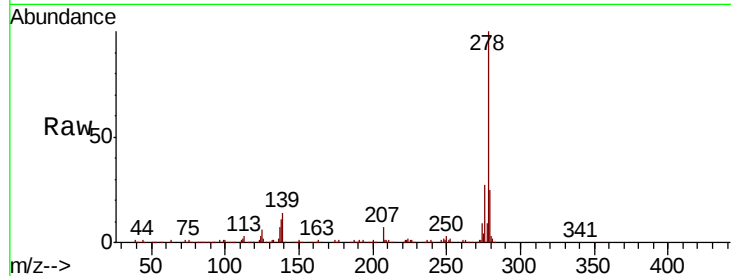
ClientSampleId :

PB116724BS

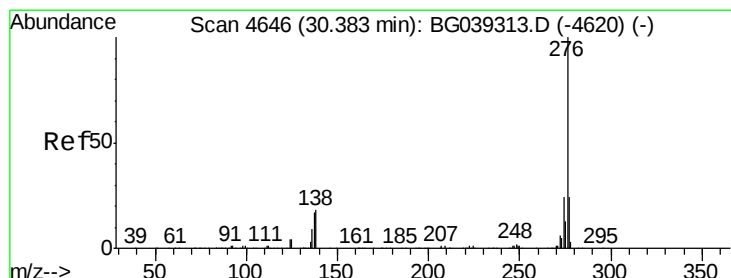
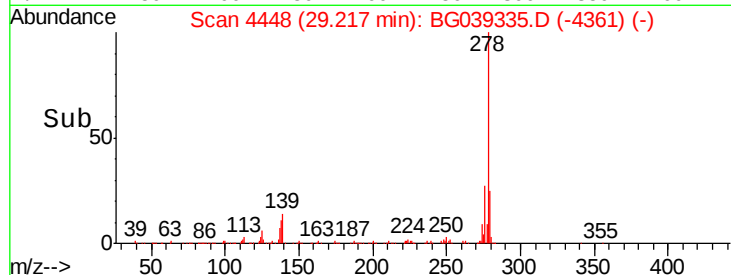
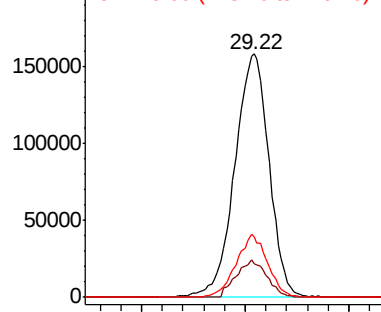
Tot Ion:	278	Resp:	724625
Ion Ratio	Lower	Upper	
278	100		
139	13.7	11.7	17.5
279	25.0	19.1	28.7

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:41 AM



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



#92

Benzo(g,h,i)perylene

Concen: 44.058 ng

RT: 30.37 min Scan# 4644

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion:	276	Resp:	741899
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.6	29.4
138	19.0	14.7	22.1

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

