

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041186.D
 Acq On : 11 Jun 2019 12:54
 Operator : HP/JU
 Sample : K3265-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:38:24 AM

Quant Time: Jun 12 02:23:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	40221	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	169914	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	131122	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	321873	20.00	ng	0.00
76) Chrysene-d12	21.76	240	311906	20.00	ng	0.00
87) Perylene-d12	25.09	264	331728	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	302068	135.42	ng	0.00
7) Phenol-d6	7.26	99	458311	133.04	ng	0.00
23) Nitrobenzene-d5	9.28	82	306621	80.11	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	253429	130.19	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	674054	74.03	ng	0.00
79) Terphenyl-d14	20.08	244	1161763	79.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	29151	28.801	ng	91
3) Pyridine	3.91	79	88026	29.391	ng	95
4) n-Nitrosodimethylamine	3.83	42	54061	38.893	ng	91
6) Aniline	7.43	93	53179	11.565	ng	93
8) 2-Chlorophenol	7.67	128	113195	42.567	ng	93
9) Benzaldehyde	7.24	77	33565	16.334	ng	91
10) Phenol	7.29	94	153677	41.607	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	99512	37.139	ng	97
12) 1,3-Dichlorobenzene	7.99	146	116843	36.789	ng	96
13) 1,4-Dichlorobenzene	8.14	146	125230	38.953	ng	96
14) 1,2-Dichlorobenzene	8.46	146	117369	37.601	ng	96
15) Benzyl Alcohol	8.35	79	124415	39.043	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.63	45	154270	35.234	ng	98
17) 2-Methylphenol	8.54	107	107250	40.104	ng	98
18) Hexachloroethane	9.19	117	46293	37.361	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	96467	36.389	ng	96
20) 3+4-Methylphenols	8.87	107	150949	40.749	ng	99
22) Acetophenone	8.94	105	191788	40.238	ng	# 99
24) Nitrobenzene	9.33	77	155500	39.867	ng	96
25) Isophorone	9.84	82	279221	38.334	ng	97
26) 2-Nitrophenol	10.04	139	70159	43.632	ng	94
27) 2,4-Dimethylphenol	10.08	122	119557	45.019	ng	91
28) bis(2-Chloroethoxy)methane	10.32	93	147007	37.394	ng	98
29) 2,4-Dichlorophenol	10.57	162	142640	42.296	ng	96
30) 1,2,4-Trichlorobenzene	10.78	180	153330	39.967	ng	96
31) Naphthalene	10.98	128	376320	41.250	ng	98
32) Benzoic acid	10.17	122	10230	12.245	ng	95
33) 4-Chloroaniline	11.09	127	45396	10.725	ng	95
34) Hexachlorobutadiene	11.24	225	107467	36.610	ng	97
35) Caprolactam	11.88	113	43597m	39.148	ng	
36) 4-Chloro-3-methylphenol	12.20	107	160727	41.731	ng	100
37) 2-Methylnaphthalene	12.57	142	288918	41.120	ng	99
38) 1-Methylnaphthalene	12.79	142	274323	41.432	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	215842	40.841	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041186.D
 Acq On : 11 Jun 2019 12:54
 Operator : HP/JU
 Sample : K3265-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

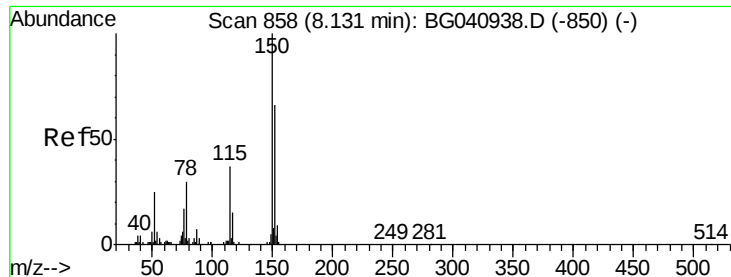
Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:38:24 AM

Quant Time: Jun 12 02:23:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	198533	70.925	nq	98
43) 2,4,6-Trichlorophenol	13.17	196	138067	40.384	nq	97
44) 2,4,5-Trichlorophenol	13.25	196	147707	40.965	nq	97
46) 1,1'-Biphenyl	13.57	154	395153	40.713	nq	99
47) 2-Chloronaphthalene	13.62	162	329228	39.512	nq	98
48) 2-Nitroaniline	13.83	65	116941	39.121	nq	97
49) Acenaphthylene	14.46	152	515577	41.112	nq	99
50) Dimethylphthalate	14.19	163	486336	43.816	nq	98
51) 2,6-Dinitrotoluene	14.32	165	96590	40.361	nq	98
52) Acenaphthene	14.81	154	301726	39.716	nq	99
53) 3-Nitroaniline	14.65	138	53092	22.186	nq	95
54) 2,4-Dinitrophenol	14.86	184	48779	48.528	nq	96
55) Dibenzofuran	15.13	168	526659	41.199	nq	99
56) 4-Nitrophenol	14.95	139	132960	81.003	nq	89
57) 2,4-Dinitrotoluene	15.11	165	138801	41.059	nq	99
58) Fluorene	15.78	166	411518	40.423	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	150034	42.341	nq	99
60) Diethylphthalate	15.54	149	435323	38.431	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	260891	39.427	nq	93
62) 4-Nitroaniline	15.82	138	93886	37.058	nq	95
63) Azobenzene	16.06	77	402928	39.137	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	68538	41.216	nq	98
66) n-Nitrosodiphenylamine	15.99	169	373181	41.244	nq	100
67) 4-Bromophenyl-phenylether	16.66	248	171791	39.549	nq	98
68) Hexachlorobenzene	16.77	284	176564	38.172	nq	98
69) Atrazine	16.93	200	155849	44.639	nq	98
70) Pentachlorophenol	17.13	266	190279	76.962	nq	97
71) Phenanthrene	17.53	178	726022	43.304	nq	99
72) Anthracene	17.61	178	713425	43.145	nq	100
73) Carbazole	17.89	167	608034	42.855	nq	98
74) Di-n-butylphthalate	18.42	149	714906	40.541	nq	99
75) Fluoranthene	19.53	202	894296	43.185	nq	100
77) Benzidine	19.71	184	203364	27.332	nq	97
78) Pyrene	19.89	202	888554	43.823	nq	100
80) Butylbenzylphthalate	20.75	149	327411	41.494	nq	97
81) Benzo(a)anthracene	21.74	228	852715	41.070	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	155357	21.274	nq	98
83) Chrysene	21.81	228	838068	42.180	nq	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	456500	41.098	nq	99
85) Di-n-octyl phthalate	22.84	149	780661	42.200	nq	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	832760	34.215	nq	# 99
88) Benzo(b)fluoranthene	24.02	252	821974	40.853	nq	100
89) Benzo(k)fluoranthene	24.09	252	835687	41.972	nq	99
90) Benzo(a)pyrene	24.94	252	815647	42.490	nq	98
91) Dibenzo(a,h)anthracene	28.98	278	684428	35.682	nq	# 98
92) Benzo(g,h,i)perylene	30.11	276	656696	35.240	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

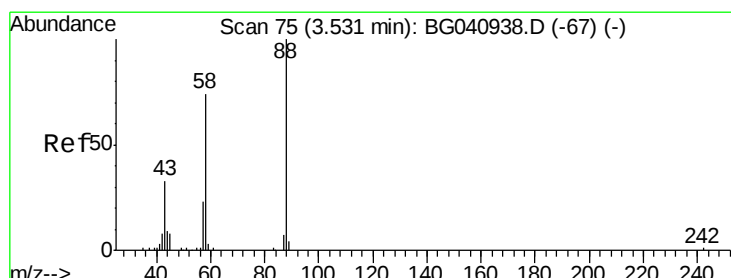
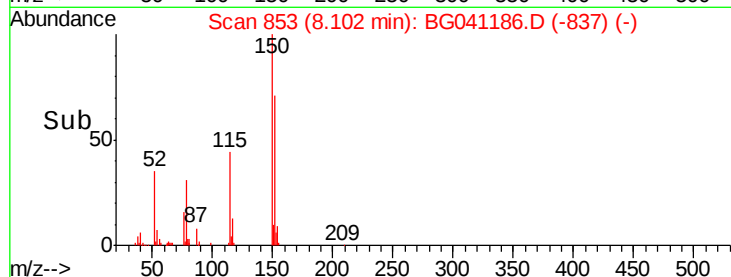
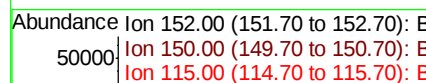
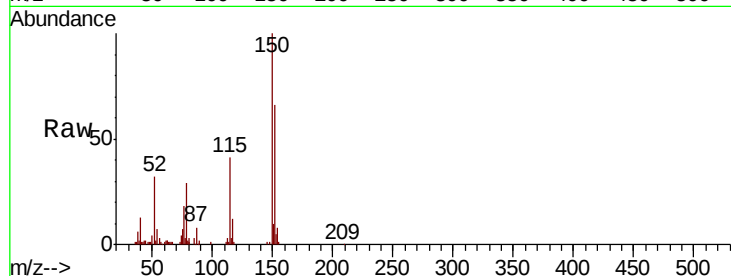
ClientSampleId :

B-01-(0-37)COMPMSD

Tot Ion:	152	Resp:	40221
Ion	Ratio	Lower	Upper
152	100		
150	152.1	120.6	180.8
115	61.7	45.1	67.7

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



#2

1,4-Dioxane

Concen: 28.801 ng

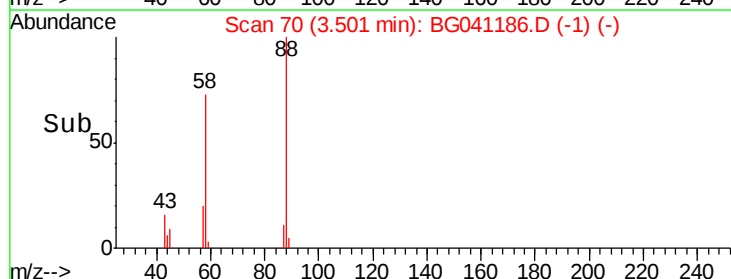
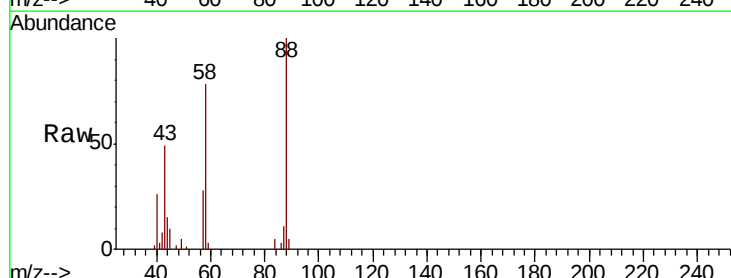
RT: 3.50 min Scan# 70

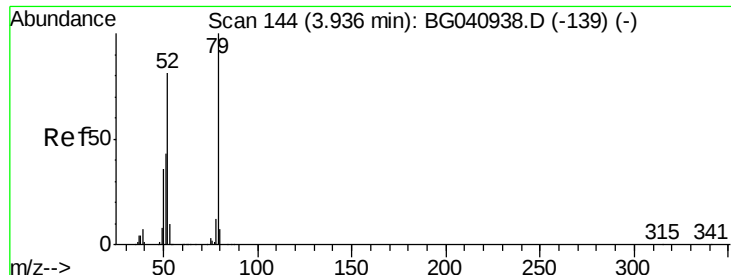
Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion:	88	Resp:	29151
Ion	Ratio	Lower	Upper
88	100		
58	83.5	59.0	88.6
43	36.5	27.2	40.8





#3

Pvridine

Concen: 29.391 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

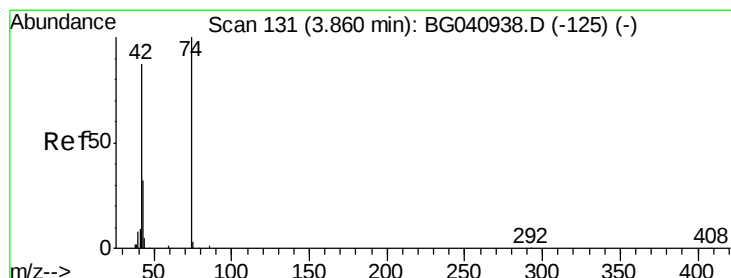
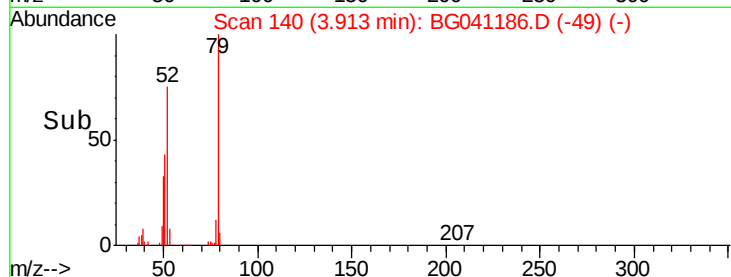
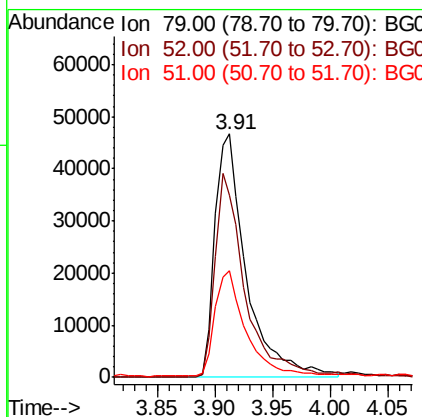
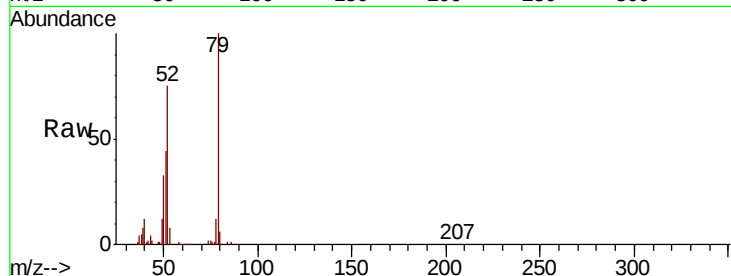
ClientSampleId :

B-01-(0-37)COMPMSD

Tot Ion:	79	Resp:	88026
Ion	Ratio	Lower	Upper
79	100		
52	74.6	64.8	97.2
51	43.8	35.3	52.9

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



#4

n-Nitrosodimethylamine

Concen: 38.893 ng

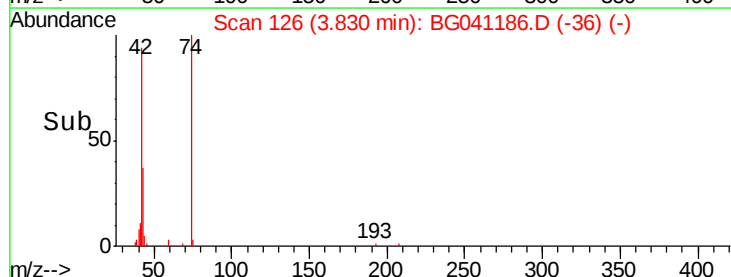
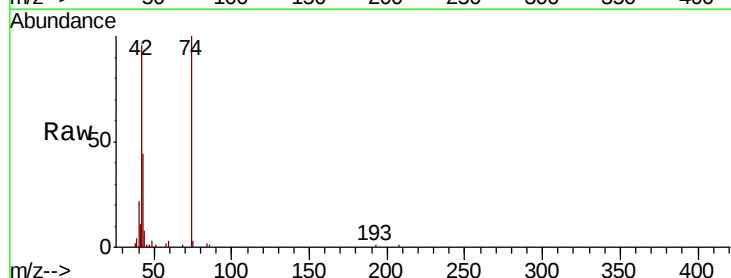
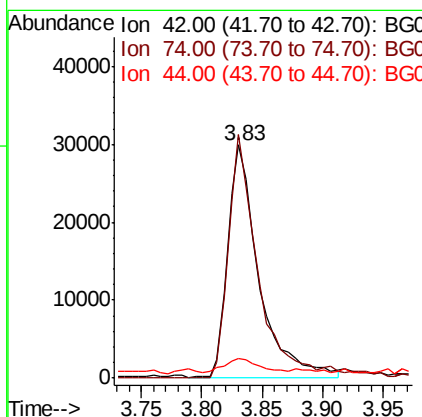
RT: 3.83 min Scan# 126

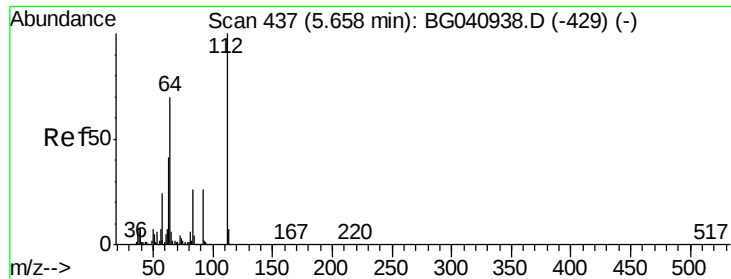
Delta R.T. -0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion:	42	Resp:	54061
Ion	Ratio	Lower	Upper
42	100		
74	104.4	91.8	137.6
44	8.5	6.0	9.0





#5

2-Fluorophenol

Concen: 135.425 ng

RT: 5.65 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

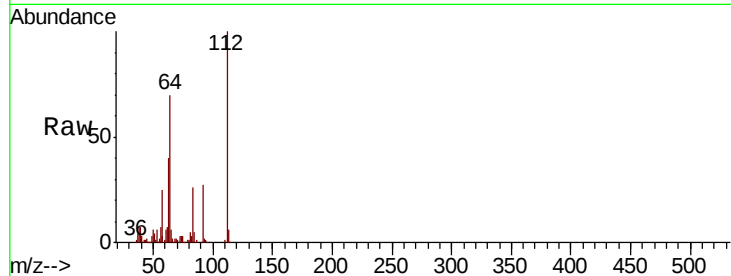
ClientSampleId :

B-01-(0-37)COMPMSD

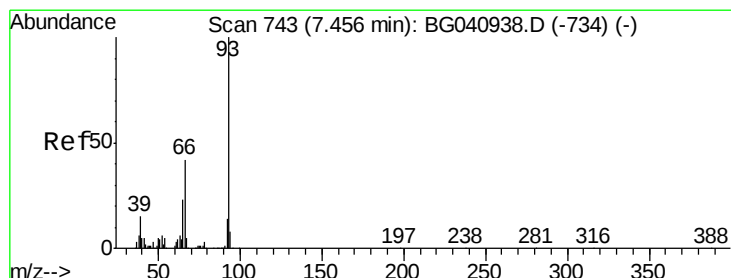
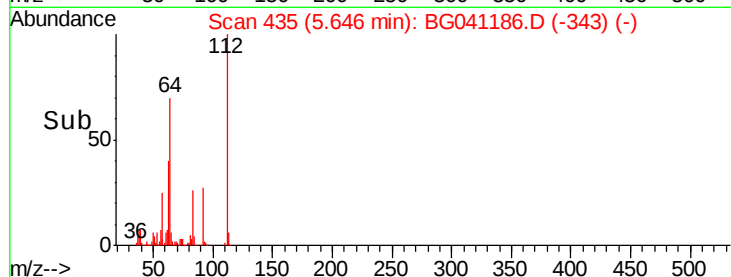
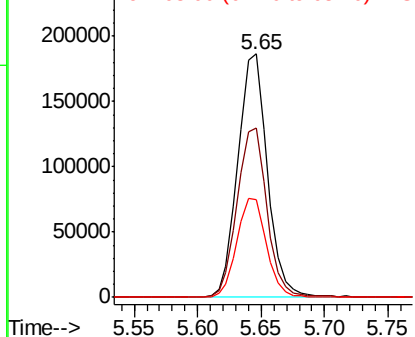
Tot Ion	Ratio	Lower	Upper
112	100		
64	69.7	56.2	84.2
63	40.0	32.8	49.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.565 ng

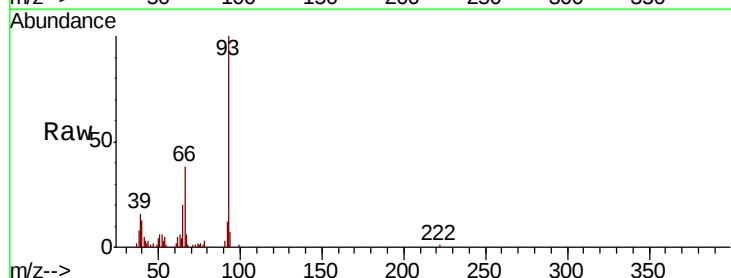
RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

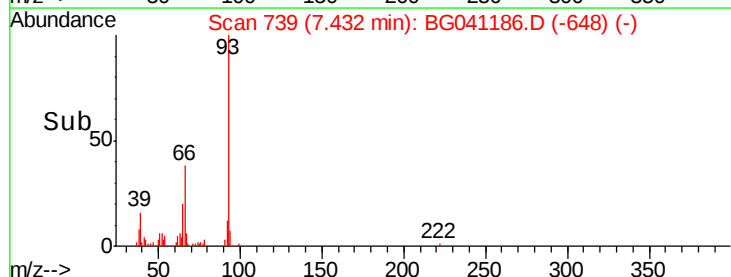
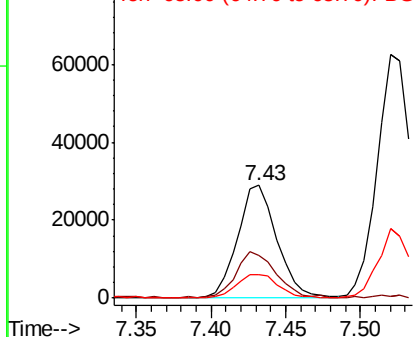
Lab File: BG041186.D

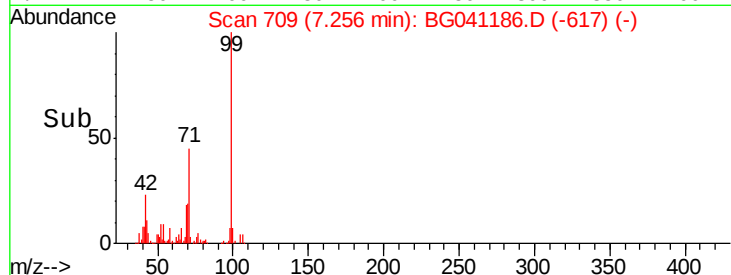
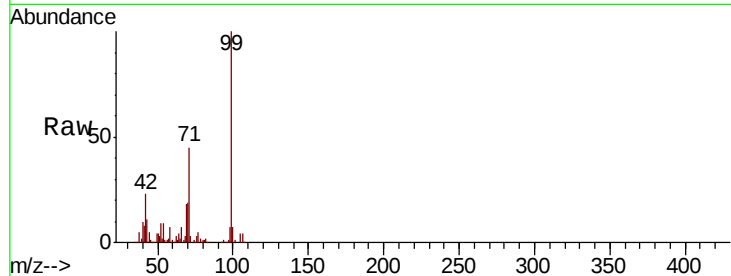
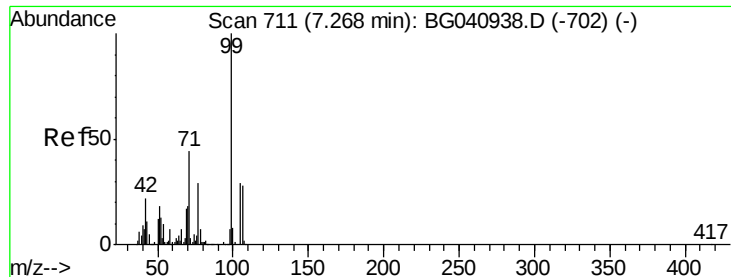
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.7	33.8	50.8
65	20.4	18.3	27.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.044 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		458311		
42	23.5	17.9	26.9		
71	45.1	35.4	53.0		

Instrument :

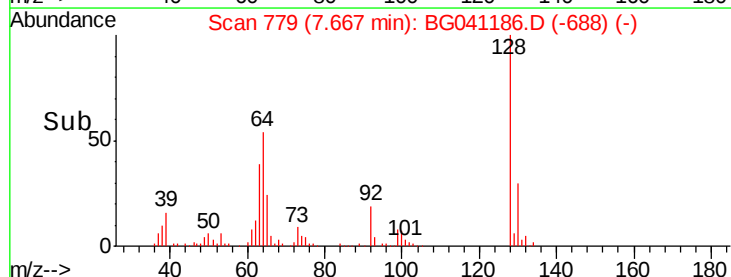
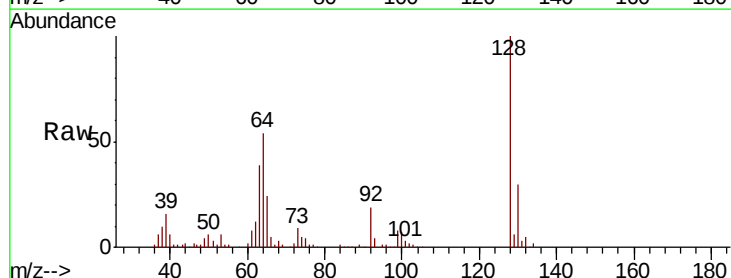
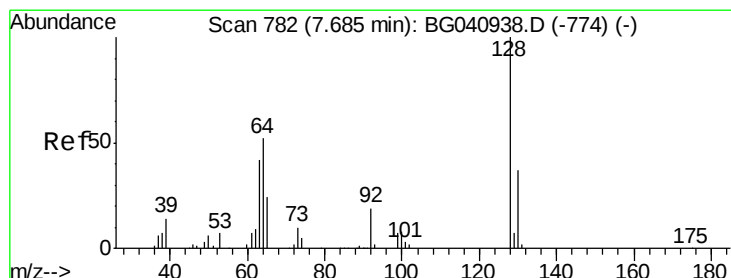
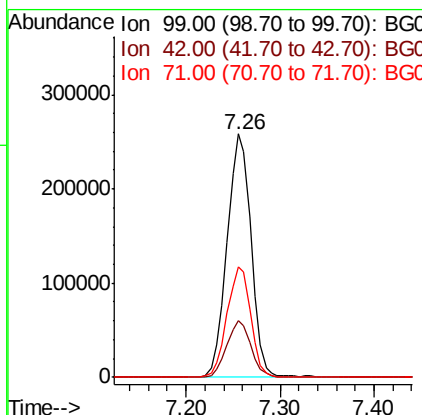
BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



#8

2-Chlorophenol

Concen: 42.567 ng

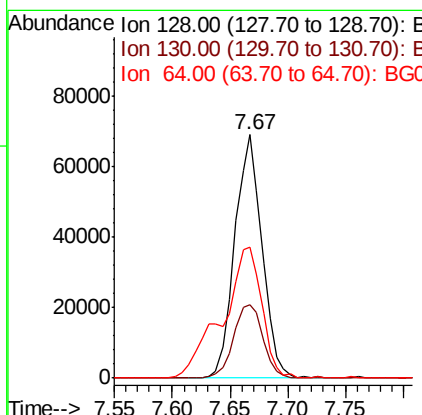
RT: 7.67 min Scan# 779

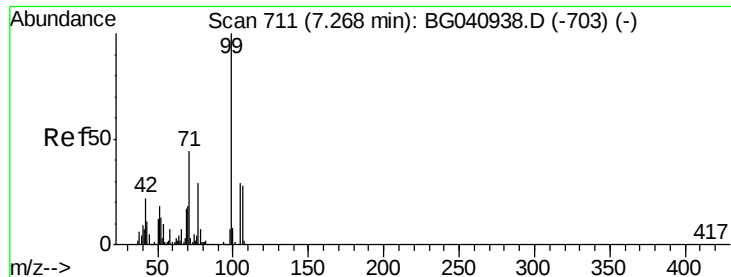
Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		113195		
130	30.1	16.6	56.6		
64	54.0	37.8	77.8		





#9

Benzaldehyde

Concen: 16.334 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

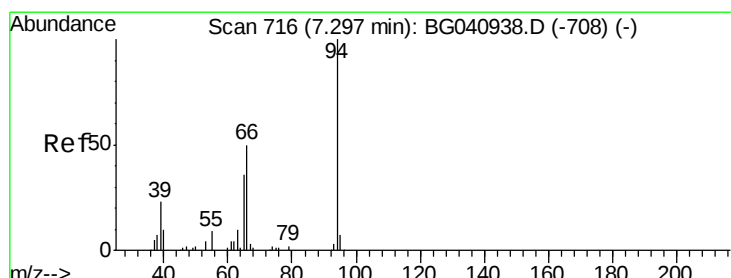
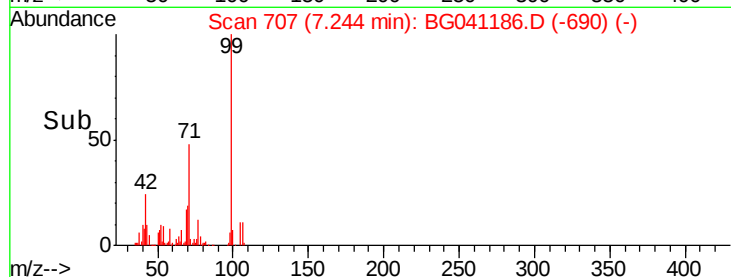
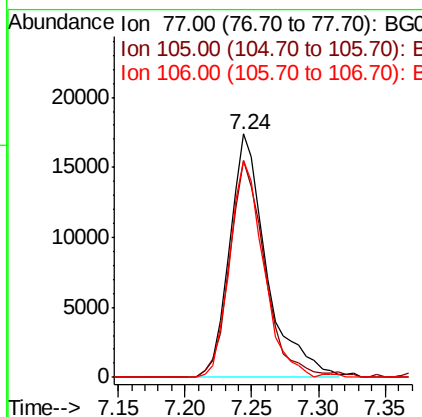
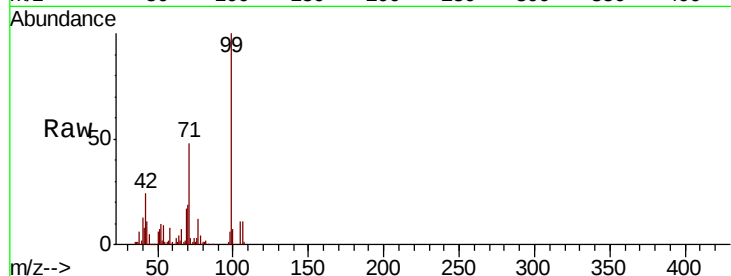
ClientSampleId :

B-01-(0-37)COMPMSD

Tot Ion:	77	Resp:	33565
Ion	Ratio	Lower	Upper
77	100		
105	89.1	78.9	118.9
106	89.1	76.7	116.7

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



#10

Phenol

Concen: 41.607 ng

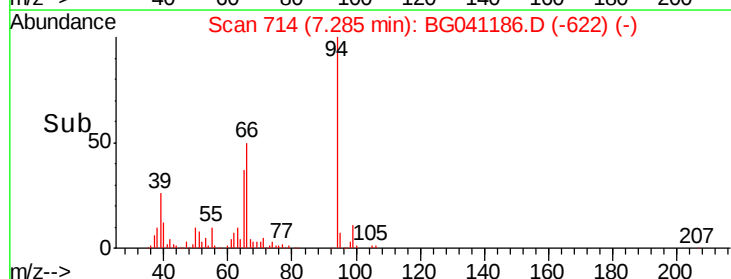
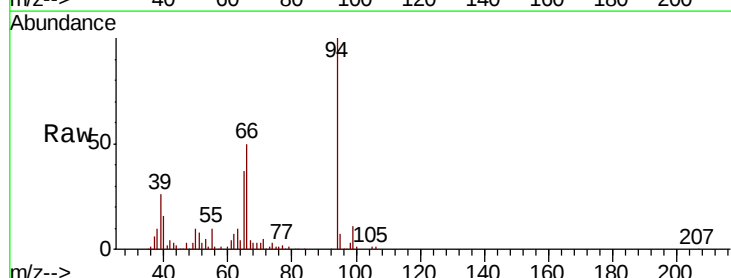
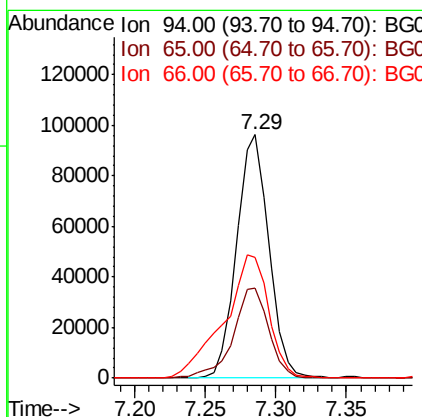
RT: 7.29 min Scan# 714

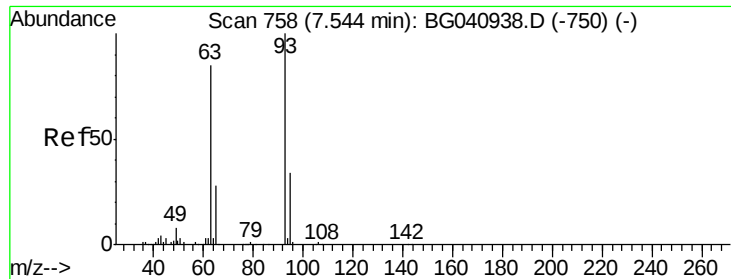
Delta R.T. 0.01 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion:	94	Resp:	153677
Ion	Ratio	Lower	Upper
94	100		
65	37.0	17.0	57.0
66	49.7	32.4	72.4





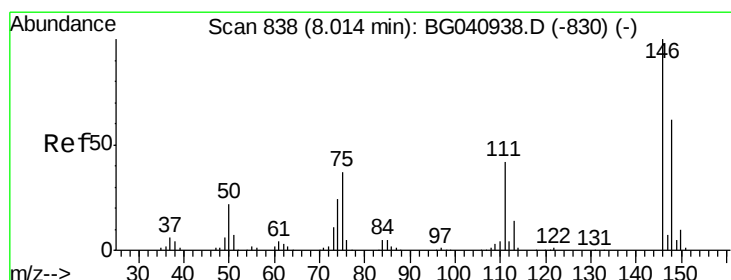
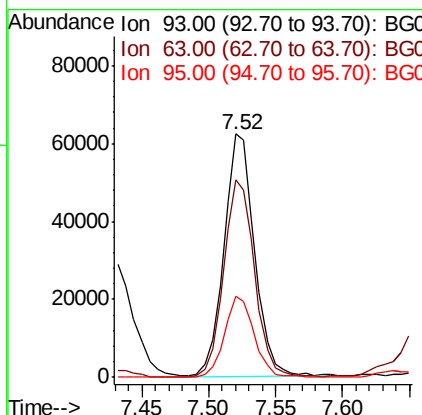
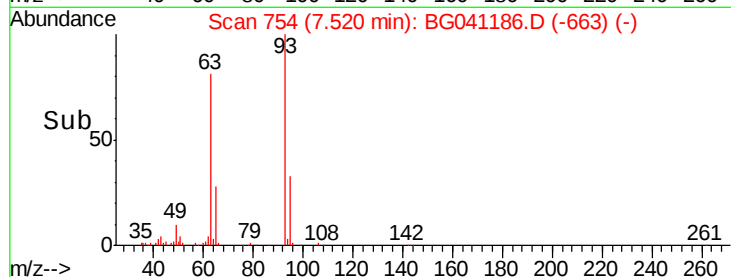
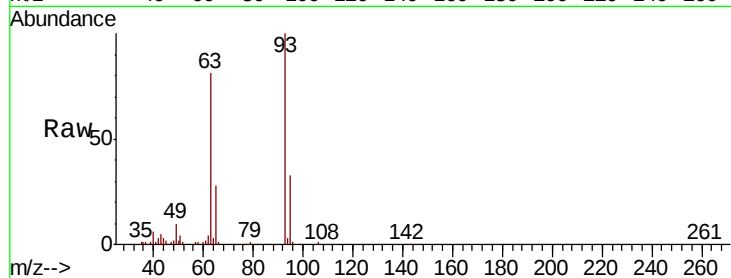
#11
bis(2-Chloroethyl)ether
Concen: 37.139 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		99512		
63	81.4	64.5	104.5		
95	33.2	13.3	53.3		

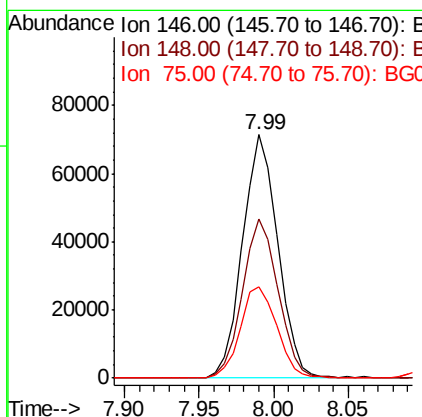
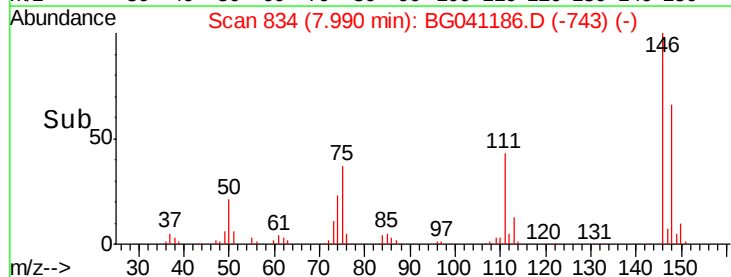
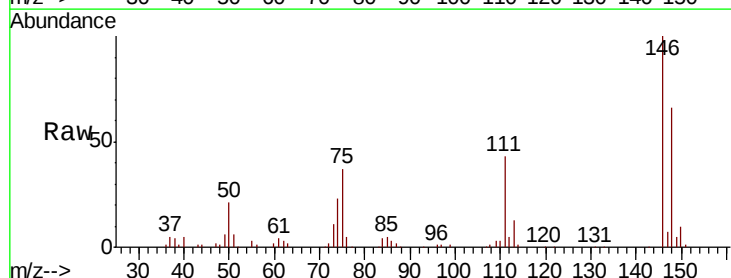
Manual Integrations
APPROVED

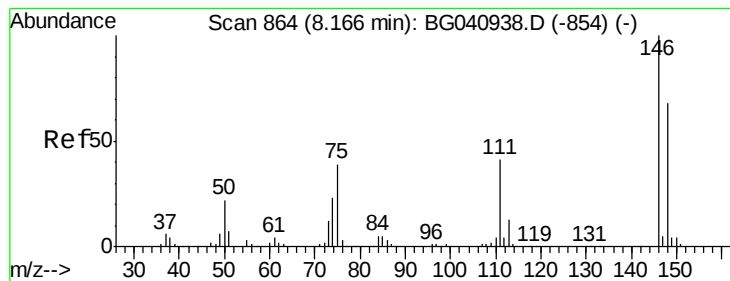
mohammad
6/14/2019 8:38:24 AM



#12
1,3-Dichlorobenzene
Concen: 36.789 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		116843		
148	65.6	49.2	73.8		
75	37.4	29.4	44.0		





#13

1,4-Dichlorobenzene

Concen: 38.953 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

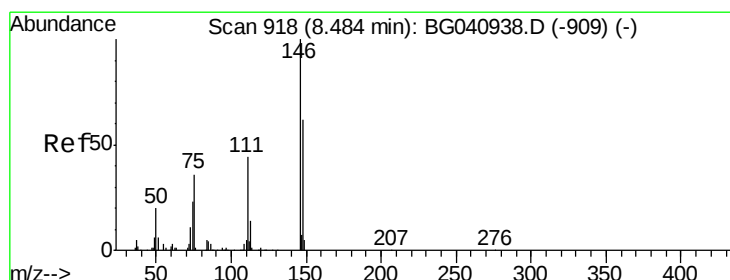
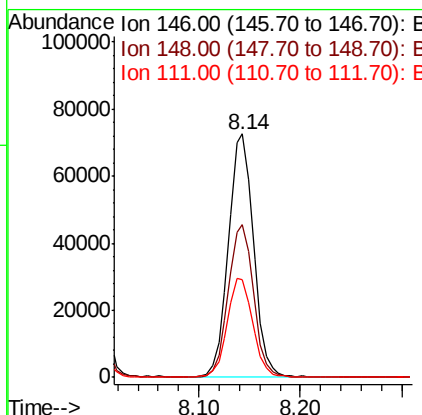
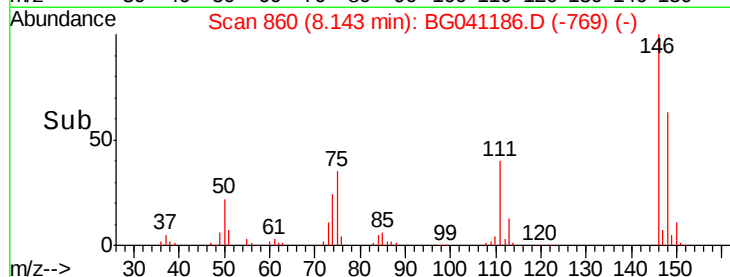
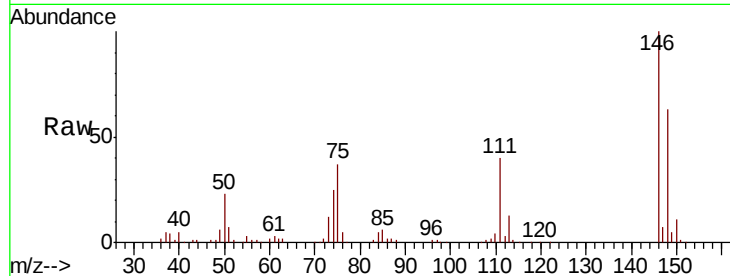
ClientSampleId :

B-01-(0-37)COMPMSD

Tot Ion:	146	Resp:	125230
Ion Ratio	Lower	Upper	
146	100		
148	62.6	54.2	81.4
111	40.4	32.9	49.3

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



#14

1,2-Dichlorobenzene

Concen: 37.601 ng

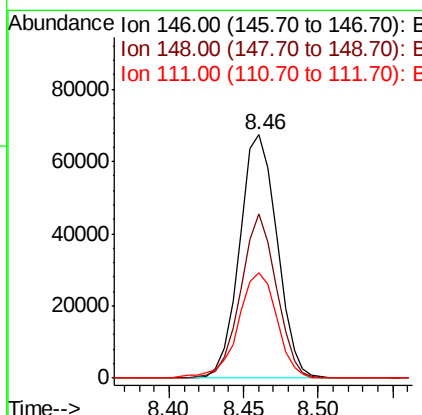
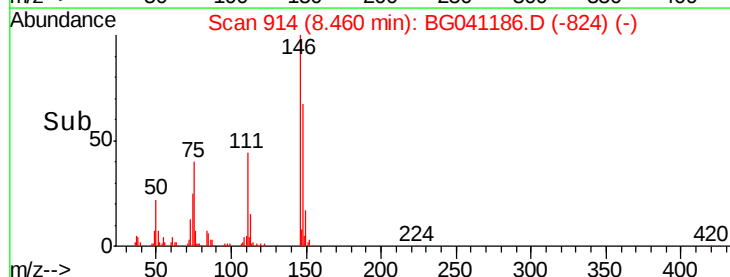
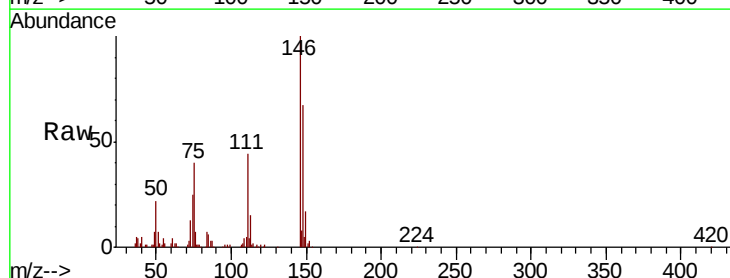
RT: 8.46 min Scan# 914

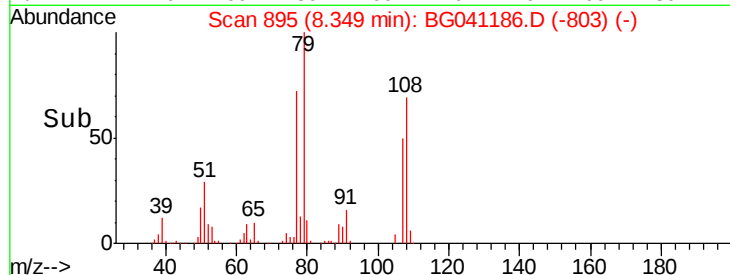
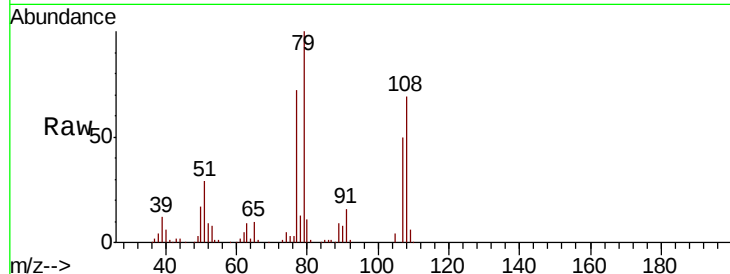
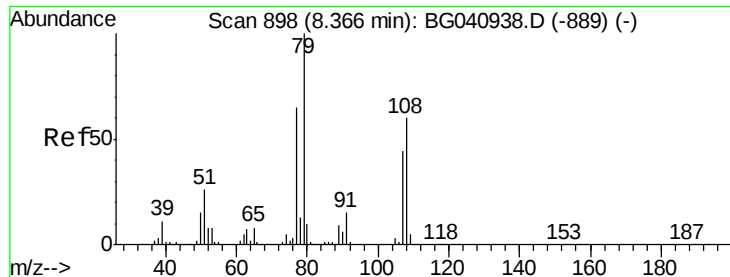
Delta R.T. -0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion:	146	Resp:	117369
Ion Ratio	Lower	Upper	
146	100		
148	67.2	49.8	74.6
111	43.5	35.0	52.4





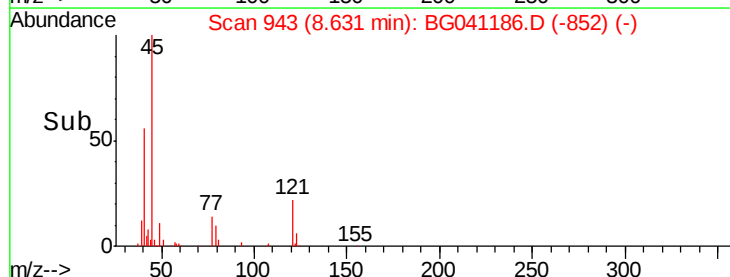
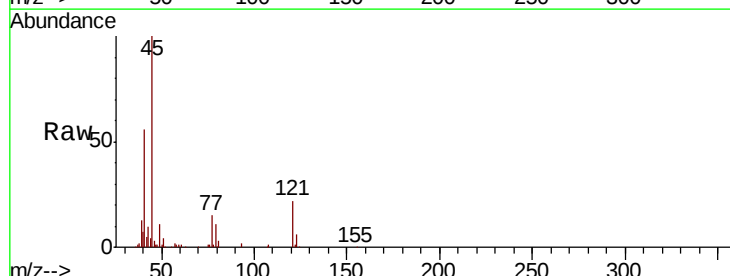
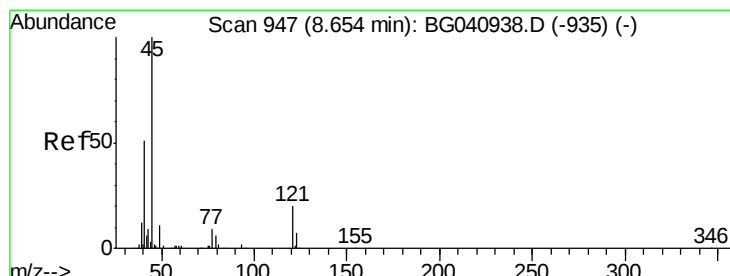
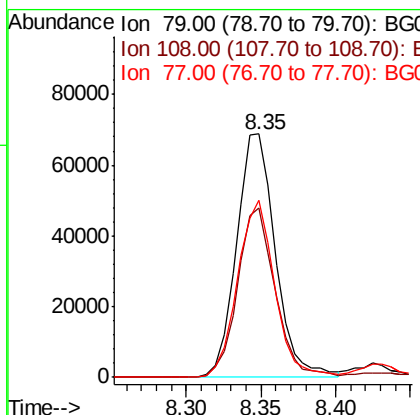
#15
Benzyl Alcohol
Concen: 39.043 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.4	48.3	72.5
77	72.5	52.3	78.5

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

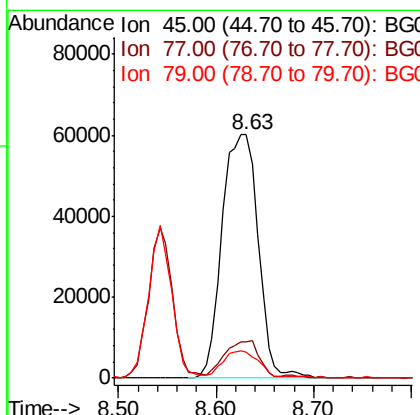
Manual Integrations
APPROVED

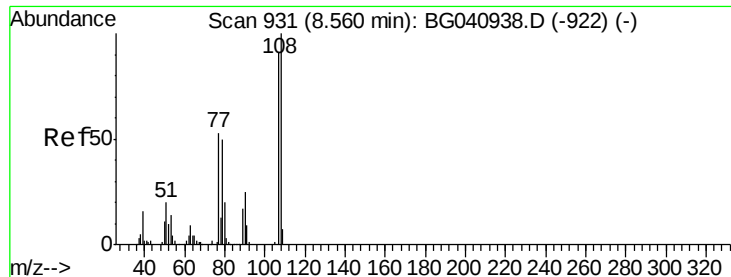
mohammad
6/14/2019 8:38:24 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.234 ng
RT: 8.63 min Scan# 943
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	33.7
79	10.7	0.0	30.2





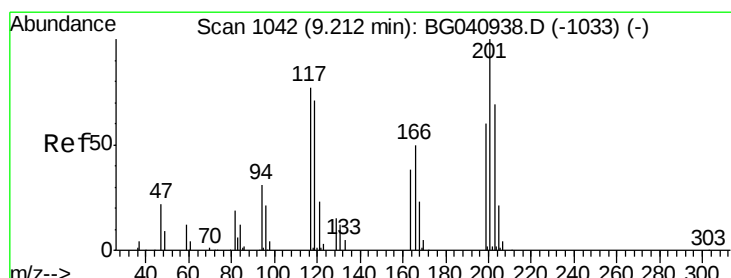
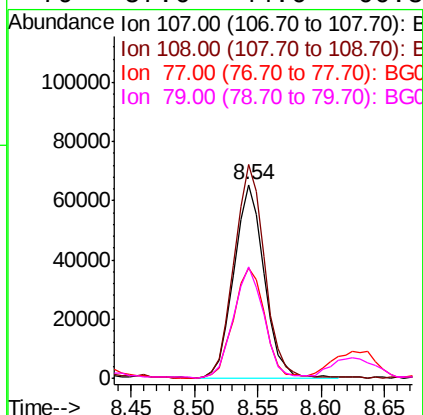
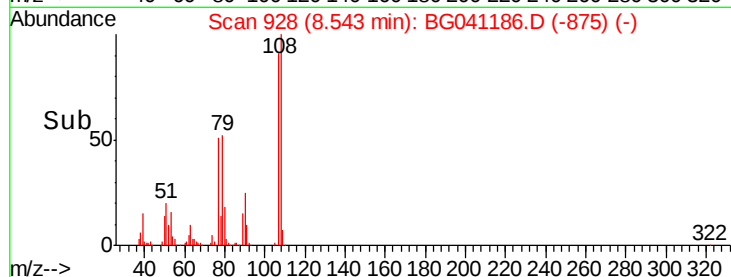
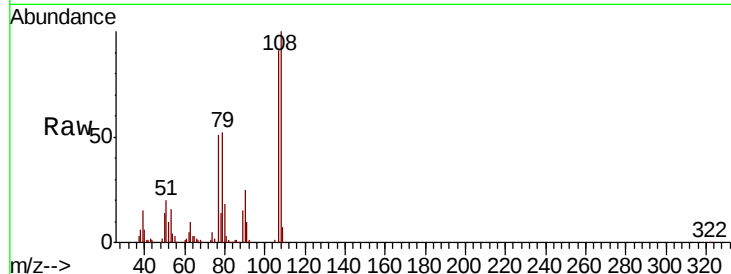
#17
2-Methylphenol
Concen: 40.104 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	87.7	131.5	
77	56.6	46.6	70.0	
79	57.6	44.6	66.8	

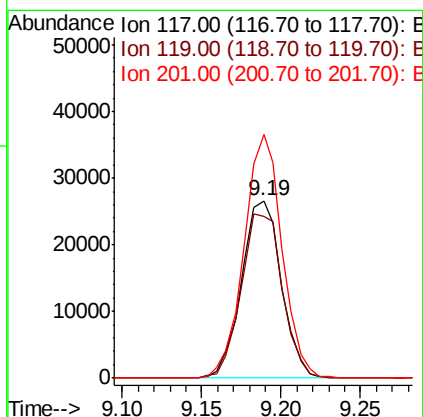
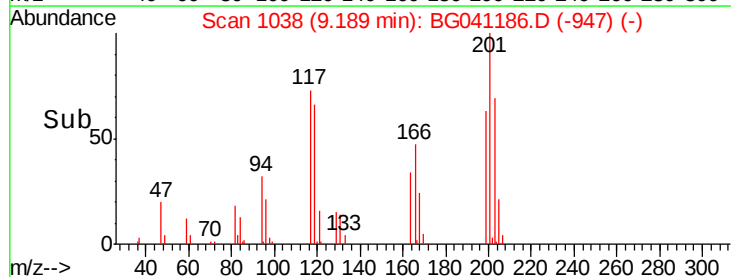
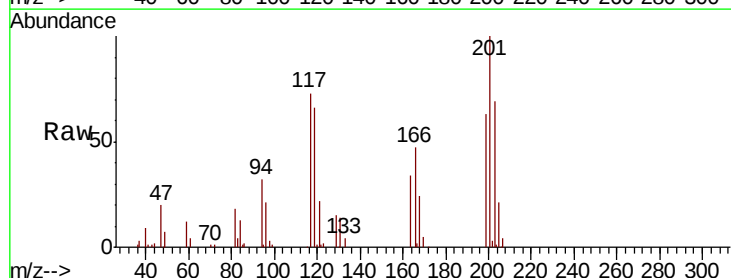
Manual Integrations
APPROVED

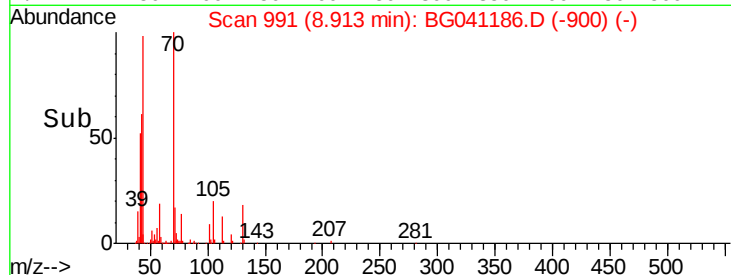
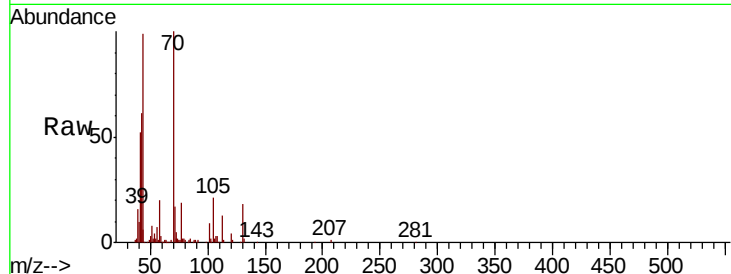
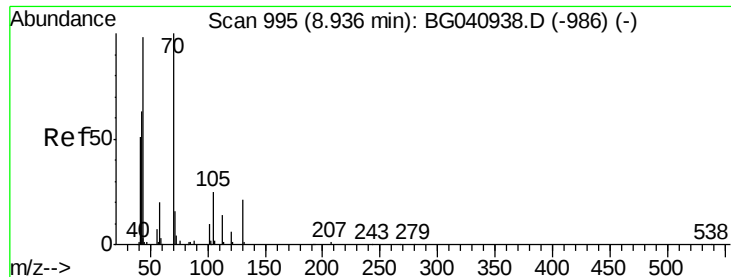
mohammad
6/14/2019 8:38:24 AM



#18
Hexachloroethane
Concen: 37.361 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.8	75.0	112.6	
201	141.6	103.5	155.3	





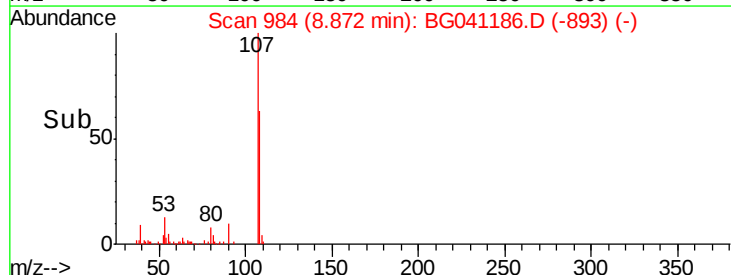
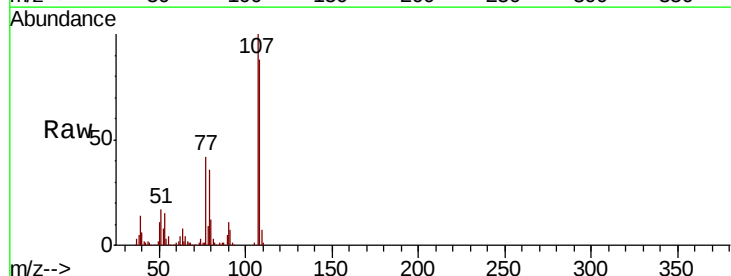
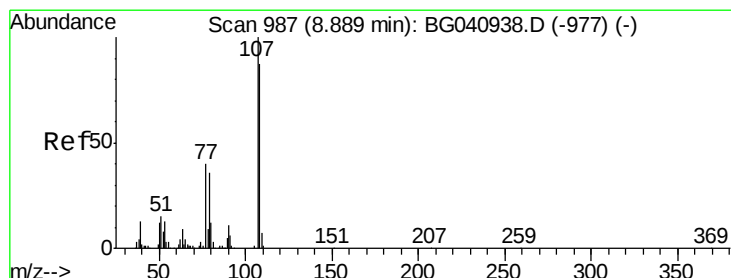
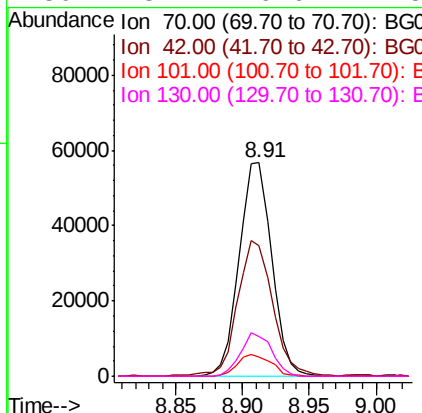
#19
n-Nitroso-di-n-propylamine
Concen: 36.389 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
96467	70	100		
	42	61.4	51.5	77.3
	101	9.1	8.1	12.1
	130	18.4	16.6	24.8

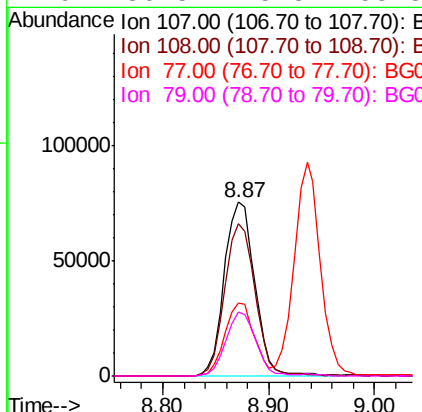
Manual Integrations
APPROVED

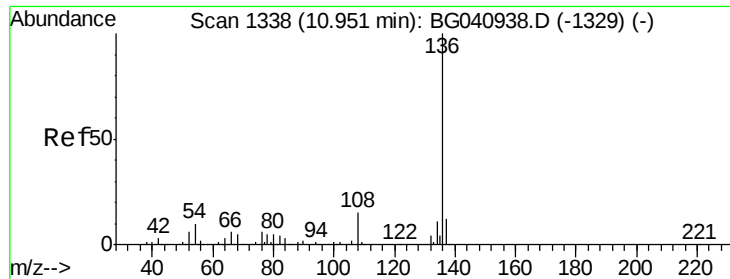
mohammad
6/14/2019 8:38:24 AM



#20
3+4-Methylphenols
Concen: 40.749 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ion	Ratio	Lower	Upper
150949	107	100		
	108	87.7	66.8	106.8
	77	42.0	20.5	60.5
	79	36.5	15.8	55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

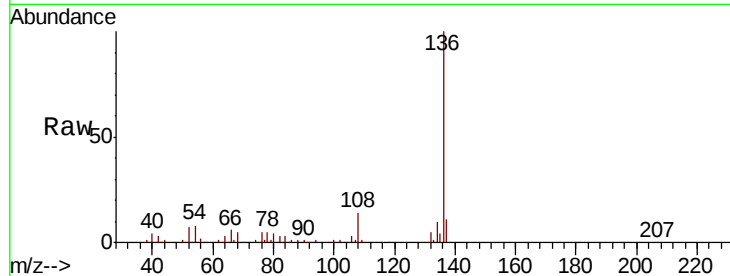
ClientSampleId :

B-01-(0-37)COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	169914		
137	11.5	9.5	14.3	
54	8.2	7.6	11.4	
68	5.0	3.9	5.9	

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM

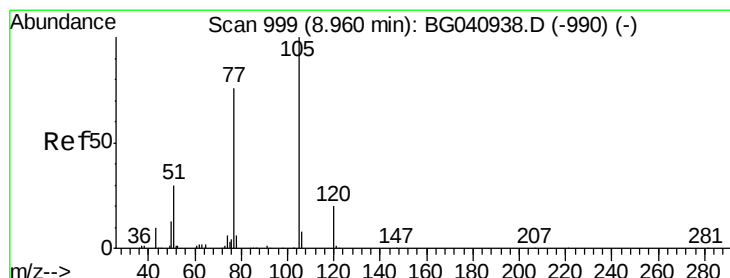
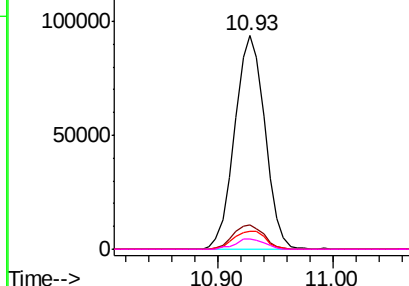
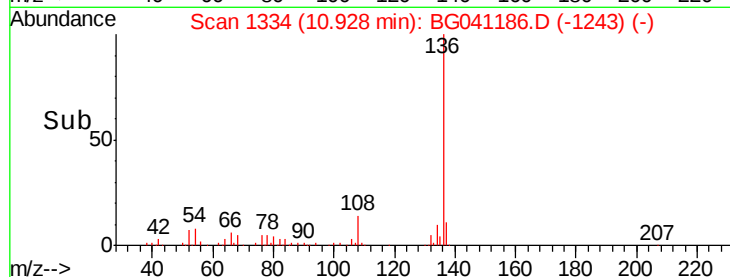


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.238 ng

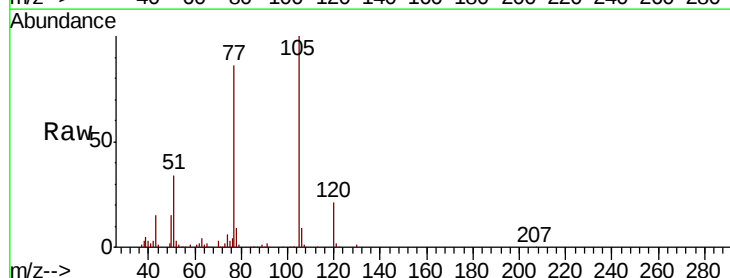
RT: 8.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	191788		
71	0.4	0.4	0.6#	
51	33.5	27.0	40.6	
120	20.9	16.2	24.4	

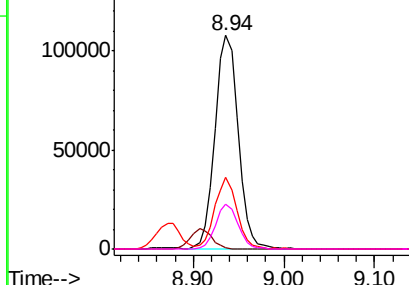
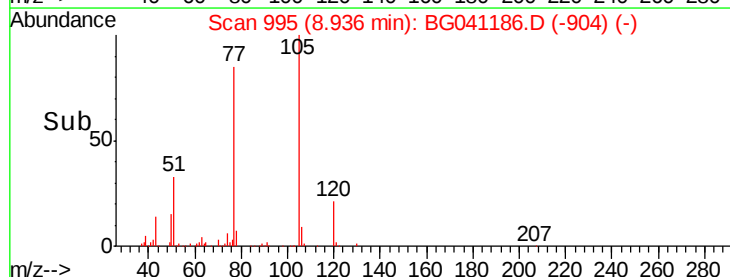


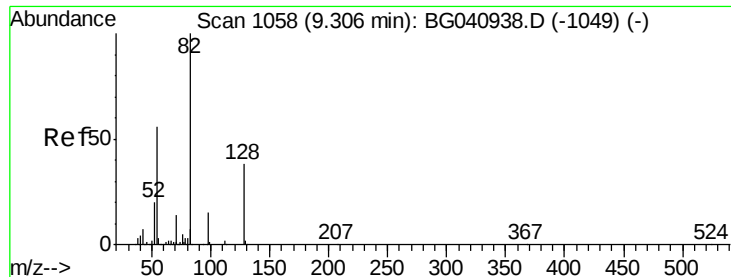
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





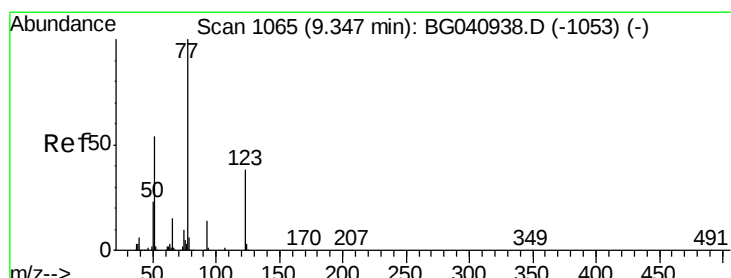
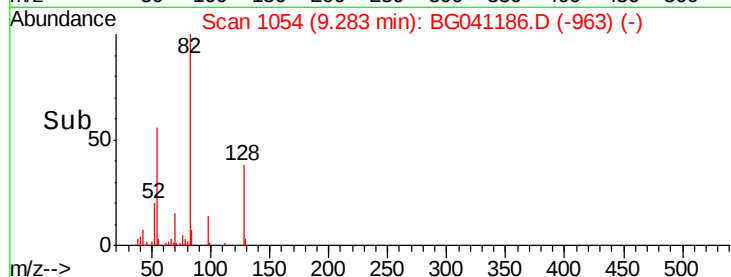
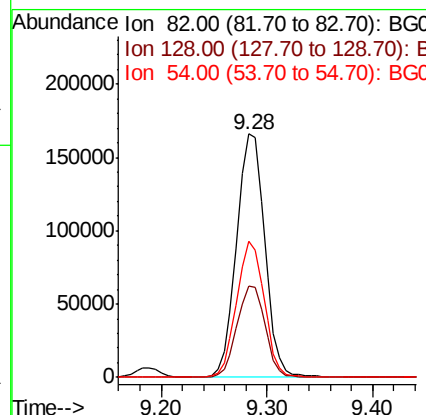
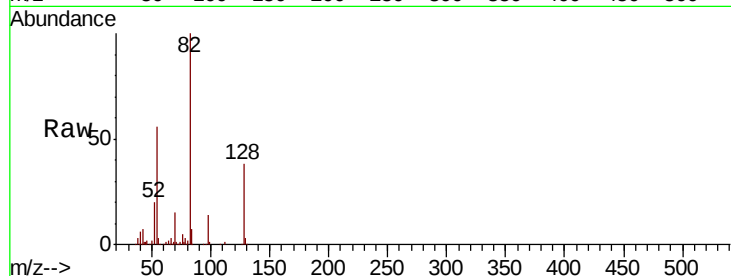
#23
 Nitrobenzene-d5
 Concen: 80.111 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041186.D
 Acq: 11 Jun 2019 12:54

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.5	45.7
54	56.0	44.6	66.8

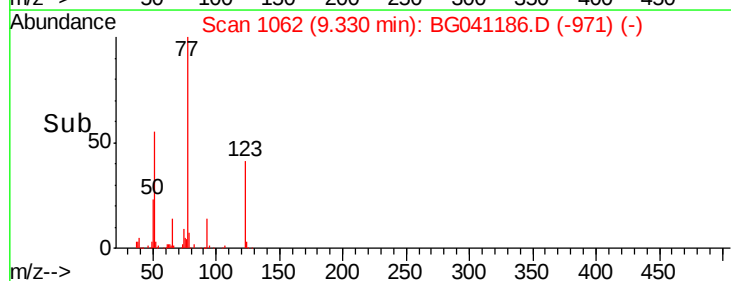
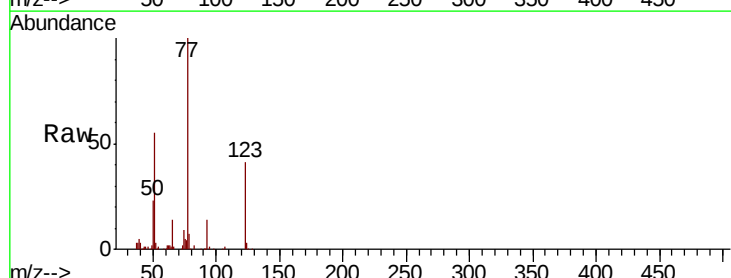
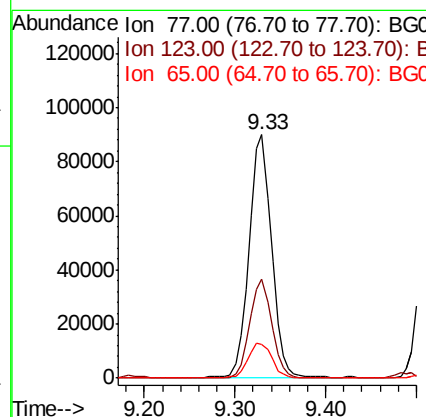
Manual Integrations
 APPROVED

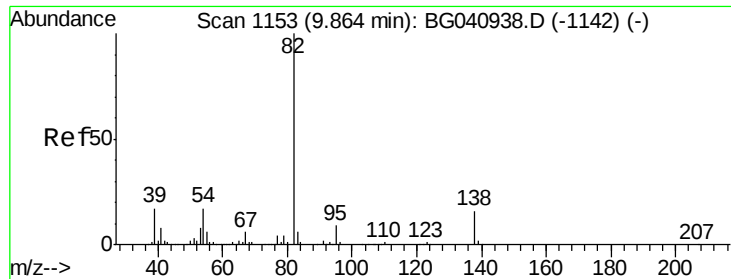
mohammad
 6/14/2019 8:38:24 AM



#24
 Nitrobenzene
 Concen: 39.867 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041186.D
 Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.6	30.6	46.0
65	14.1	12.3	18.5





#25

Isophorone

Concen: 38.334 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

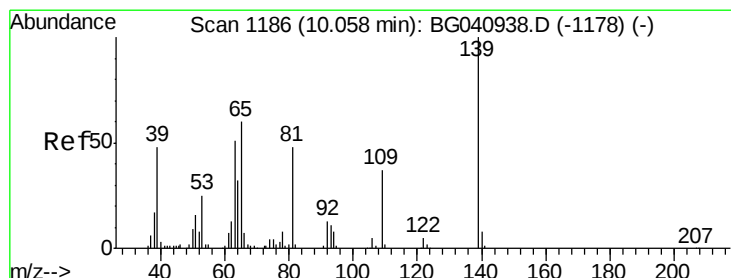
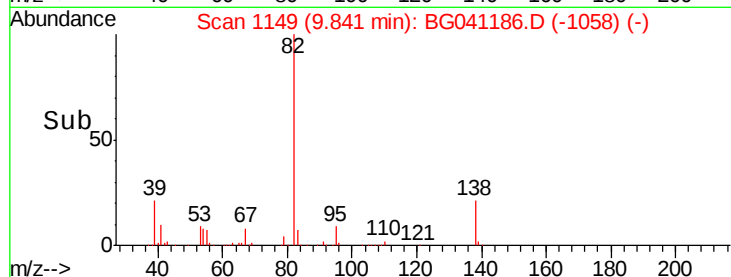
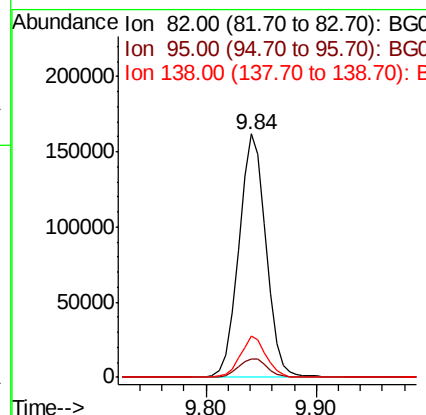
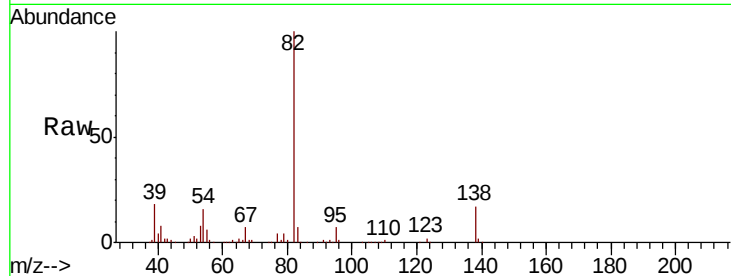
ClientSampleId :

B-01-(0-37)COMPMSD

Tot Ion:	82	Resp:	279221
Ion Ratio	Lower	Upper	
82	100		
95	7.4	7.0	10.4
138	16.9	12.6	19.0

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



#26

2-Nitrophenol

Concen: 43.632 ng

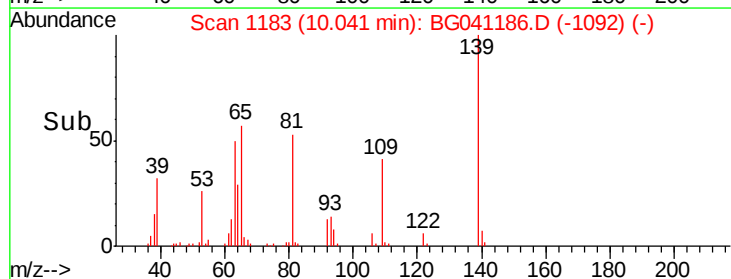
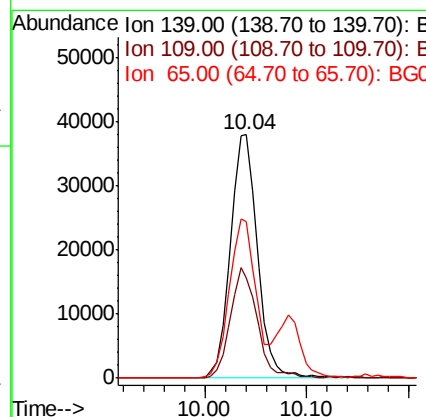
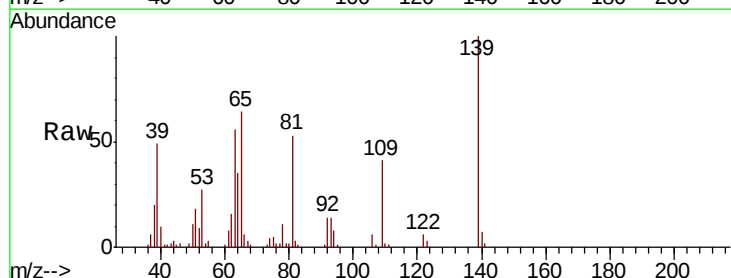
RT: 10.04 min Scan# 1183

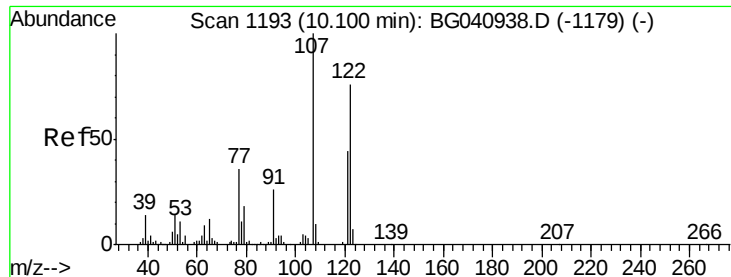
Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion:	139	Resp:	70159
Ion Ratio	Lower	Upper	
139	100		
109	41.2	29.8	44.6
65	64.4	47.8	71.6





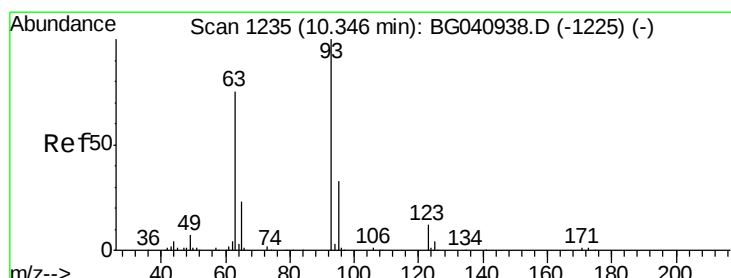
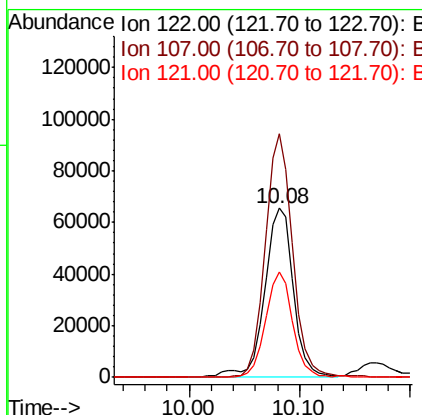
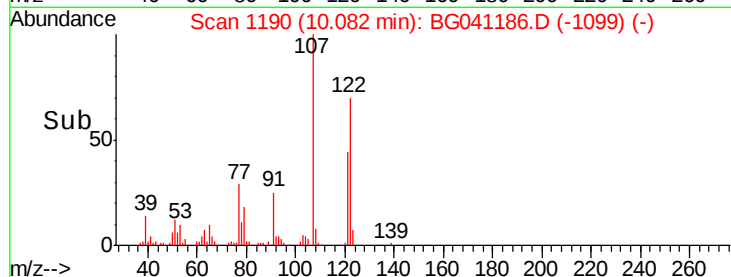
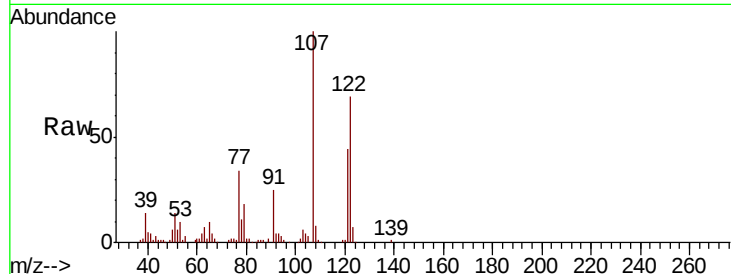
#27
 2,4-Dimethylphenol
 Concen: 45.019 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041186.D
 Acq: 11 Jun 2019 12:54

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	144.2	105.9	158.9
121	62.8	46.2	69.4

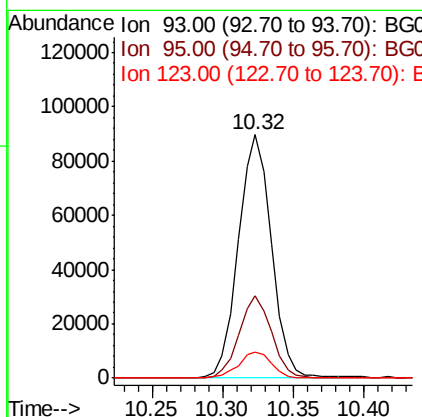
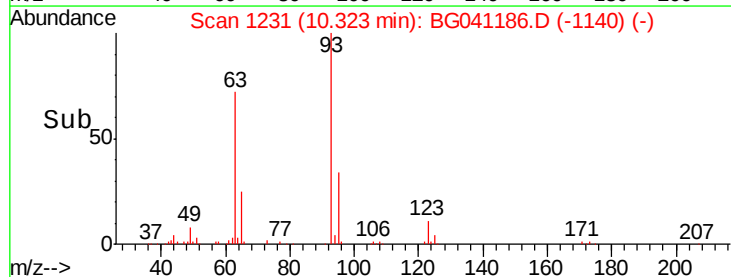
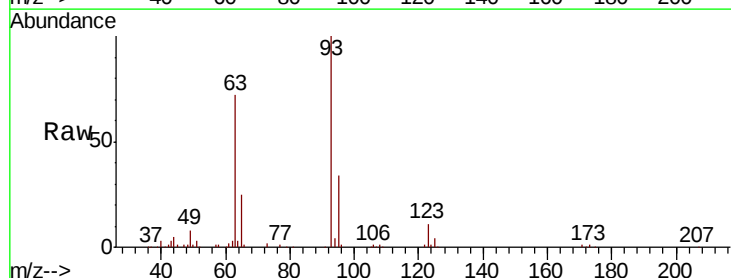
Manual Integrations
 APPROVED

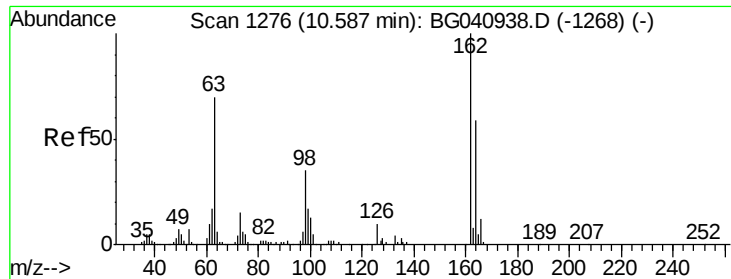
mohammad
 6/14/2019 8:38:24 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.394 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG041186.D
 Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.2	39.2
123	10.8	9.5	14.3





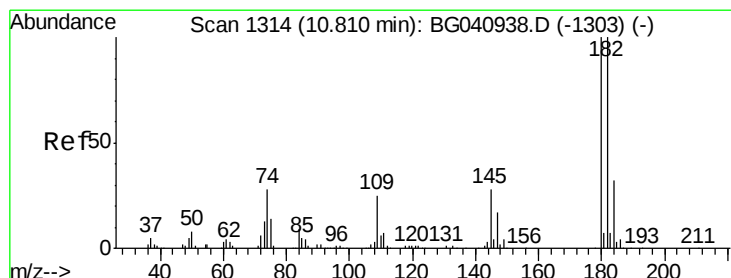
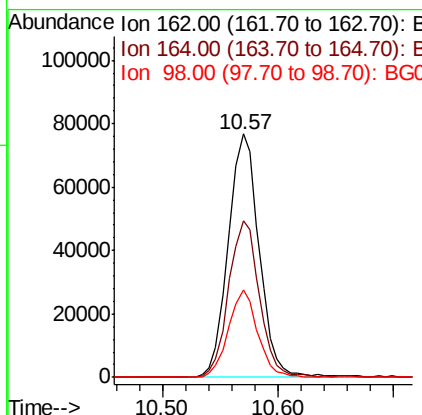
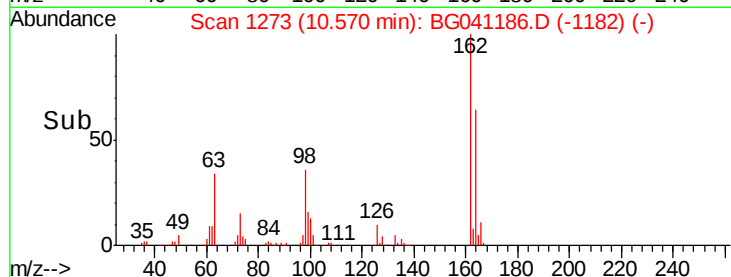
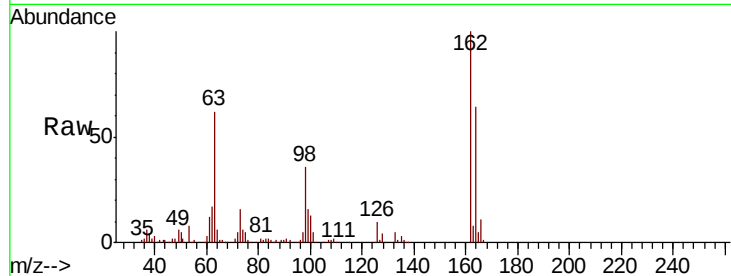
#29
2,4-Dichlorophenol
Concen: 42.296 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	39.4	79.4
98	35.9	15.3	55.3

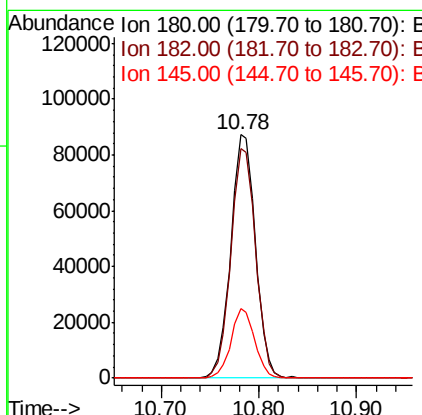
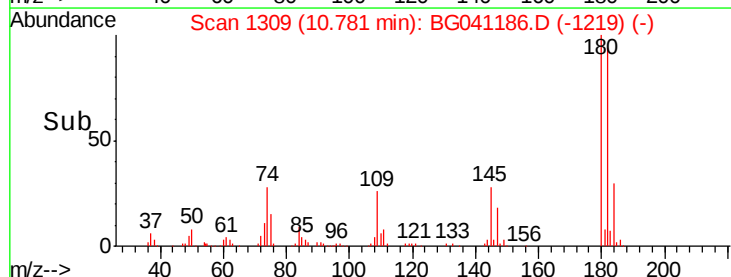
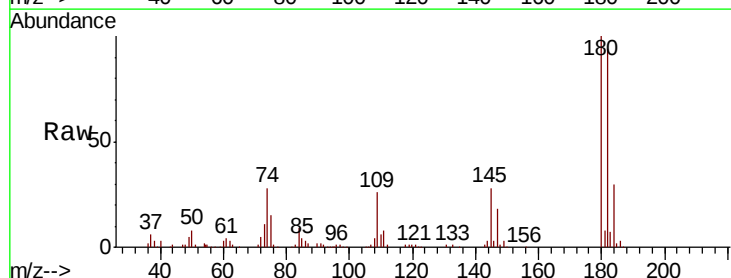
Manual Integrations
APPROVED

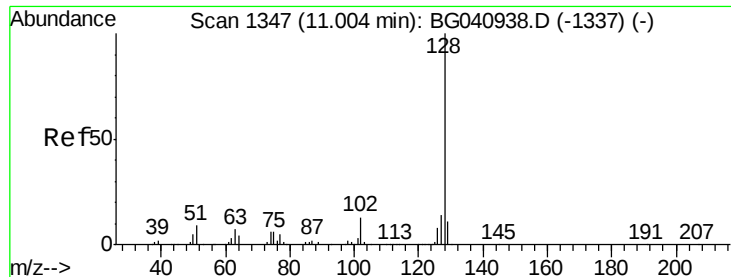
mohammad
6/14/2019 8:38:24 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.967 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	79.7	119.5
145	28.5	22.6	34.0





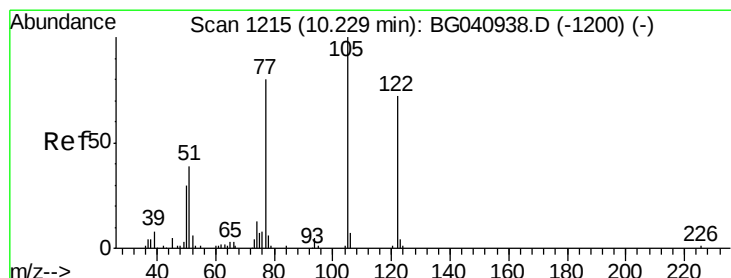
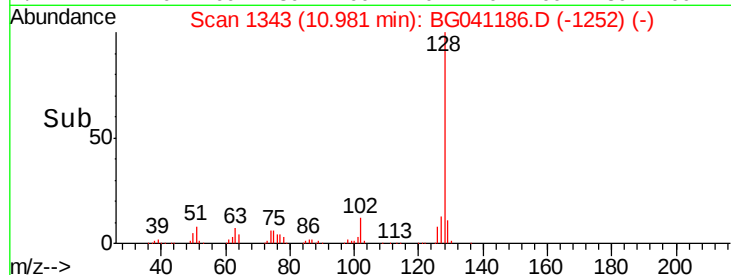
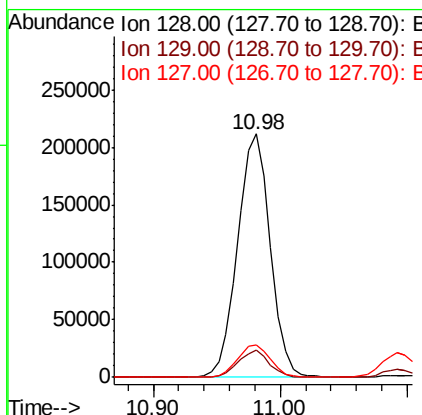
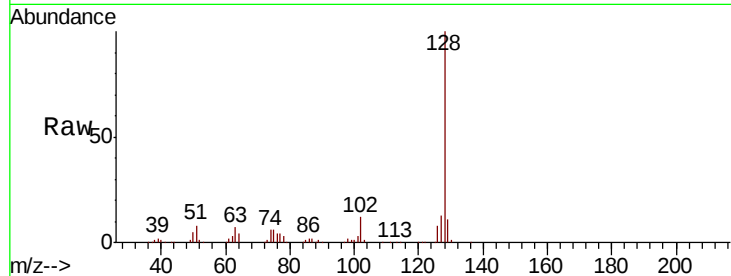
#31
Naphthalene
Concen: 41.250 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	13.4	11.4	17.2

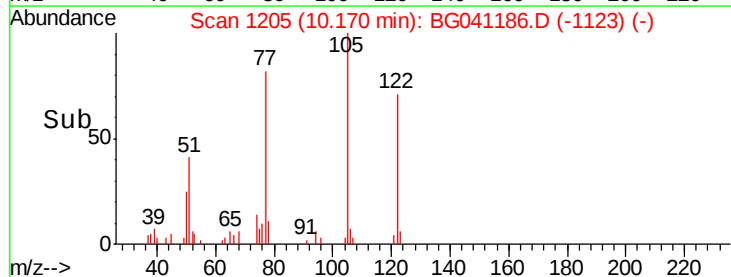
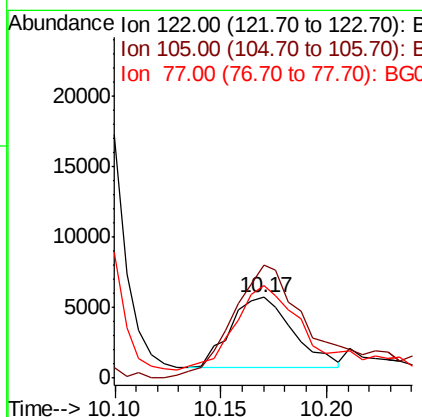
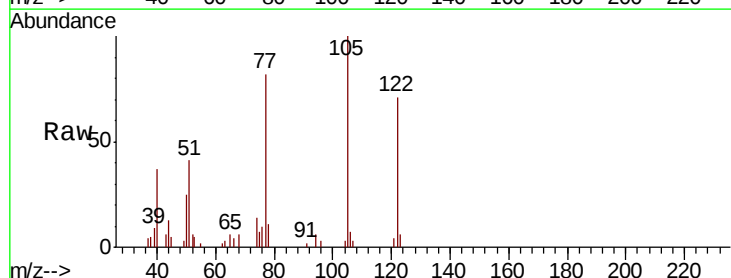
Manual Integrations
APPROVED

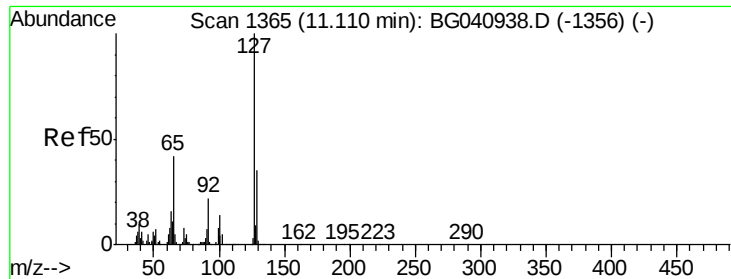
mohammad
6/14/2019 8:38:24 AM



#32
Benzoic acid
Concen: 12.245 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.05 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.7	114.8	154.8
77	114.9	89.9	129.9





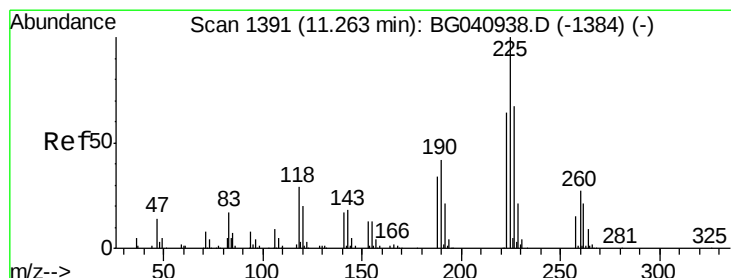
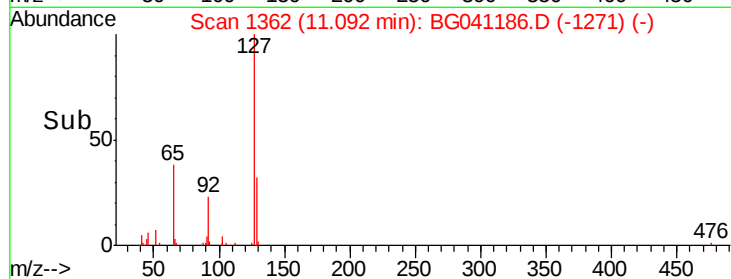
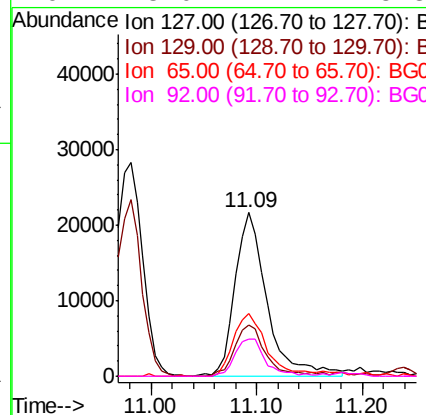
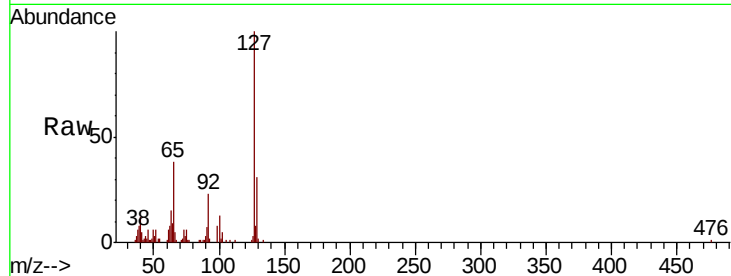
#33
 4-Chloroaniline
 Concen: 10.725 ng
 RT: 11.09 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BG041186.D
 Acq: 11 Jun 2019 12:54

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

Tot Ion:	127	Resp:	45396
Ion Ratio	Lower	Upper	
127	100		
129	31.1	27.7	41.5
65	38.5	33.2	49.8
92	23.0	17.2	25.8

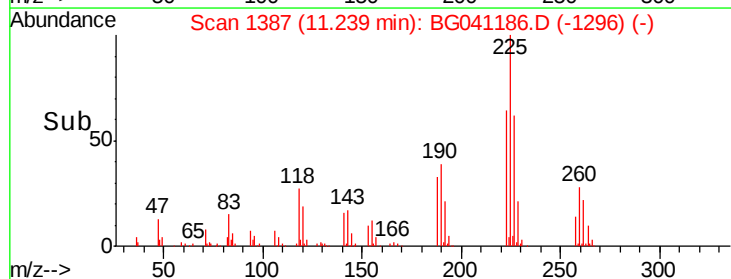
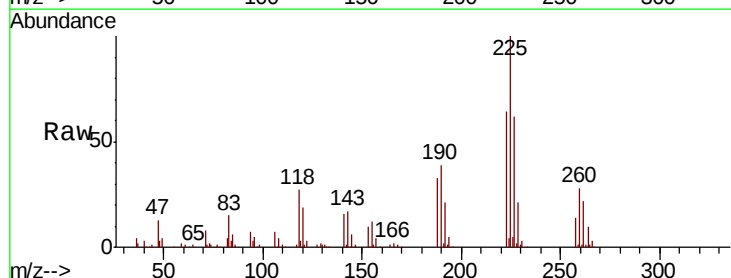
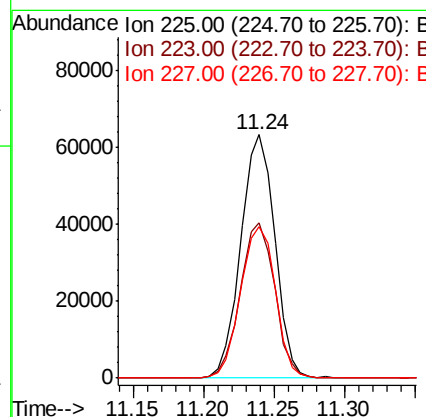
Manual Integrations
 APPROVED

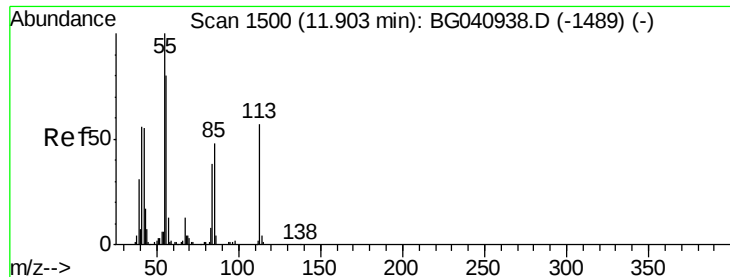
mohammad
 6/14/2019 8:38:24 AM



#34
 Hexachlorobutadiene
 Concen: 36.610 ng
 RT: 11.24 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BG041186.D
 Acq: 11 Jun 2019 12:54

Tgt Ion:	225	Resp:	107467
Ion Ratio	Lower	Upper	
225	100		
223	63.9	48.8	73.2
227	62.1	51.4	77.0





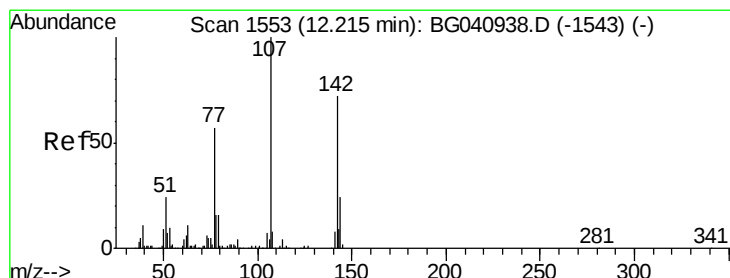
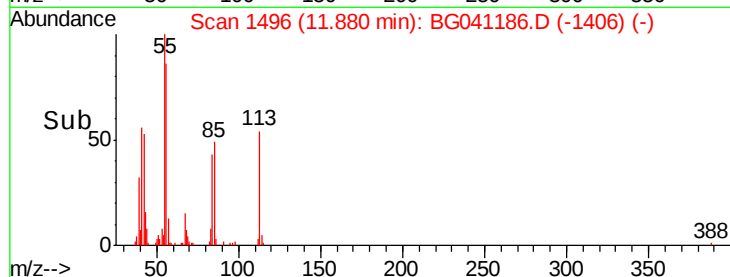
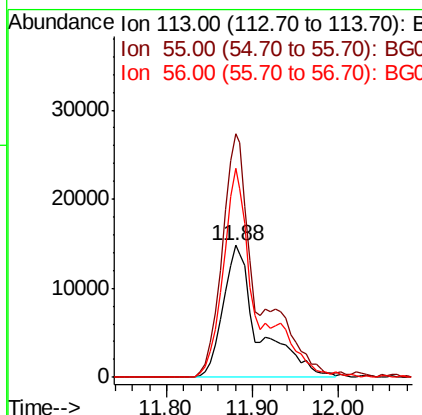
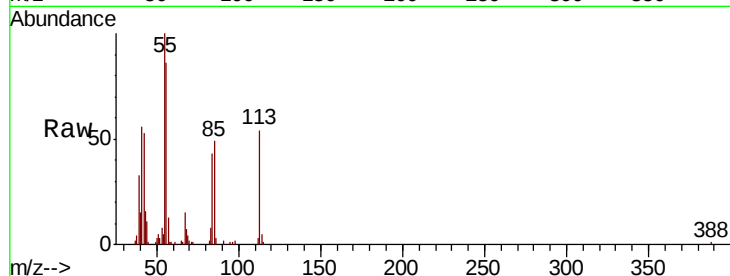
#35
 Caprolactam
 Concen: 39.148 ng/ml
 RT: 11.88 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BG041186.D
 Acq: 11 Jun 2019 12:54

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	184.4	155.9	195.9
56	158.1	119.9	159.9

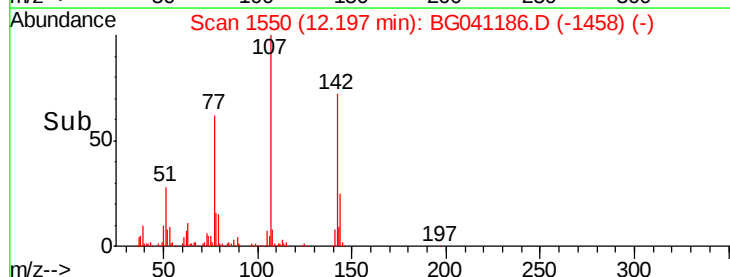
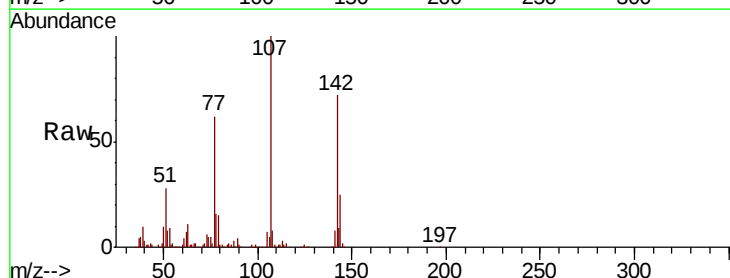
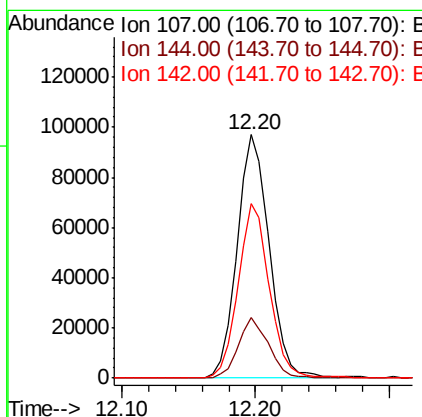
Manual Integrations
 APPROVED

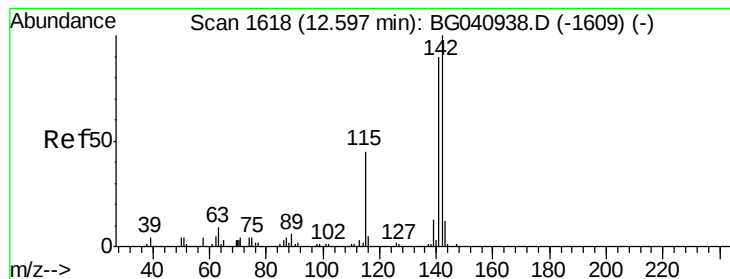
mohammad
 6/14/2019 8:38:24 AM



#36
 4-Chloro-3-methylphenol
 Concen: 41.731 ng
 RT: 12.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BG041186.D
 Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.4	29.0
142	71.6	57.3	85.9





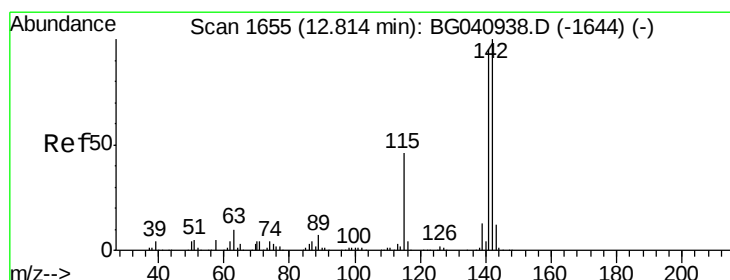
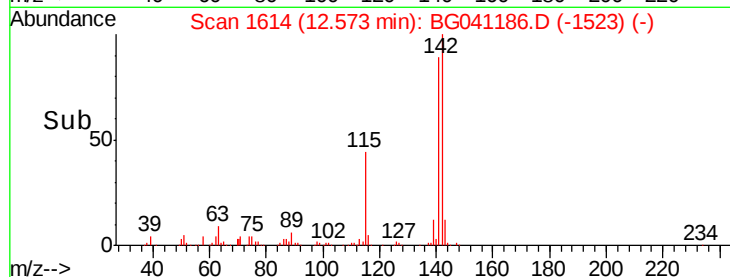
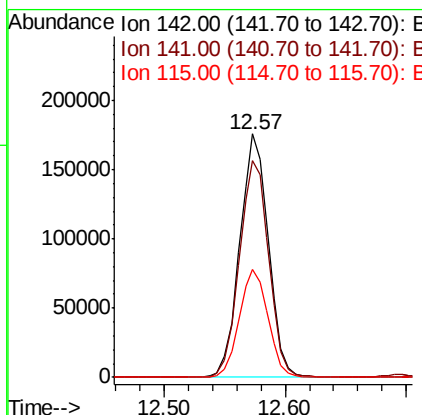
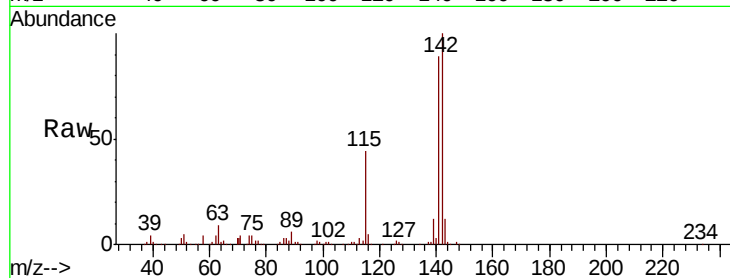
#37
2-Methylnaphthalene
Concen: 41.120 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.2	108.4
115	44.4	36.2	54.4

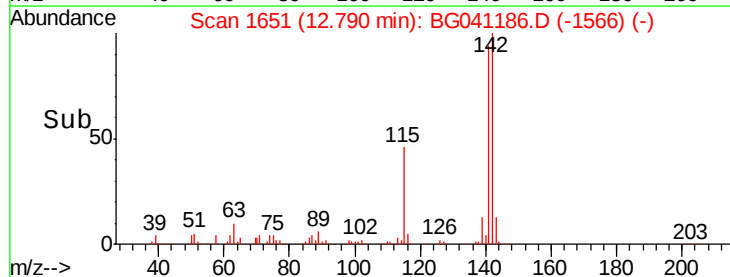
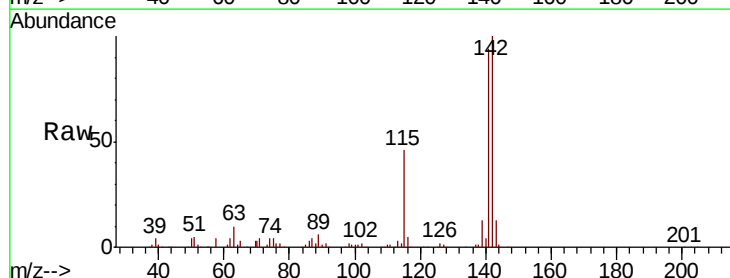
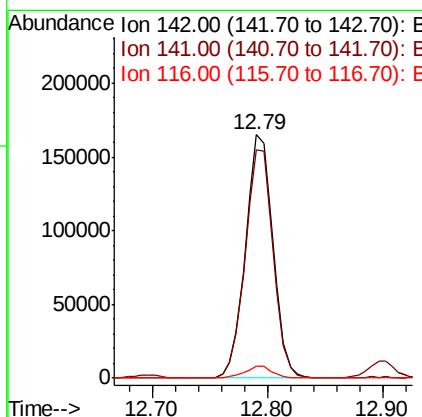
Manual Integrations
APPROVED

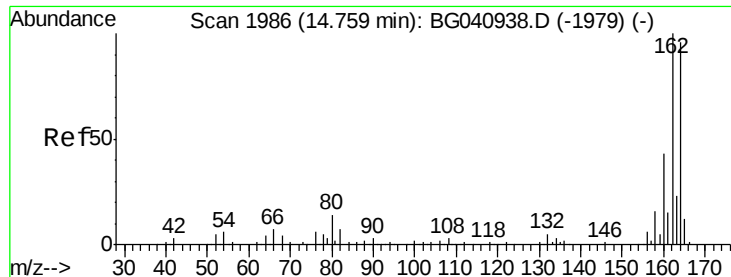
mohammad
6/14/2019 8:38:24 AM



#38
1-Methylnaphthalene
Concen: 41.432 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.7	113.5
116	4.9	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

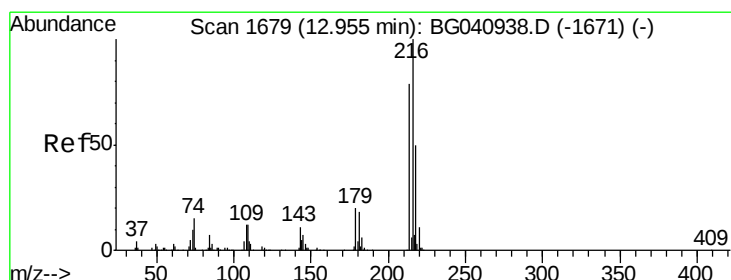
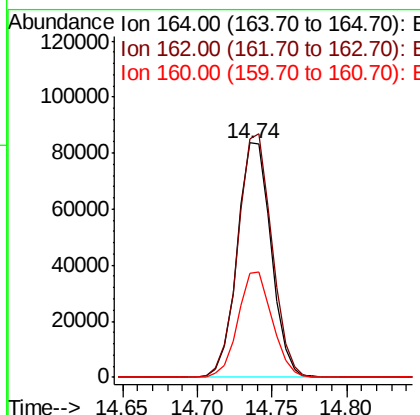
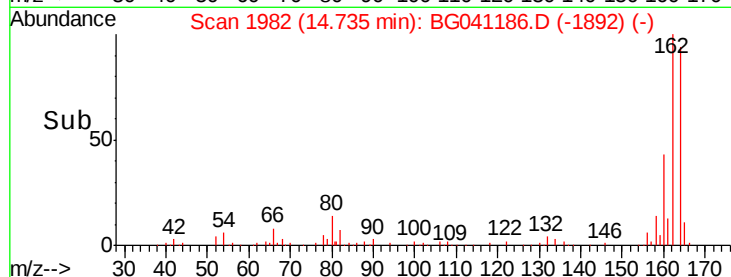
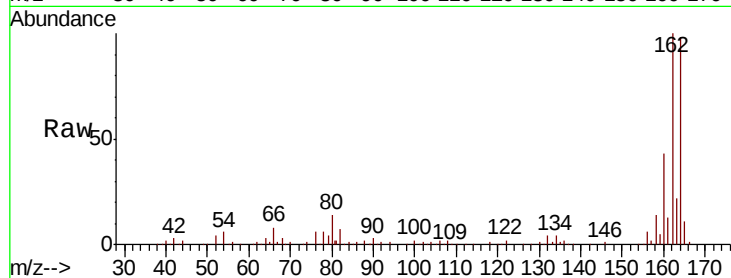
ClientSampleId :

B-01-(0-37)COMPMSD

Tot Ion:	164	Resp:	131122
Ion Ratio	Lower	Upper	
164	100		
162	101.8	83.0	124.4
160	44.2	35.6	53.4

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.841 ng

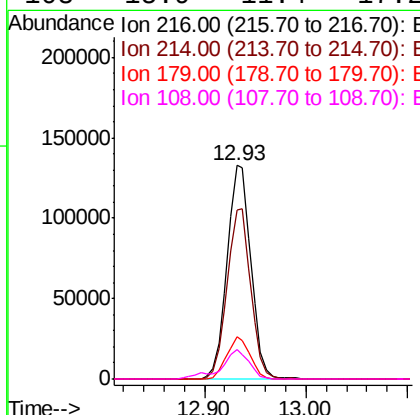
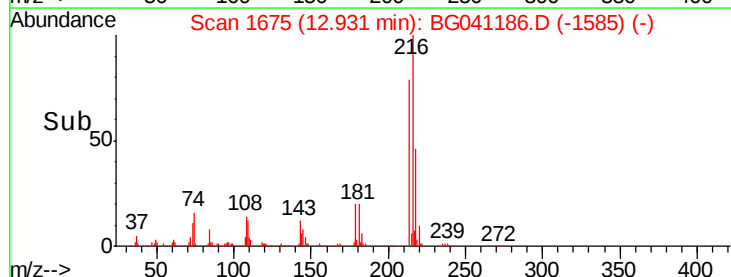
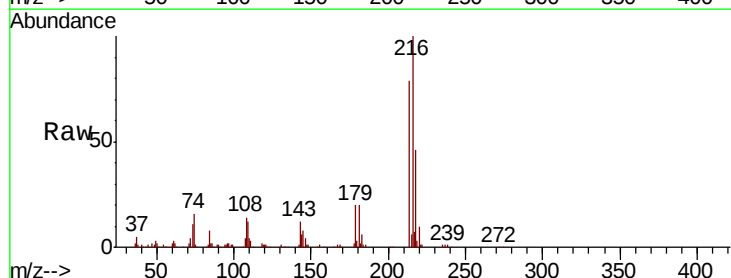
RT: 12.93 min Scan# 1675

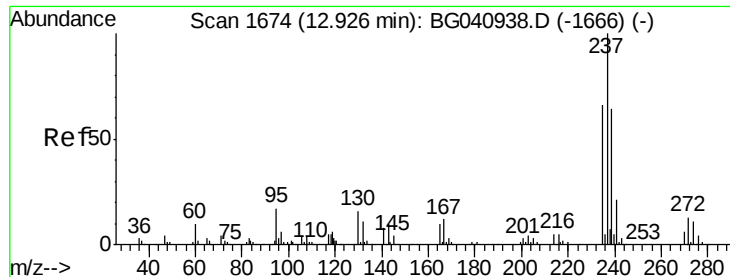
Delta R.T. -0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion:	216	Resp:	215842
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.4	95.2
179	19.1	15.2	22.8
108	15.9	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 70.925 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

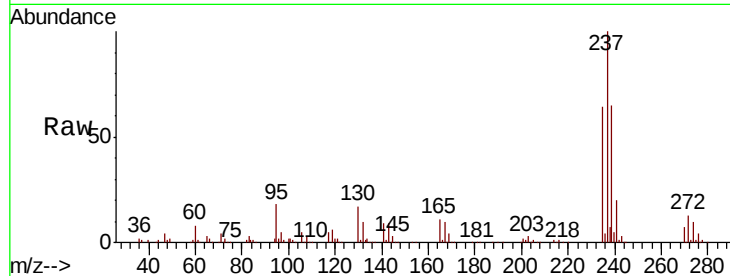
ClientSampleId :

B-01-(0-37)COMPMSD

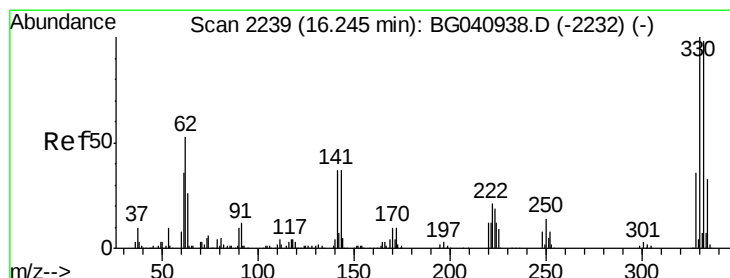
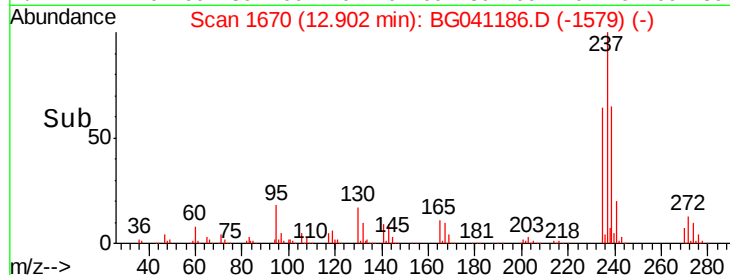
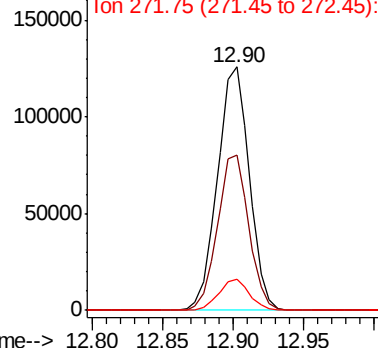
Tot Ion:	237	Resp:	198533
Ion Ratio	Lower	Upper	
237	100		
235	63.5	45.5	85.5
272	12.7	0.0	32.9

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



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



#42

2,4,6-Tribromophenol

Concen: 130.191 ng

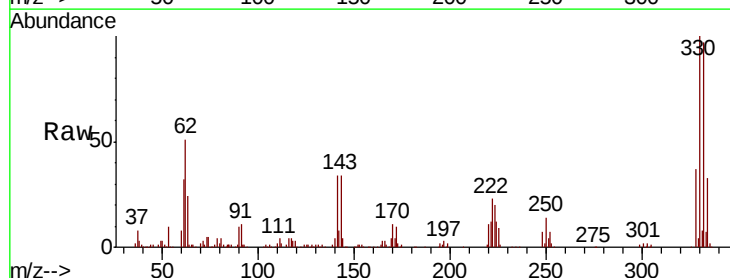
RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

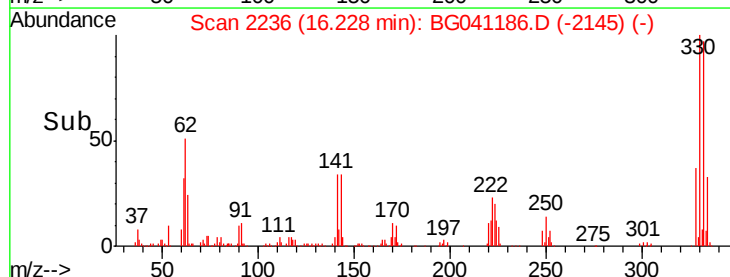
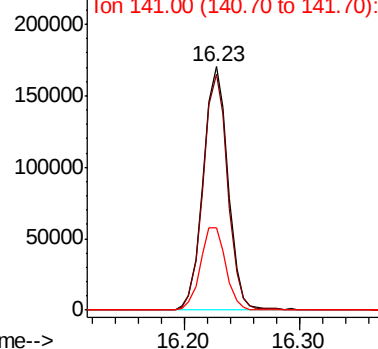
Lab File: BG041186.D

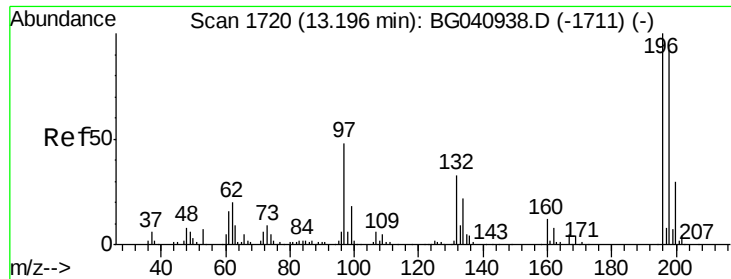
Acq: 11 Jun 2019 12:54

Tgt Ion:	330	Resp:	253429
Ion Ratio	Lower	Upper	
330	100		
332	96.1	78.5	117.7
141	34.7	28.7	43.1



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





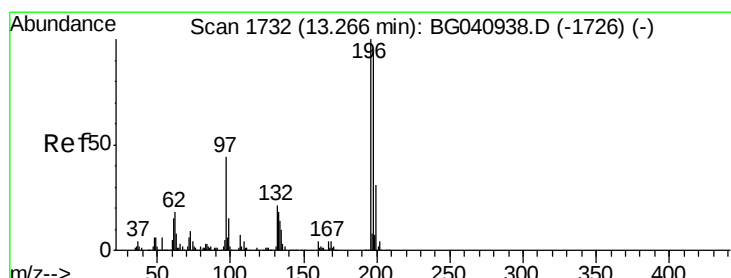
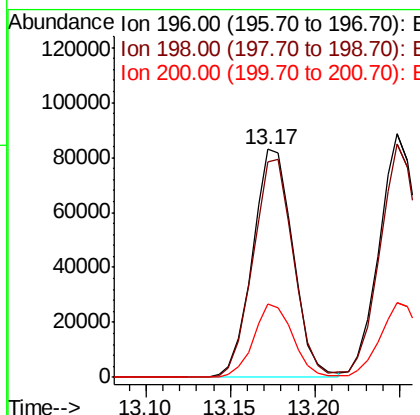
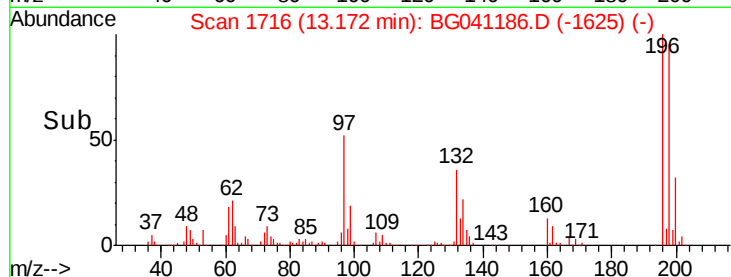
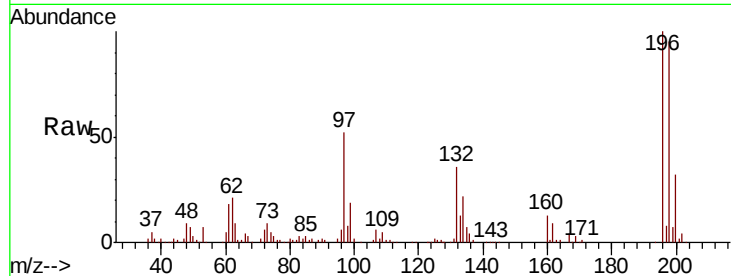
#43
 2,4,6-Trichlorophenol
 Concen: 40.384 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041186.D
 Acq: 11 Jun 2019 12:54

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	138067		
198	94.6	73.8	110.6	
200	32.1	24.1	36.1	

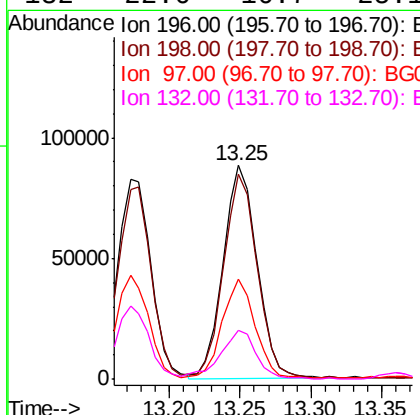
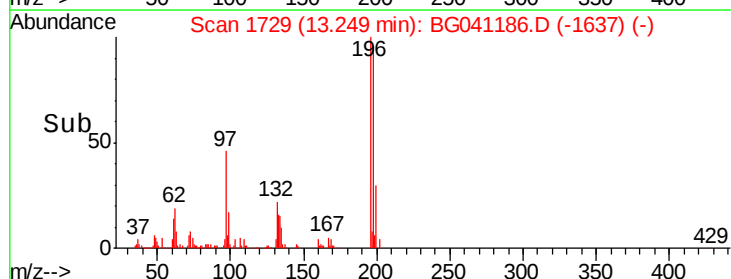
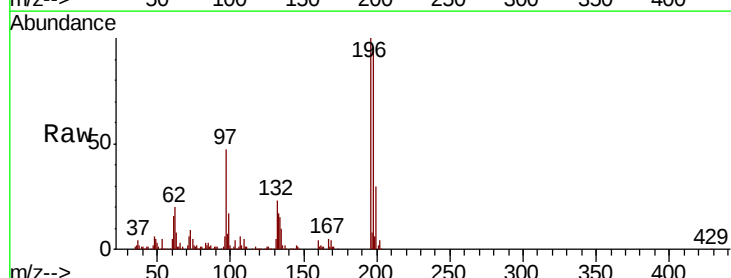
Manual Integrations
 APPROVED

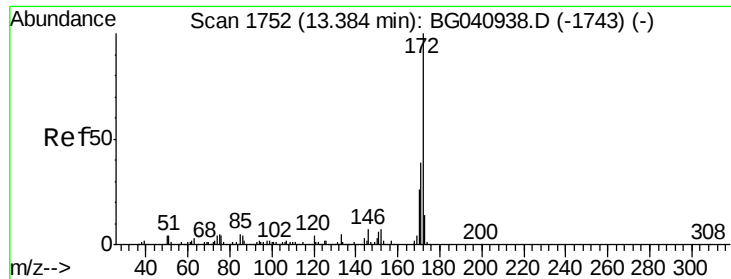
mohammad
 6/14/2019 8:38:24 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.965 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041186.D
 Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	147707		
198	95.6	75.1	112.7	
97	46.9	35.6	53.4	
132	22.6	16.7	25.1	





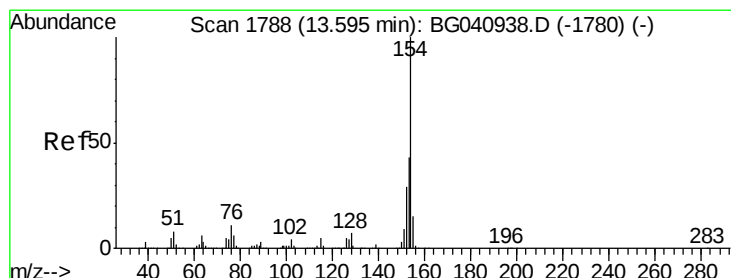
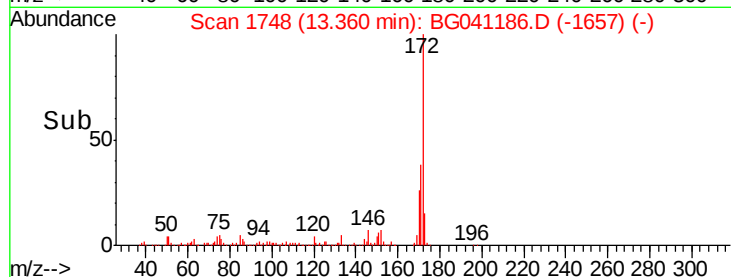
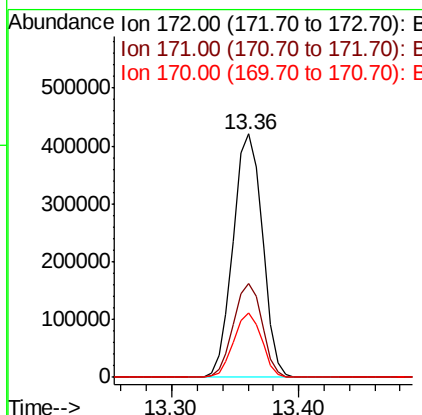
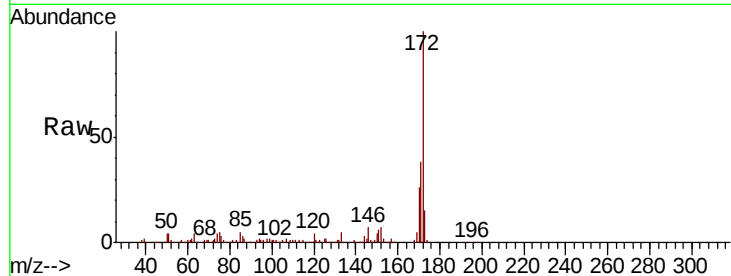
#45
2-Fluorobiphenyl
Concen: 74.031 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.1	46.7
170	26.3	20.5	30.7

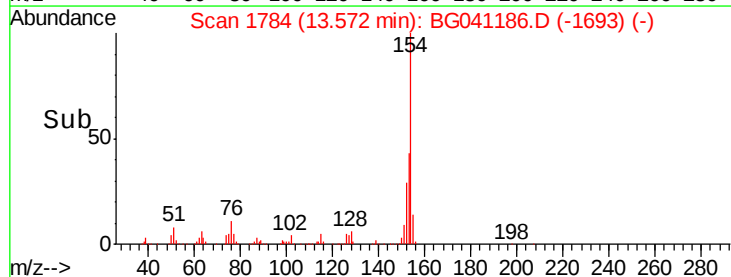
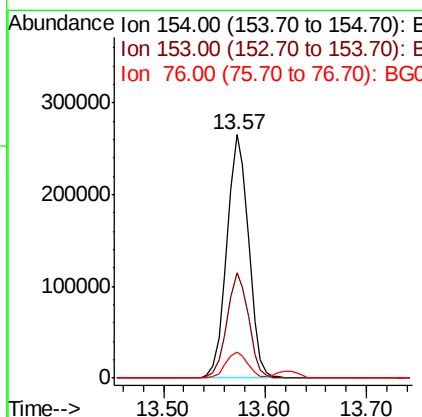
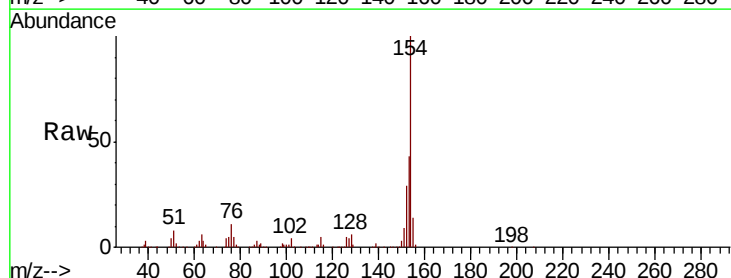
Manual Integrations
APPROVED

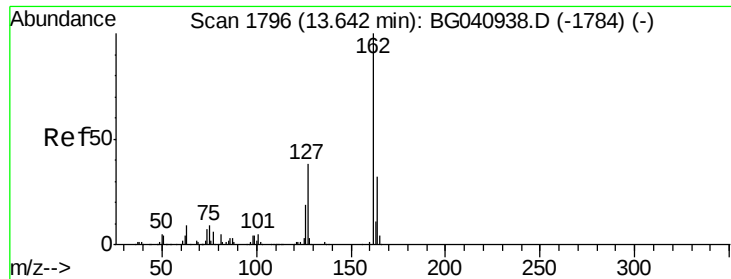
mohammad
6/14/2019 8:38:24 AM



#46
1,1'-Biphenyl
Concen: 40.713 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.3	63.3
76	10.5	0.0	31.1





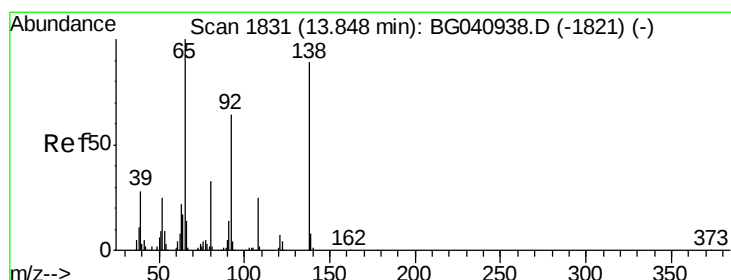
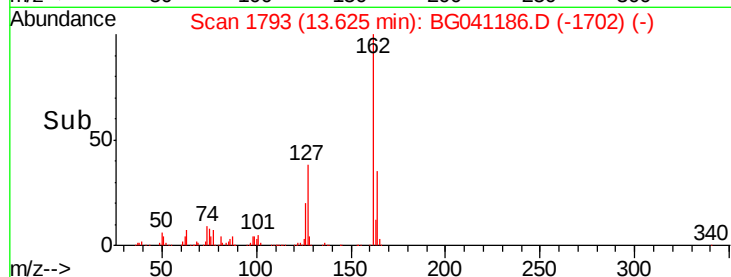
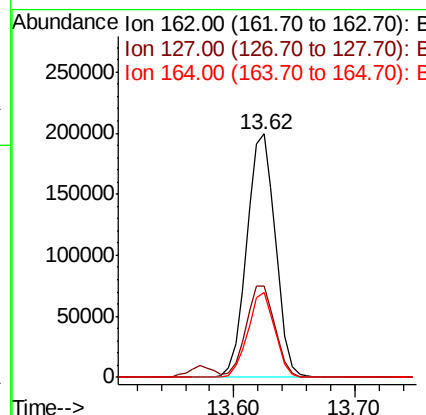
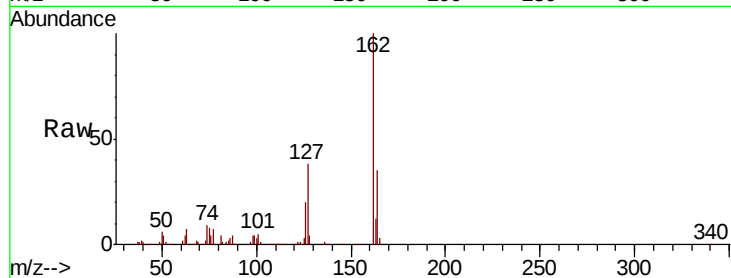
#47
2-Chloronaphthalene
Concen: 39.512 ng
RT: 13.62 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.5	45.7
164	34.7	25.8	38.6

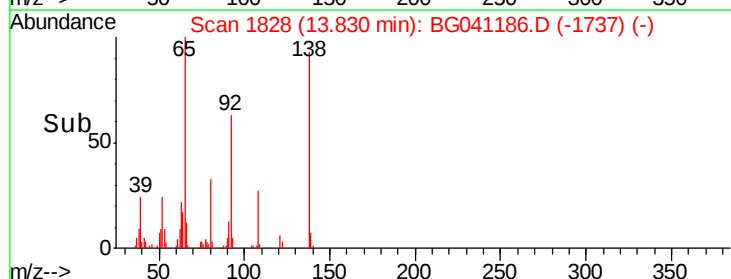
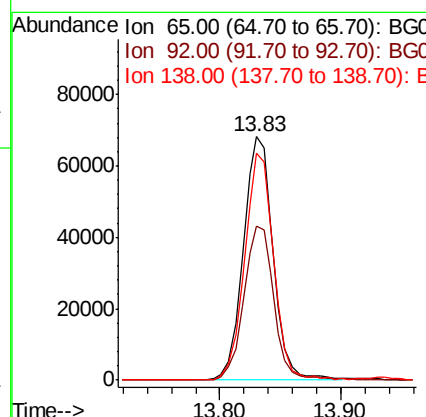
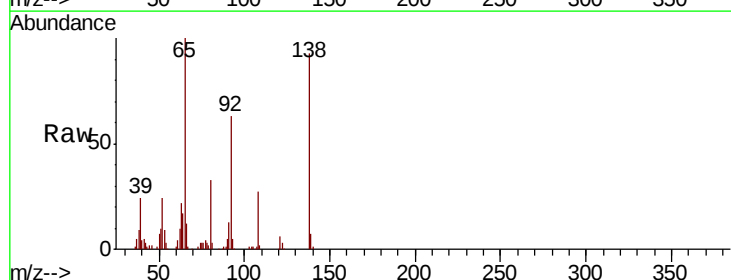
Manual Integrations
APPROVED

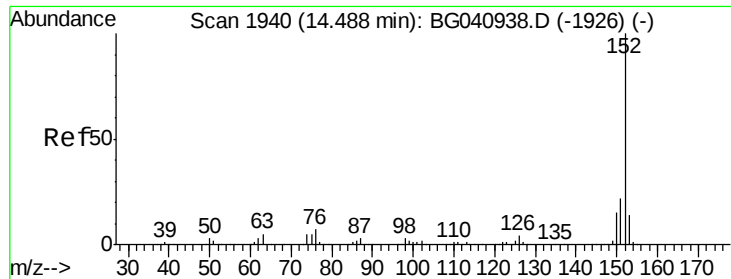
mohammad
6/14/2019 8:38:24 AM



#48
2-Nitroaniline
Concen: 39.121 ng
RT: 13.83 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	51.0	76.6
138	93.2	71.2	106.8





#49

Acenaphthylene

Concen: 41.112 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

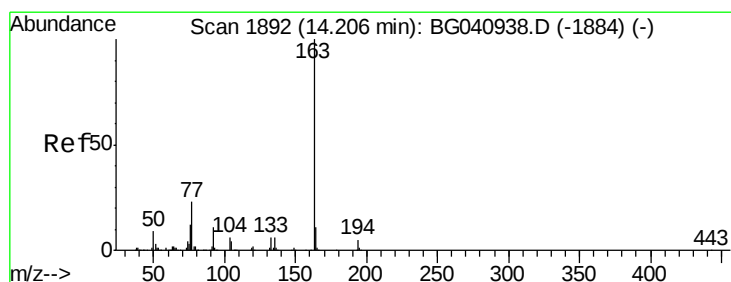
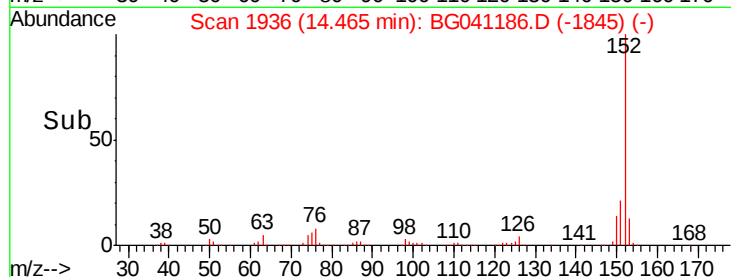
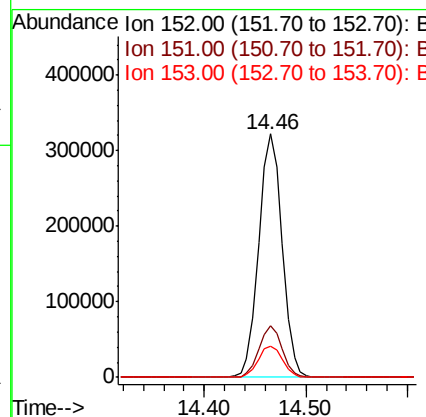
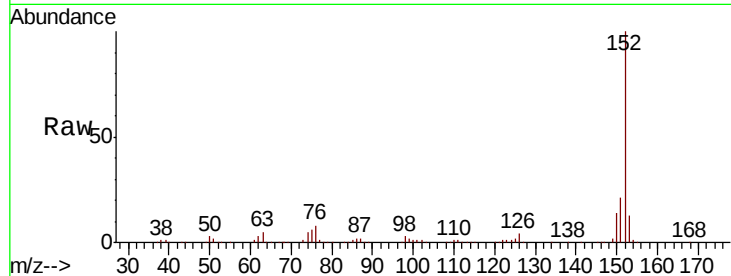
ClientSampleId :

B-01-(0-37)COMPMSD

Tot Ion:	152	Resp:	515577
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.4	26.0
153	12.6	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



#50

Dimethylphthalate

Concen: 43.816 ng

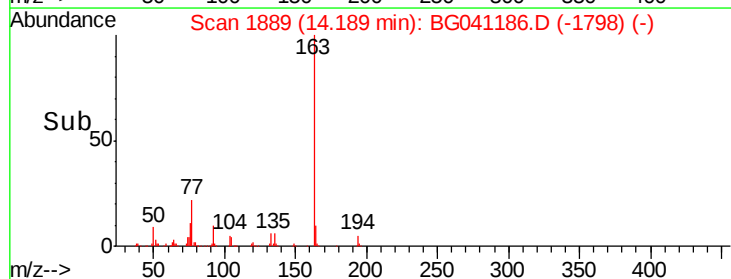
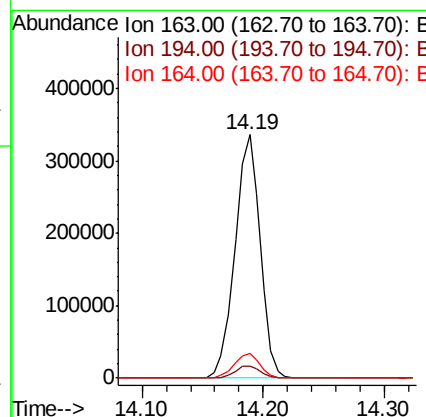
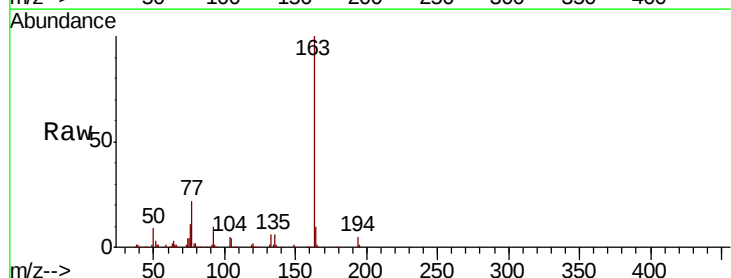
RT: 14.19 min Scan# 1889

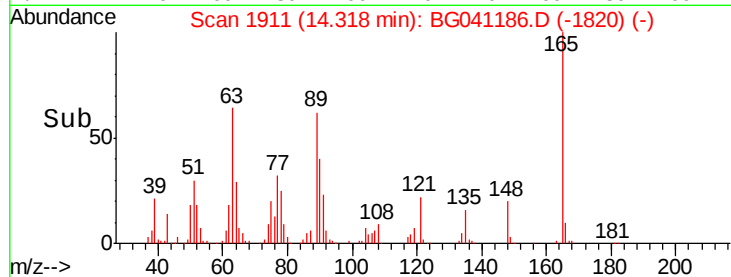
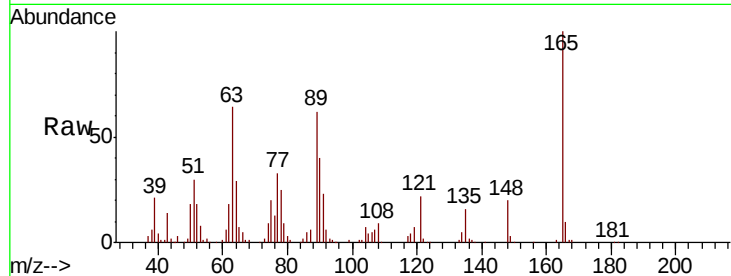
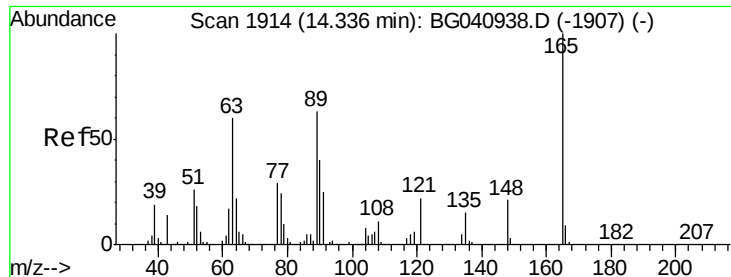
Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion:	163	Resp:	486336
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.8	5.8
164	10.1	8.7	13.1





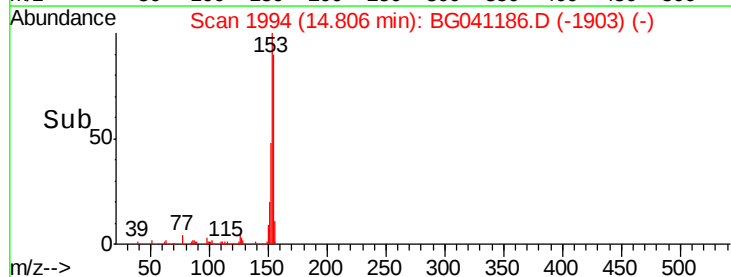
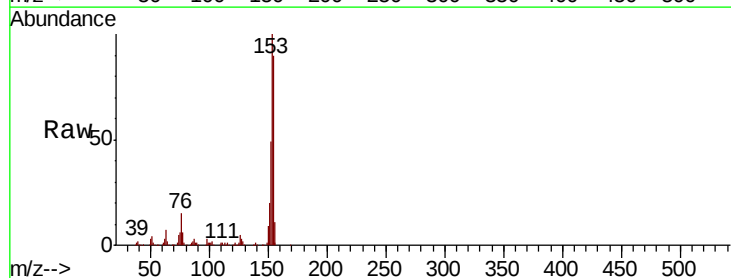
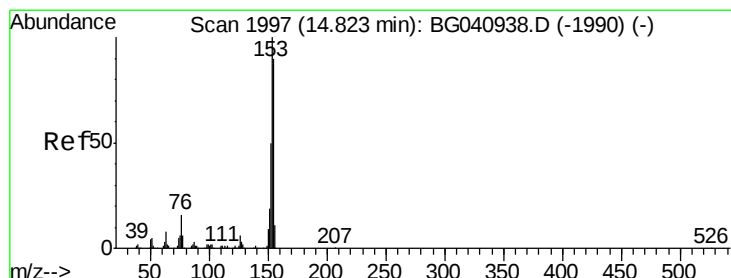
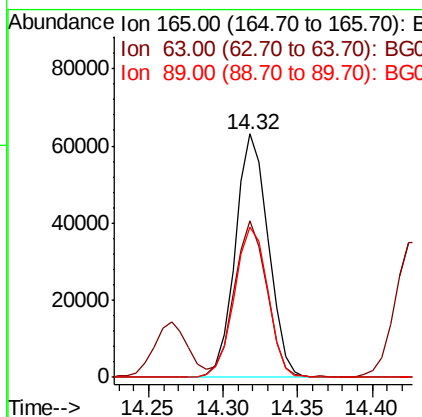
#51
2,6-Dinitrotoluene
Concen: 40.361 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tot Ion	165	Resp	96590
Ion Ratio	Lower	Upper	
165	100		
63	64.4	53.6	80.4
89	61.9	50.4	75.6

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

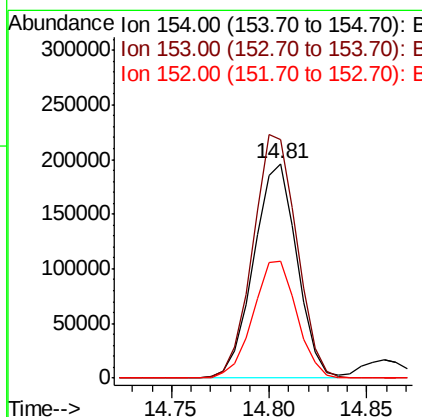
Manual Integrations
APPROVED

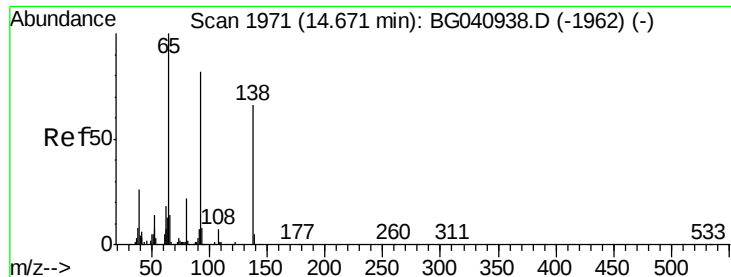
mohammad
6/14/2019 8:38:24 AM



#52
Acenaphthene
Concen: 39.716 ng
RT: 14.81 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	154	Resp	301726
Ion Ratio	Lower	Upper	
154	100		
153	111.3	88.6	133.0
152	54.2	44.2	66.4





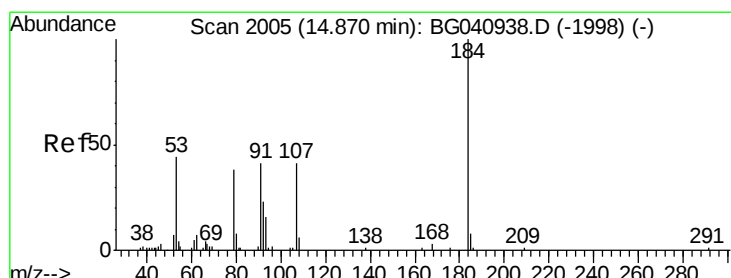
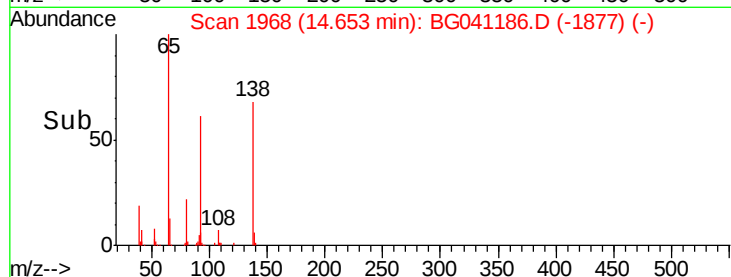
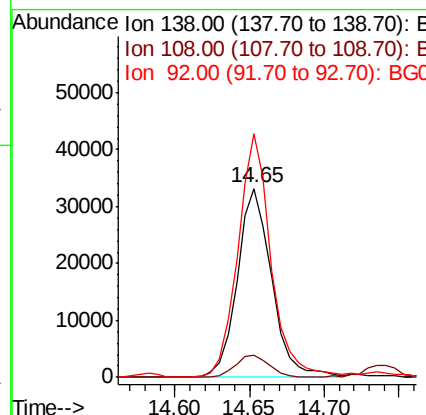
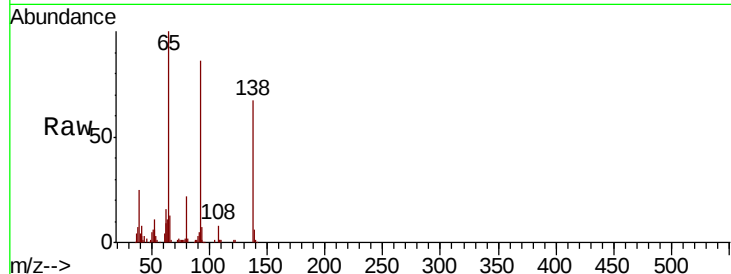
#53
3-Nitroaniline
Concen: 22.186 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.5	12.7
92	129.1	99.0	148.6

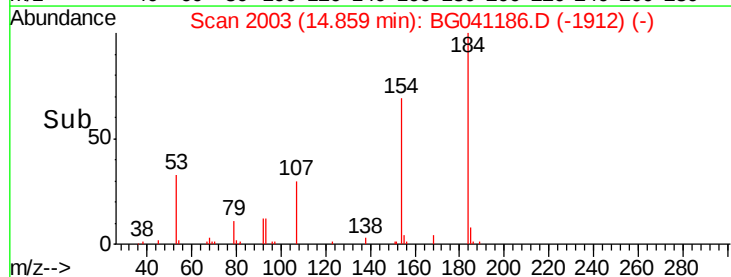
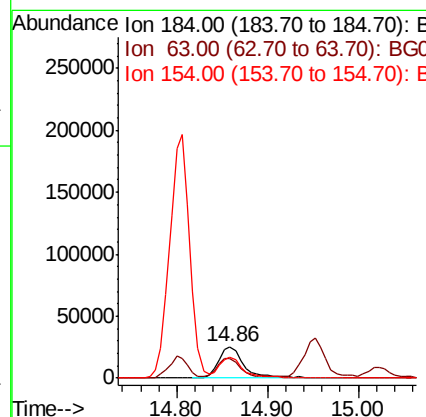
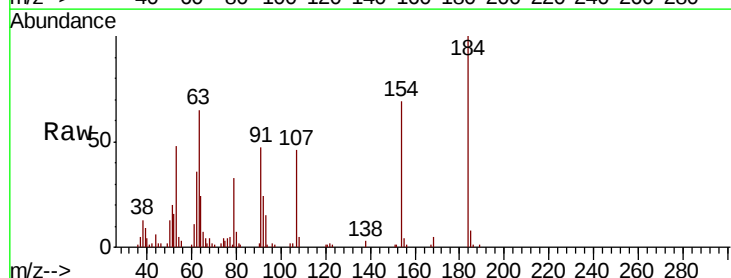
Manual Integrations
APPROVED

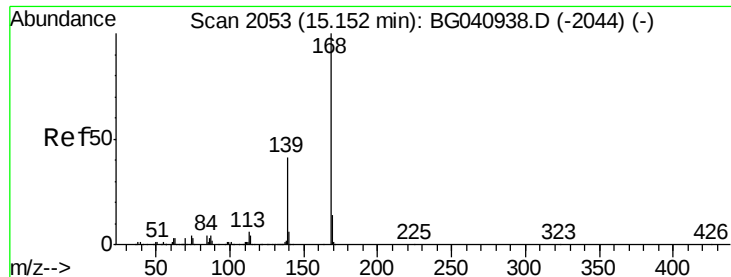
mohammad
6/14/2019 8:38:24 AM



#54
2,4-Dinitrophenol
Concen: 48.528 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.7	49.8	74.6
154	68.6	52.2	78.4





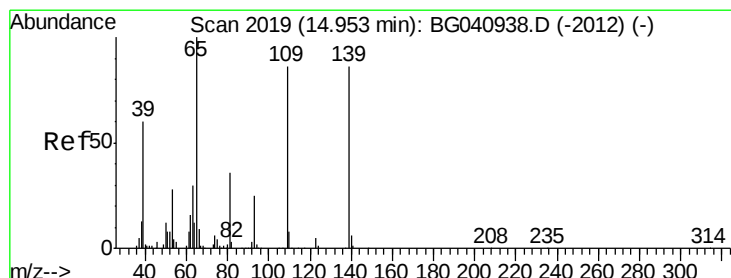
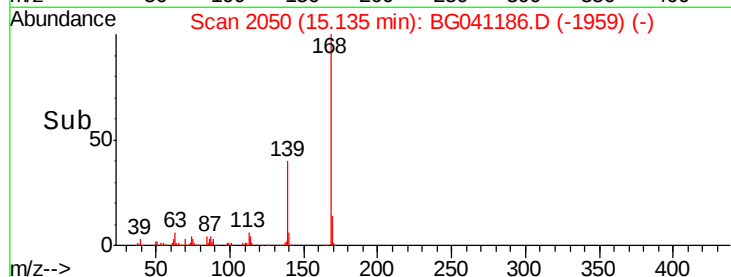
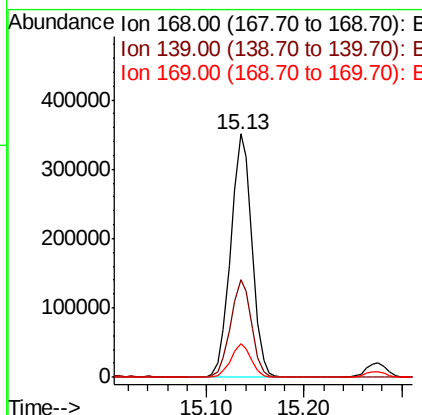
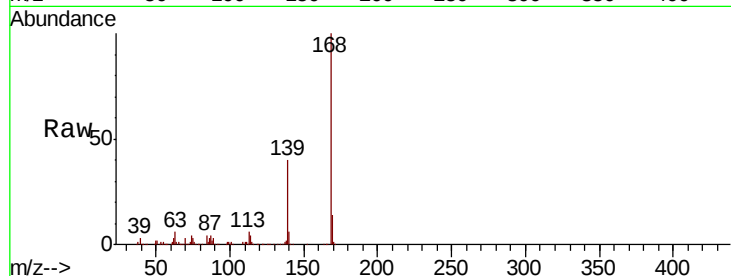
#55
Dibenzenofuran
Concen: 41.199 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	32.8	49.2
169	13.9	11.3	16.9

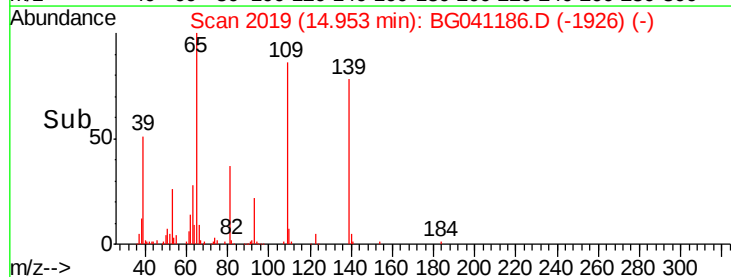
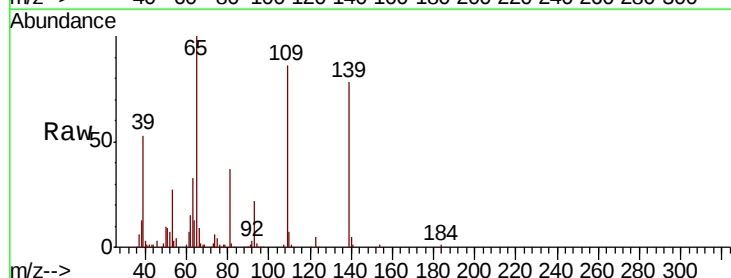
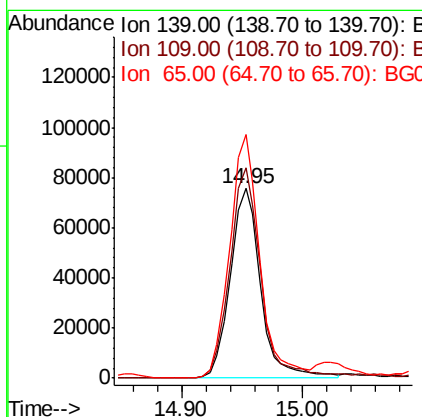
Manual Integrations
APPROVED

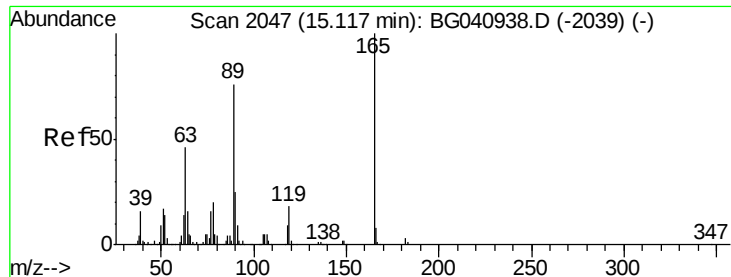
mohammad
6/14/2019 8:38:24 AM



#56
4-Nitrophenol
Concen: 81.003 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.7	79.6	119.6
65	128.5	96.9	136.9





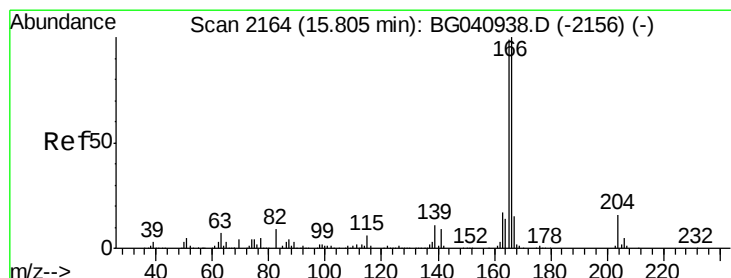
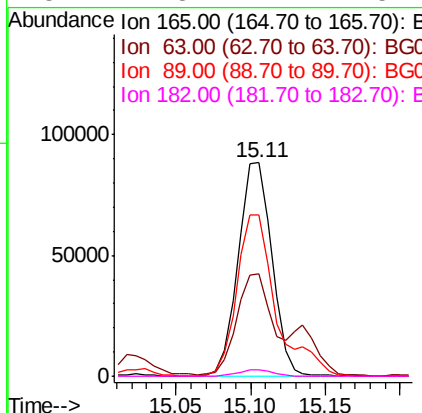
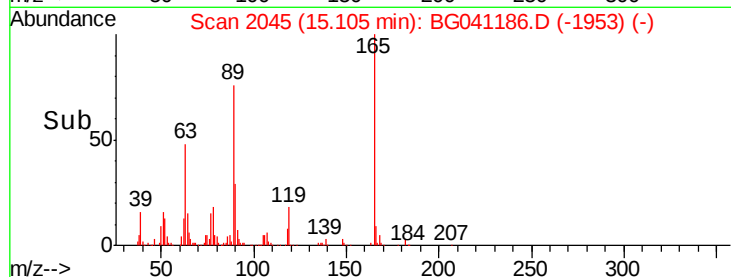
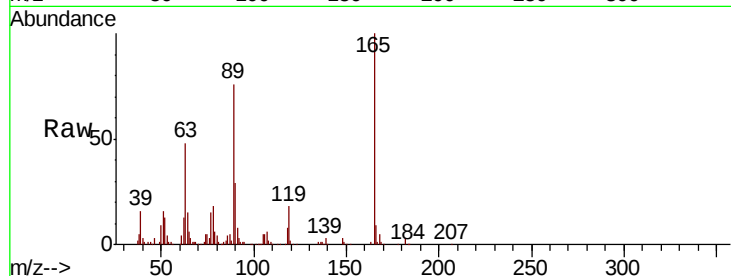
#57
2,4-Dinitrotoluene
Concen: 41.059 ng
RT: 15.11 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	37.3	55.9
89	75.6	61.0	91.6
182	2.8	2.2	3.2

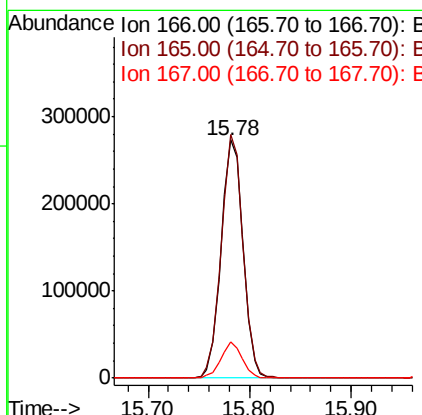
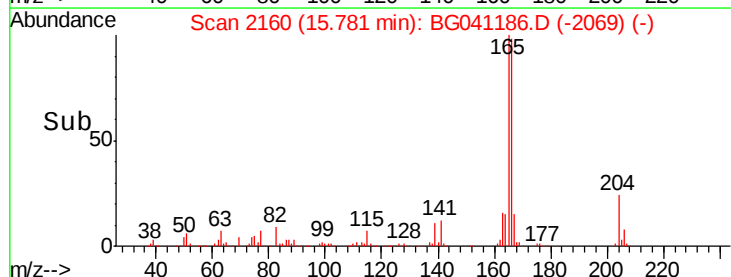
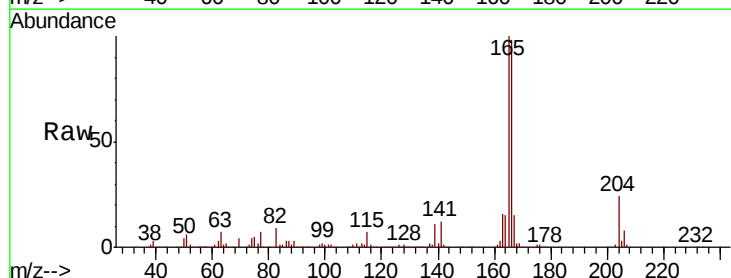
Manual Integrations
APPROVED

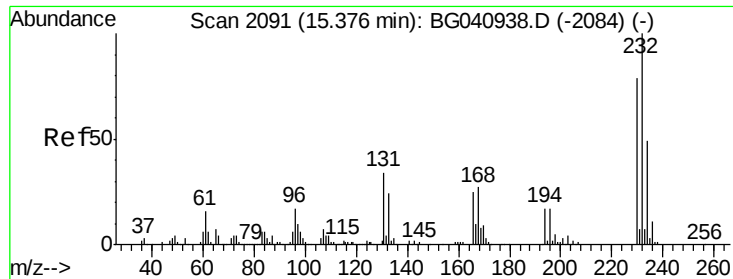
mohammad
6/14/2019 8:38:24 AM



#58
Fluorene
Concen: 40.423 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.2	118.8
167	15.1	11.8	17.6





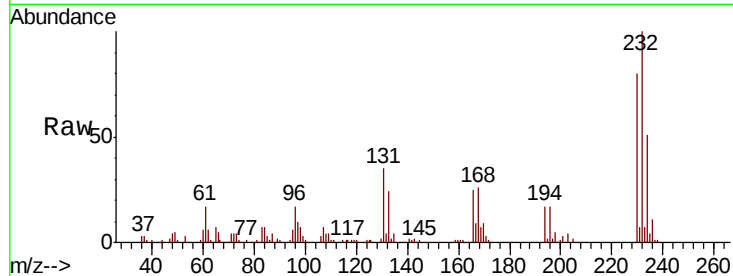
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.341 ng
RT: 15.36 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

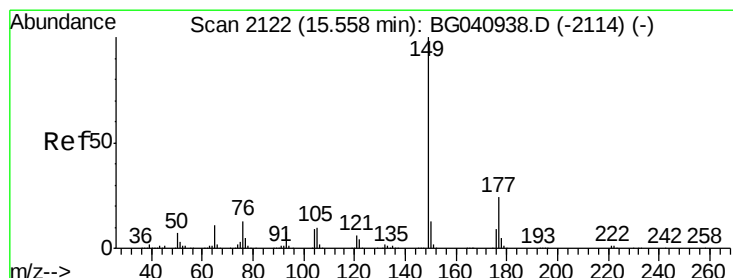
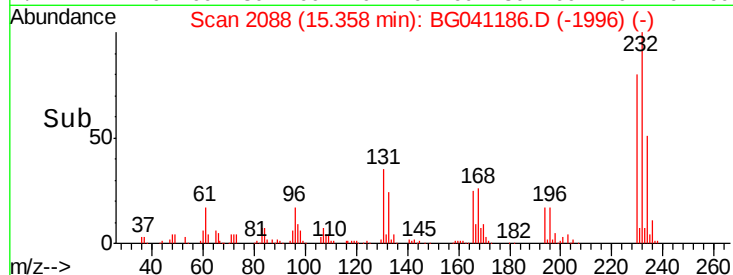
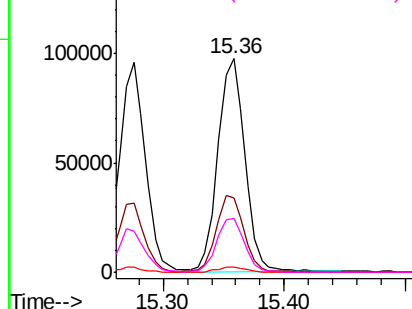
Tot Ion:	232	Resp:	150034
Ion Ratio	Lower	Upper	
232	100		
131	37.3	30.3	45.5
130	2.3	1.8	2.8
166	26.3	21.3	31.9

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM

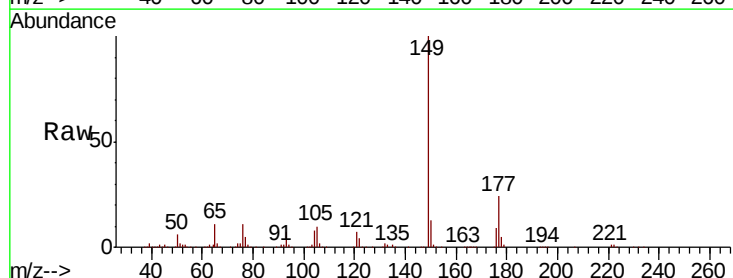


Abundance Ion 232.00 (231.70 to 232.70): E
150000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

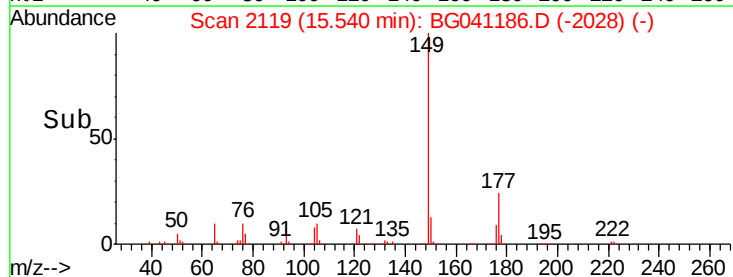
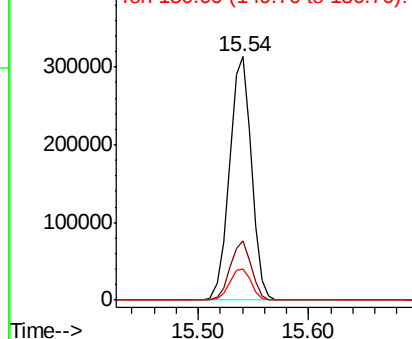


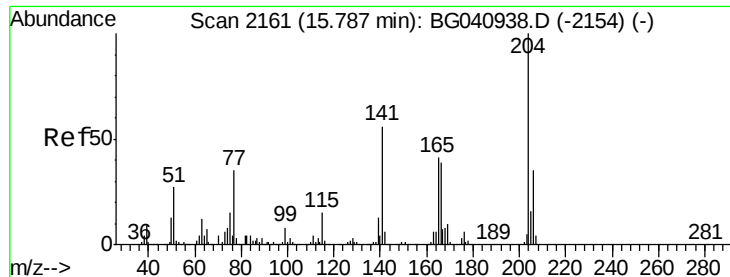
#60
Diethylphthalate
Concen: 38.431 ng
RT: 15.54 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion:	149	Resp:	435323
Ion Ratio	Lower	Upper	
149	100		
177	24.3	19.4	29.0
150	12.5	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
400000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





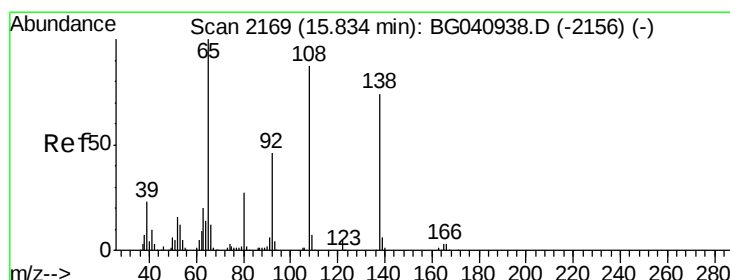
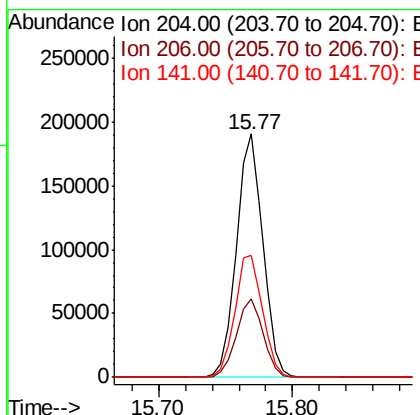
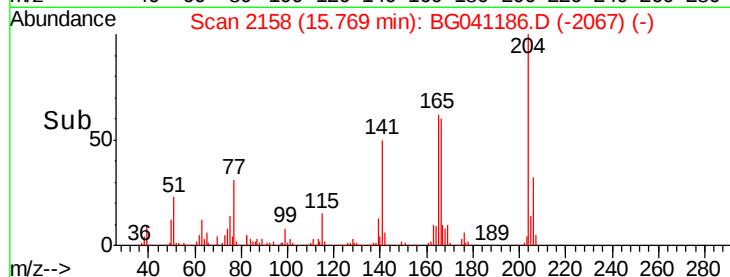
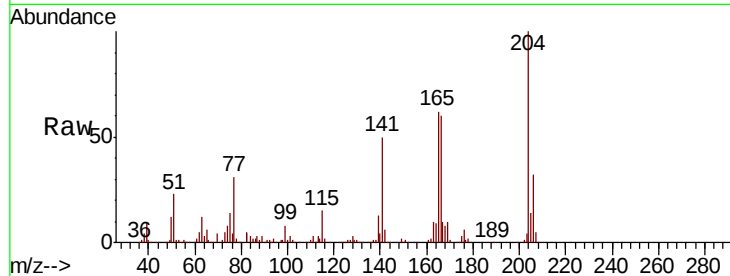
#61
4-Chlorophenyl-phenylether
Concen: 39.427 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	27.6	41.4
141	50.0	45.1	67.7

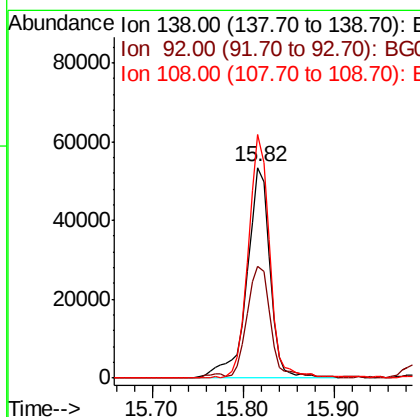
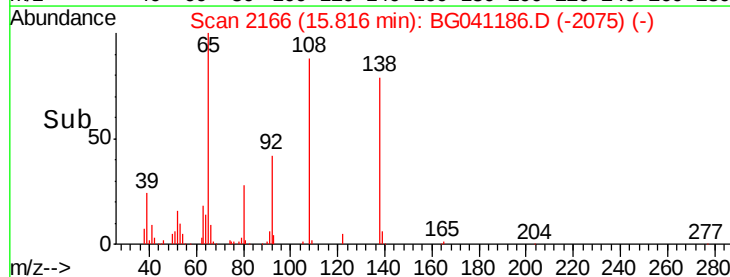
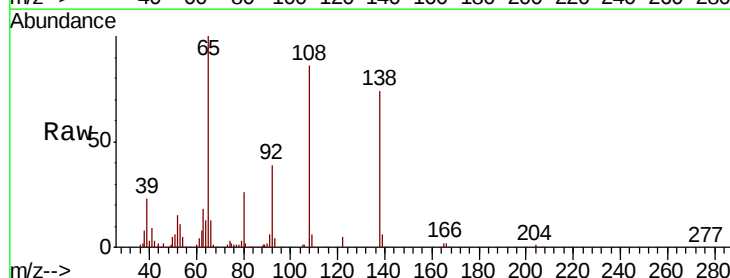
Manual Integrations
APPROVED

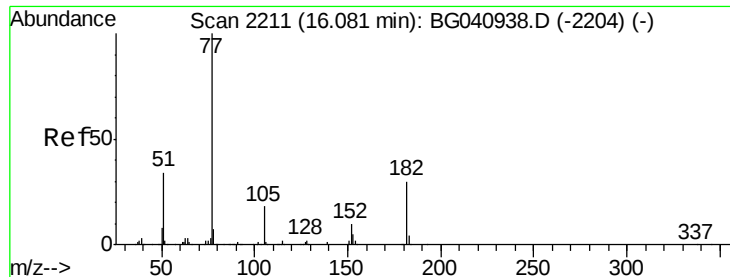
mohammad
6/14/2019 8:38:24 AM



#62
4-Nitroaniline
Concen: 37.058 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	42.4	82.4
108	115.5	96.9	136.9





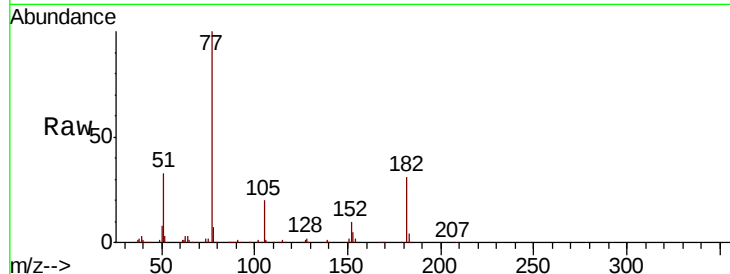
#63
Azobenzene
Concen: 39.137 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

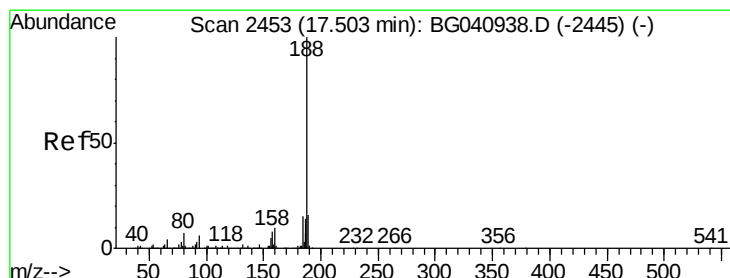
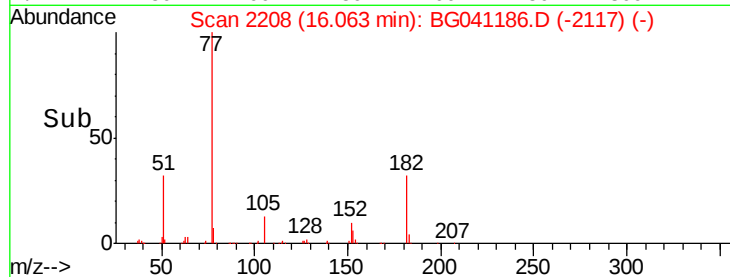
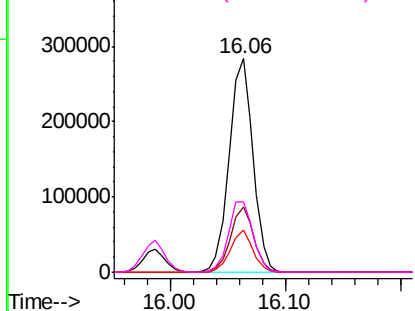
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	30.7		9.6	49.6	
105	19.5		0.0	37.5	
51	33.1		13.7	53.7	

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



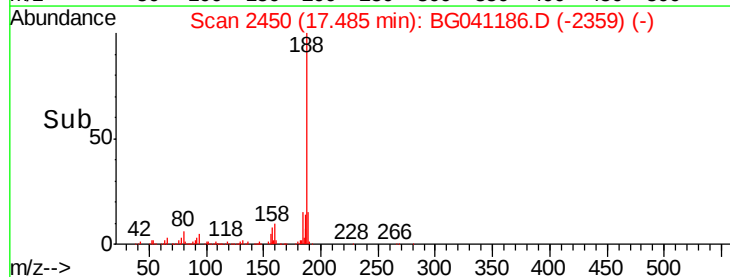
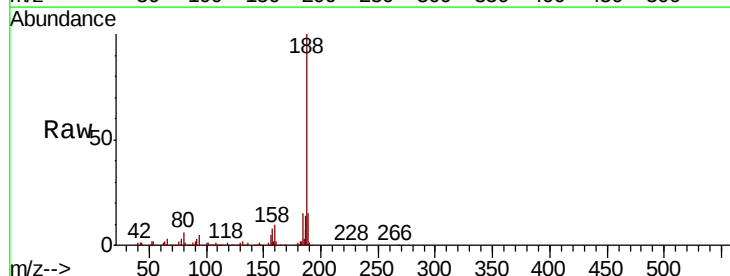
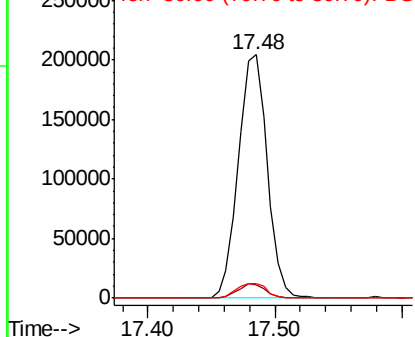
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

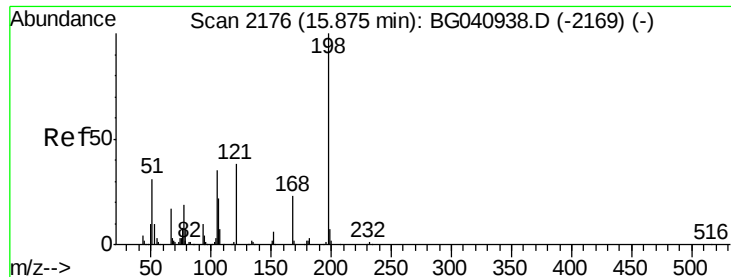


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.3		4.7	7.1	
80	6.1		5.8	8.8	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.216 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

Tot Ion:198 Resp: 68538

Ion Ratio Lower Upper

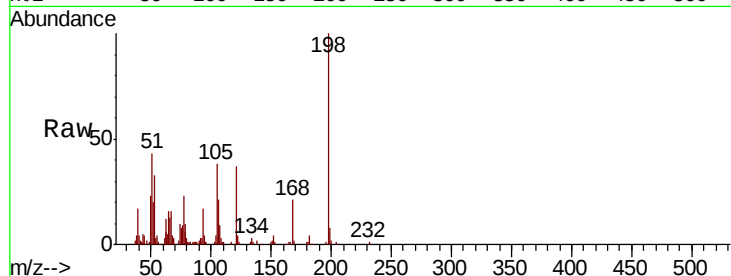
198 100

51 43.3 21.6 61.6

105 38.3 17.5 57.5

Manual Integrations
APPROVED

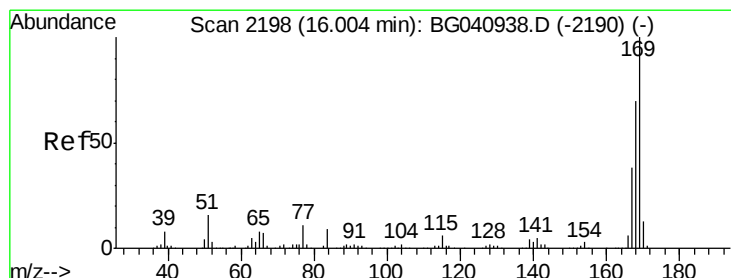
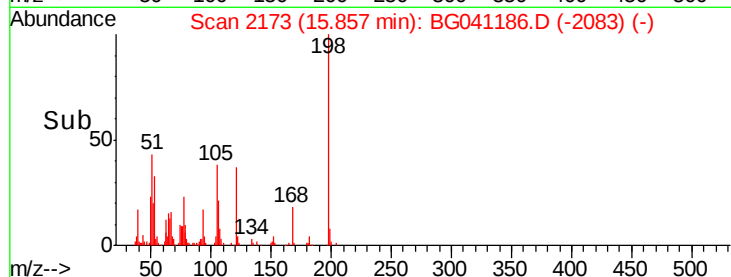
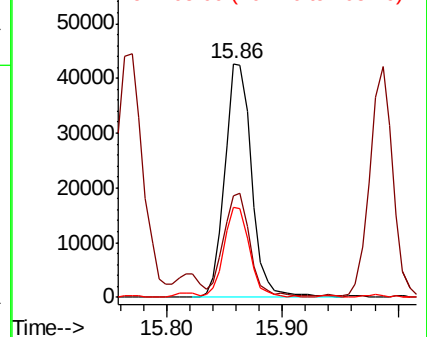
mohammad
6/14/2019 8:38:24 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.244 ng

RT: 15.99 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

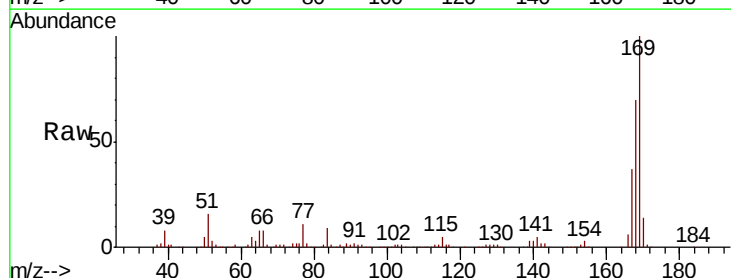
Tgt Ion:169 Resp: 373181

Ion Ratio Lower Upper

169 100

168 69.7 55.7 83.5

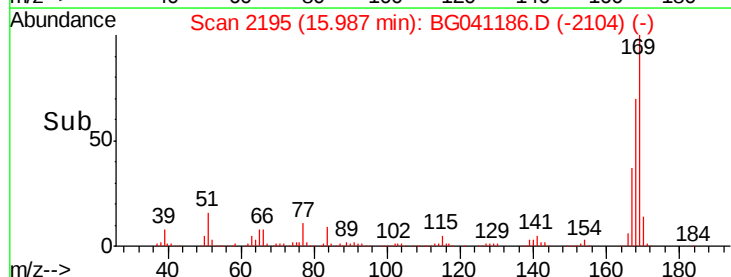
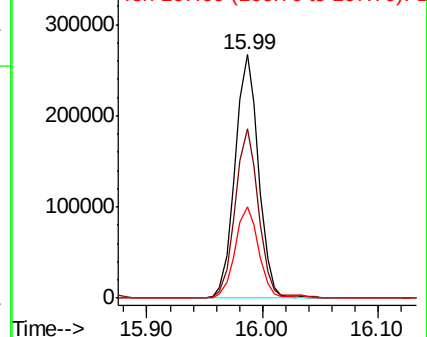
167 37.3 30.2 45.2

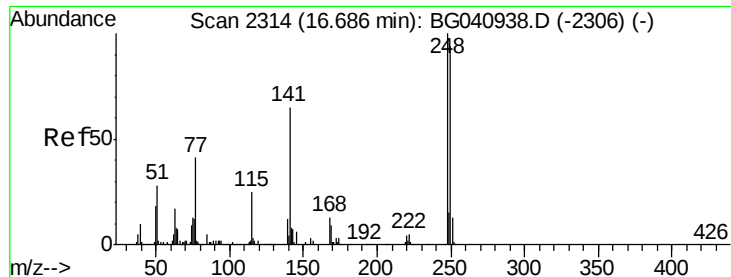


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





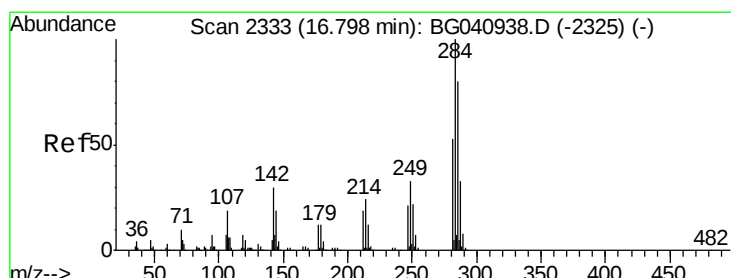
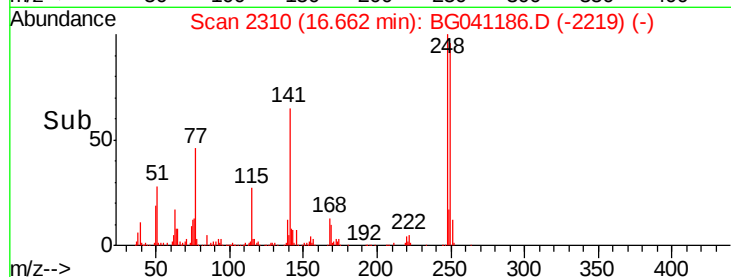
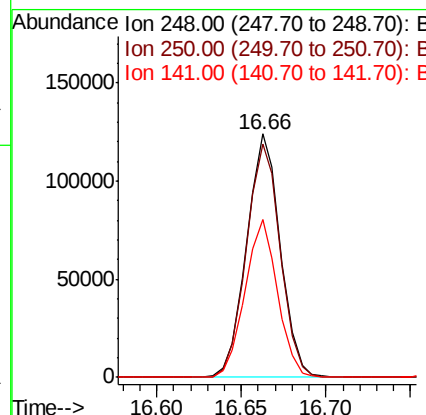
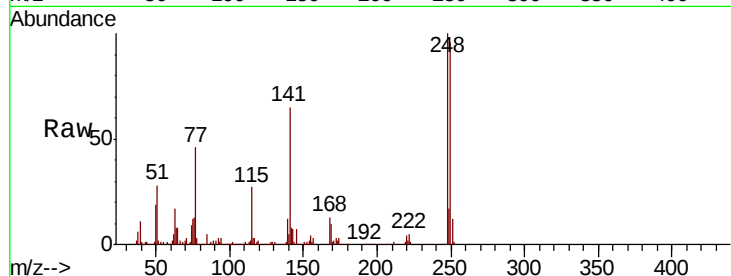
#67
4-Bromophenyl-phenylether
Concen: 39.549 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	75.0	112.4
141	64.9	52.4	78.6

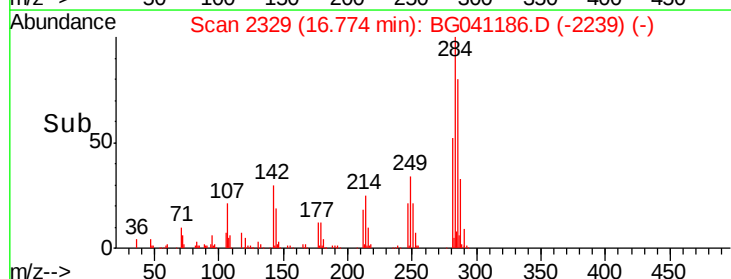
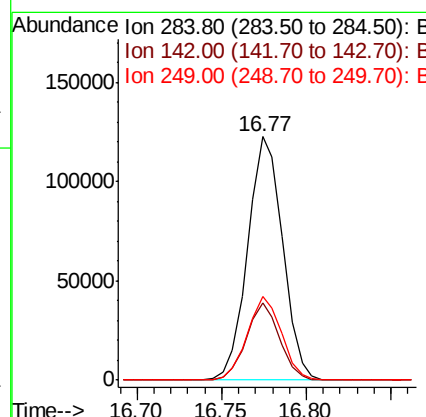
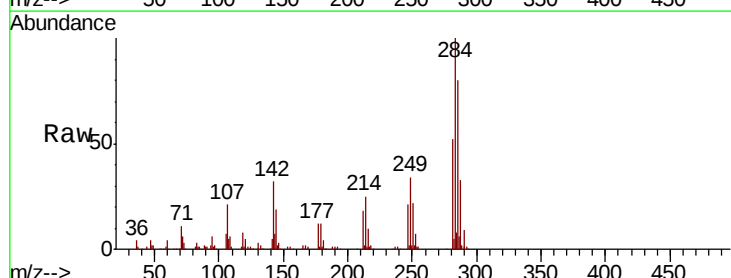
Manual Integrations
APPROVED

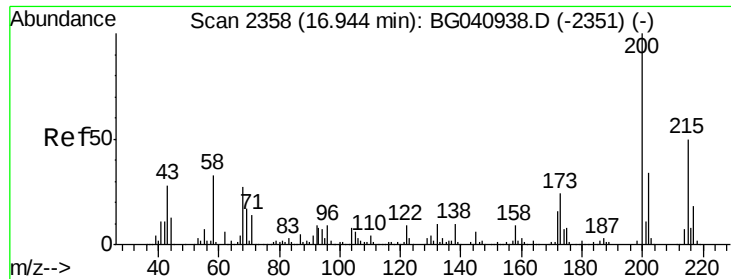
mohammad
6/14/2019 8:38:24 AM



#68
Hexachlorobenzene
Concen: 38.172 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	23.9	35.9
249	34.2	26.8	40.2





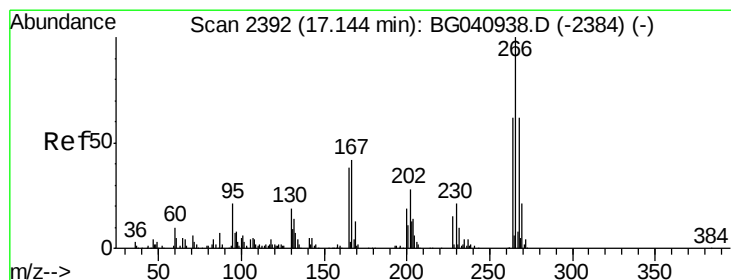
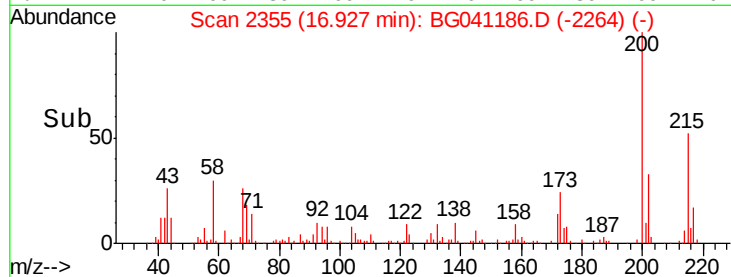
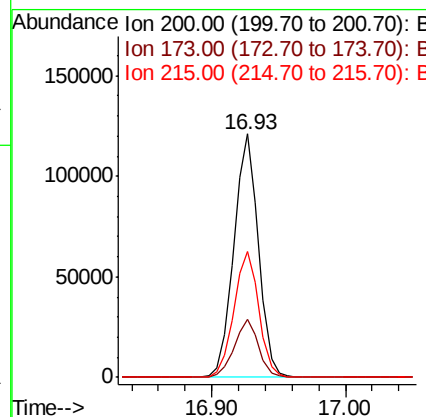
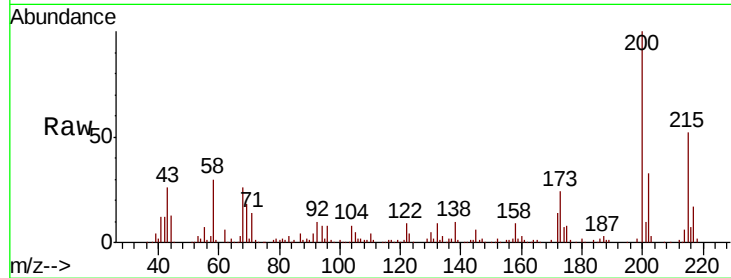
#69
Atrazine
Concen: 44.639 ng
RT: 16.93 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	3.6	43.6
215	51.7	29.6	69.6

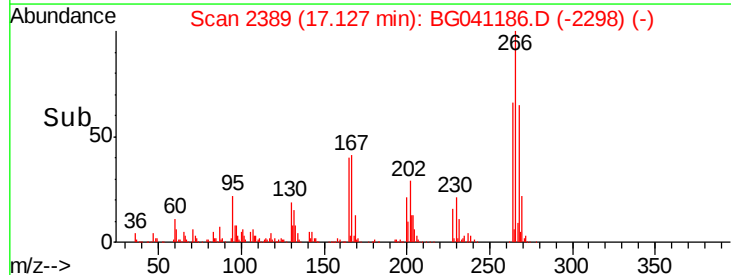
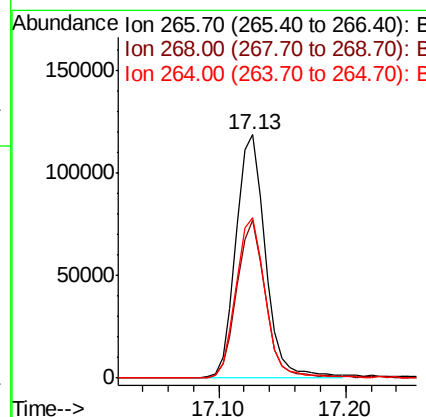
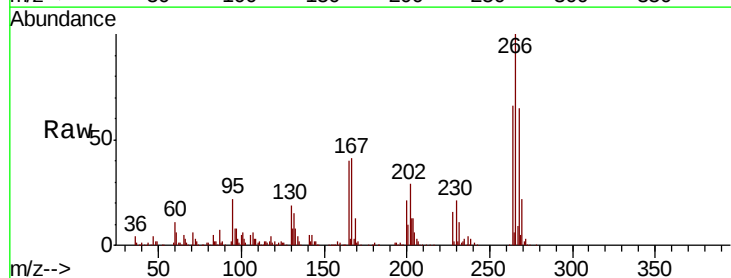
Manual Integrations
APPROVED

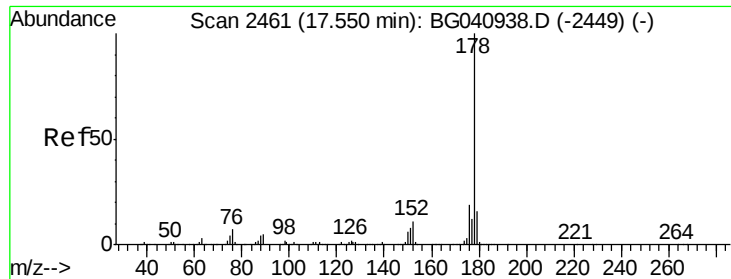
mohammad
6/14/2019 8:38:24 AM



#70
Pentachlorophenol
Concen: 76.962 ng
RT: 17.13 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	53.1	79.7
264	65.7	49.9	74.9





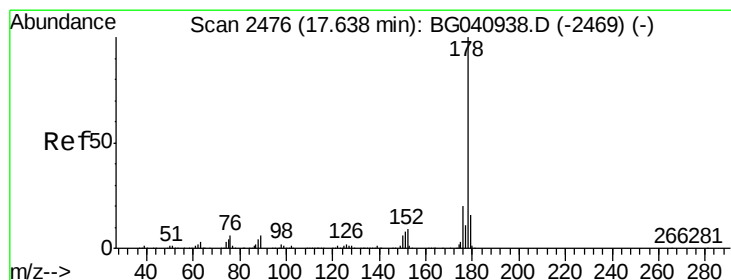
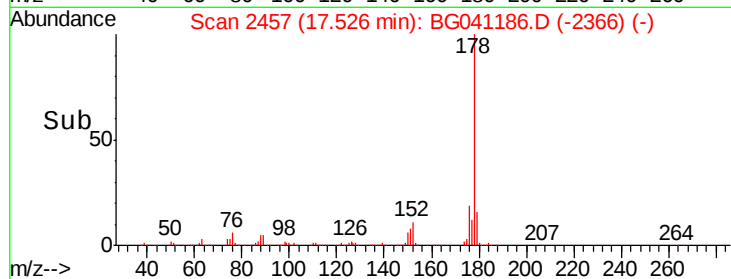
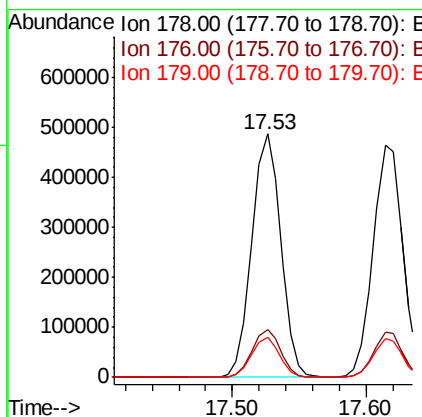
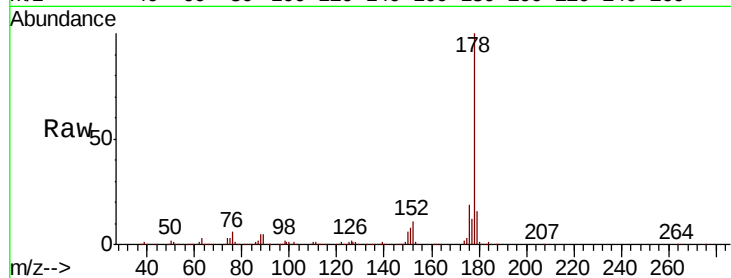
#71
Phenanthrene
Concen: 43.304 ng
RT: 17.53 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.4	12.7	19.1

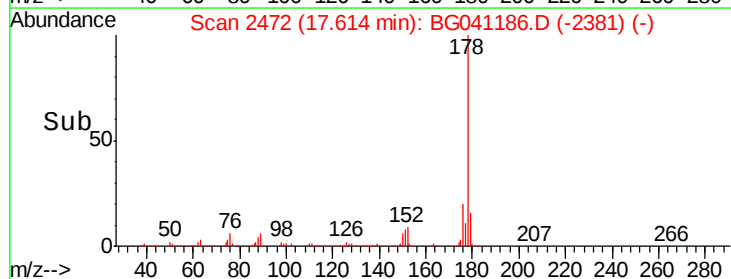
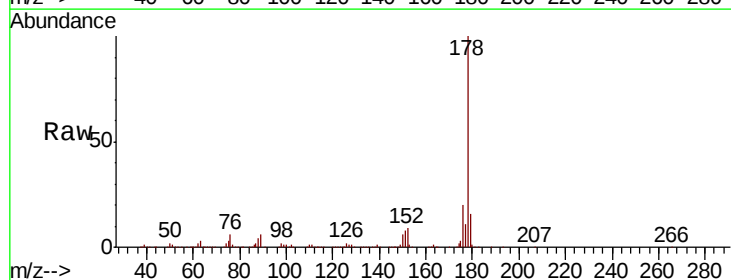
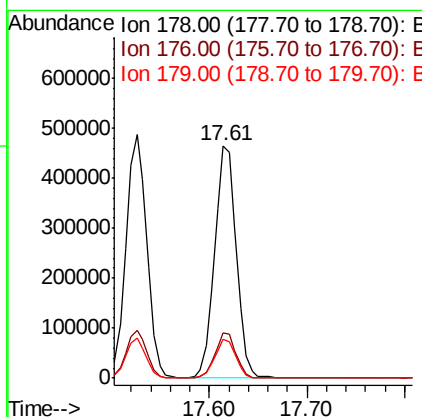
Manual Integrations
APPROVED

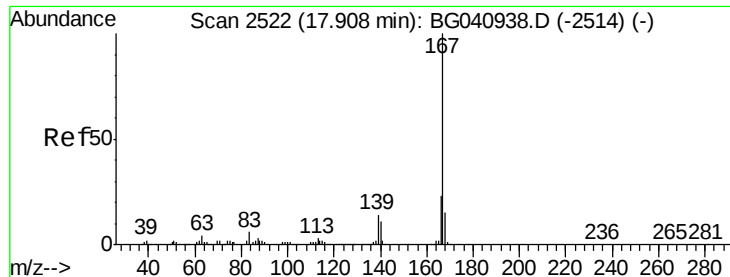
mohammad
6/14/2019 8:38:24 AM



#72
Anthracene
Concen: 43.145 ng
RT: 17.61 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.5	13.0	19.4





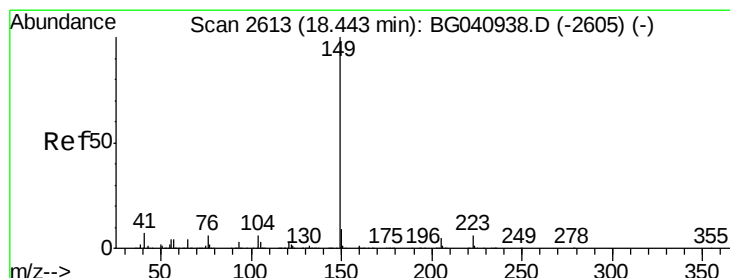
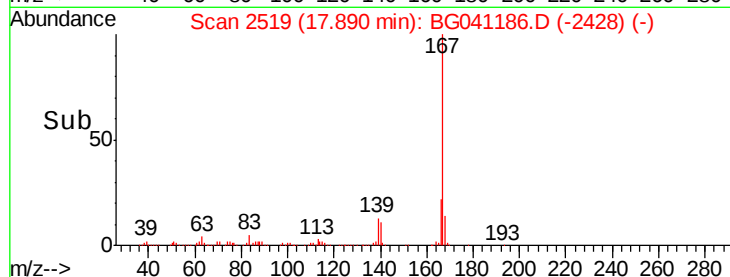
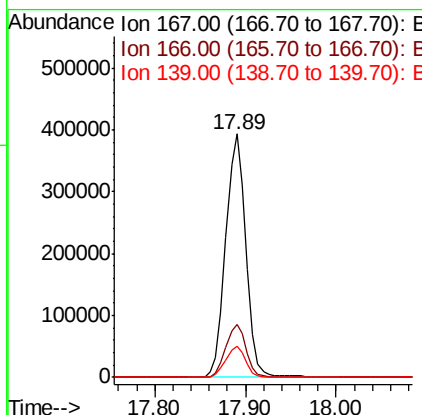
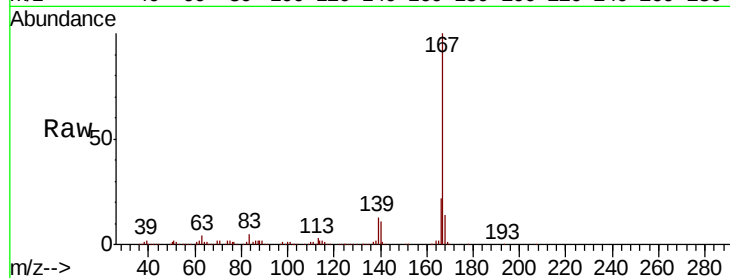
#73
 Carbazole
 Concen: 42.855 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041186.D
 Acq: 11 Jun 2019 12:54

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.4
139	12.9	10.8	16.2

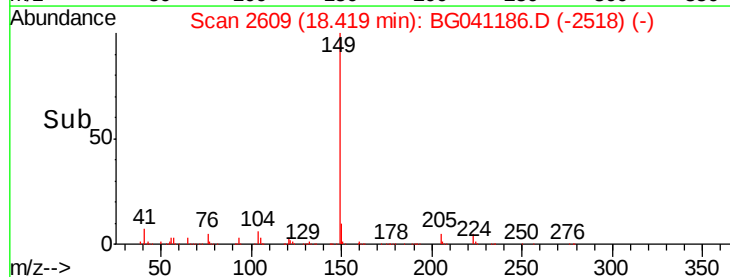
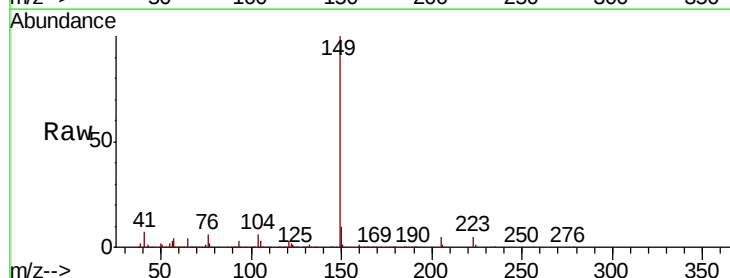
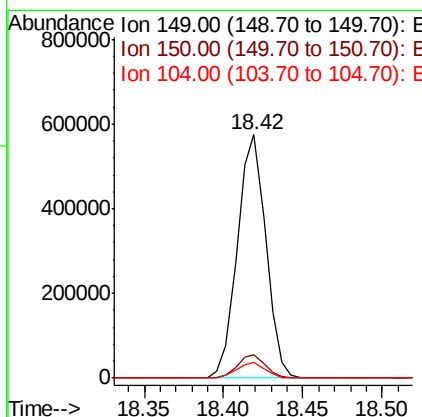
Manual Integrations
 APPROVED

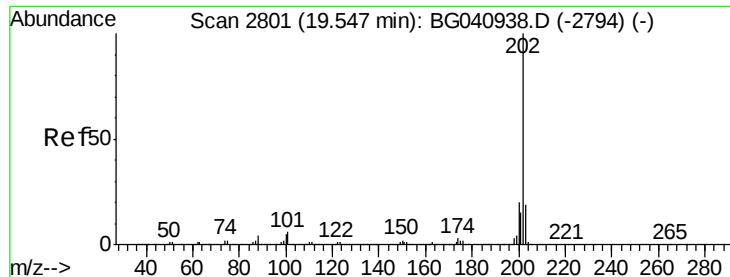
mohammad
 6/14/2019 8:38:24 AM



#74
 Di-n-butylphthalate
 Concen: 40.541 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041186.D
 Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 43.185 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

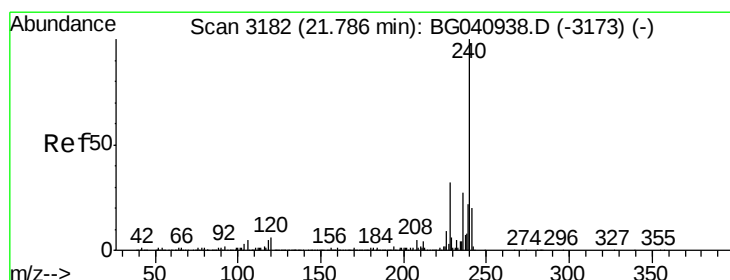
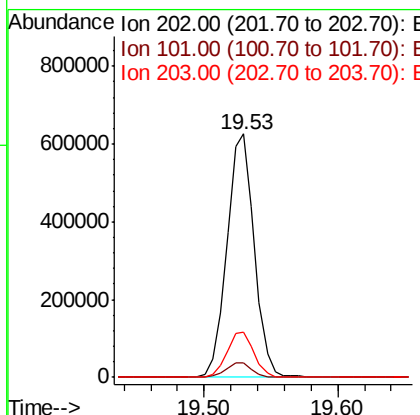
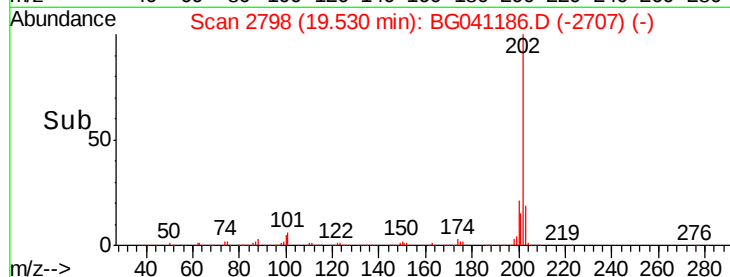
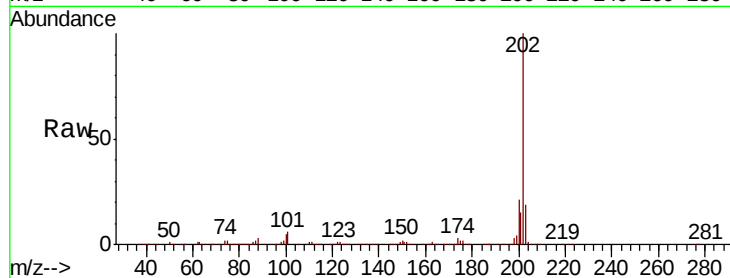
ClientSampleId :

B-01-(0-37)COMPMSD

Tot Ion:	202	Resp:	894296
Ion Ratio	Lower	Upper	
202	100		
101	5.9	0.0	26.2
203	18.8	0.0	38.7

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



#76

Chrysene-d12

Concen: 20.000 ng

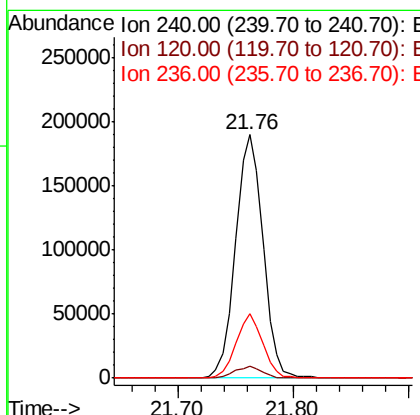
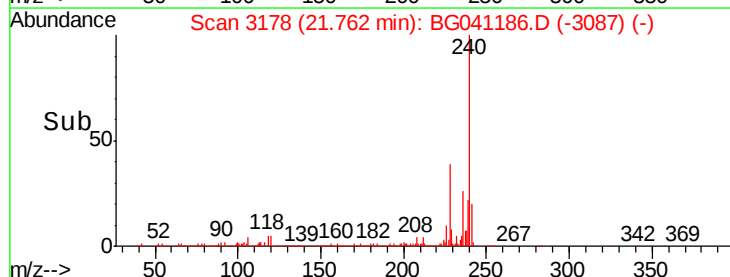
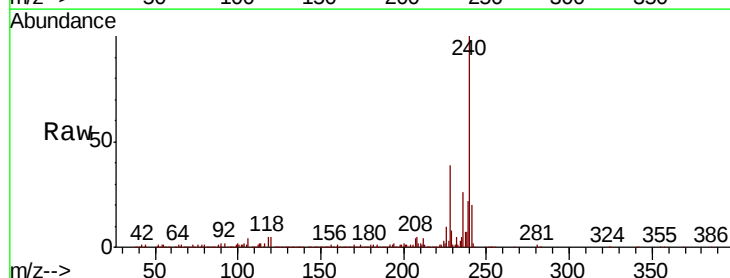
RT: 21.76 min Scan# 3178

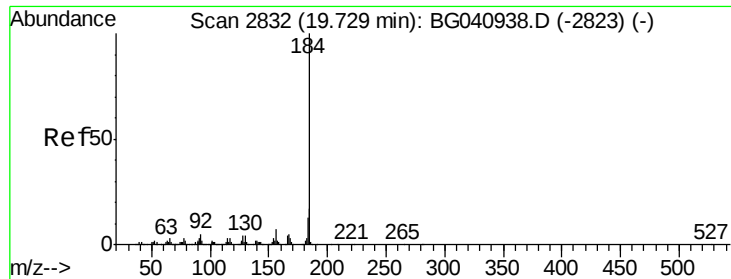
Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion:	240	Resp:	311906
Ion Ratio	Lower	Upper	
240	100		
120	4.9	4.5	6.7
236	26.3	21.3	31.9





#77

Benzidine

Concen: 27.332 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

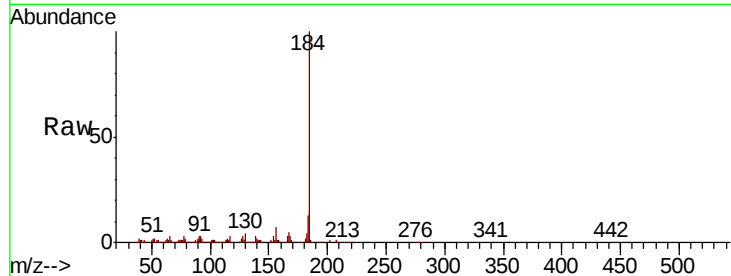
ClientSampleId :

B-01-(0-37)COMPMSD

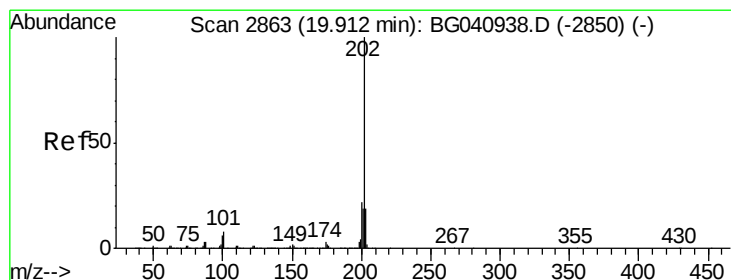
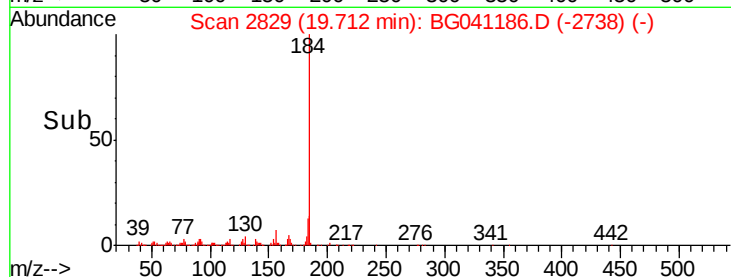
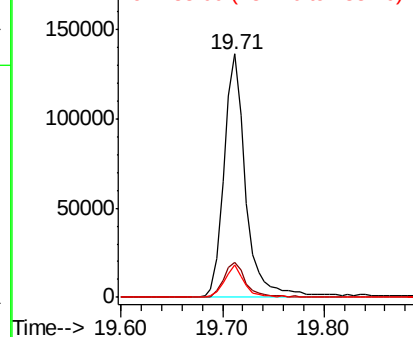
Tot Ion:	184	Resp:	203364
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.3	19.9
183	13.1	10.7	16.1

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 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: 43.823 ng

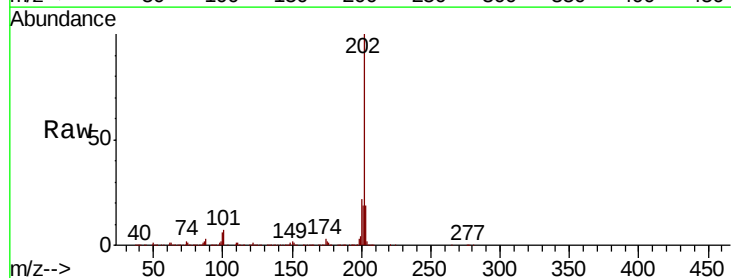
RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

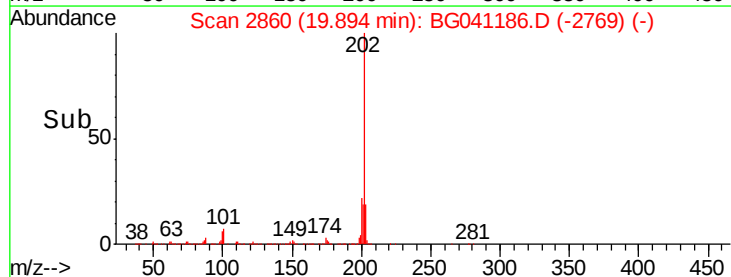
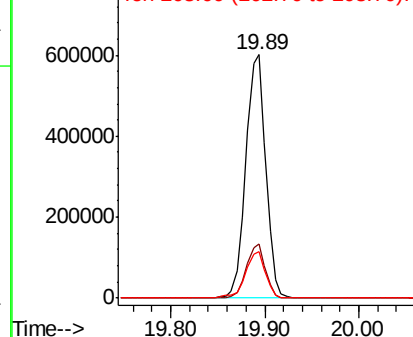
Lab File: BG041186.D

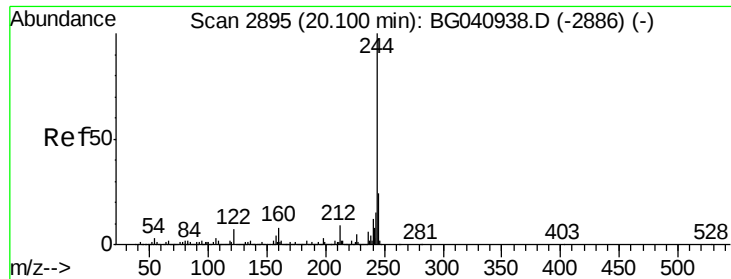
Acq: 11 Jun 2019 12:54

Tgt Ion:	202	Resp:	888554
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.5	26.3
203	19.3	15.6	23.4



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





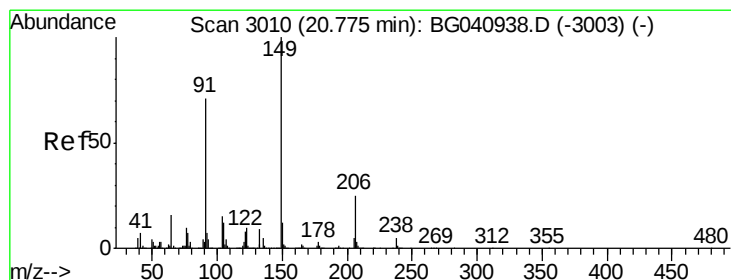
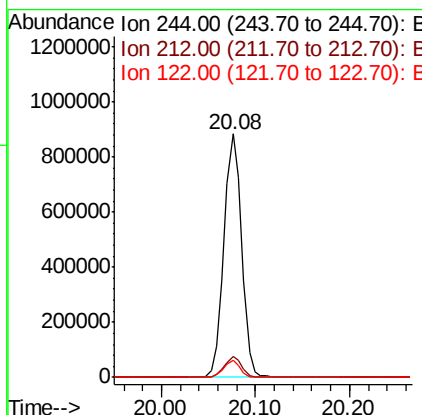
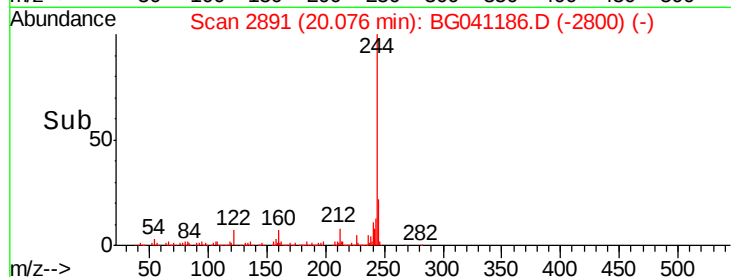
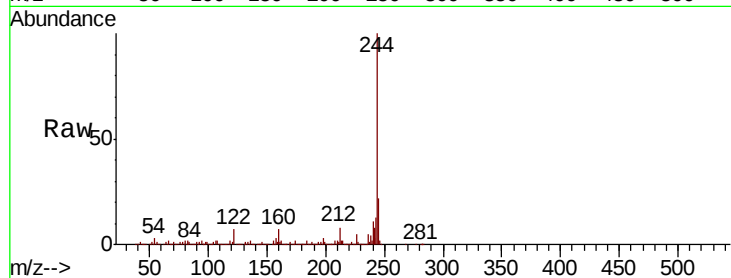
#79
 Terphenyl-d14
 Concen: 79.051 ng
 RT: 20.08 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BG041186.D
 Acq: 11 Jun 2019 12:54

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	6.8	5.4	8.0

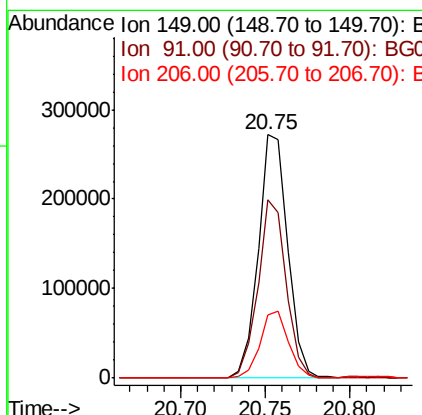
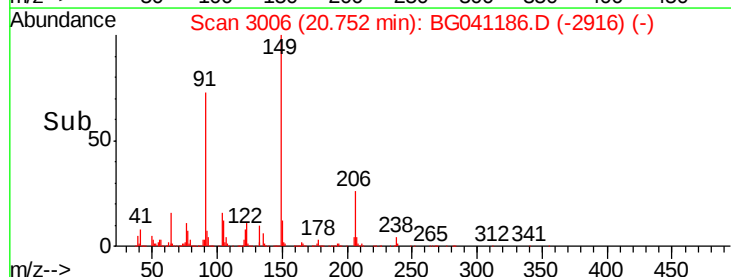
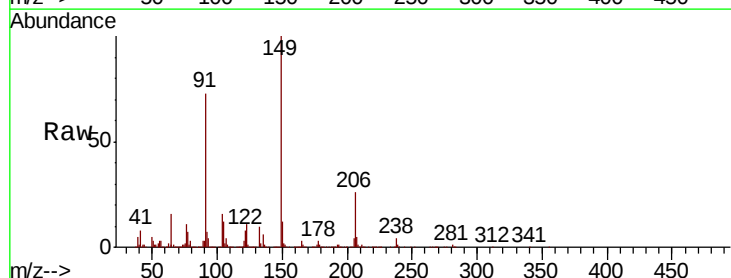
Manual Integrations
 APPROVED

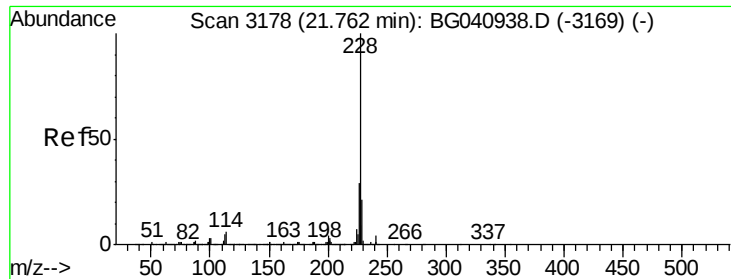
mohammad
 6/14/2019 8:38:24 AM



#80
 Butylbenzylphthalate
 Concen: 41.494 ng
 RT: 20.75 min Scan# 3006
 Delta R.T. -0.00 min
 Lab File: BG041186.D
 Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.1	56.5	84.7
206	26.1	20.3	30.5





#81

Benzo(a)anthracene

Concen: 41.070 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

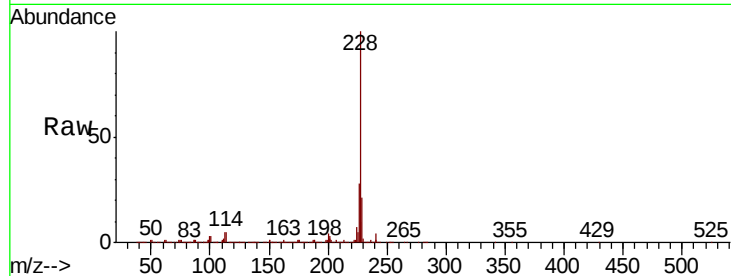
ClientSampleId :

B-01-(0-37)COMPMSD

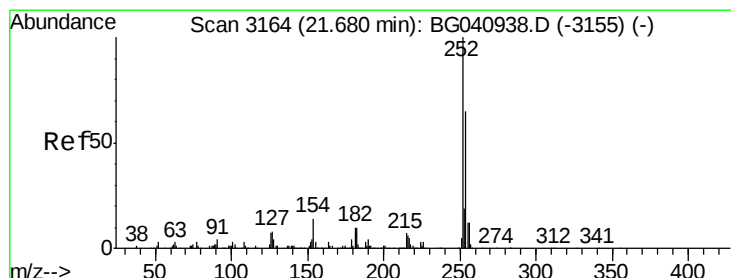
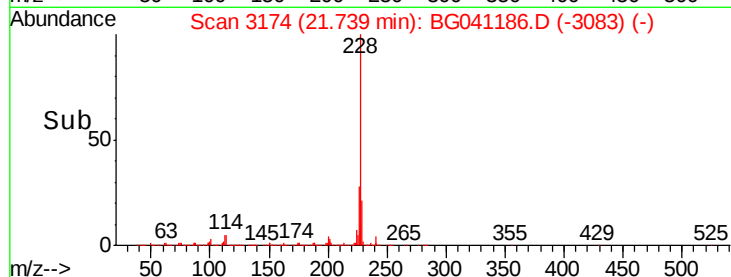
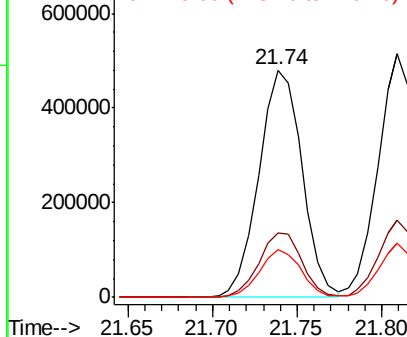
Tot Ion:	228	Resp:	852715
Ion Ratio	Lower	Upper	
228	100		
226	28.2	23.5	35.3
229	20.9	16.7	25.1

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



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



#82

3,3'-Dichlorobenzidine

Concen: 21.274 ng

RT: 21.66 min Scan# 3160

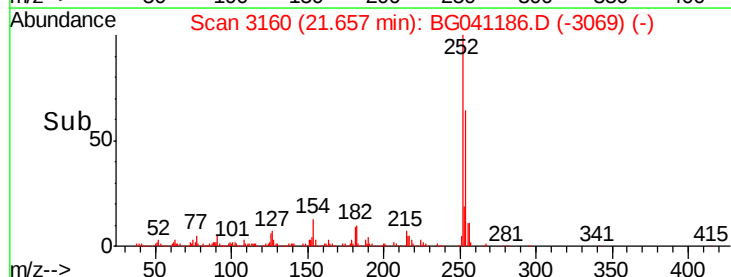
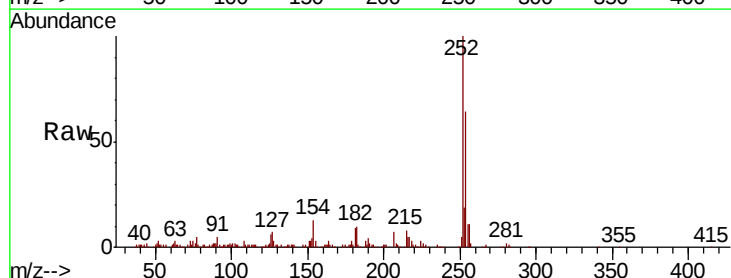
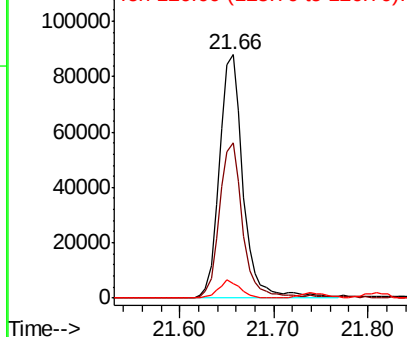
Delta R.T. 0.00 min

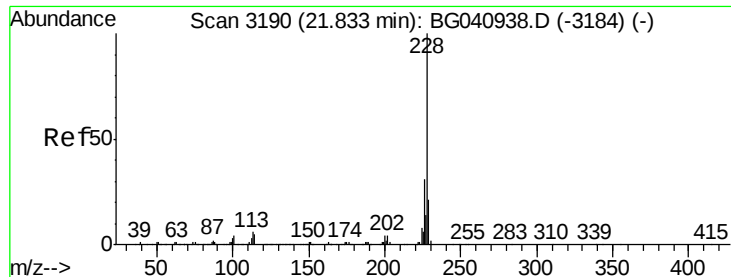
Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion:	252	Resp:	155357
Ion Ratio	Lower	Upper	
252	100		
254	64.0	52.1	78.1
126	5.9	5.5	8.3

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





#83

Chrysene

Concen: 42.180 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

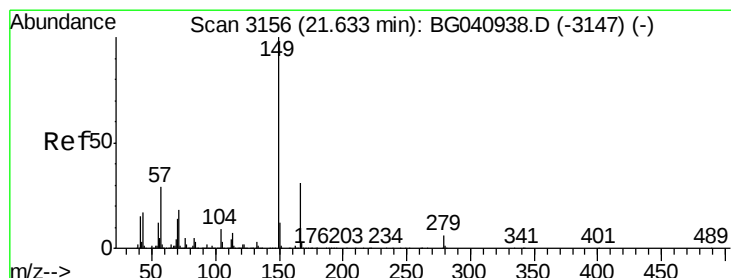
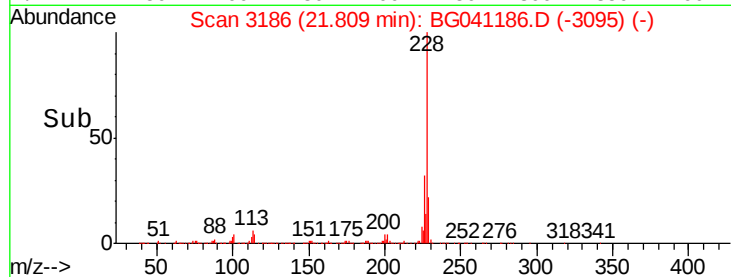
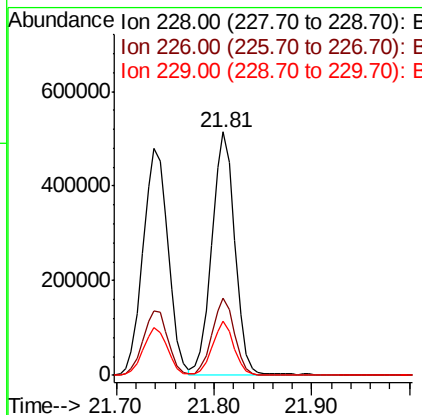
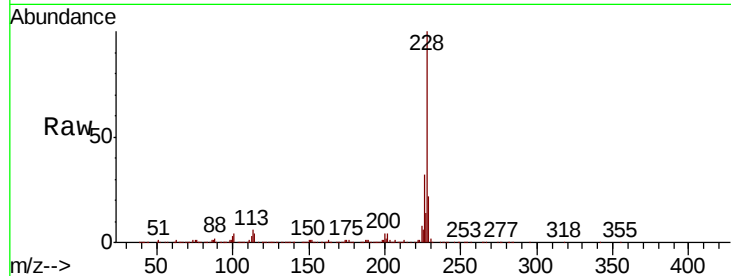
ClientSampleId :

B-01-(0-37)COMPMSD

Tot Ion:	228	Resp:	838068
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.6	37.0
229	22.1	16.6	24.8

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.098 ng

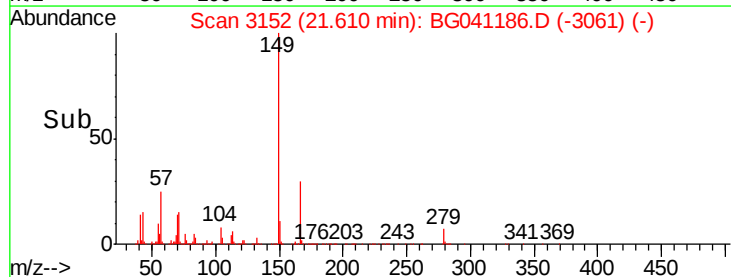
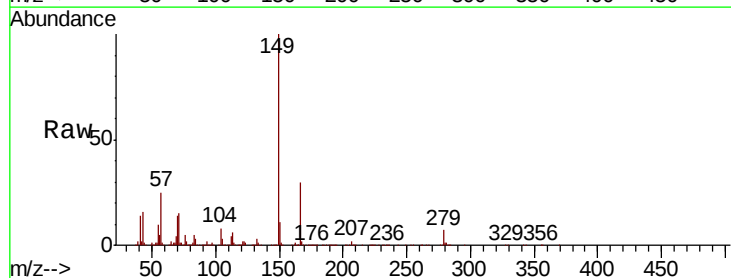
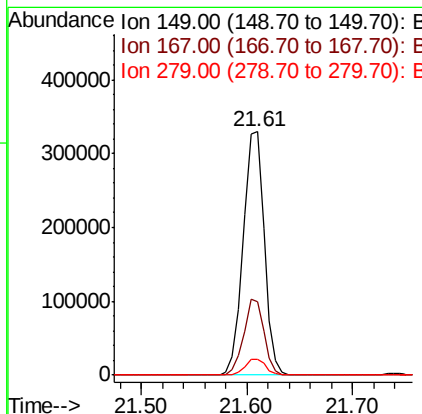
RT: 21.61 min Scan# 3152

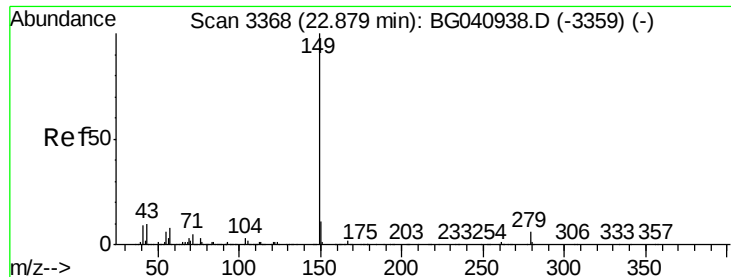
Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion:	149	Resp:	456500
Ion Ratio	Lower	Upper	
149	100		
167	30.3	24.6	37.0
279	6.5	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 42.200 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

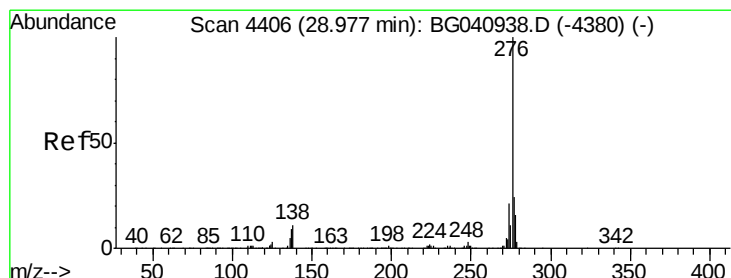
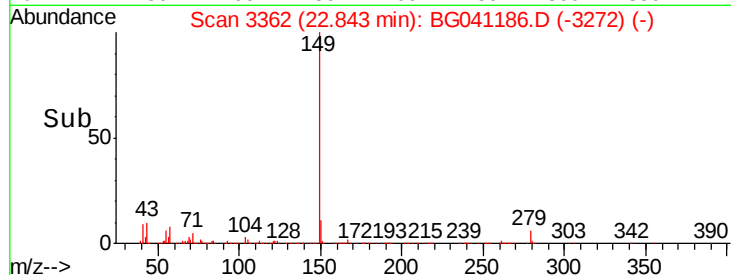
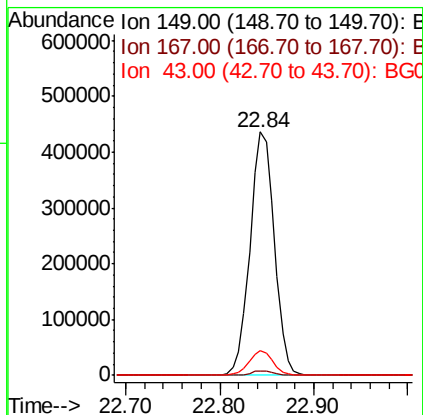
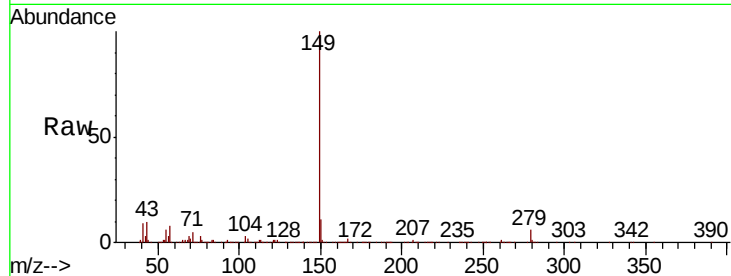
ClientSampleId :

B-01-(0-37)COMPMSD

Tot Ion:	149	Resp:	780661
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	9.5	8.1	12.1

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.215 ng

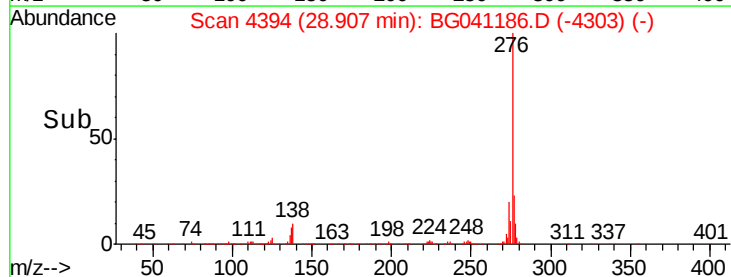
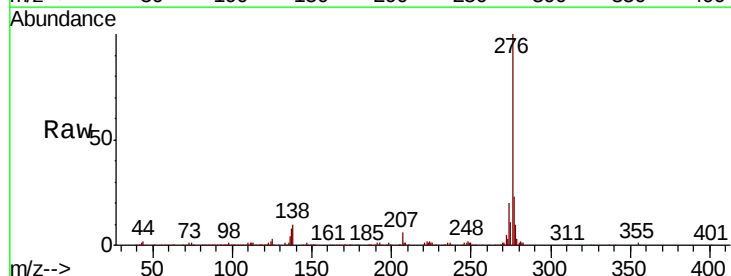
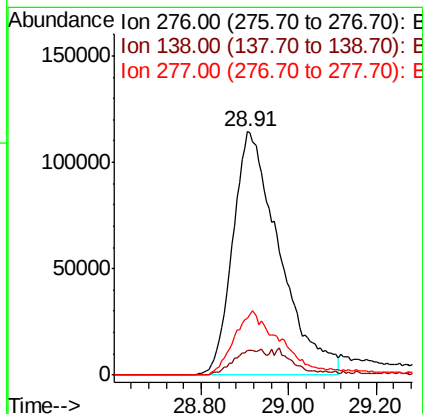
RT: 28.91 min Scan# 4394

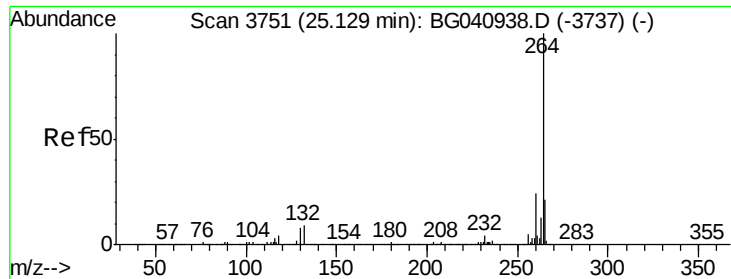
Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion:	276	Resp:	832760
Ion Ratio	Lower	Upper	
276	100		
138	5.0	5.7	8.5#
277	26.0	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

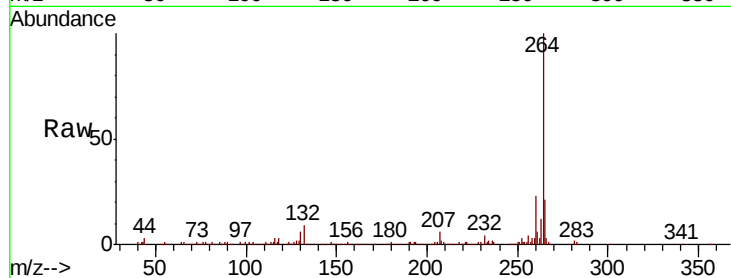
ClientSampleId :

B-01-(0-37)COMPMSD

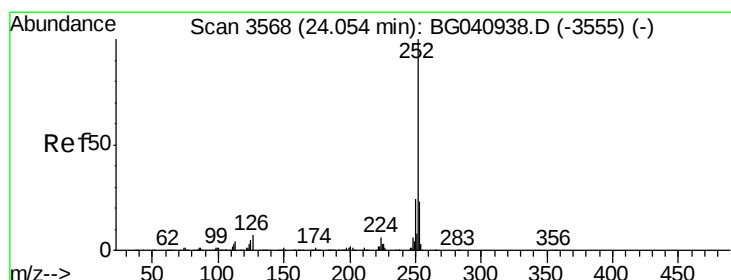
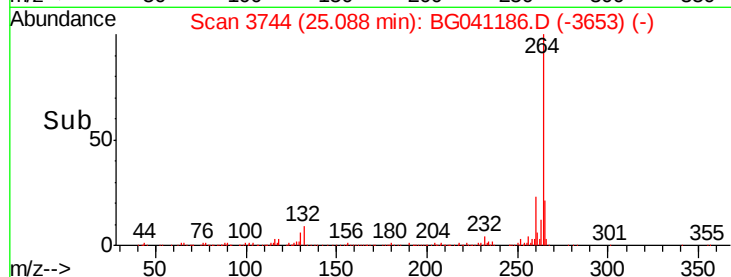
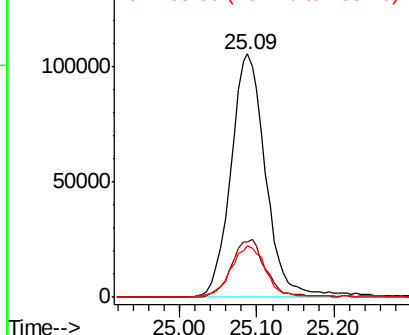
Tot Ion:	264	Resp:	331728
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.0	28.4
265	21.1	17.0	25.4

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.853 ng

RT: 24.02 min Scan# 3563

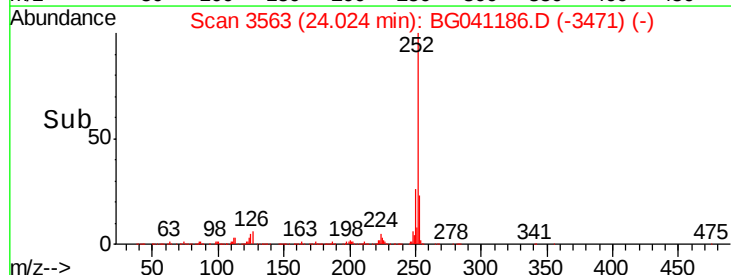
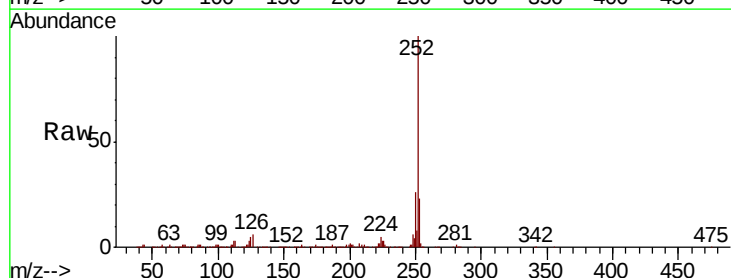
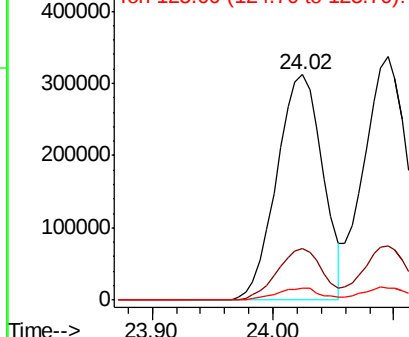
Delta R.T. 0.01 min

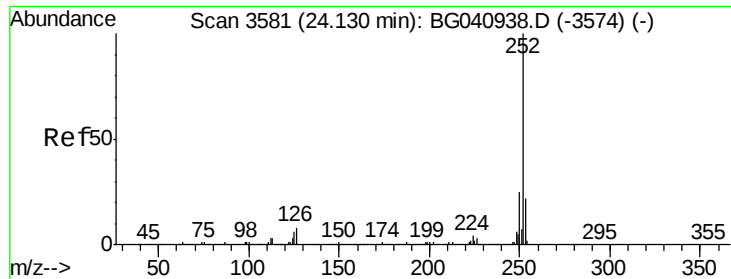
Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion:	252	Resp:	821974
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.4	27.6
125	5.4	4.3	6.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.972 ng

RT: 24.09 min Scan# 3575

Delta R.T. 0.00 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Instrument :

BNA_G

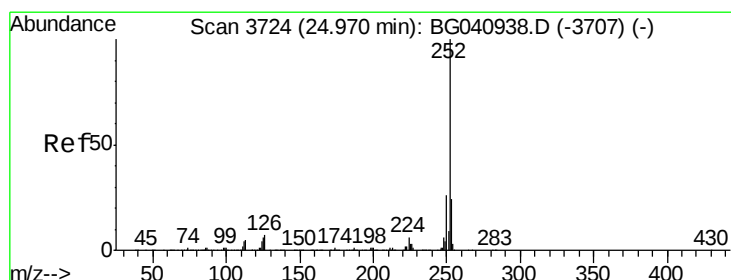
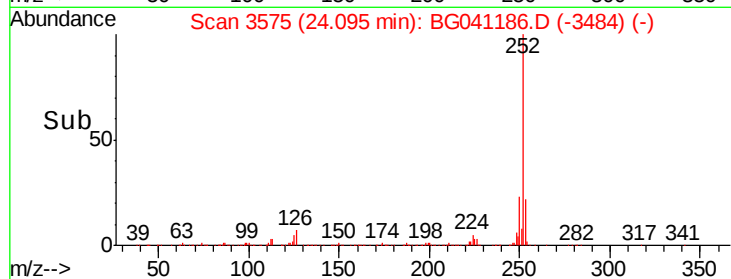
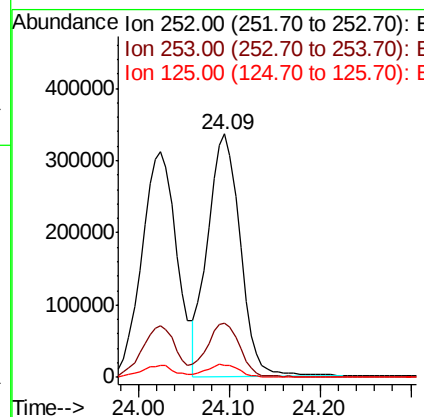
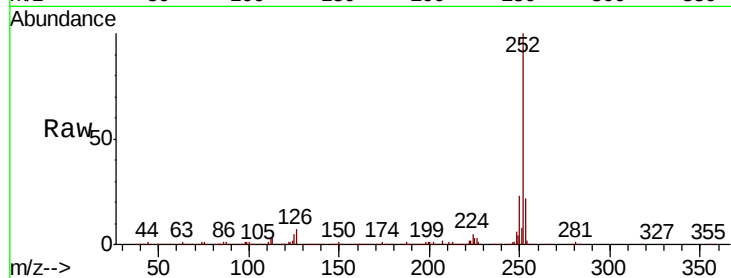
ClientSampleId :

B-01-(0-37)COMPMSD

Tot Ion:	252	Resp:	835687
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	5.1	4.7	7.1

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



#90

Benzo(a)pyrene

Concen: 42.490 ng

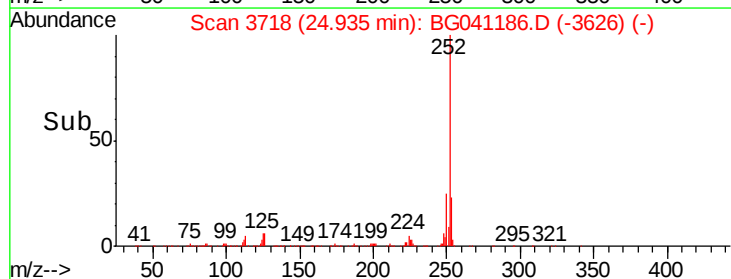
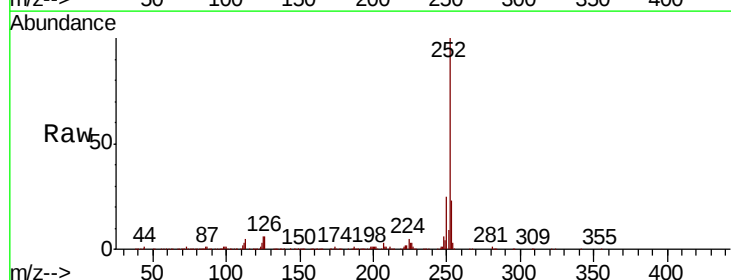
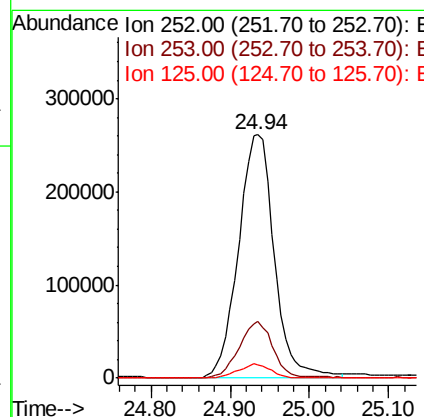
RT: 24.94 min Scan# 3718

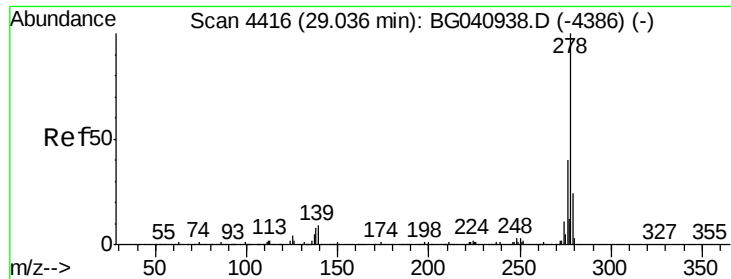
Delta R.T. 0.01 min

Lab File: BG041186.D

Acq: 11 Jun 2019 12:54

Tgt Ion:	252	Resp:	815647
Ion Ratio	Lower	Upper	
252	100		
253	23.3	19.5	29.3
125	5.6	5.1	7.7





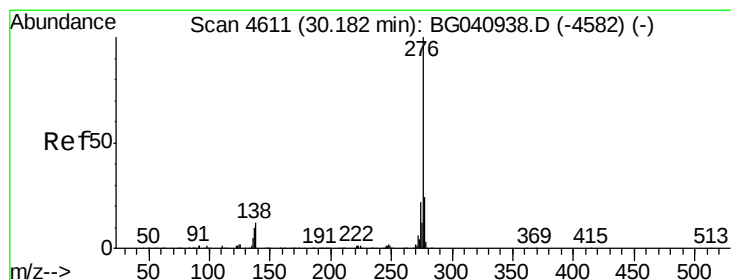
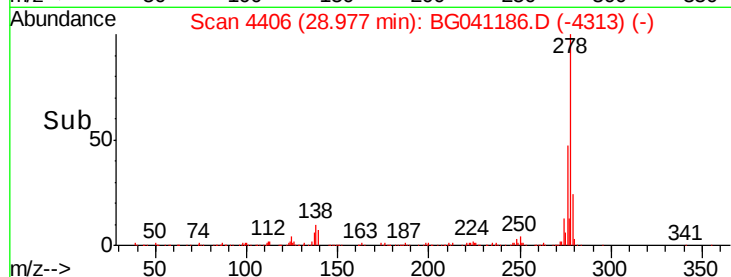
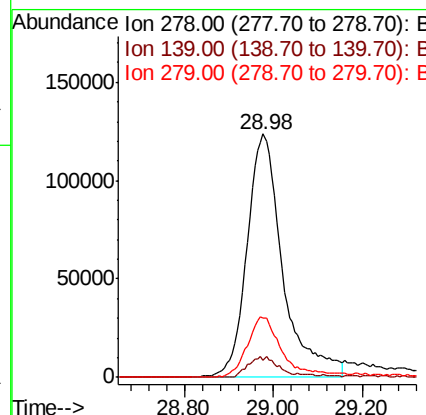
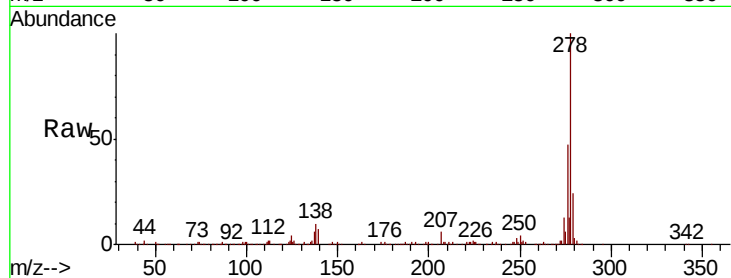
#91
Dibenzo(a,h)anthracene
Concen: 35.682 ng
RT: 28.98 min Scan# 4406
Delta R.T. 0.01 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.0	7.1	10.7#
279	24.1	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:24 AM



#92
Benzo(g,h,i)perylene
Concen: 35.240 ng
RT: 30.11 min Scan# 4599
Delta R.T. -0.00 min
Lab File: BG041186.D
Acq: 11 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.6	19.4	29.0
138	10.1	9.7	14.5

