

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039324.D
 Acq On : 30 Jan 2019 12:35
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/1/2019 12:05:28 AM

Quant Time: Jan 30 17:25:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 14:43:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	47599	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	213308	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	142288	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	341233	20.00	ng	0.00
76) Chrysene-d12	21.85	240	332986	20.00	ng	0.00
87) Perylene-d12	25.24	264	349106	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	228730	82.24	ng	0.00
7) Phenol-d6	7.32	99	333479	81.46	ng	0.00
23) Nitrobenzene-d5	9.36	82	290820	85.17	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	122399	79.88	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	737506	74.36	ng	0.00
79) Terphenyl-d14	20.15	244	1186590	75.43	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.62	88	50017	41.115	ng	100
3) Pyridine	4.02	79	136851	42.488	ng	94
4) n-Nitrosodimethylamine	3.93	42	67174	41.702	ng	98
6) Aniline	7.50	93	202525	39.496	ng	99
8) 2-Chlorophenol	7.74	128	122959	40.447	ng	99
9) Benzaldehyde	7.32	77	87580	44.095	ng	97
10) Phenol	7.34	94	171740	40.245	ng	98
11) bis(2-Chloroethyl)ether	7.60	93	135909	40.305	ng	99
12) 1,3-Dichlorobenzene	8.07	146	146489	39.777	ng	96
13) 1,4-Dichlorobenzene	8.22	146	148288	40.398	ng	99
14) 1,2-Dichlorobenzene	8.54	146	140708	39.597	ng	98
15) Benzyl Alcohol	8.42	79	132076	41.095	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	302229	39.689	ng	99
17) 2-Methylphenol	8.61	107	109764	39.747	ng	96
18) Hexachloroethane	9.27	117	52573	41.630	ng	95
19) n-Nitroso-di-n-propylamine	8.99	70	114527	39.416	ng	97
20) 3+4-Methylphenols	8.94	107	154015	40.500	ng	97
22) Acetophenone	9.01	105	215282	37.572	ng	# 98
24) Nitrobenzene	9.40	77	154706	41.940	ng	97
25) Isophorone	9.92	82	285116	37.682	ng	99
26) 2-Nitrophenol	10.11	139	61664	44.033	ng	98
27) 2,4-Dimethylphenol	10.15	122	119128	38.920	ng	94
28) bis(2-Chloroethoxy)methane	10.40	93	182248	39.105	ng	97
29) 2,4-Dichlorophenol	10.64	162	135529	40.514	ng	95
30) 1,2,4-Trichlorobenzene	10.86	180	145954	38.862	ng	96
31) Naphthalene	11.06	128	406549	38.419	ng	97
32) Benzoic acid	10.27	122	82294	42.363	ng	90
33) 4-Chloroaniline	11.16	127	188555	38.429	ng	98
34) Hexachlorobutadiene	11.32	225	97674	39.106	ng	99
35) Caprolactam	11.96	113	53362	38.548	ng	94
36) 4-Chloro-3-methylphenol	12.26	107	157127	40.614	ng	97
37) 2-Methylnaphthalene	12.65	142	295941	37.759	ng	99
38) 1-Methylnaphthalene	12.87	142	283724m	37.554	ng	
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	170642	37.693	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039324.D
 Acq On : 30 Jan 2019 12:35
 Operator : JU/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDC040

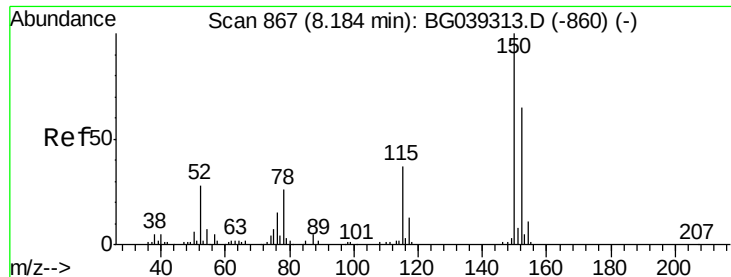
Manual Integrations
 APPROVED

mohammad
 2/1/2019 12:05:28 AM

Quant Time: Jan 30 17:25:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 14:43:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	98326	39.858	nq	99
43) 2,4,6-Trichlorophenol	13.24	196	111637	40.106	nq	96
44) 2,4,5-Trichlorophenol	13.31	196	119312	40.897	nq	95
46) 1,1'-Biphenyl	13.64	154	440281	37.190	nq	98
47) 2-Chloronaphthalene	13.69	162	333353	37.430	nq	98
48) 2-Nitroaniline	13.90	65	103872	41.880	nq	96
49) Acenaphthylene	14.54	152	510655	38.000	nq	98
50) Dimethylphthalate	14.26	163	434855	37.841	nq	100
51) 2,6-Dinitrotoluene	14.38	165	89042	42.352	nq	96
52) Acenaphthene	14.87	154	326438	37.422	nq	98
53) 3-Nitroaniline	14.72	138	95675	42.095	nq	# 94
54) 2,4-Dinitrophenol	14.91	184	33792	45.389	nq	97
55) Dibenzofuran	15.21	168	530787	37.951	nq	98
56) 4-Nitrophenol	14.99	139	81055	41.978	nq	88
57) 2,4-Dinitrotoluene	15.16	165	116076	43.139	nq	93
58) Fluorene	15.85	166	393878	37.778	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.42	232	114890	42.060	nq	99
60) Diethylphthalate	15.61	149	450967	37.955	nq	99
61) 4-Chlorophenyl-phenylether	15.84	204	228288	38.669	nq	97
62) 4-Nitroaniline	15.88	138	99723	44.278	nq	98
63) Azobenzene	16.13	77	433365	37.317	nq	98
65) 4,6-Dinitro-2-methylphenol	15.92	198	60190	45.685	nq	98
66) n-Nitrosodiphenylamine	16.06	169	385312	37.136	nq	98
67) 4-Bromophenyl-phenylether	16.74	248	141890	37.482	nq	96
68) Hexachlorobenzene	16.84	284	146153	38.481	nq	98
69) Atrazine	17.00	200	144952	38.229	nq	99
70) Pentachlorophenol	17.19	266	107336	40.662	nq	99
71) Phenanthrene	17.60	178	667919	37.818	nq	99
72) Anthracene	17.68	178	651960	37.477	nq	99
73) Carbazole	17.96	167	652757	37.598	nq	99
74) Di-n-butylphthalate	18.50	149	760968	37.571	nq	100
75) Fluoranthene	19.59	202	773057	37.712	nq	99
77) Benzidine	19.78	184	398544	36.506	nq	100
78) Pyrene	19.96	202	798344	38.513	nq	98
80) Butylbenzylphthalate	20.83	149	342725	39.194	nq	98
81) Benzo(a)anthracene	21.83	228	751472	38.192	nq	99
82) 3,3'-Dichlorobenzidine	21.74	252	290972	39.883	nq	97
83) Chrysene	21.90	228	725569	38.738	nq	100
84) Bis(2-ethylhexyl)phthalate	21.71	149	486994	39.037	nq	99
85) Di-n-octyl phthalate	22.99	149	811167	39.358	nq	100
86) Indeno(1,2,3-cd)pyrene	29.16	276	826067	41.106	nq	# 92
88) Benzo(b)fluoranthene	24.16	252	737396	38.731	nq	99
89) Benzo(k)fluoranthene	24.23	252	729421	38.161	nq	99
90) Benzo(a)pyrene	25.08	252	711473	38.803	nq	98
91) Dibenzo(a,h)anthracene	29.23	278	669952	39.016	nq	100
92) Benzo(g,h,i)perylene	30.40	276	679302	39.690	nq	97

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



#1

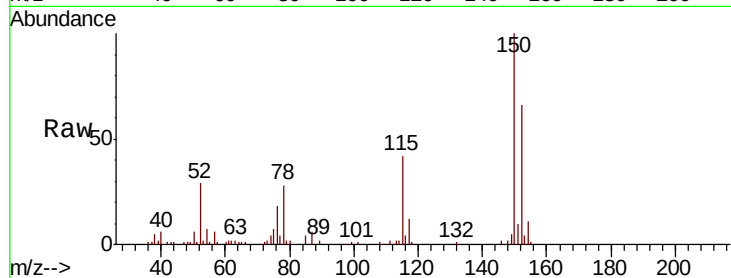
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	123.7	185.5
115	64.0	45.9	68.9

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM

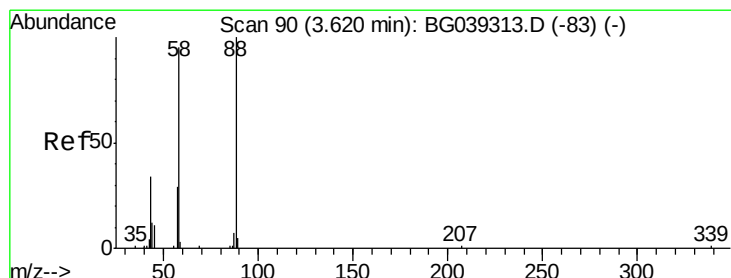
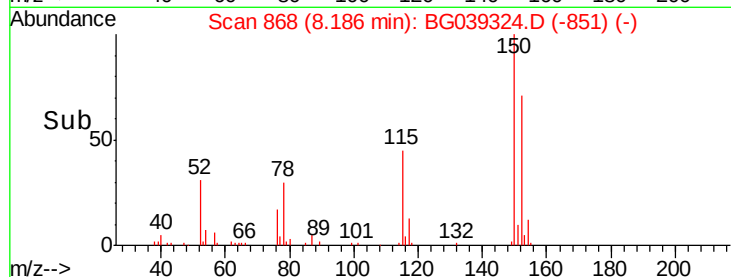
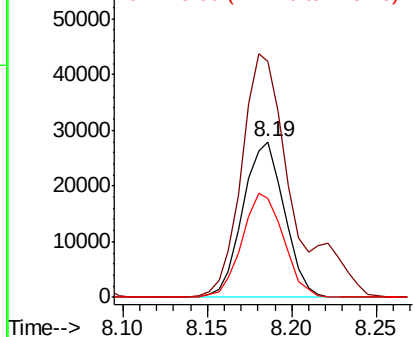


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

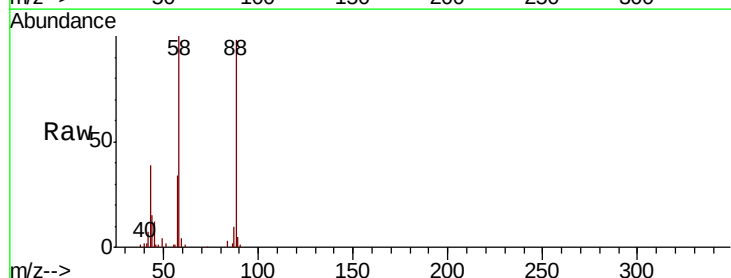
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.115 ng
RT: 3.62 min Scan# 90
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.1	81.1	121.7
43	39.6	31.4	47.0

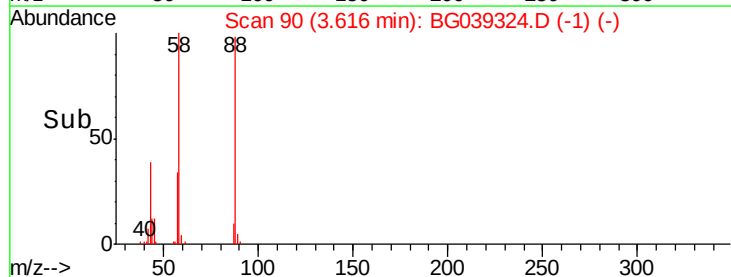
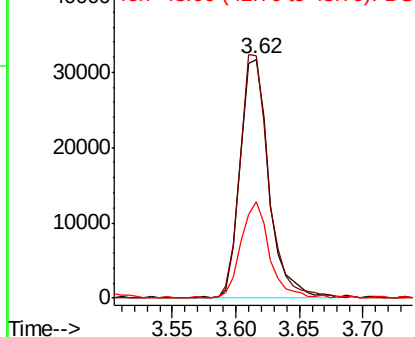


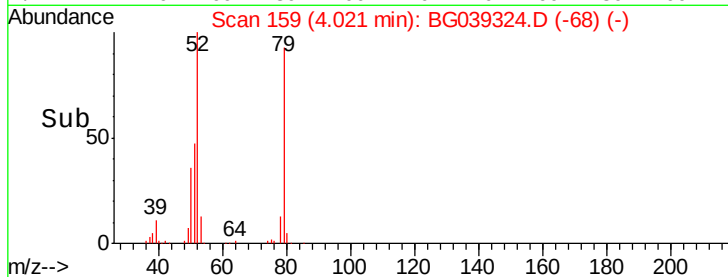
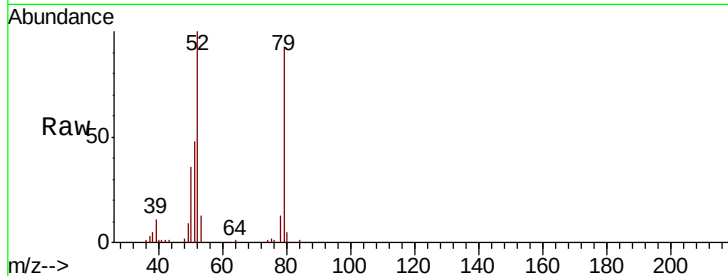
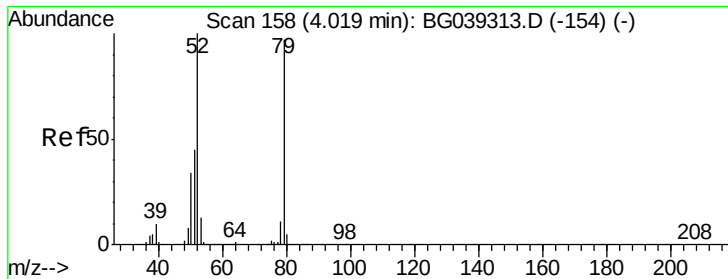
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





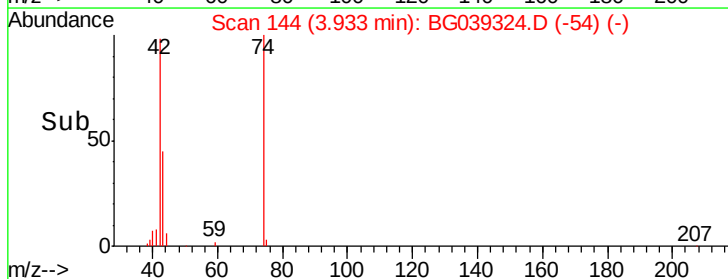
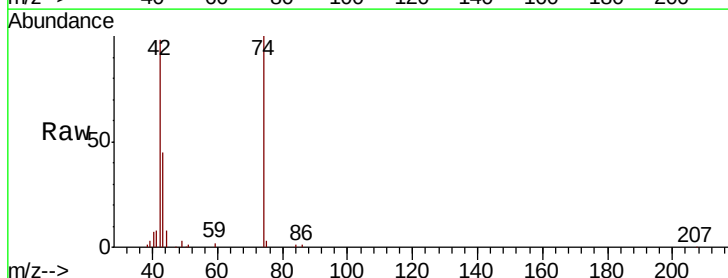
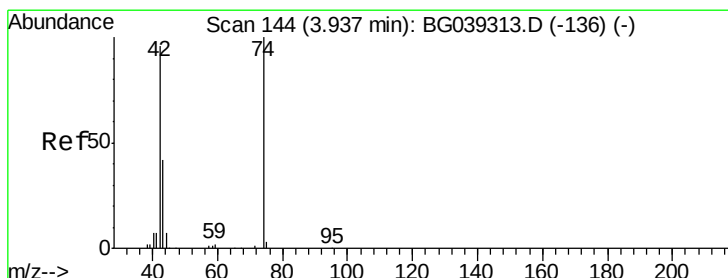
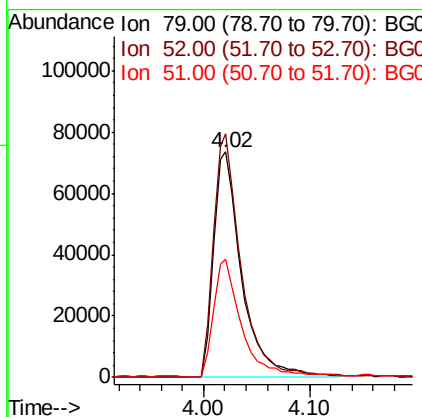
#3
 Pvridine
 Concen: 42.488 ng
 RT: 4.02 min Scan# 159
 Delta R.T. 0.00 min
 Lab File: BG039324.D
 Acq: 30 Jan 2019 12:35

Tot Ion	Ratio	Lower	Upper
79	100		
52	108.0	82.6	124.0
51	52.3	37.5	56.3

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

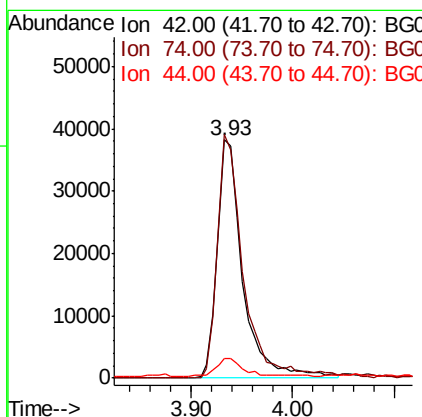
Manual Integrations
 APPROVED

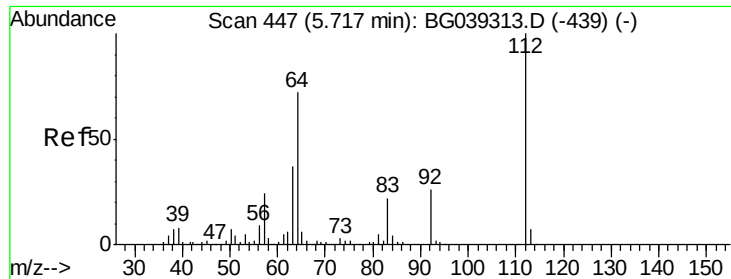
mohammad
 2/1/2019 12:05:28 AM



#4
 n-Nitrosodimethylamine
 Concen: 41.702 ng
 RT: 3.93 min Scan# 144
 Delta R.T. -0.00 min
 Lab File: BG039324.D
 Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	102.2	83.6	125.4
44	8.1	6.9	10.3





#5

2-Fluorophenol

Concen: 82.244 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

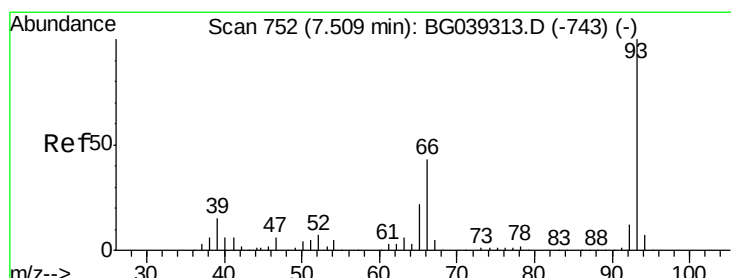
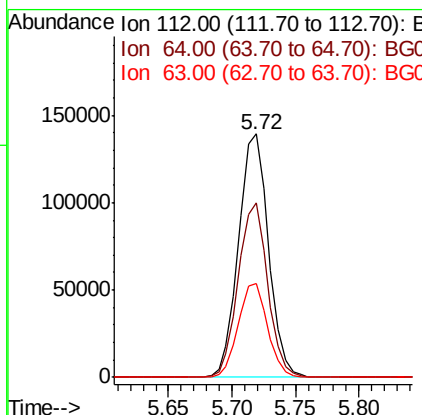
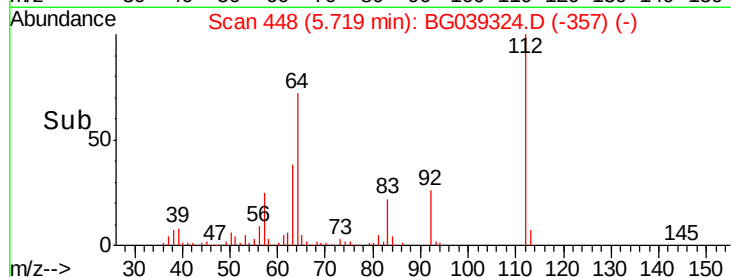
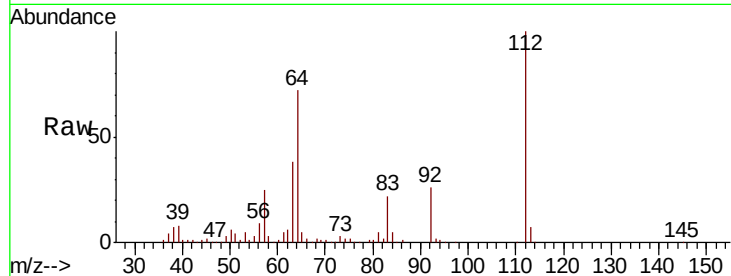
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
112	100		
64	71.8	57.8	86.8
63	38.4	29.8	44.6

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM



#6

Aniline

Concen: 39.496 ng

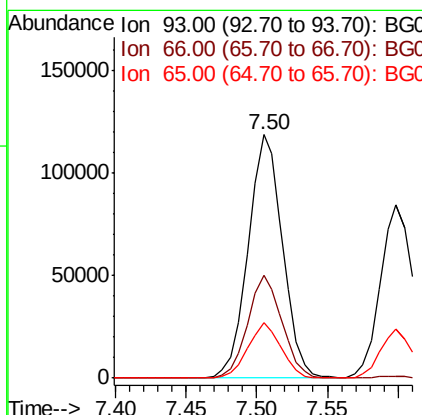
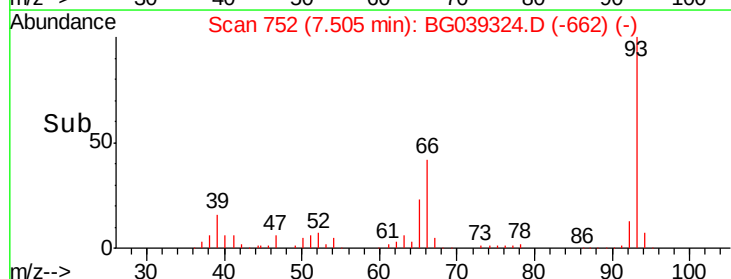
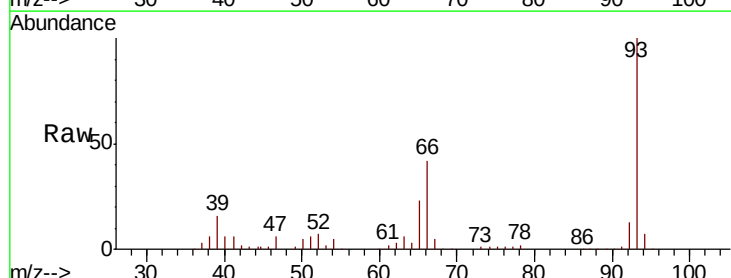
RT: 7.50 min Scan# 752

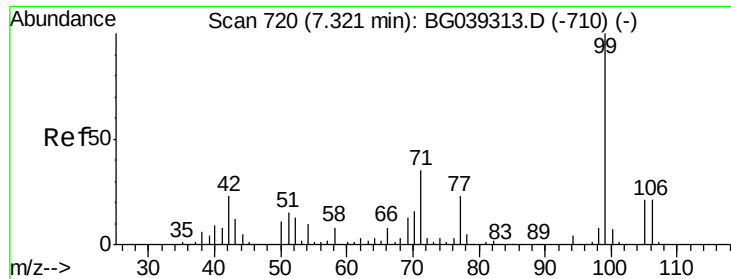
Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.4	34.2	51.4
65	22.7	17.7	26.5





#7

Phenol-d6

Concen: 81.461 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

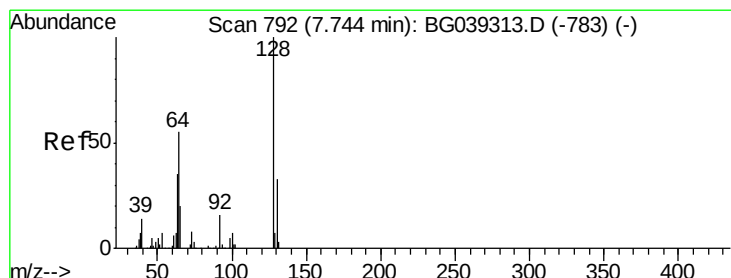
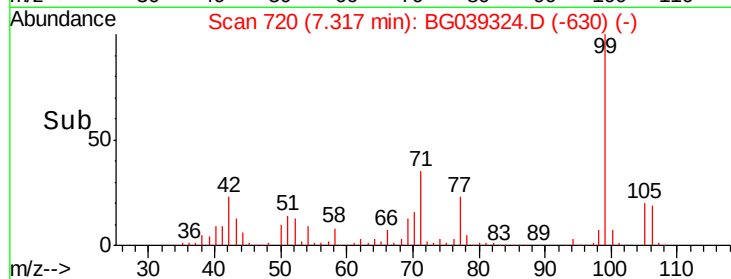
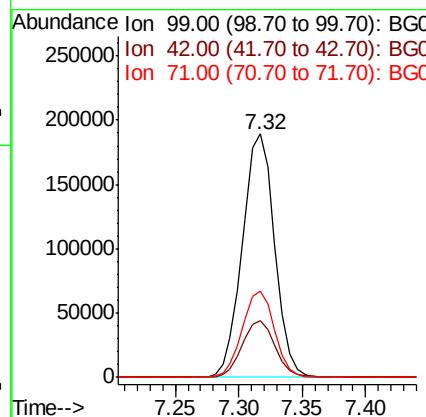
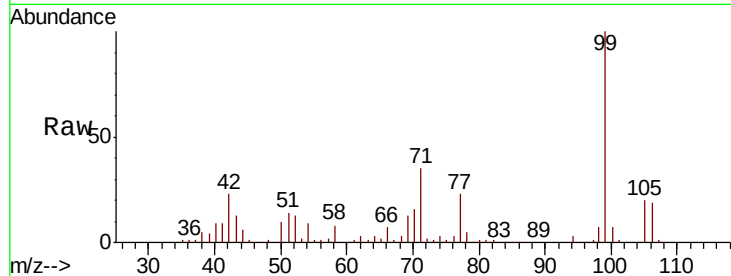
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	333479
Ion Ratio	Lower	Upper	
99	100		
42	23.3	18.2	27.2
71	35.3	28.0	42.0

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM



#8

2-Chlorophenol

Concen: 40.447 ng

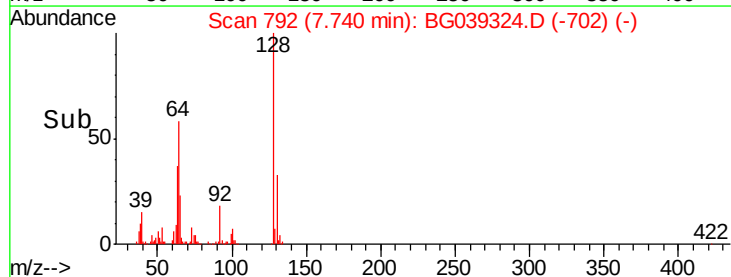
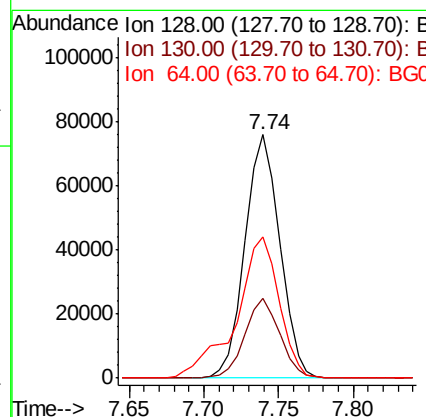
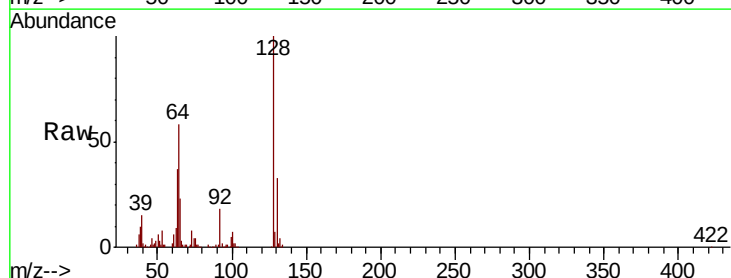
RT: 7.74 min Scan# 792

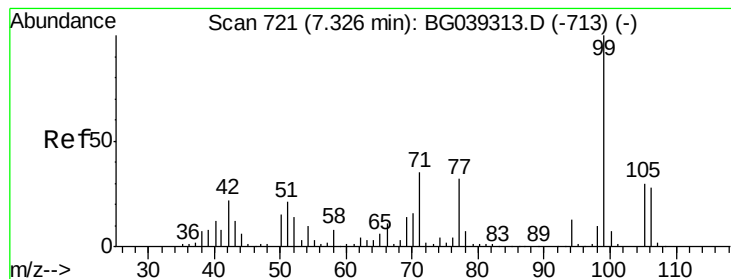
Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Tgt Ion:	128	Resp:	122959
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.9	52.9
64	58.1	38.7	78.7





#9

Benzaldehyde

Concen: 44.095 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

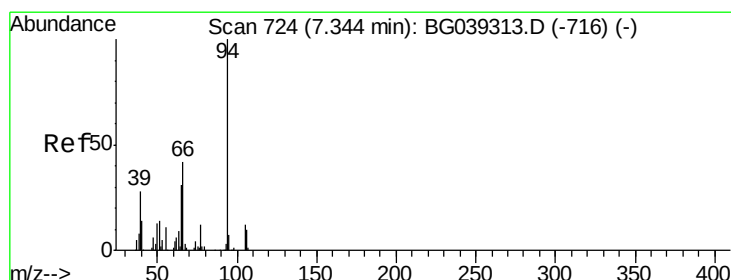
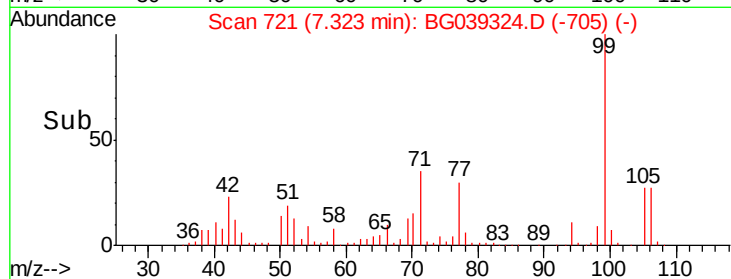
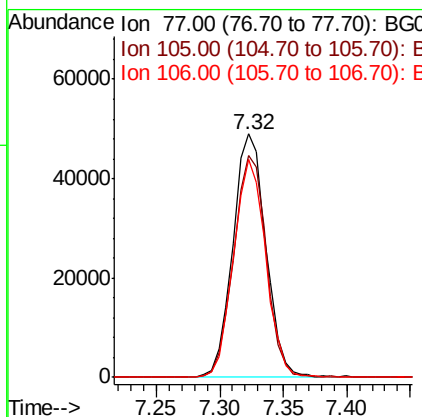
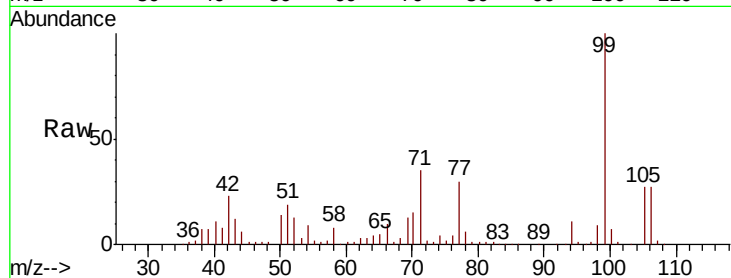
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	87580
Ion	Ratio	Lower	Upper
77	100		
105	90.9	74.5	114.5
106	89.7	68.0	108.0

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM



#10

Phenol

Concen: 40.245 ng

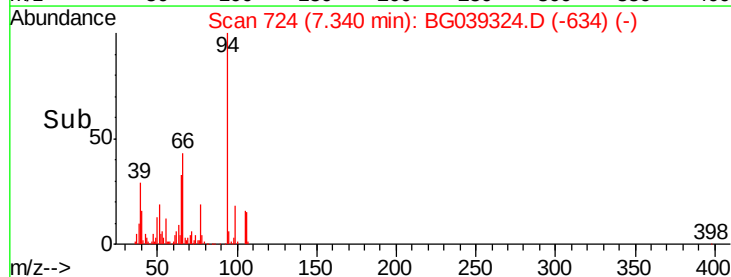
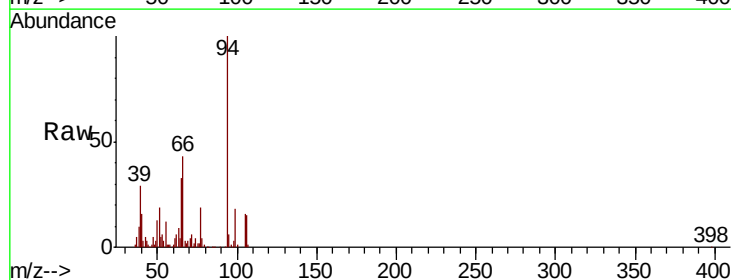
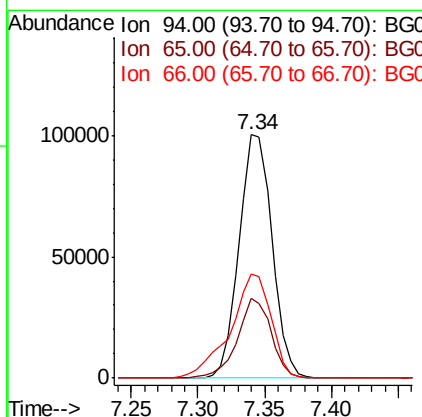
RT: 7.34 min Scan# 724

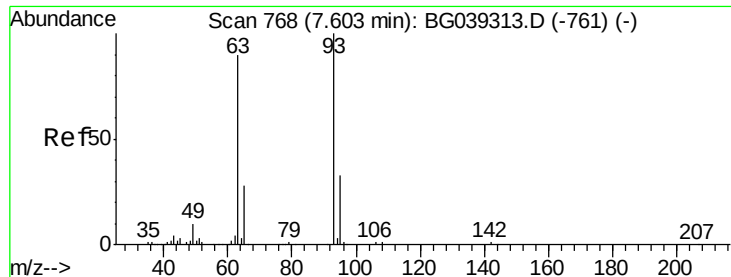
Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Tgt Ion:	94	Resp:	171740
Ion	Ratio	Lower	Upper
94	100		
65	33.0	11.7	51.7
66	42.7	23.7	63.7





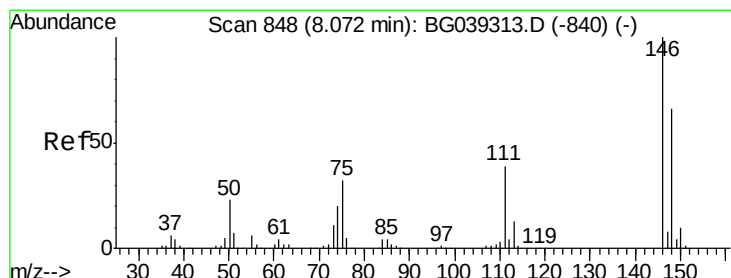
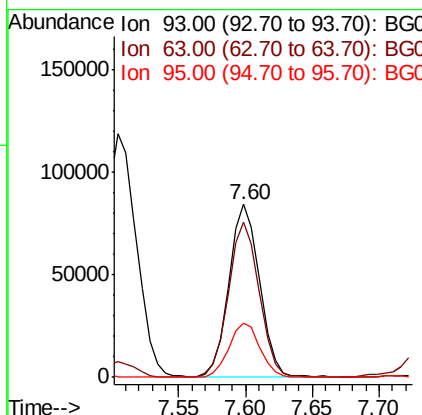
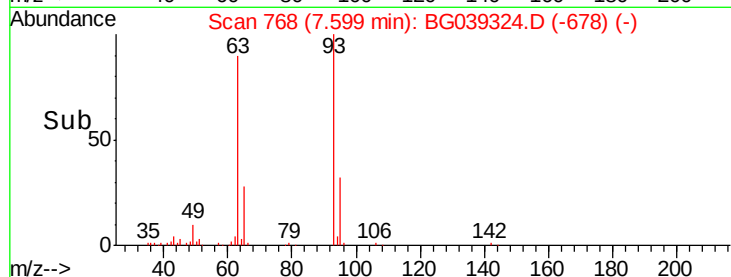
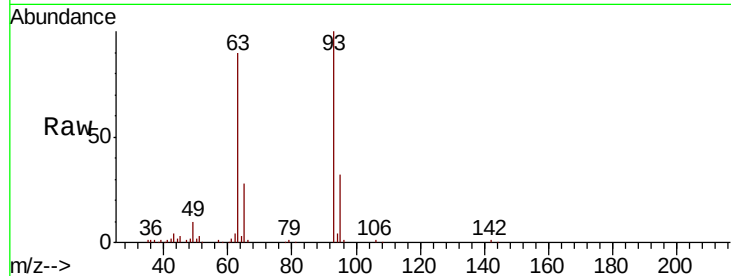
#11
bis(2-Chloroethyl)ether
Concen: 40.305 ng
RT: 7.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.9	69.5	109.5
95	31.6	12.7	52.7

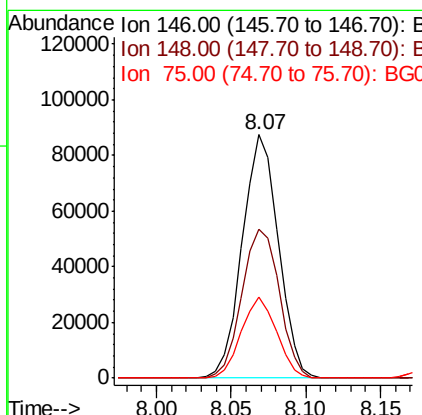
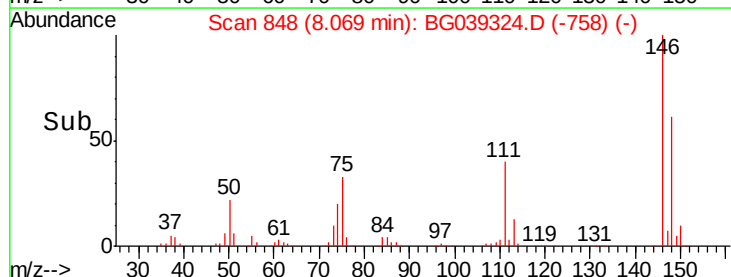
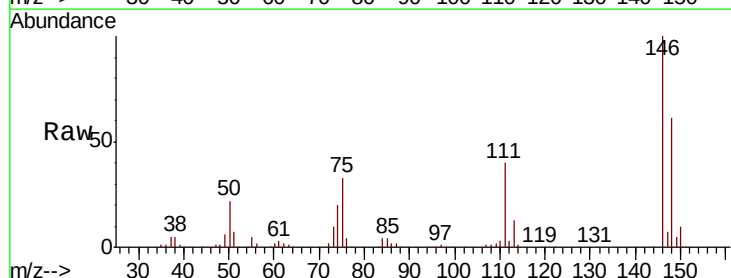
Manual Integrations
APPROVED

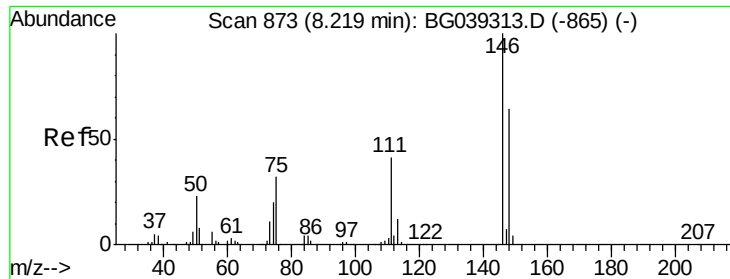
mohammad
2/1/2019 12:05:28 AM



#12
1,3-Dichlorobenzene
Concen: 39.777 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	52.6	79.0
75	33.1	25.8	38.6





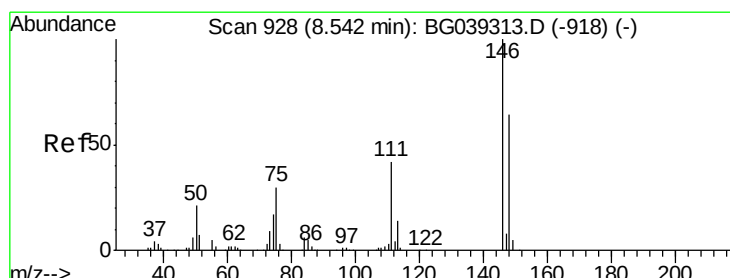
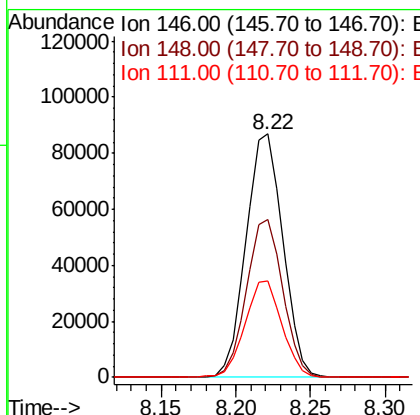
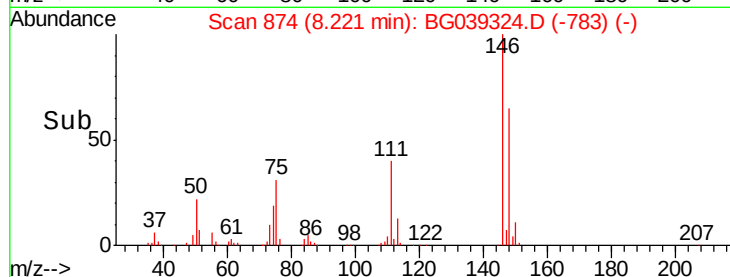
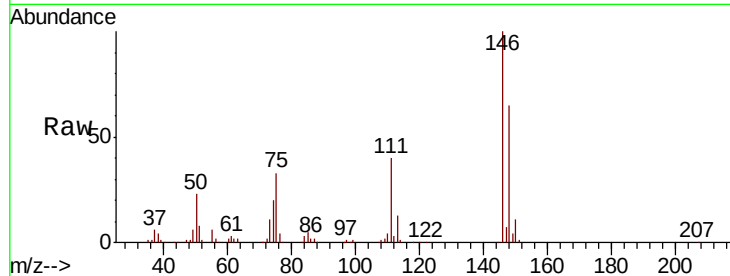
#13
 1,4-Dichlorobenzene
 Concen: 40.398 ng
 RT: 8.22 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BG039324.D
 Acq: 30 Jan 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	39.6	32.6	48.8

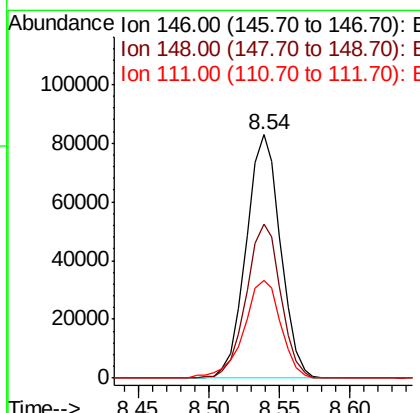
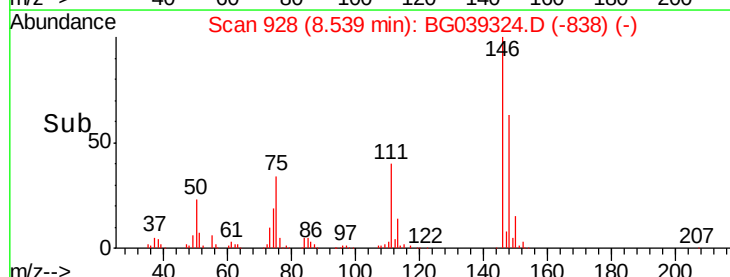
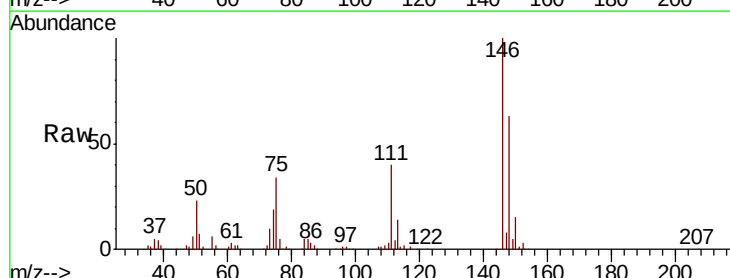
Manual Integrations
 APPROVED

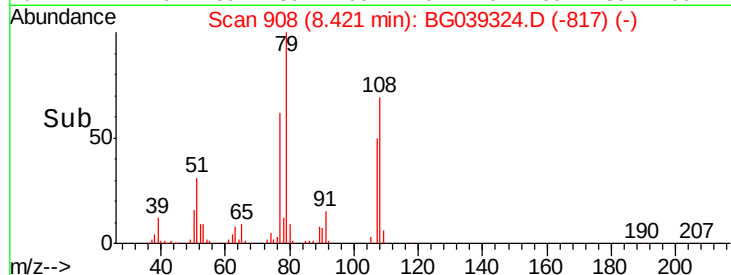
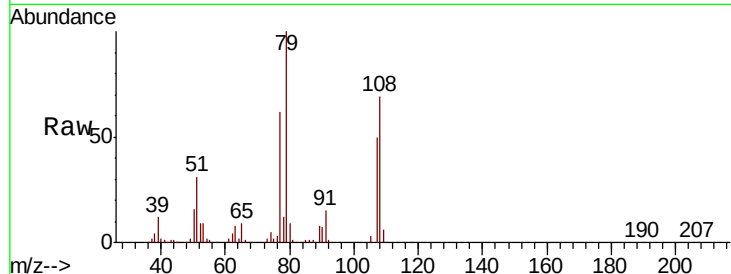
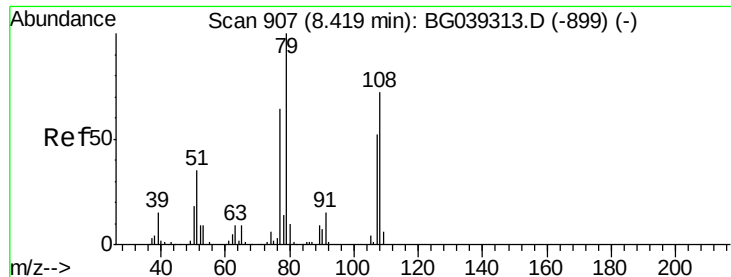
mohammad
 2/1/2019 12:05:28 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.597 ng
 RT: 8.54 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BG039324.D
 Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.5	77.3
111	40.2	33.8	50.6





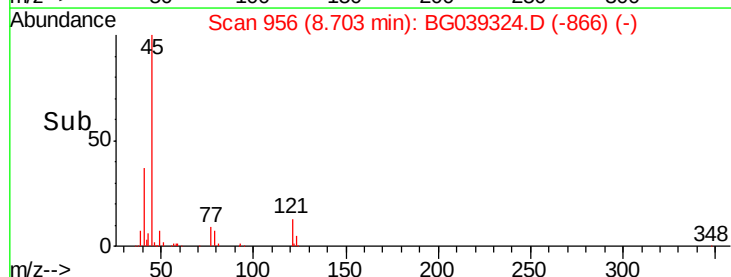
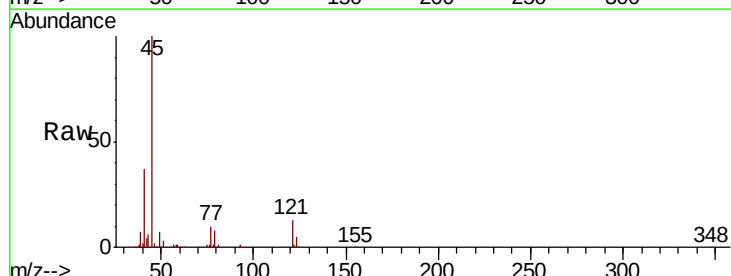
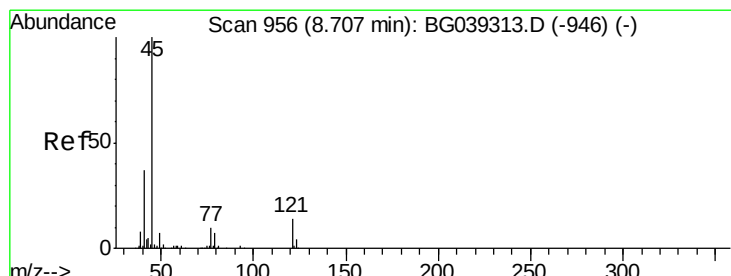
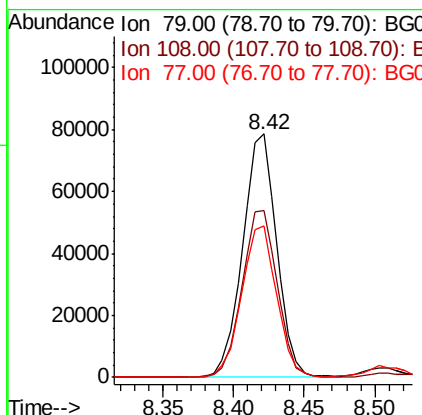
#15
Benzyl Alcohol
Concen: 41.095 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.6	57.8	86.6
77	62.0	51.1	76.7

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

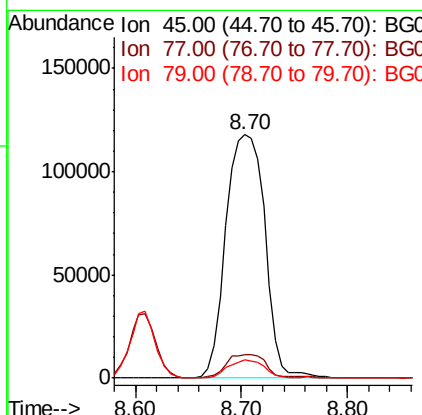
Manual Integrations
APPROVED

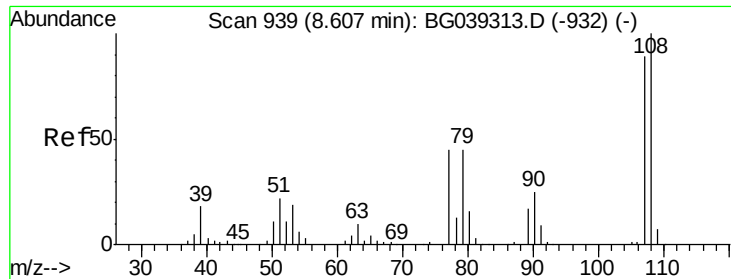
mohammad
2/1/2019 12:05:28 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.689 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

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





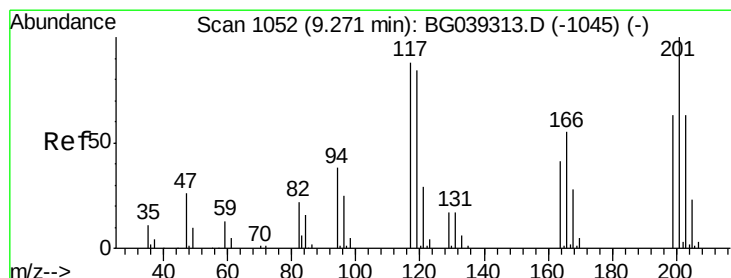
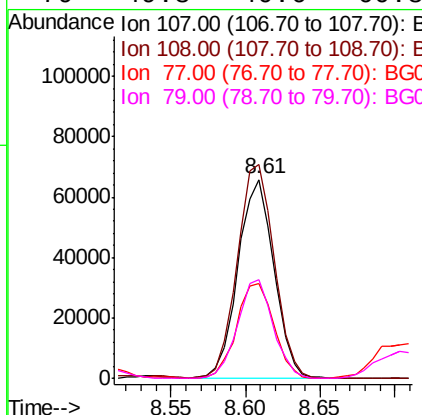
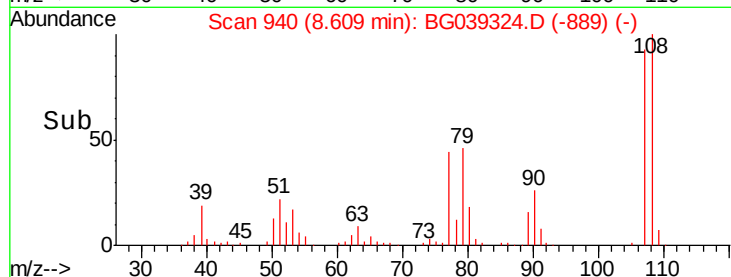
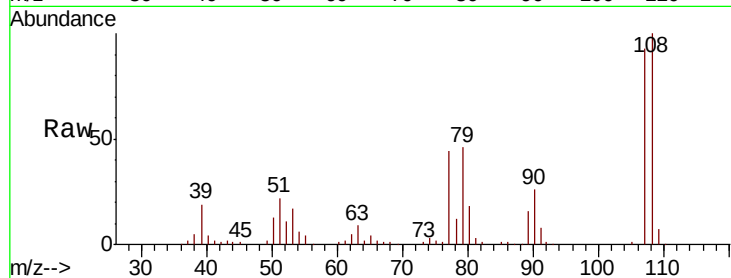
#17
2-Methylphenol
Concen: 39.747 ng
RT: 8.61 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.6	90.8	136.2
77	47.5	40.7	61.1
79	49.8	40.6	60.8

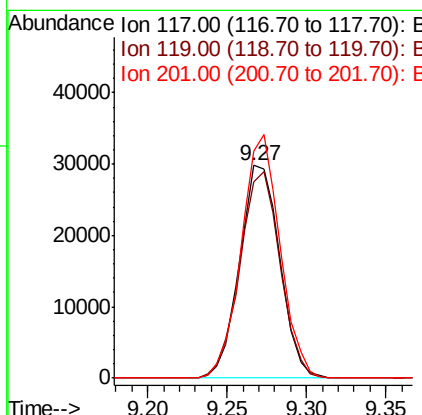
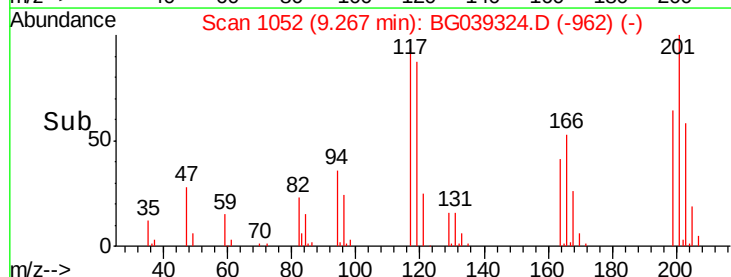
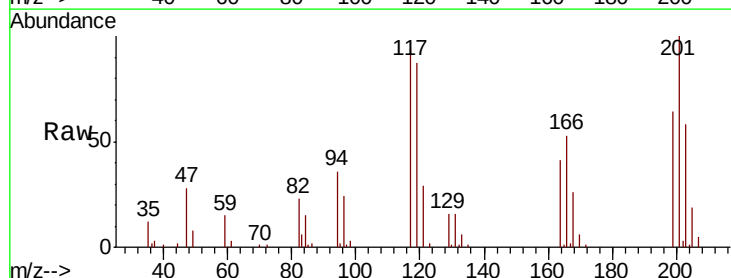
Manual Integrations
APPROVED

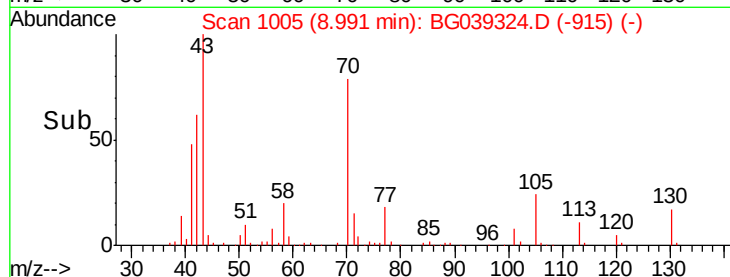
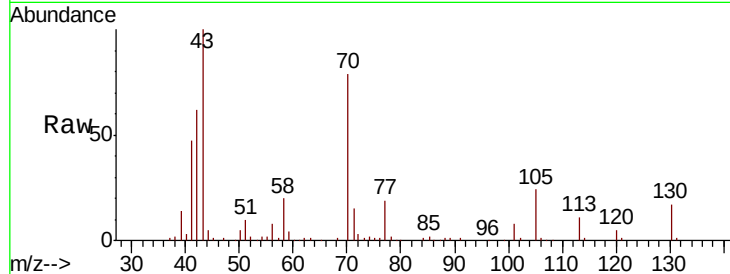
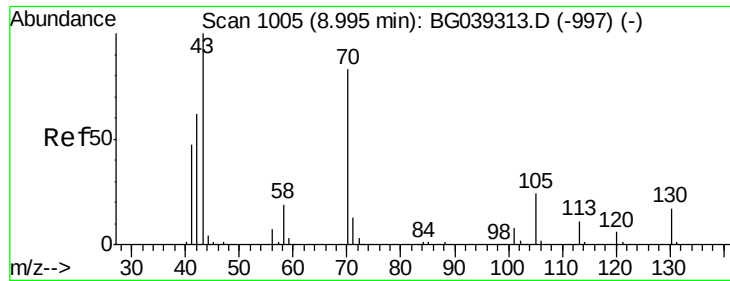
mohammad
2/1/2019 12:05:28 AM



#18
Hexachloroethane
Concen: 41.630 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	76.3	114.5
201	106.6	91.1	136.7





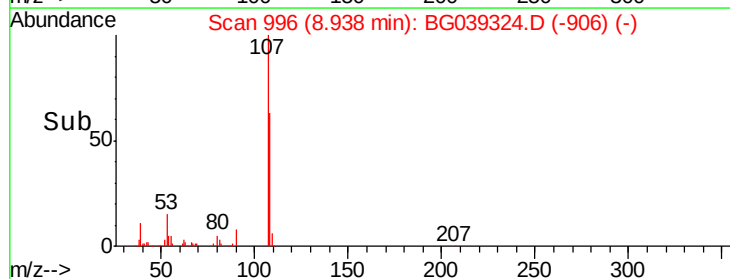
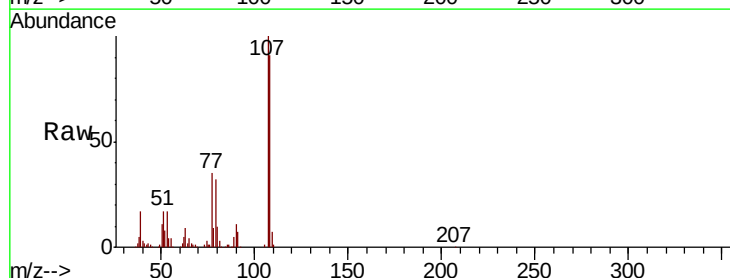
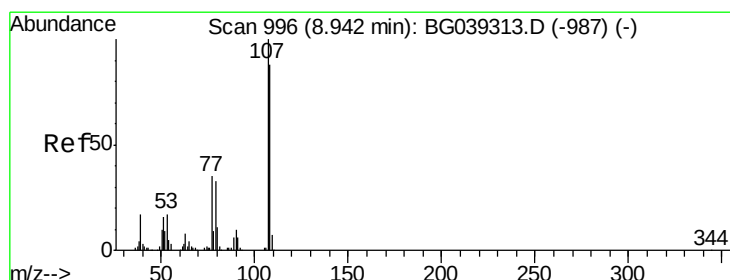
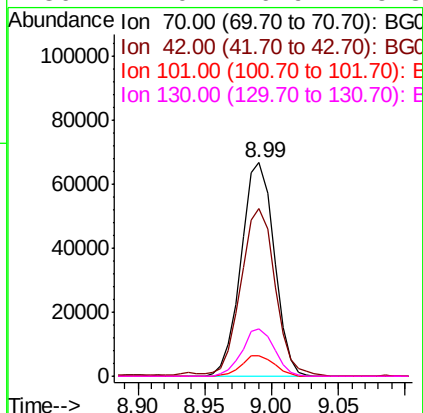
#19
n-Nitroso-di-n-propylamine
Concen: 39.416 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	78.7	60.4	90.6	
101	9.8	7.5	11.3	
130	22.0	16.9	25.3	

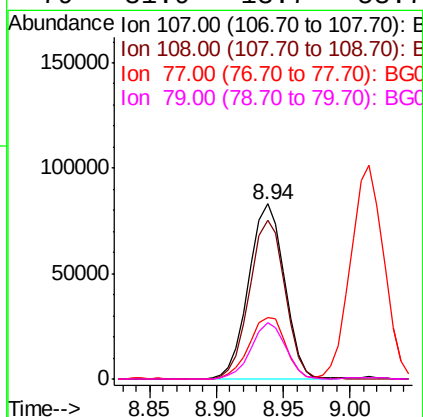
Manual Integrations
APPROVED

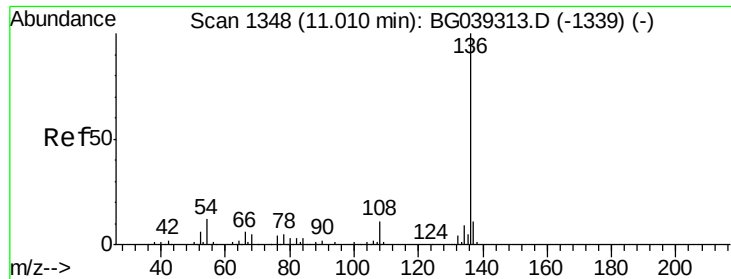
mohammad
2/1/2019 12:05:28 AM



#20
3+4-Methylphenols
Concen: 40.500 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.9	67.9	107.9	
77	35.3	15.4	55.4	
79	31.9	13.7	53.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.01 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

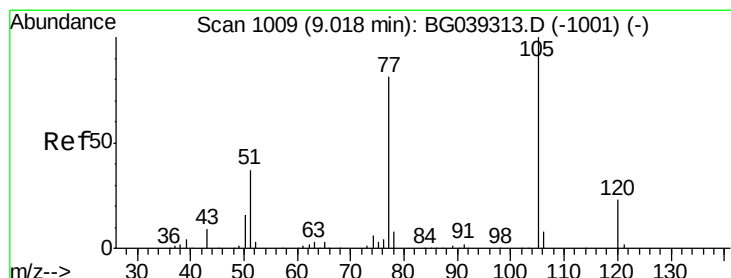
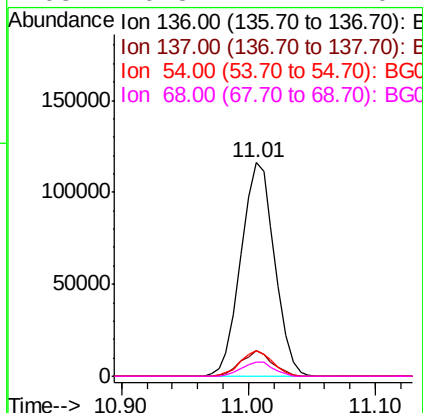
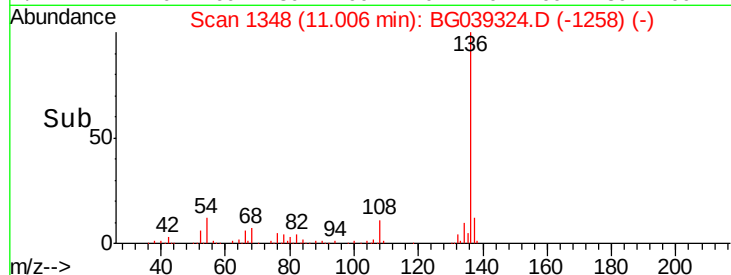
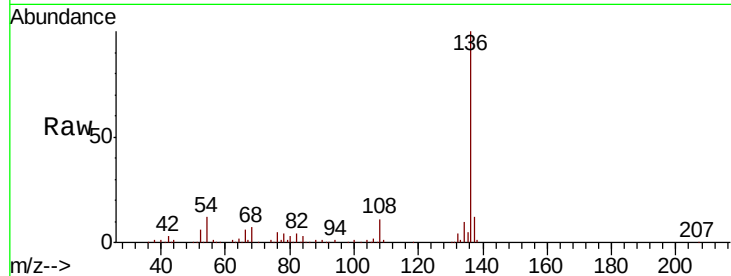
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	213308		
137	12.0		9.1	13.7
54	11.9		9.4	14.2
68	6.8		4.2	6.4#

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM



#22

Acetophenone

Concen: 37.572 ng

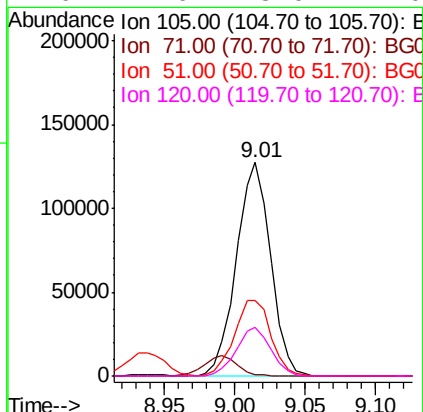
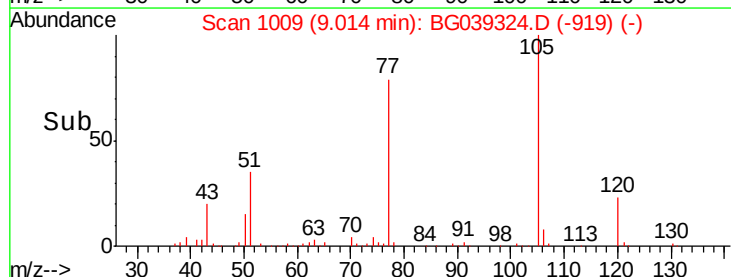
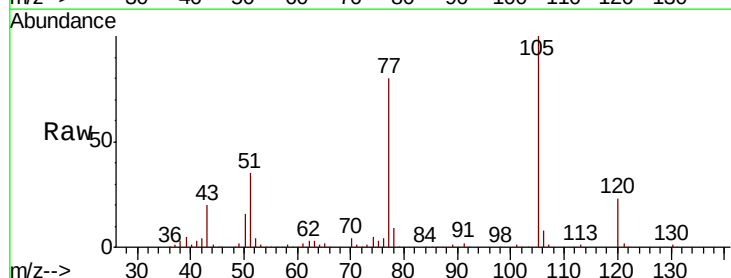
RT: 9.01 min Scan# 1009

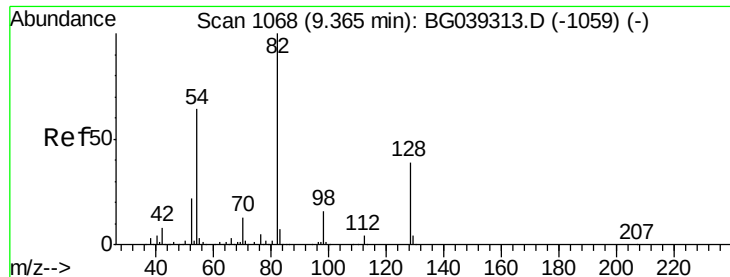
Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	215282		
71	0.5		0.8	1.2#
51	35.5		30.2	45.2
120	22.6		18.0	27.0





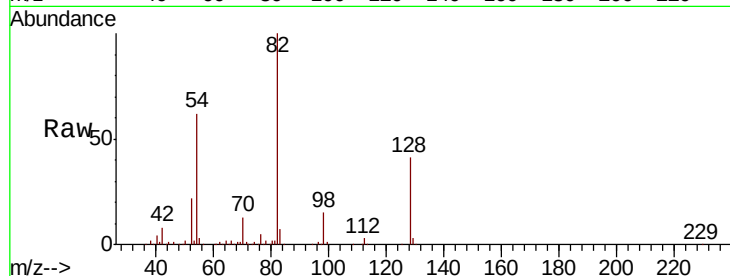
#23
Nitrobenzene-d5
Concen: 85.173 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.3	46.9
54	62.4	50.9	76.3

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM

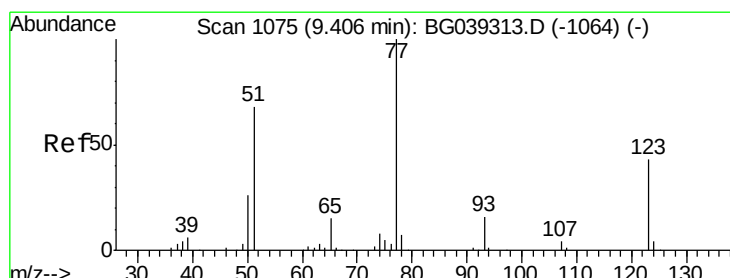
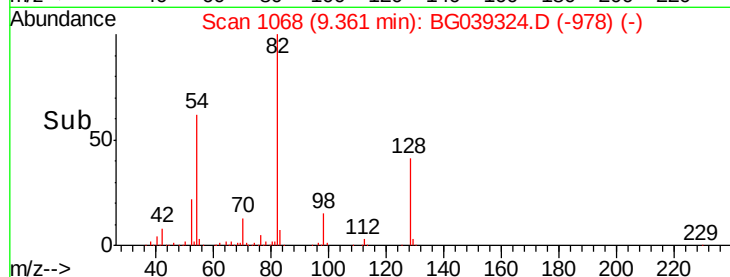
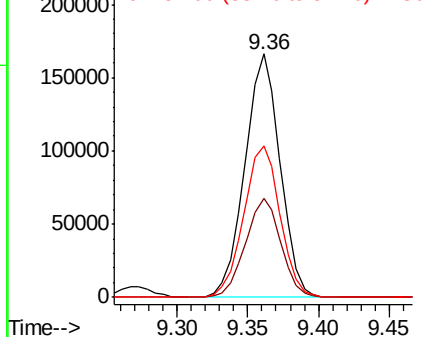


Abundance

Ion 82.00 (81.70 to 82.70): BGC

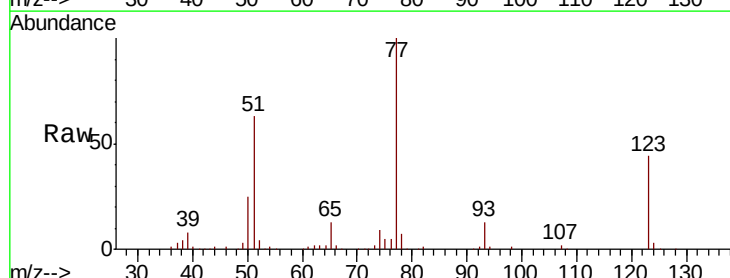
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 41.940 ng
RT: 9.40 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	34.1	51.1
65	13.2	12.3	18.5

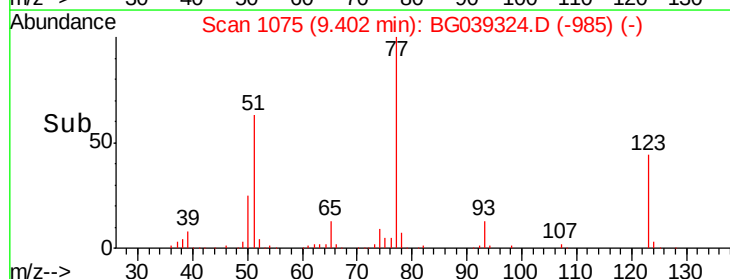
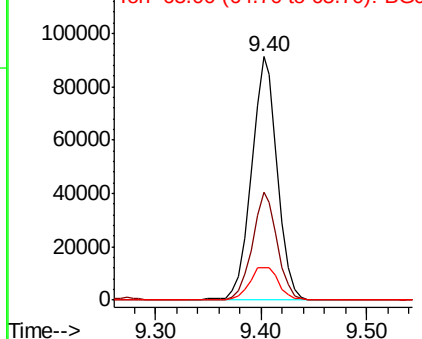


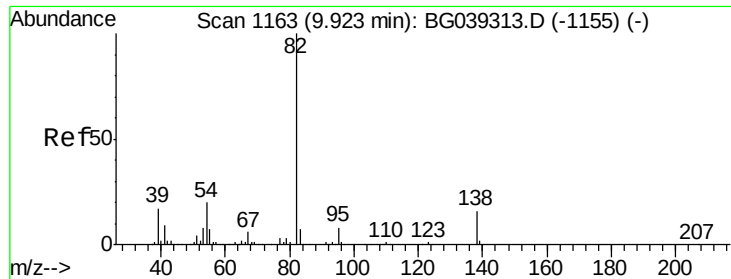
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 37.682 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

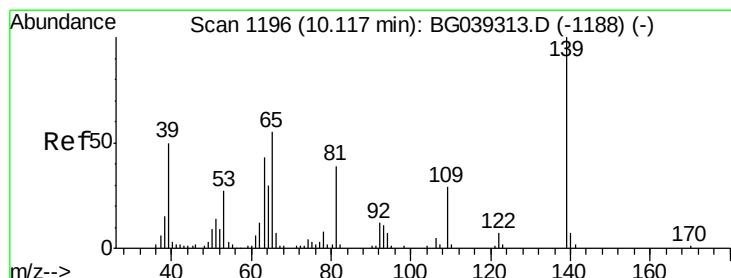
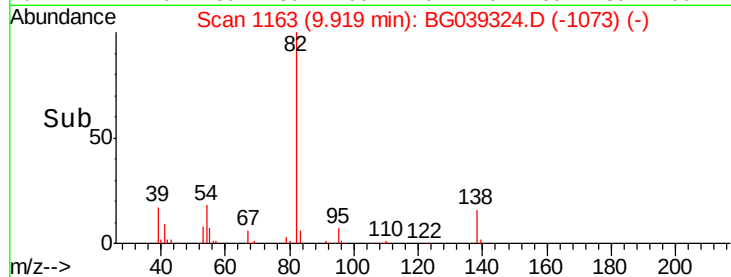
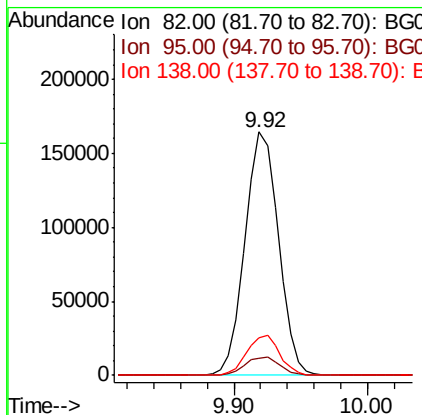
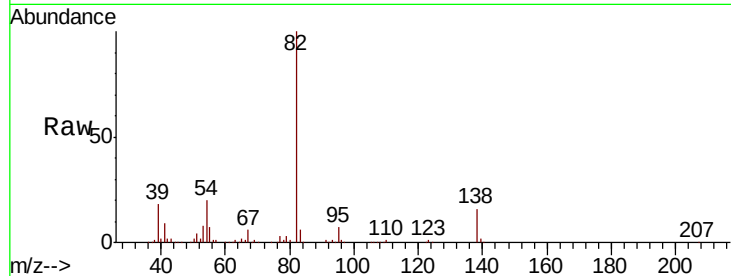
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	285116
Ion	Ratio	Lower	Upper
82	100		
95	7.2	6.2	9.2
138	15.7	13.0	19.4

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM



#26

2-Nitrophenol

Concen: 44.033 ng

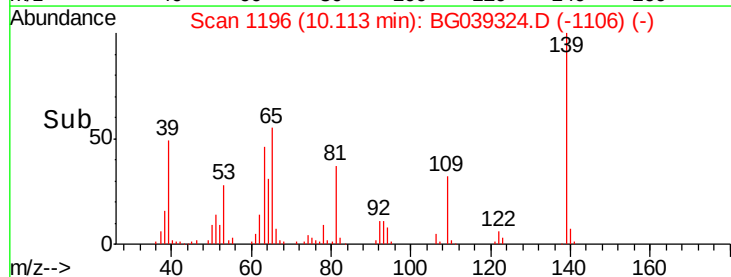
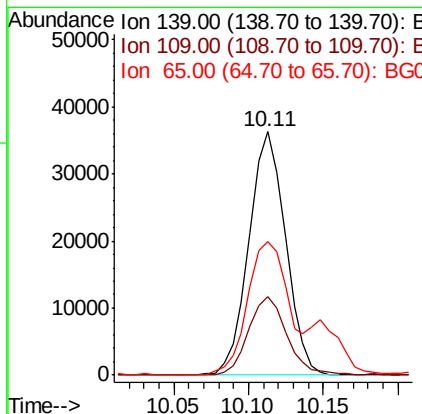
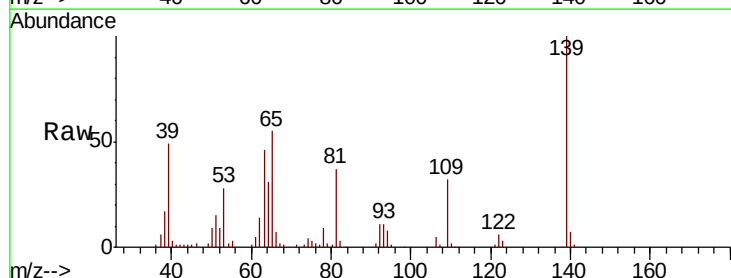
RT: 10.11 min Scan# 1196

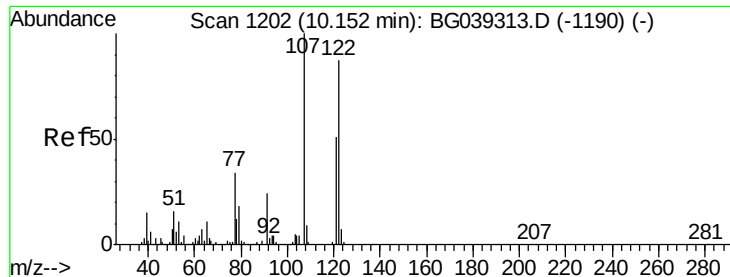
Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Tgt Ion:	139	Resp:	61664
Ion	Ratio	Lower	Upper
139	100		
109	32.1	23.4	35.0
65	55.0	44.3	66.5





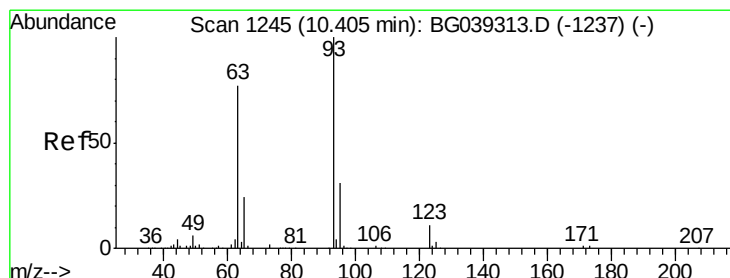
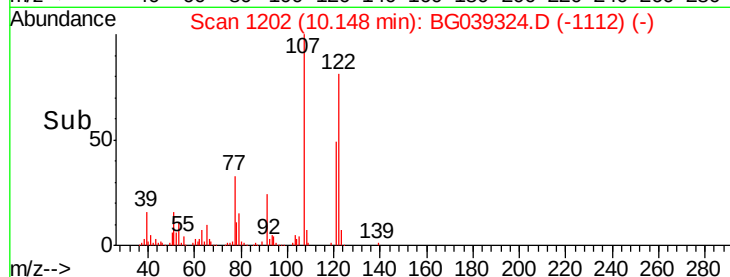
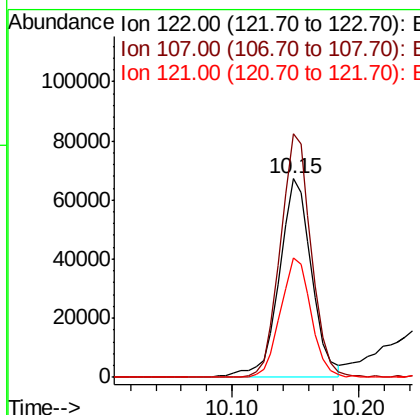
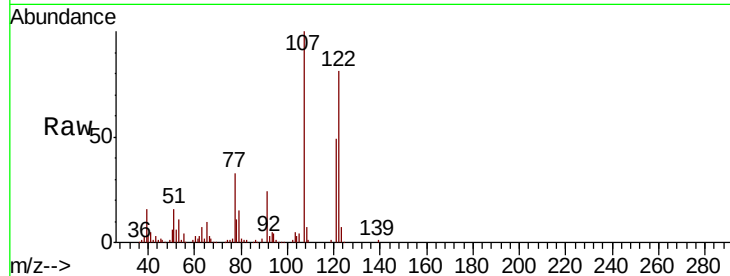
#27
2,4-Dimethylphenol
Concen: 38.920 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.7	91.7	137.5
121	60.2	46.4	69.6

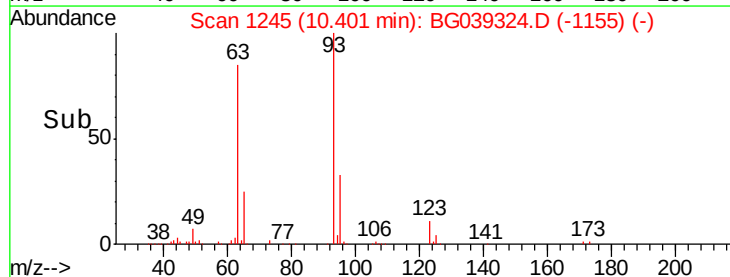
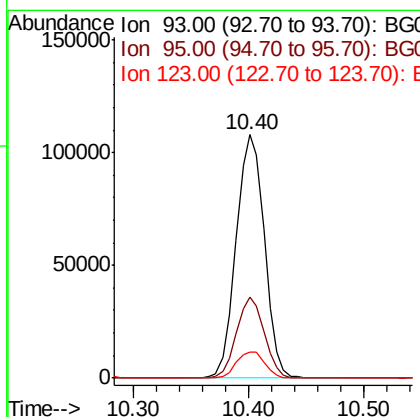
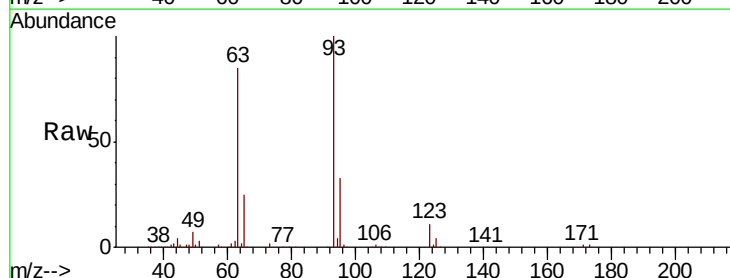
Manual Integrations
APPROVED

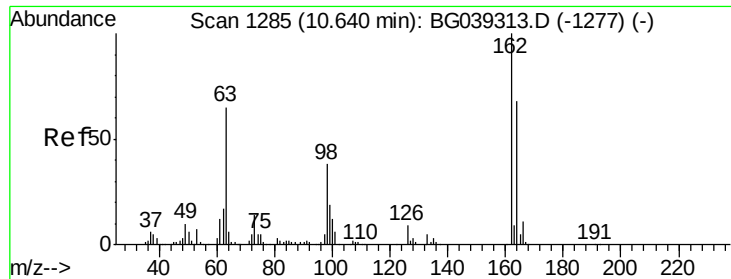
mohammad
2/1/2019 12:05:28 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.105 ng
RT: 10.40 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.0	37.4
123	10.7	8.6	12.8





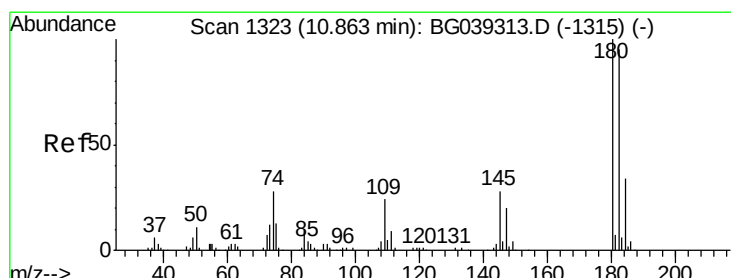
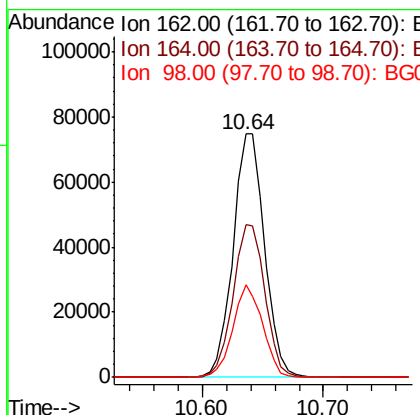
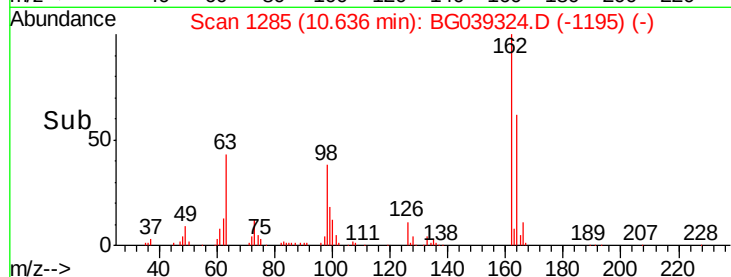
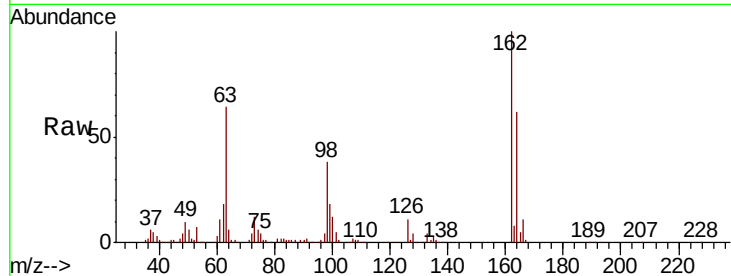
#29
2,4-Dichlorophenol
Concen: 40.514 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	135529		
164	62.5	48.1	88.1	
98	38.0	18.1	58.1	

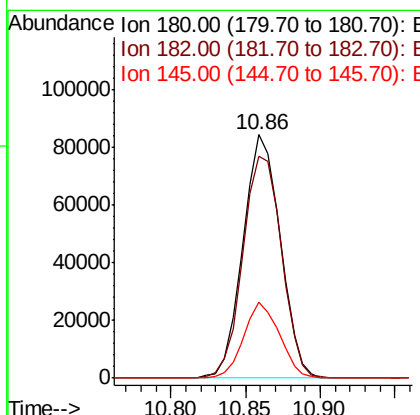
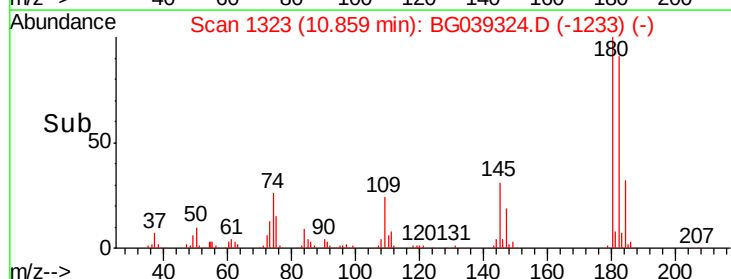
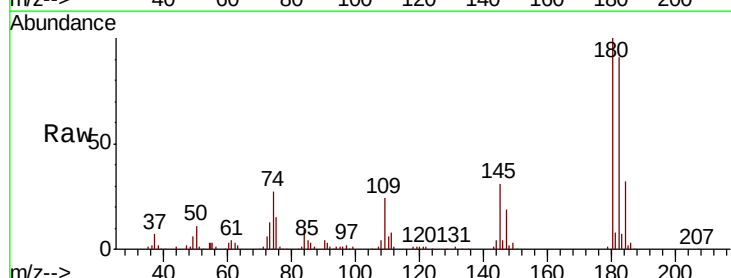
Manual Integrations
APPROVED

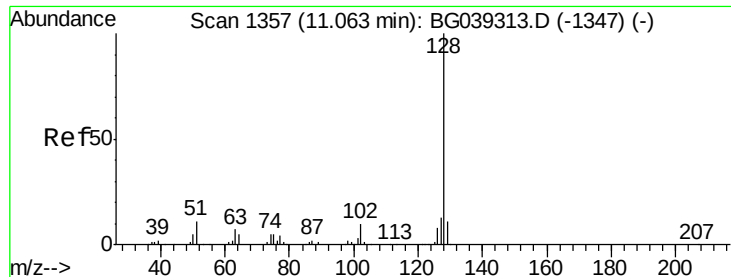
mohammad
2/1/2019 12:05:28 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.862 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	145954		
182	90.9	76.0	114.0	
145	31.1	22.7	34.1	





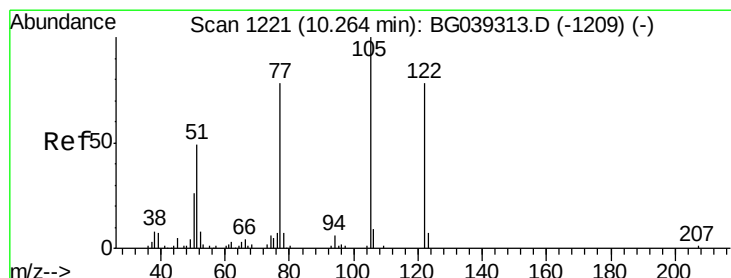
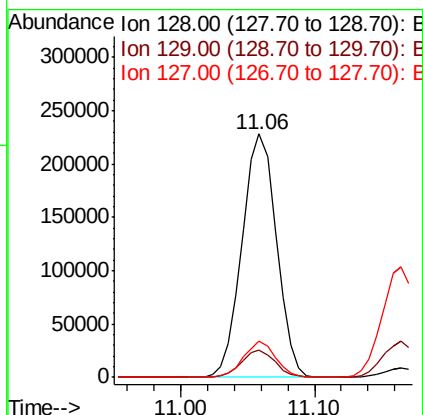
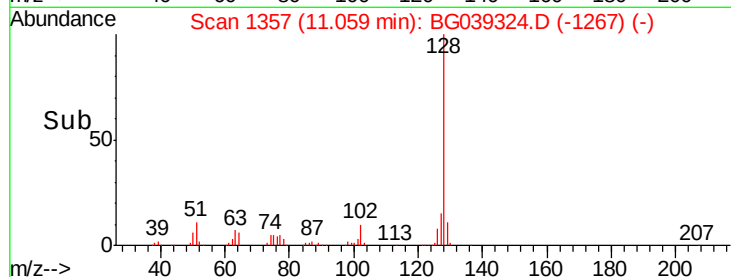
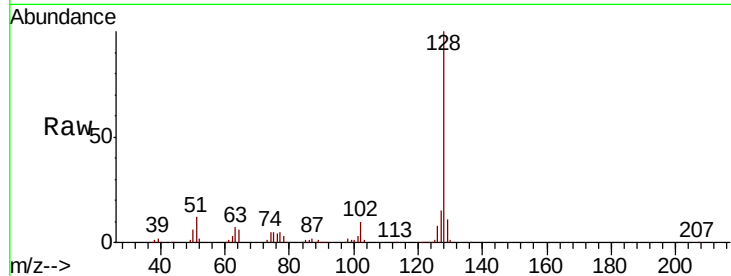
#31
Naphthalene
Concen: 38.419 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	15.0	10.8	16.2

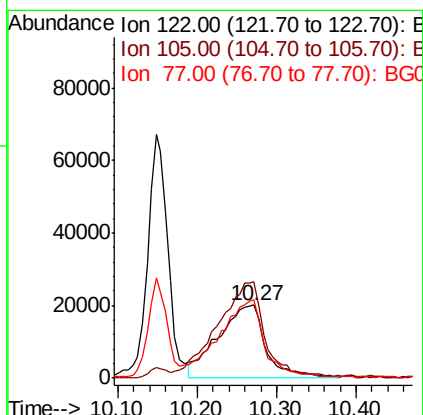
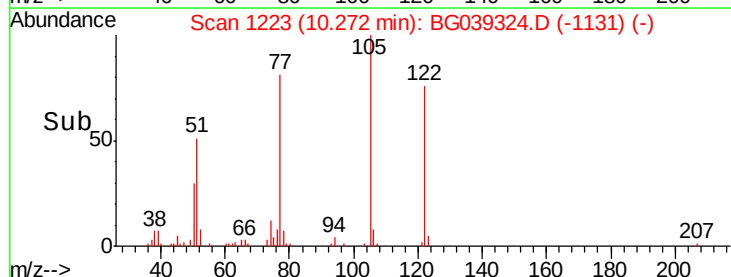
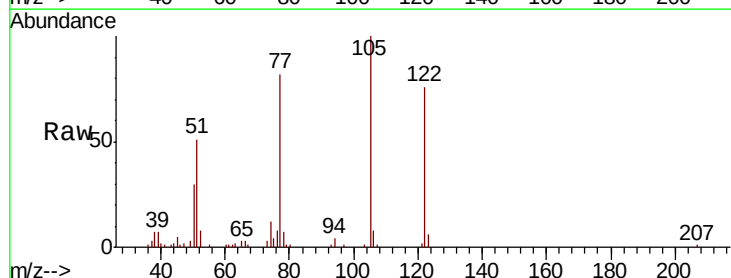
Manual Integrations
APPROVED

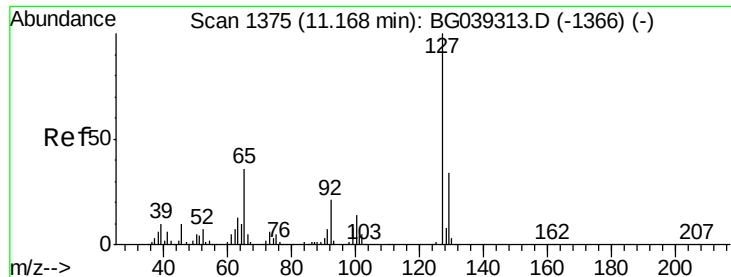
mohammad
2/1/2019 12:05:28 AM



#32
Benzoic acid
Concen: 42.363 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.5	101.8	141.8
77	107.3	76.3	116.3





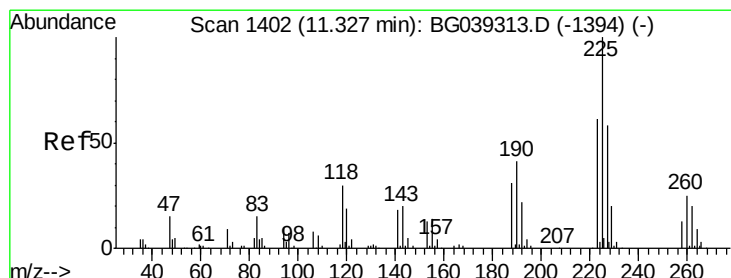
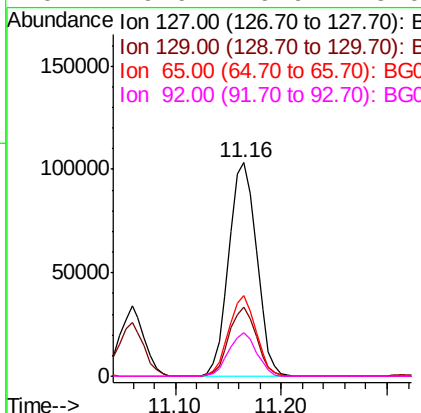
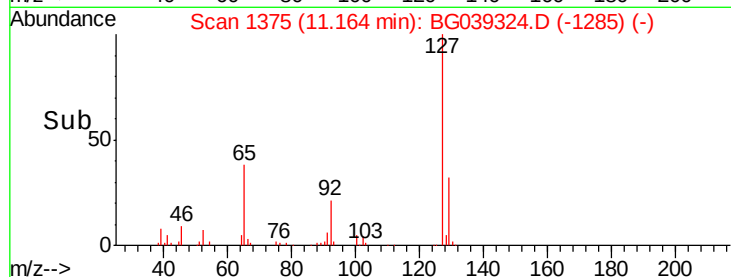
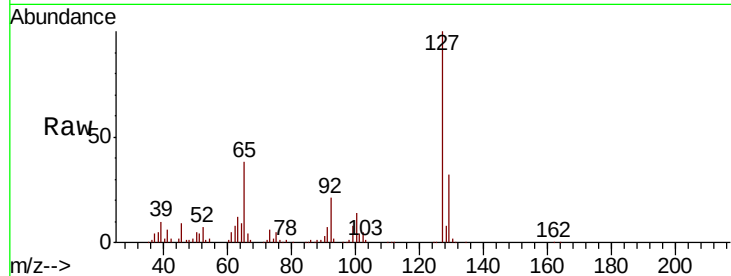
#33
4-Chloroaniline
Concen: 38.429 ng
RT: 11.16 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	27.0	40.4		
65	37.9	28.8	43.2		
92	20.6	16.6	25.0		

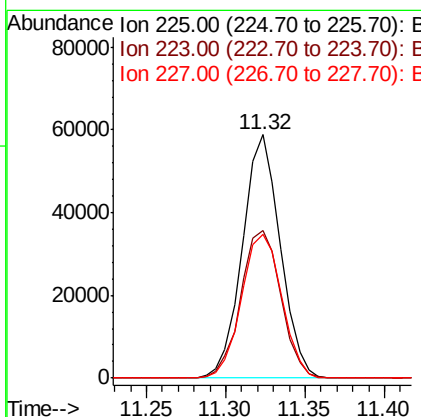
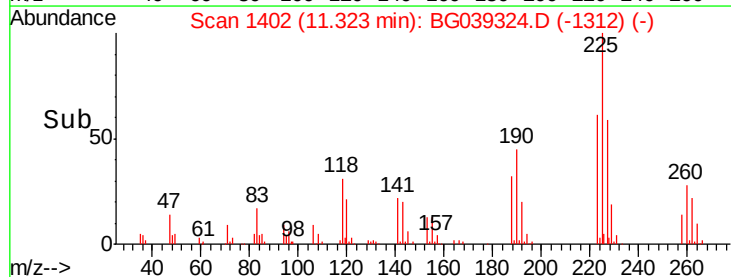
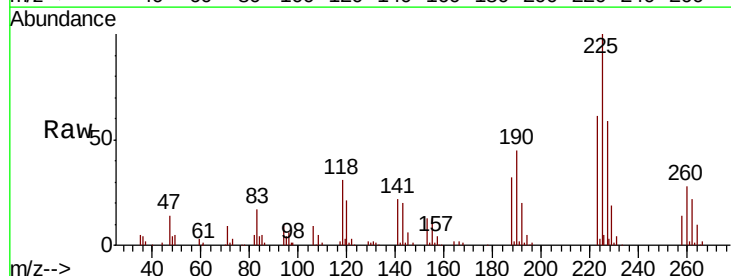
Manual Integrations
APPROVED

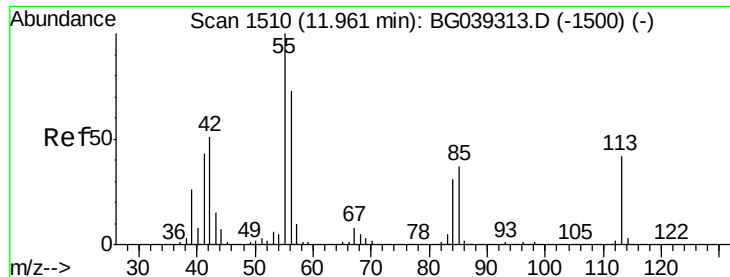
mohammad
2/1/2019 12:05:28 AM



#34
Hexachlorobutadiene
Concen: 39.106 ng
RT: 11.32 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.6	49.0	73.6		
227	59.1	46.3	69.5		





#35

Caprolactam

Concen: 38.548 ng

RT: 11.96 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 53362

Ion Ratio Lower Upper

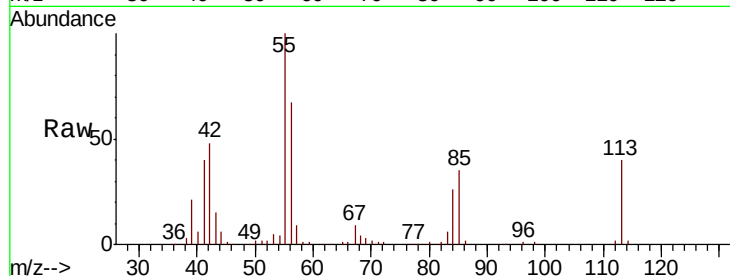
113 100

55 247.8 216.9 256.9

56 166.7 152.6 192.6

Manual Integrations
APPROVED

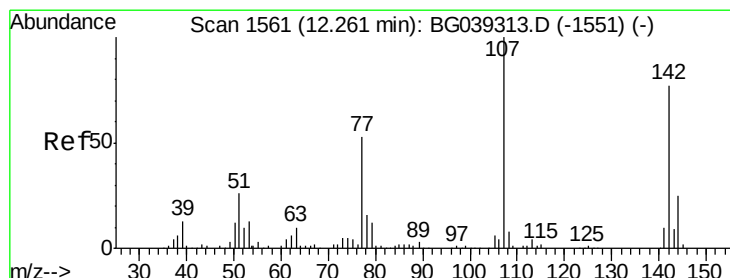
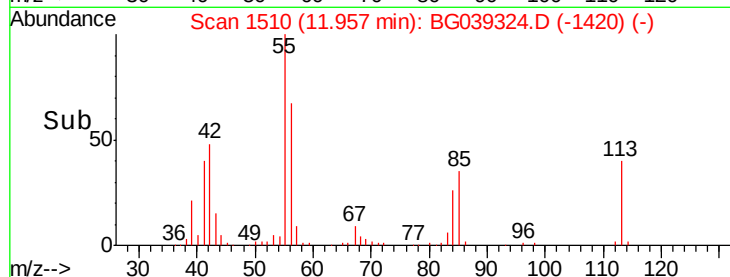
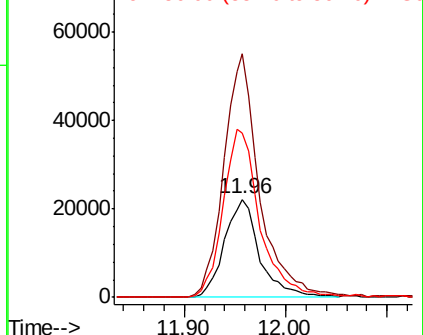
mohammad
2/1/2019 12:05:28 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.614 ng

RT: 12.26 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

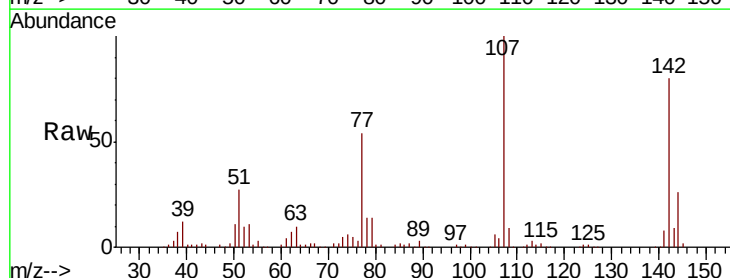
Tgt Ion:107 Resp: 157127

Ion Ratio Lower Upper

107 100

144 25.6 20.2 30.2

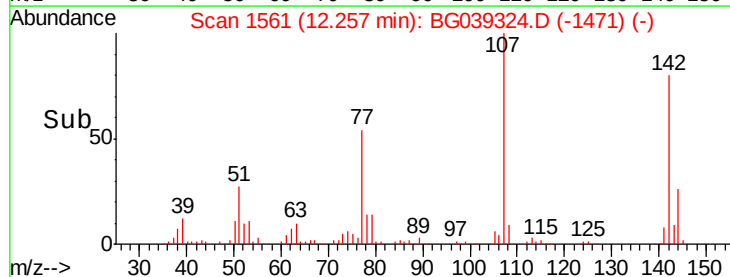
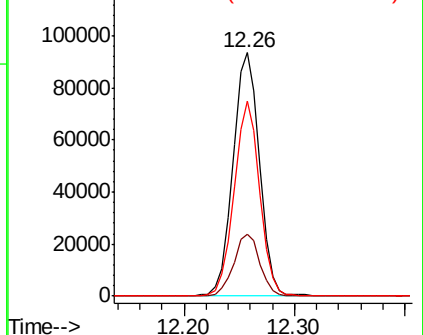
142 79.9 61.4 92.2

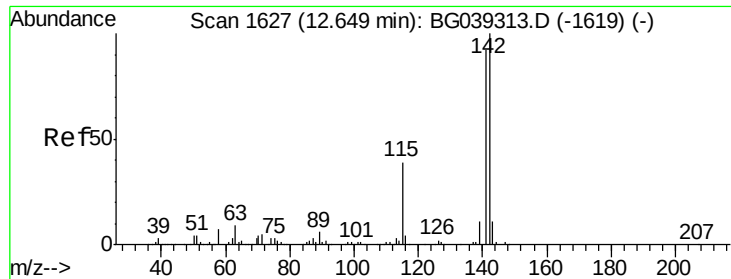


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





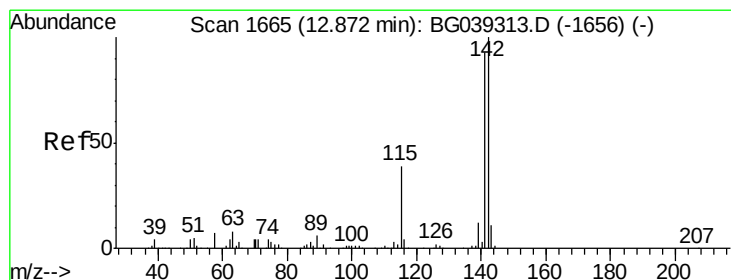
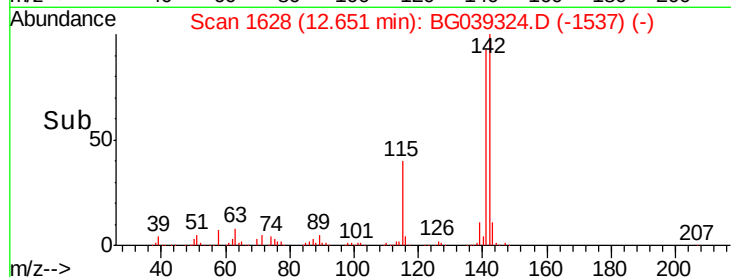
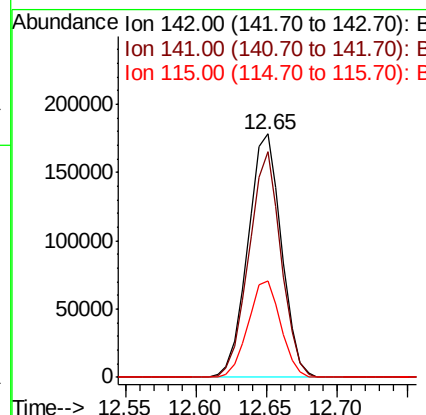
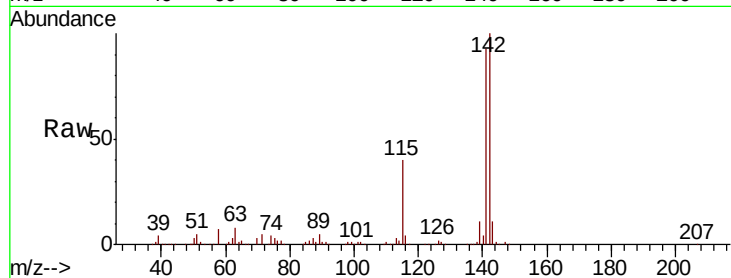
#37
2-Methylnaphthalene
Concen: 37.759 ng
RT: 12.65 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.5	110.3
115	39.5	30.8	46.2

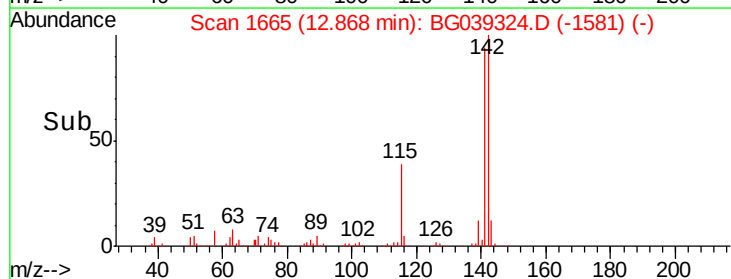
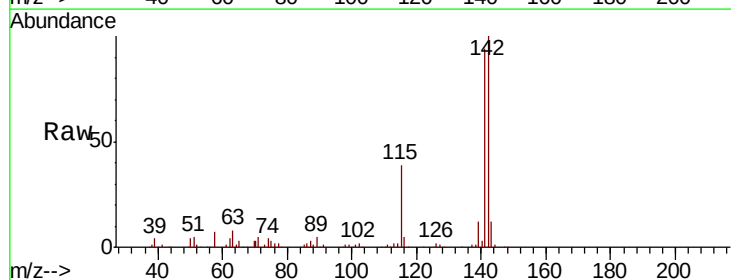
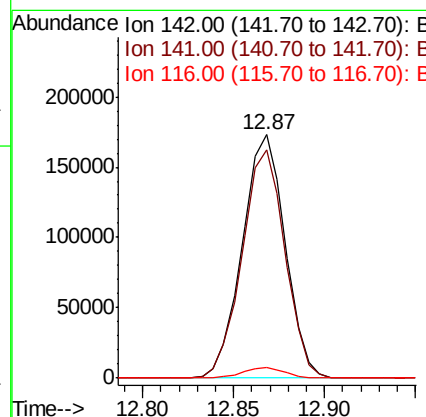
Manual Integrations
APPROVED

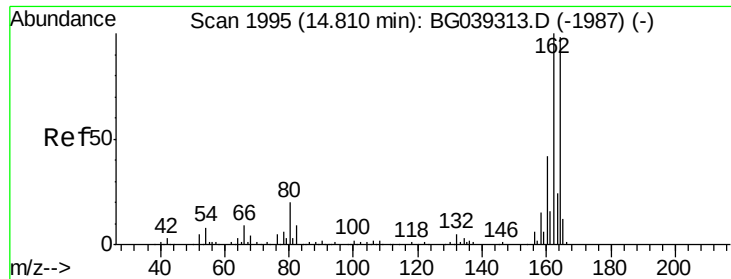
mohammad
2/1/2019 12:05:28 AM



#38
1-Methylnaphthalene
Concen: 37.554 ng m
RT: 12.87 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.2	111.4
116	4.6	3.0	4.6#





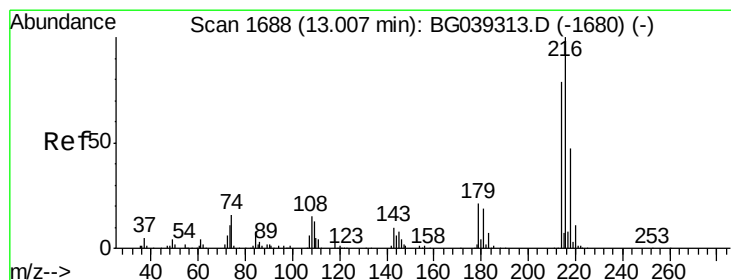
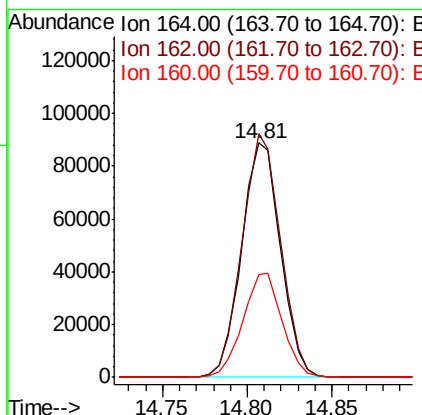
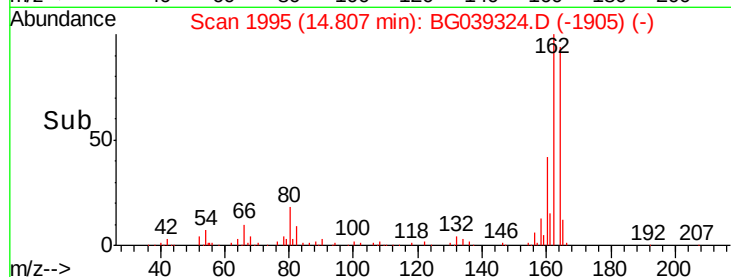
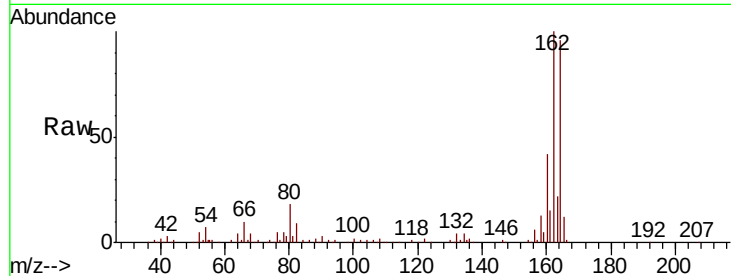
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.6	122.4
160	43.9	34.2	51.2

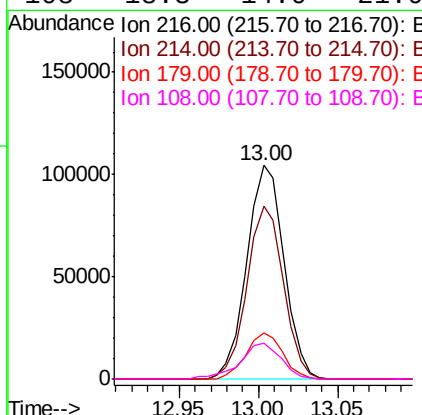
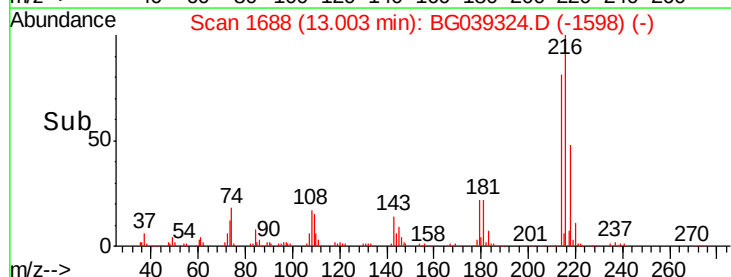
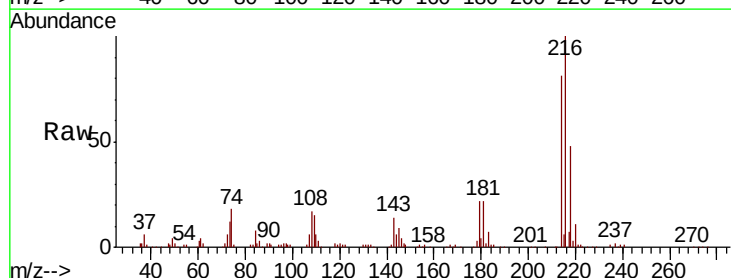
Manual Integrations
APPROVED

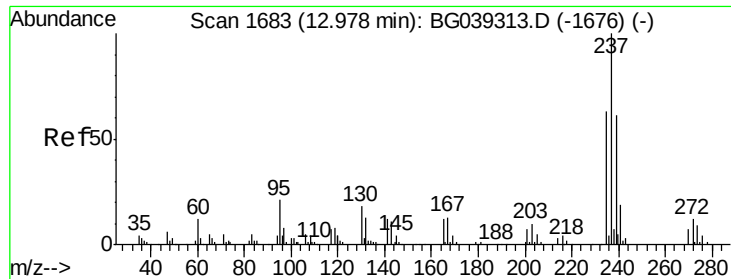
mohammad
2/1/2019 12:05:28 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.693 ng
RT: 13.00 min Scan# 1688
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.6	94.0
179	21.3	16.6	25.0
108	18.3	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 39.858 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

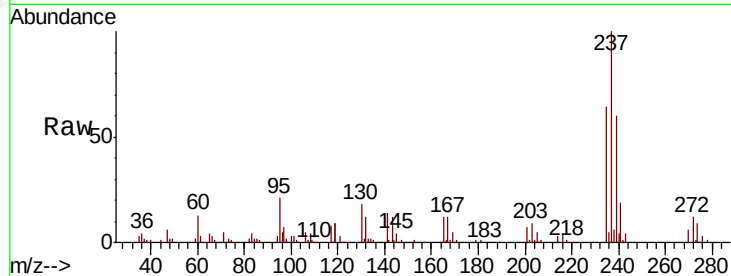
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	98326
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.3	83.3
272	11.6	0.0	32.3

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM

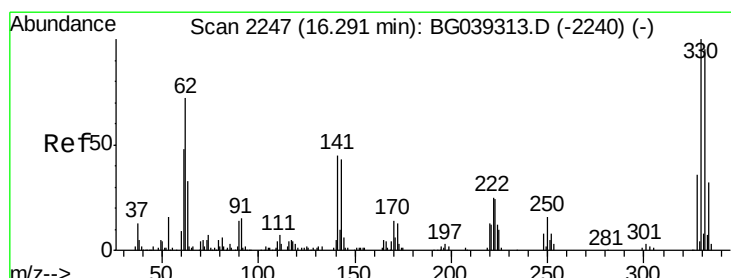
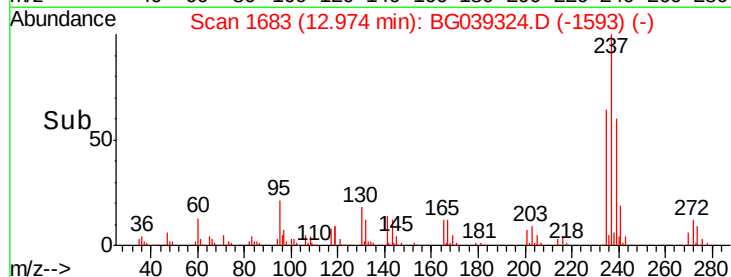
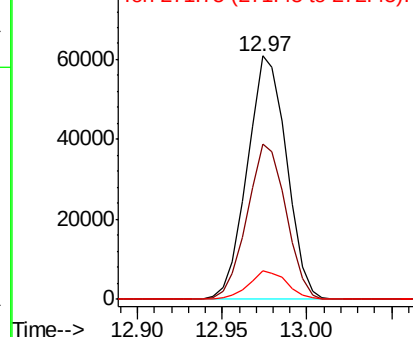


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.885 ng

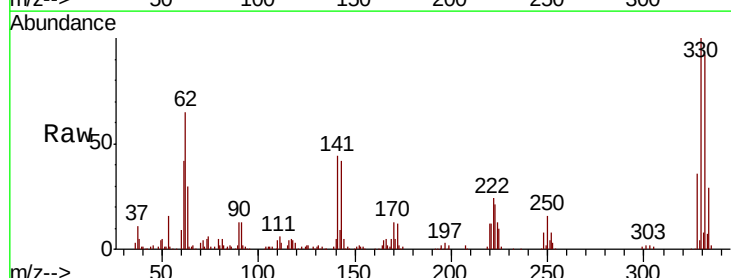
RT: 16.29 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Tgt Ion:	330	Resp:	122399
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.7	113.5
141	45.1	35.6	53.4

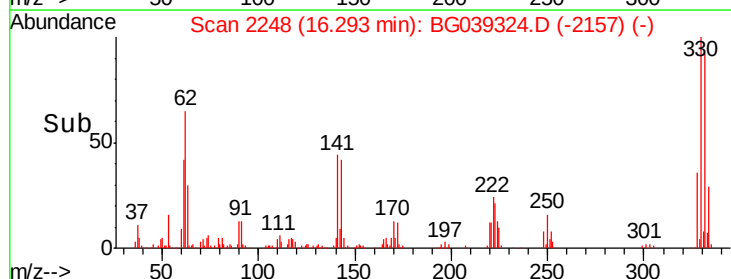
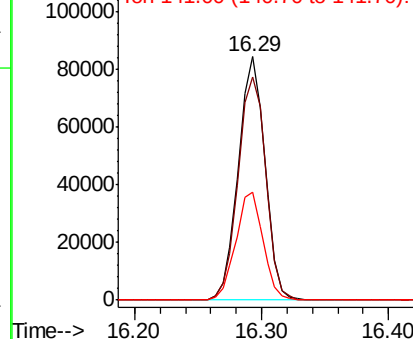


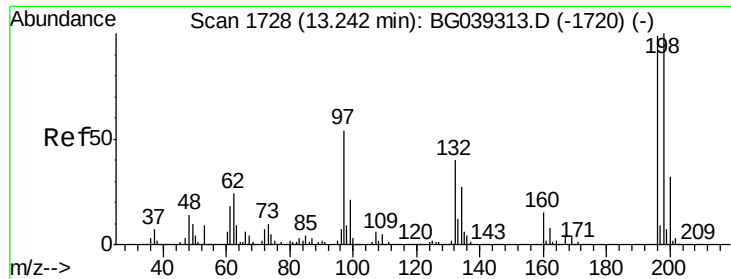
Abundance

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





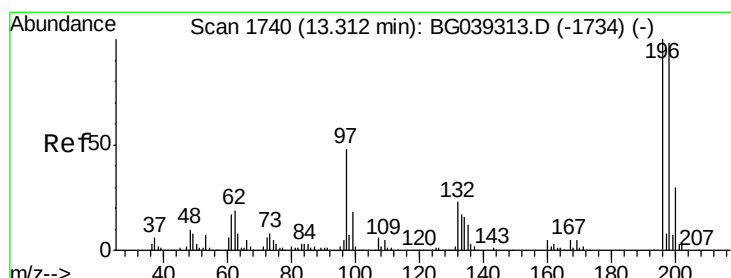
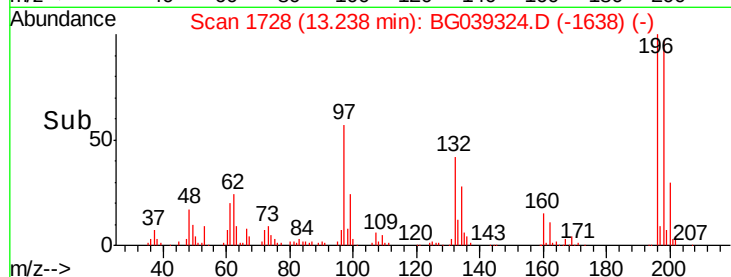
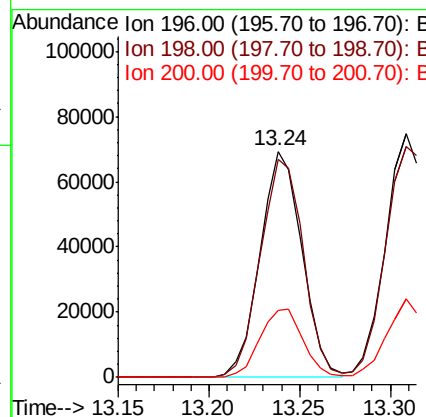
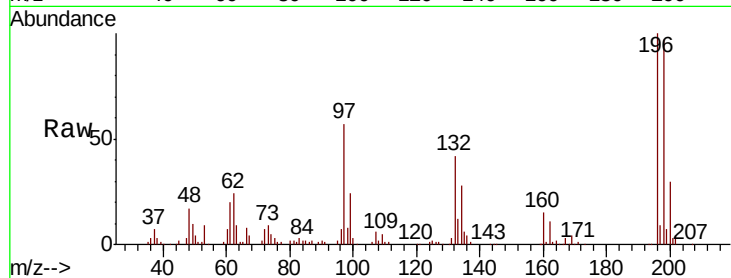
#43
2,4,6-Trichlorophenol
Concen: 40.106 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	111637		
198	96.6	80.6	121.0	
200	29.5	26.1	39.1	

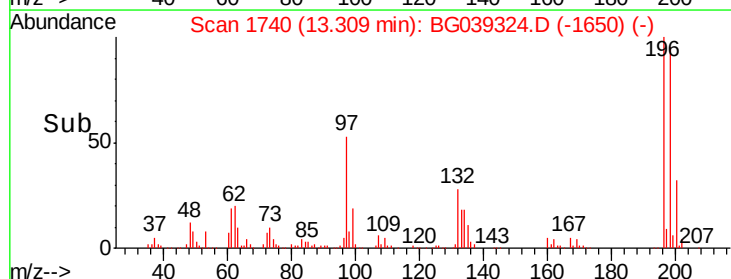
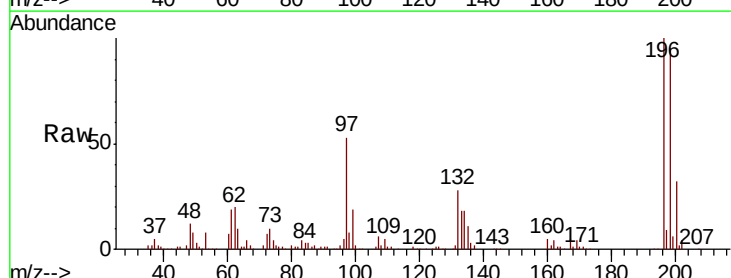
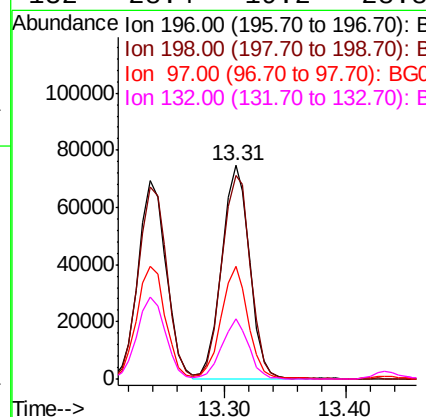
Manual Integrations
APPROVED

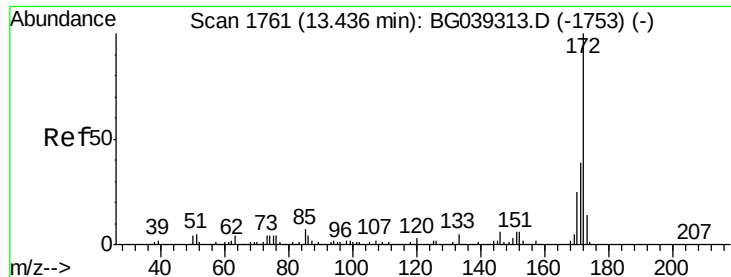
mohammad
2/1/2019 12:05:28 AM



#44
2,4,5-Trichlorophenol
Concen: 40.897 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	119312		
198	95.0	78.5	117.7	
97	53.0	38.4	57.6	
132	28.4	19.2	28.8	





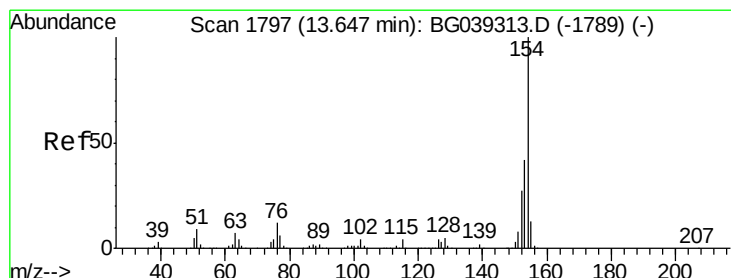
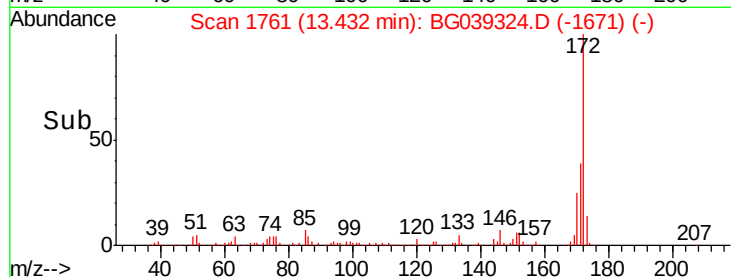
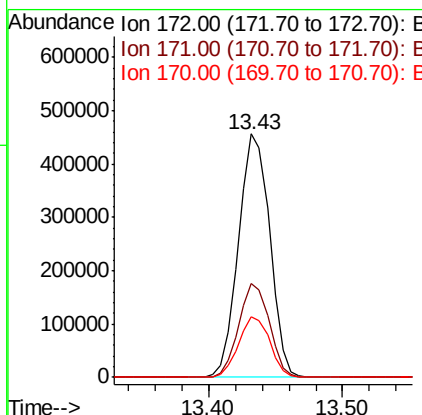
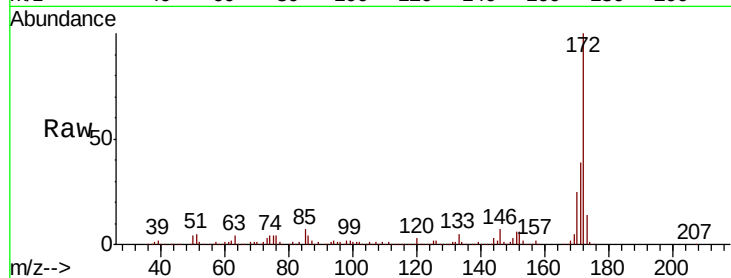
#45
2-Fluorobiphenyl
Concen: 74.355 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.8	46.2
170	24.7	20.2	30.4

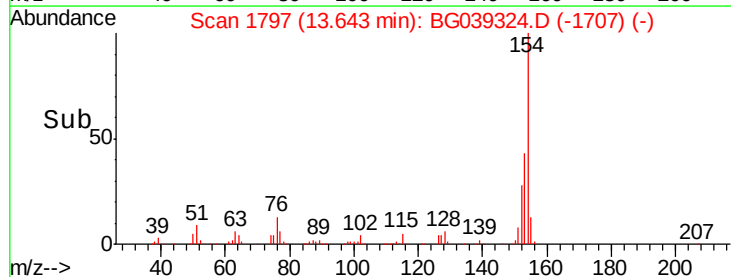
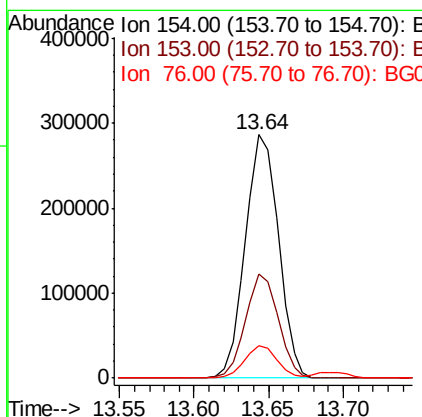
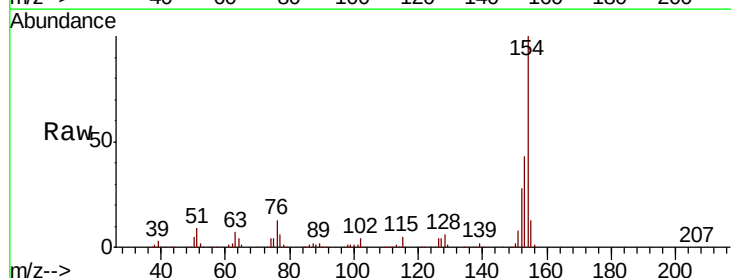
Manual Integrations
APPROVED

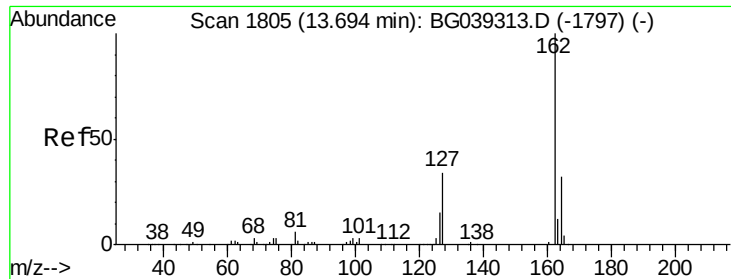
mohammad
2/1/2019 12:05:28 AM



#46
1,1'-Biphenyl
Concen: 37.190 ng
RT: 13.64 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	13.4	0.0	32.4





#47

2-Chloronaphthalene

Concen: 37.430 ng

RT: 13.69 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

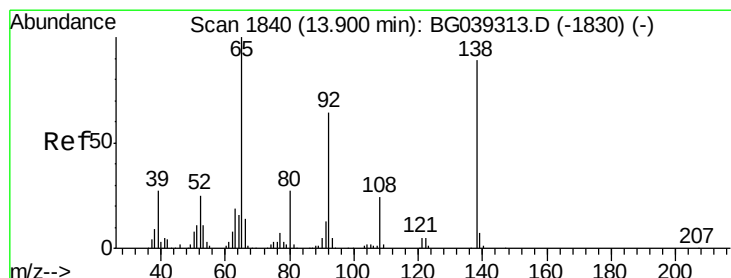
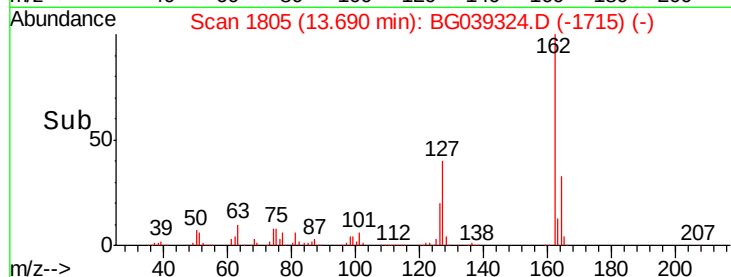
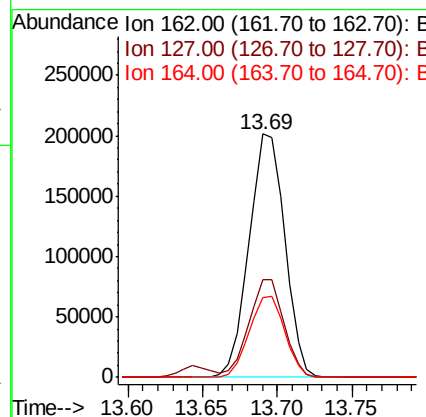
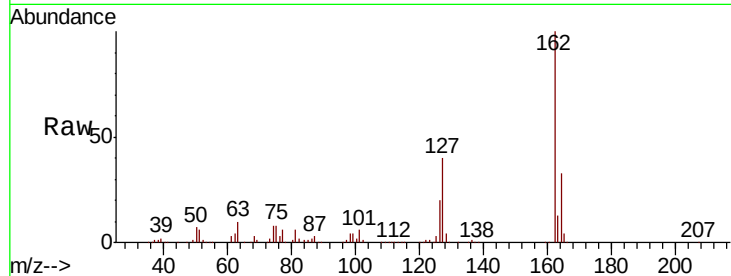
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	333353
Ion Ratio	Lower	Upper	
162	100		
127	40.3	31.0	46.6
164	32.8	25.7	38.5

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM



#48

2-Nitroaniline

Concen: 41.880 ng

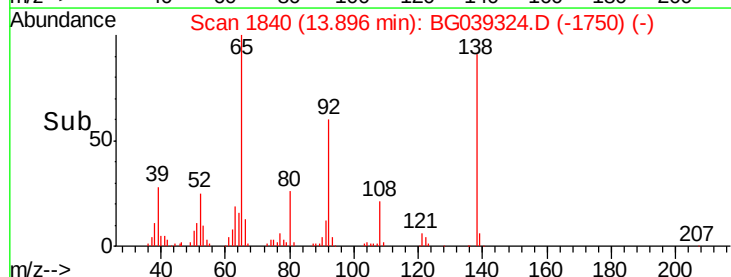
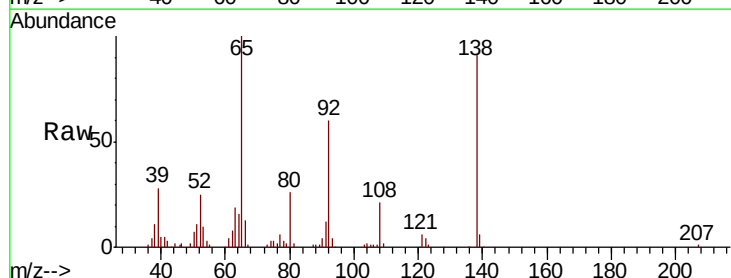
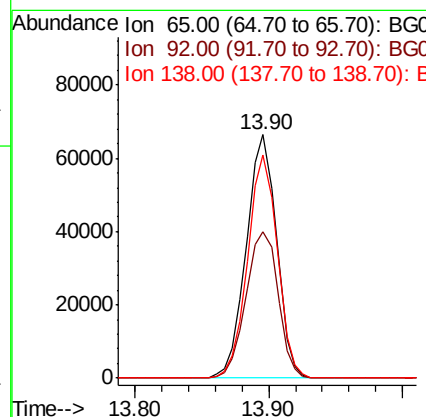
RT: 13.90 min Scan# 1840

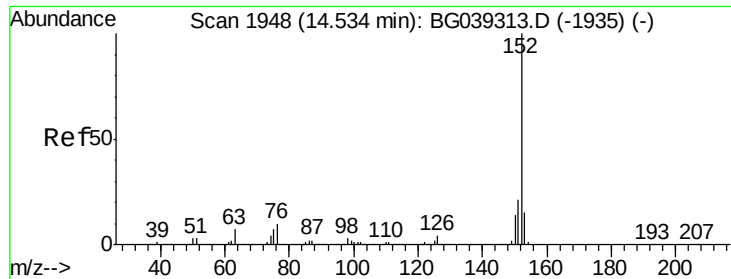
Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Tgt Ion:	65	Resp:	103872
Ion Ratio	Lower	Upper	
65	100		
92	59.9	51.4	77.2
138	91.5	71.4	107.2





#49

Acenaphthylene

Concen: 38.000 ng

RT: 14.54 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

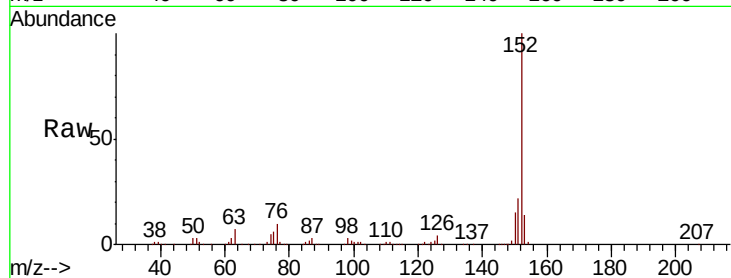
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	510655
Ion Ratio	Lower	Upper	
152	100		
151	22.4	16.8	25.2
153	14.0	11.7	17.5

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM

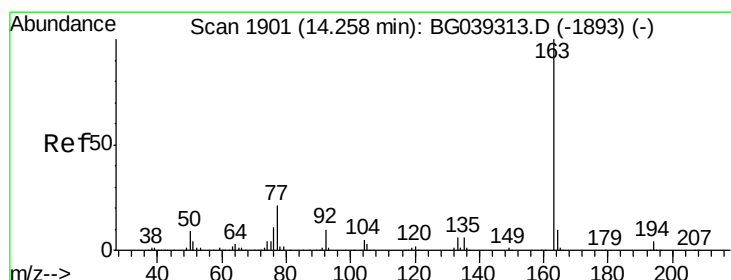
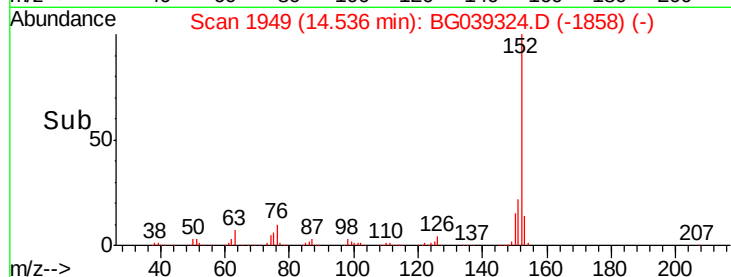
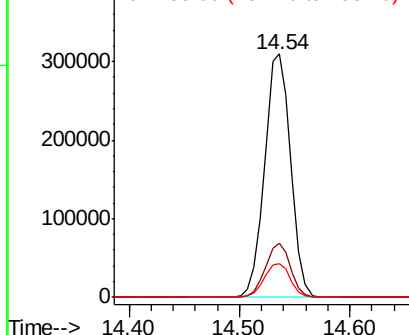


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.841 ng

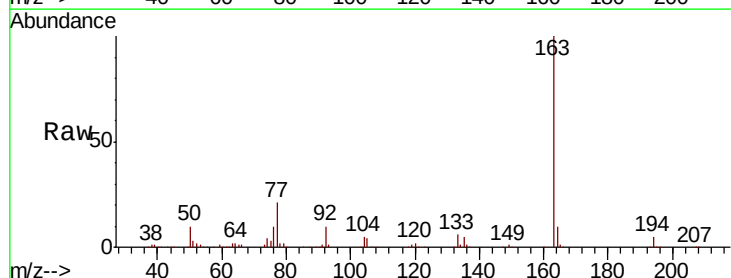
RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Tgt Ion:	163	Resp:	434855
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.5	8.4	12.6

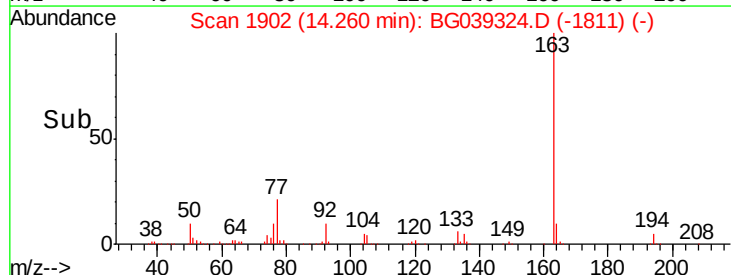
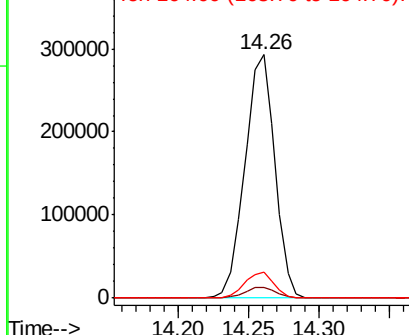


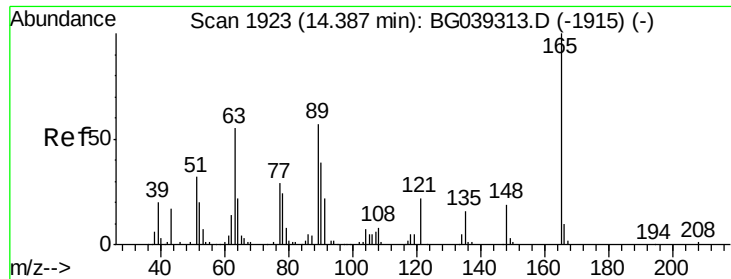
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





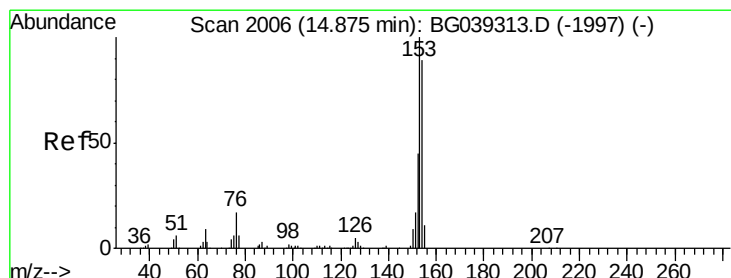
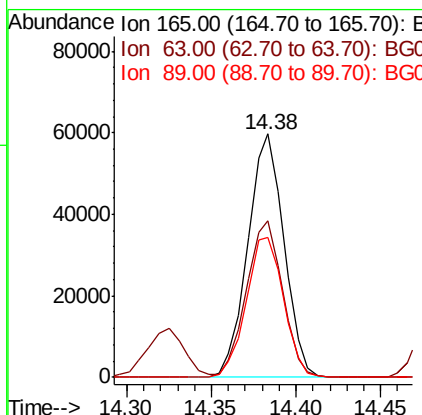
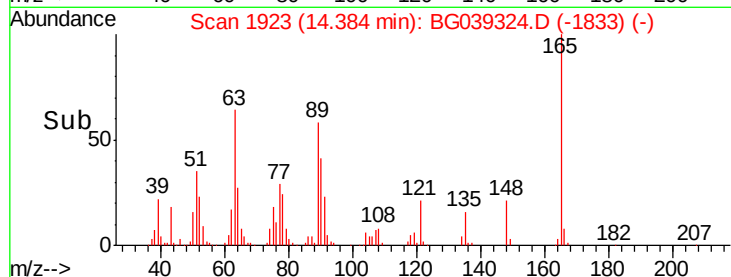
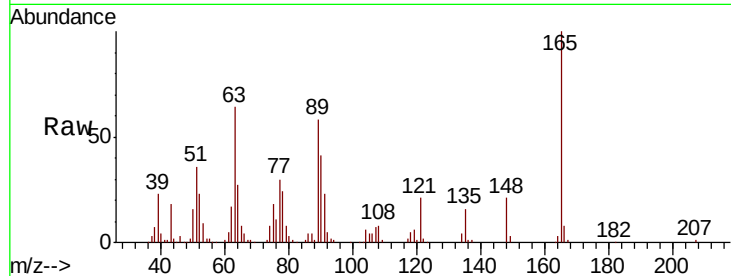
#51
 2,6-Dinitrotoluene
 Concen: 42.352 ng
 RT: 14.38 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BG039324.D
 Acq: 30 Jan 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:	165	Resp:	89042
Ion Ratio	Lower	Upper	
165	100		
63	64.4	47.0	70.6
89	57.6	45.8	68.8

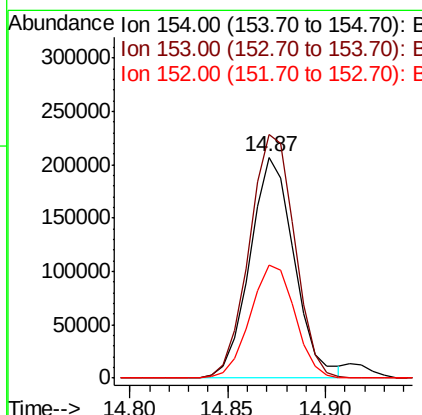
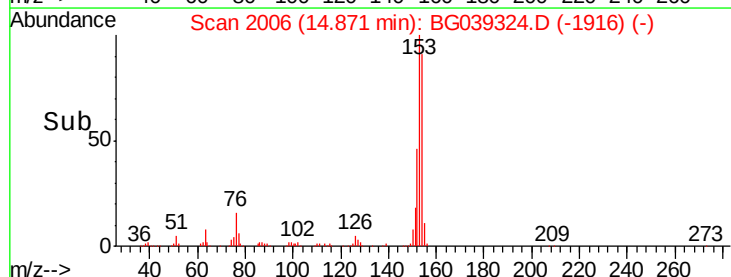
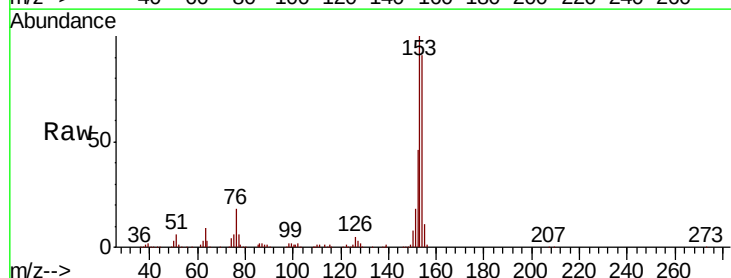
Manual Integrations
 APPROVED

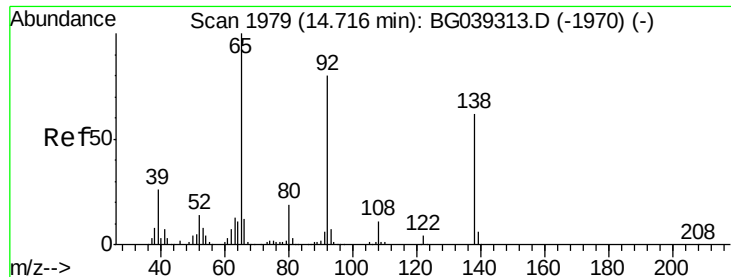
mohammad
 2/1/2019 12:05:28 AM



#52
 Acenaphthene
 Concen: 37.422 ng
 RT: 14.87 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BG039324.D
 Acq: 30 Jan 2019 12:35

Tgt Ion:	154	Resp:	326438
Ion Ratio	Lower	Upper	
154	100		
153	110.2	90.1	135.1
152	50.9	40.9	61.3





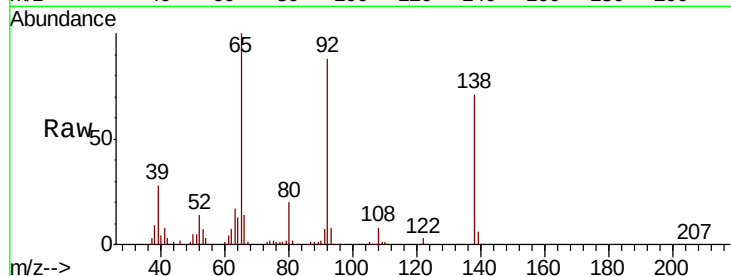
#53
3-Nitroaniline
Concen: 42.095 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

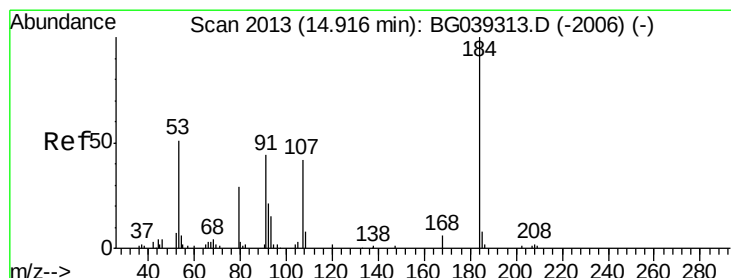
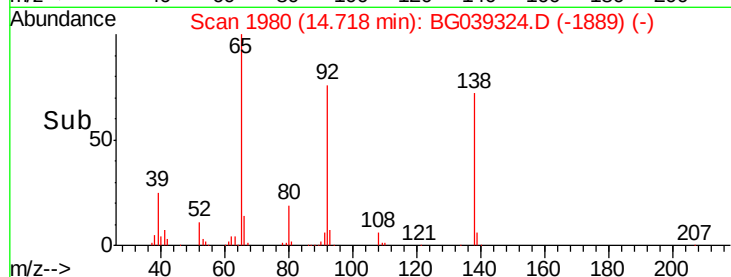
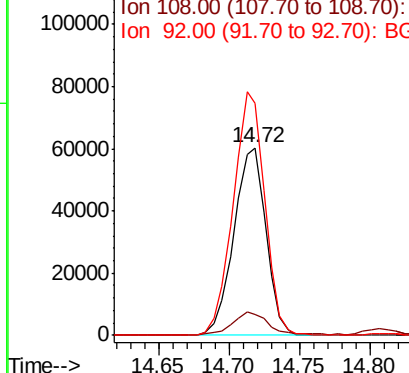
Tot Ion:138 Resp: 95675
Ion Ratio Lower Upper
138 100
108 11.0 13.8 20.8#
92 123.3 103.7 155.5

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM

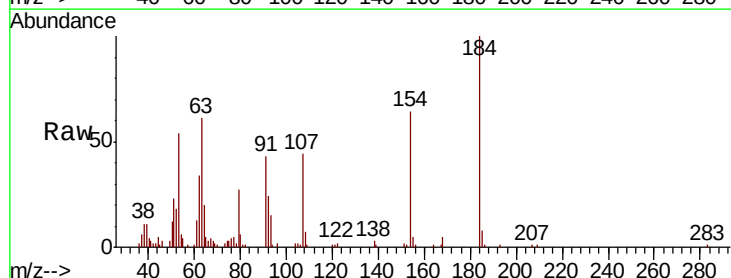


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

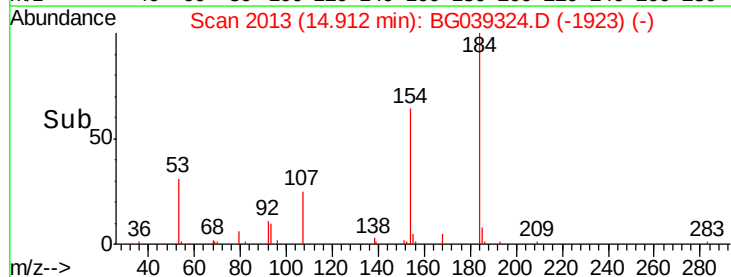
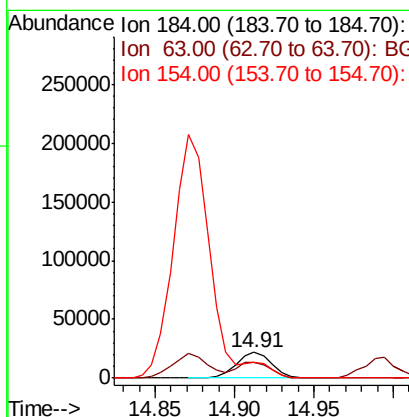


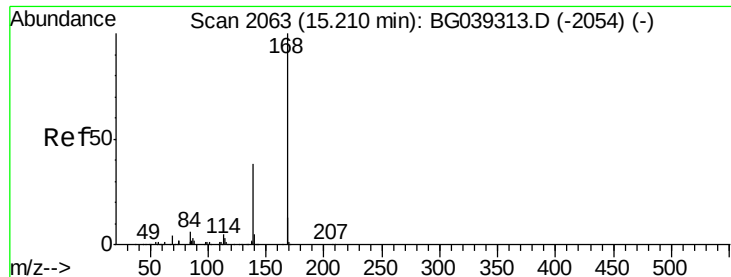
#54
2,4-Dinitrophenol
Concen: 45.389 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion:184 Resp: 33792
Ion Ratio Lower Upper
184 100
63 61.4 50.9 76.3
154 63.6 53.0 79.6



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





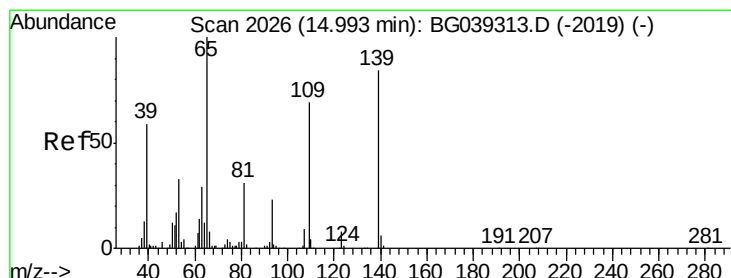
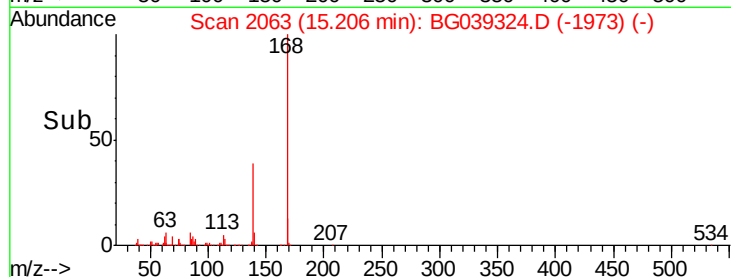
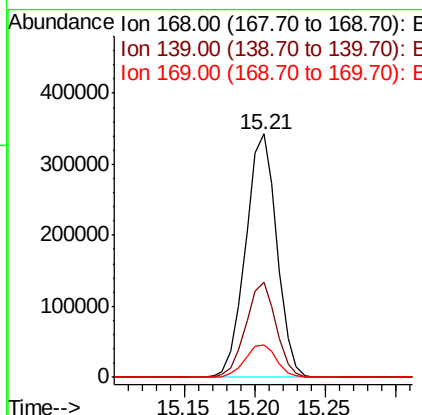
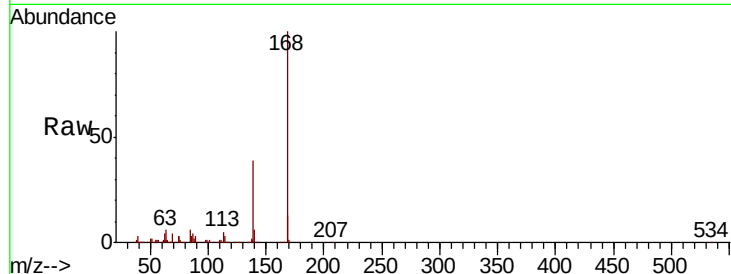
#55
Dibenzenofuran
Concen: 37.951 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.1	45.1
169	13.4	10.6	16.0

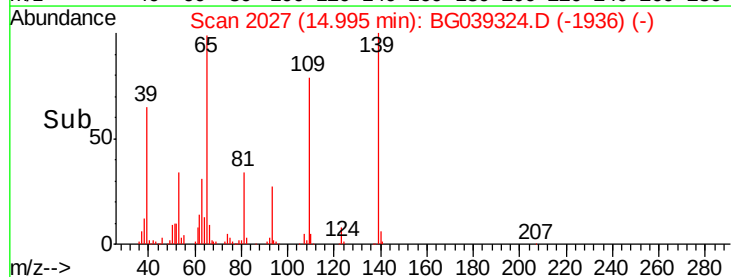
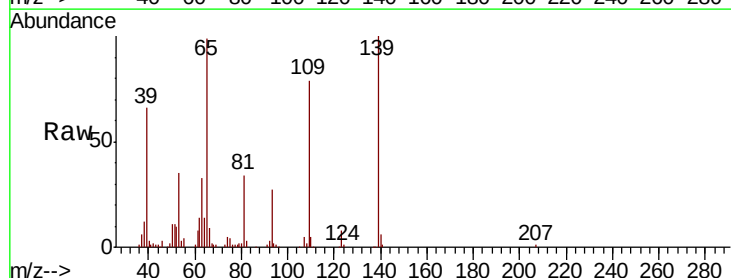
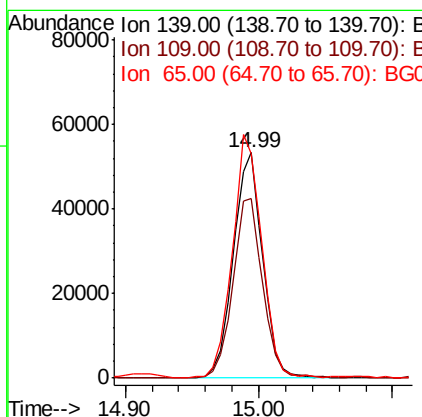
Manual Integrations
APPROVED

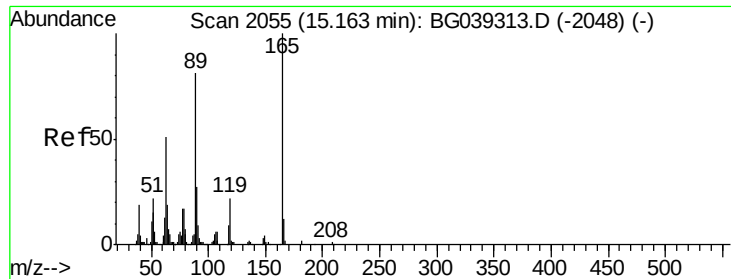
mohammad
2/1/2019 12:05:28 AM



#56
4-Nitrophenol
Concen: 41.978 ng
RT: 14.99 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.5	61.9	101.9
65	99.3	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 43.139 ng

RT: 15.16 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 116076

Ion Ratio Lower Upper

165 100

63 47.7 41.0 61.6

89 73.9 64.6 96.8

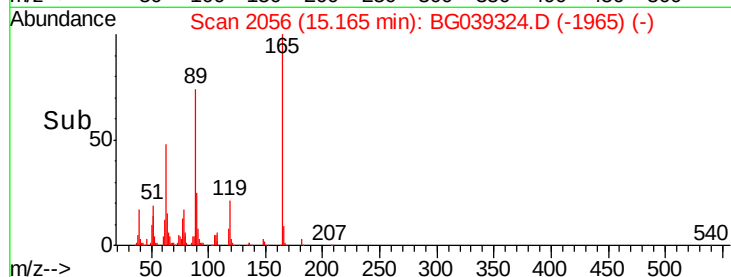
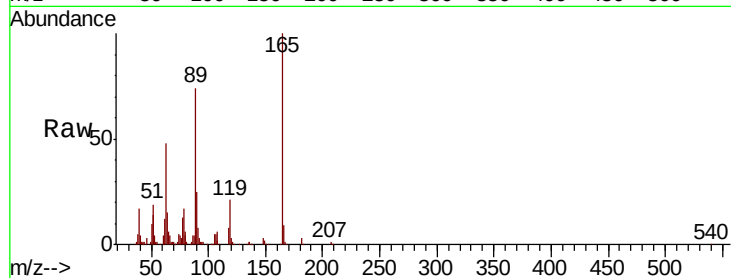
182 2.9 2.0 3.0

Manual Integrations

APPROVED

mohammad

2/1/2019 12:05:28 AM

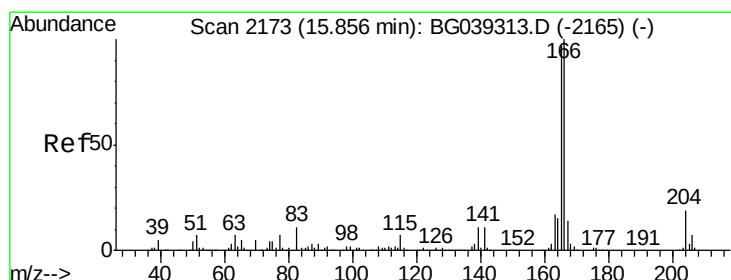
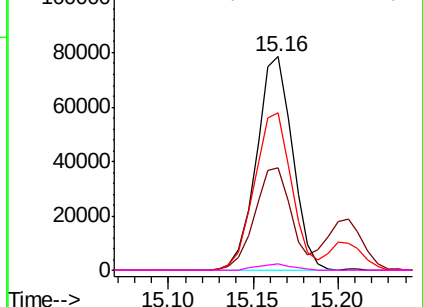


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.778 ng

RT: 15.85 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

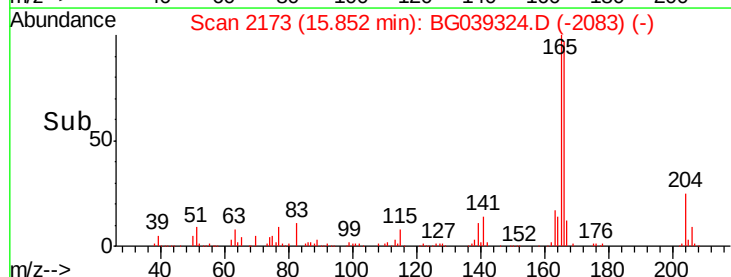
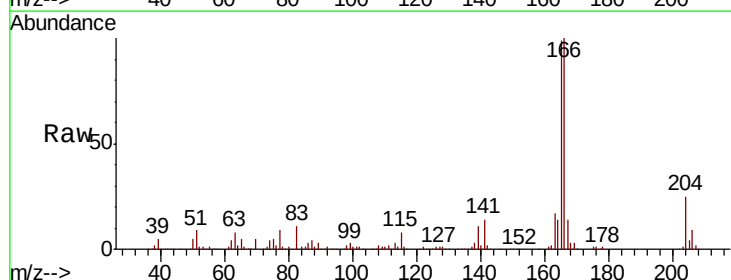
Tgt Ion:166 Resp: 393878

Ion Ratio Lower Upper

166 100

165 99.1 77.9 116.9

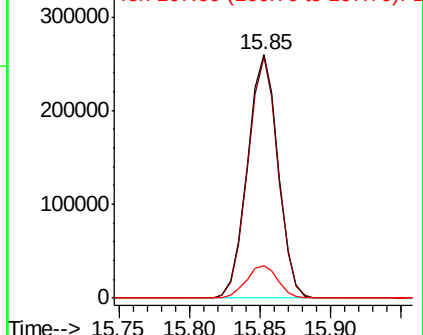
167 13.5 10.8 16.2

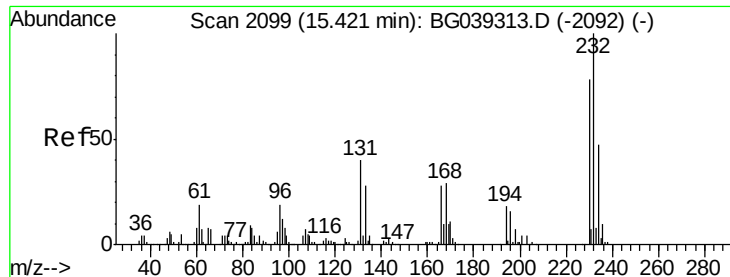


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





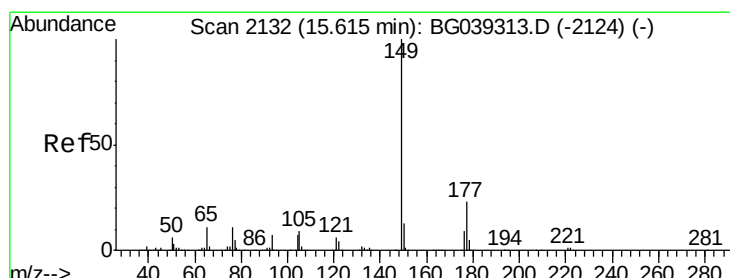
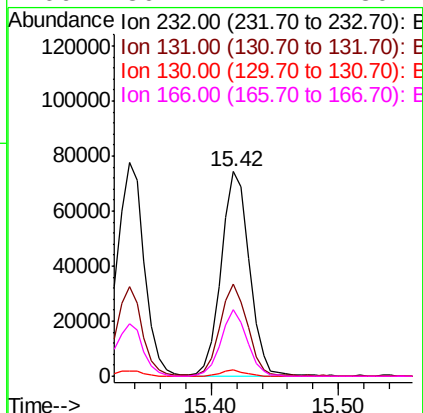
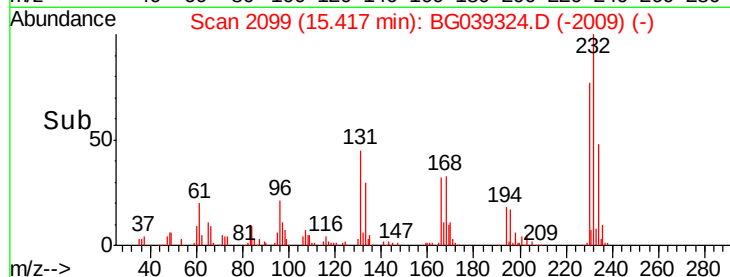
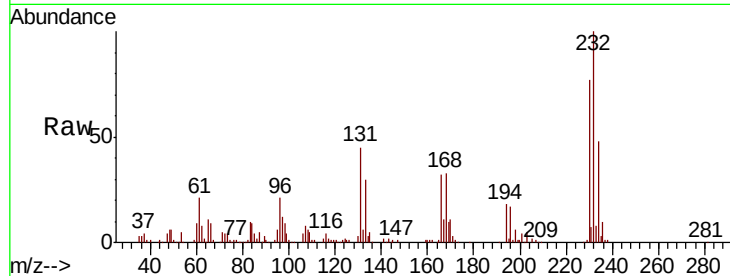
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.060 ng
RT: 15.42 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	34.9	52.3
130	2.6	2.0	3.0
166	30.2	24.1	36.1

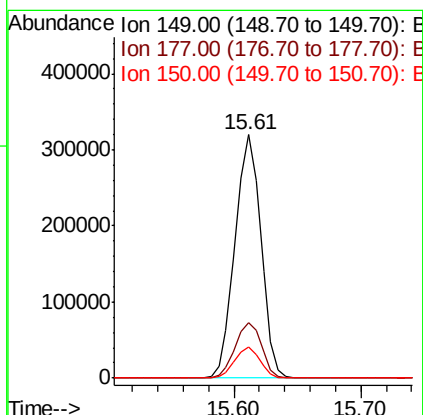
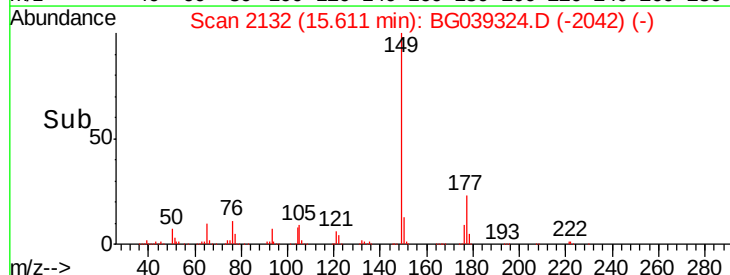
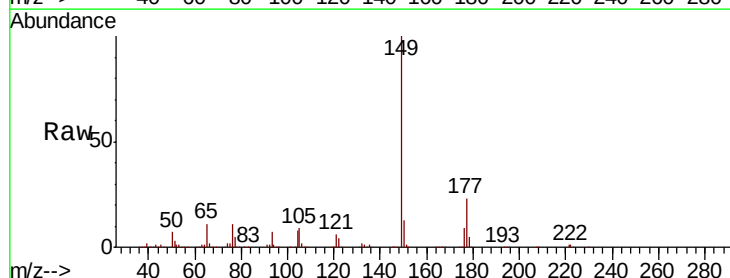
Manual Integrations
APPROVED

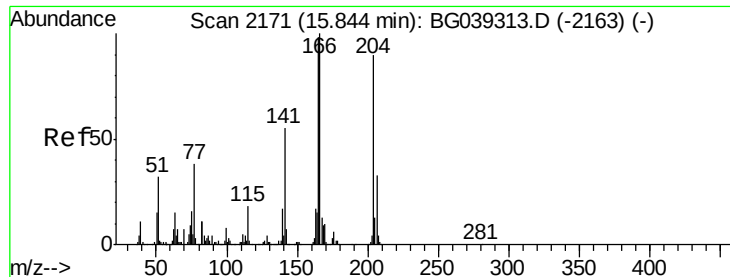
mohammad
2/1/2019 12:05:28 AM



#60
Diethylphthalate
Concen: 37.955 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.3	27.5
150	12.7	10.2	15.2





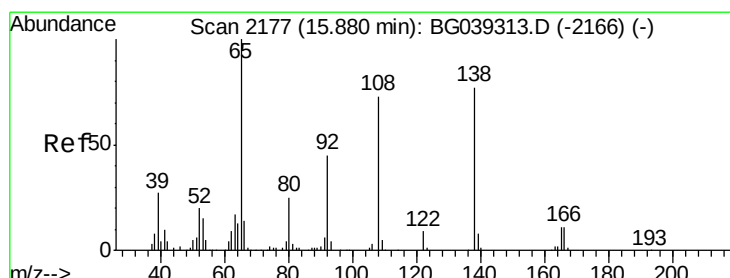
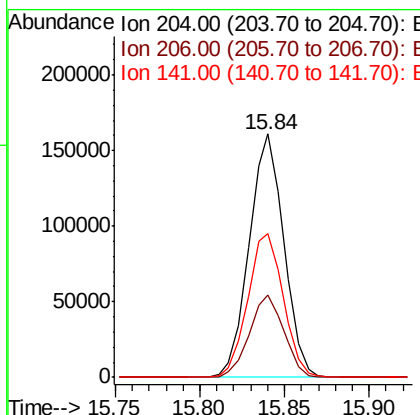
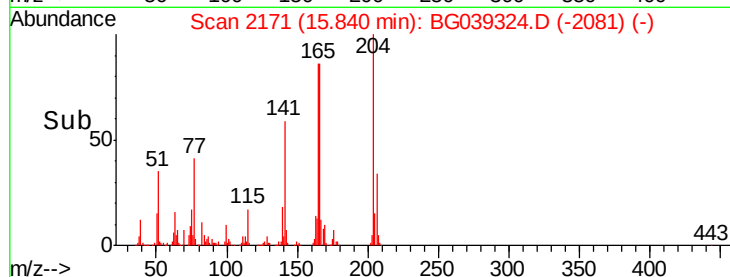
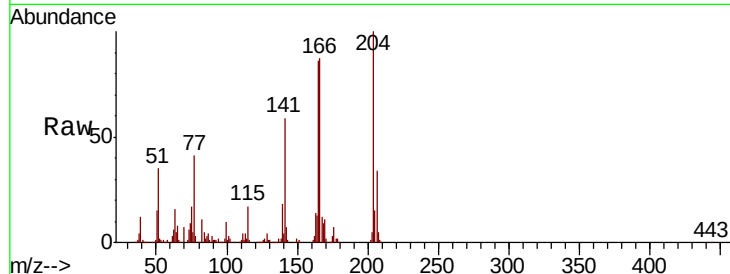
#61
4-Chlorophenyl-phenylether
Concen: 38.669 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	29.2	43.8
141	59.2	49.0	73.4

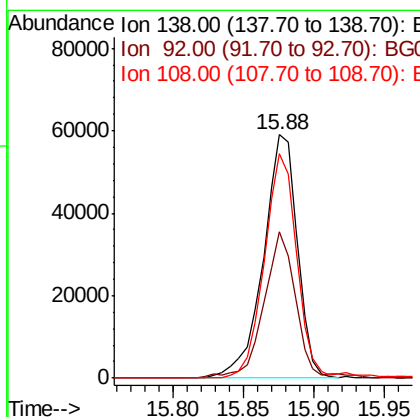
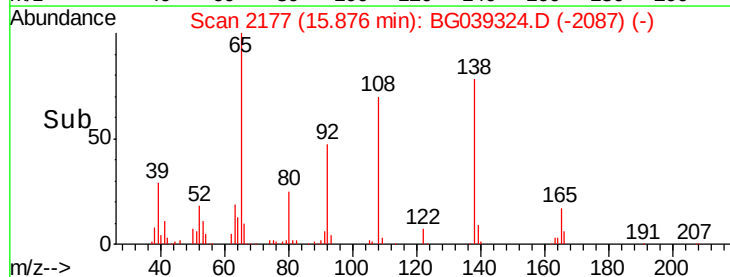
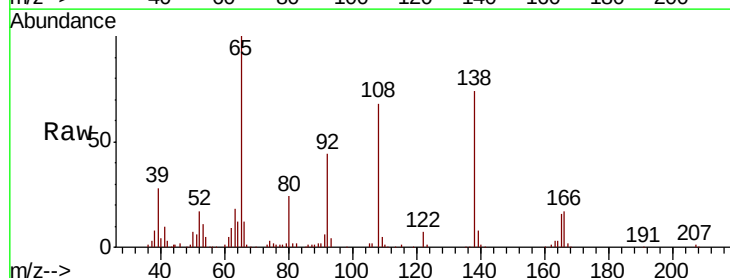
Manual Integrations
APPROVED

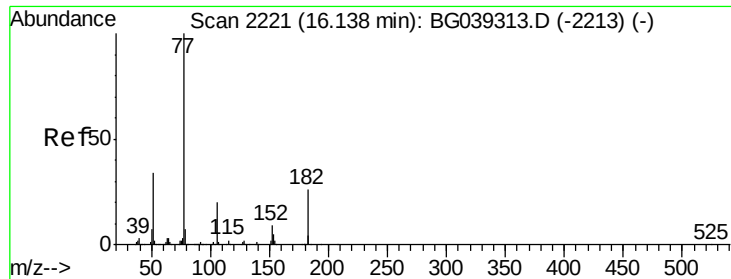
mohammad
2/1/2019 12:05:28 AM



#62
4-Nitroaniline
Concen: 44.278 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.0	38.7	78.7
108	92.2	74.6	114.6





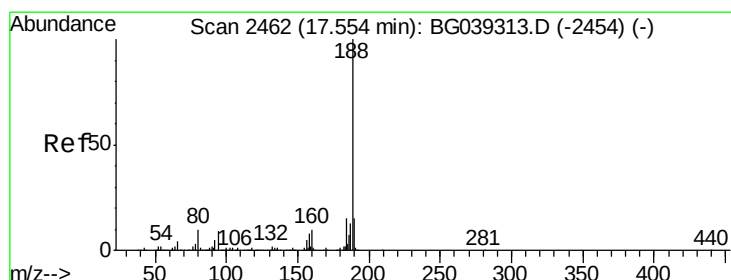
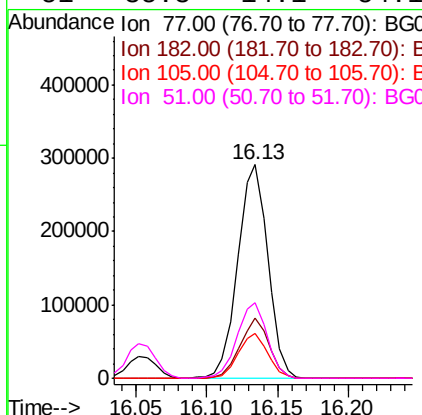
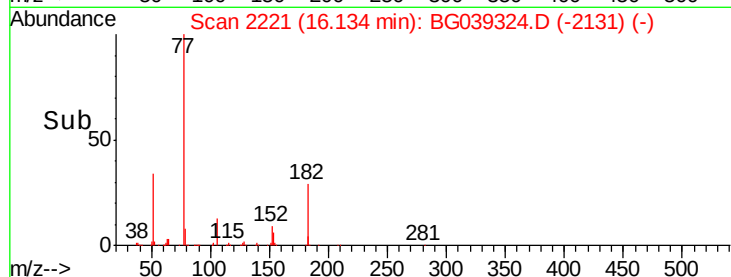
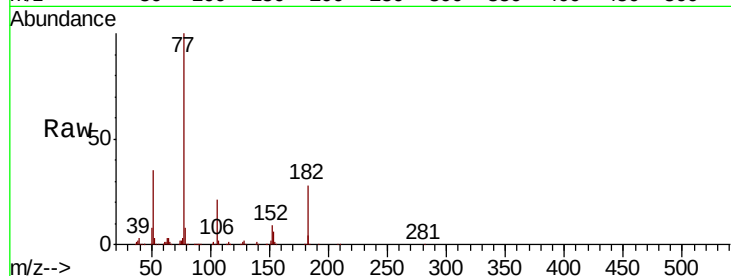
#63
Azobenzene
Concen: 37.317 ng
RT: 16.13 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	6.4	46.4
105	20.7	0.0	39.8
51	35.3	14.1	54.1

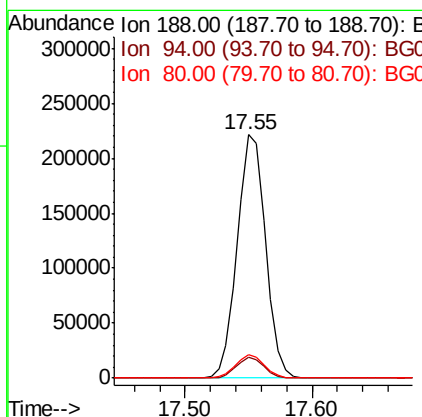
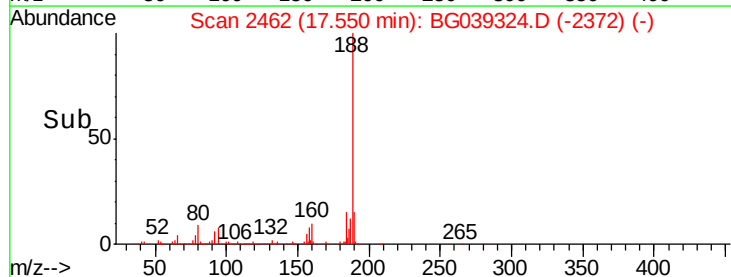
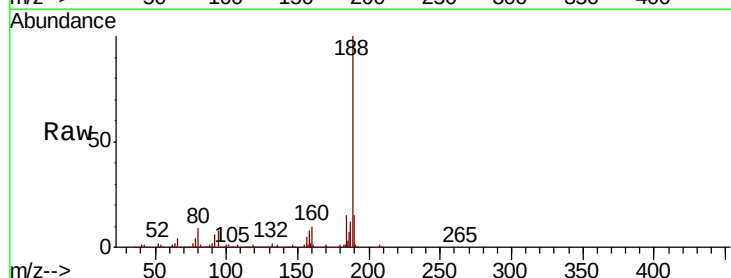
Manual Integrations
APPROVED

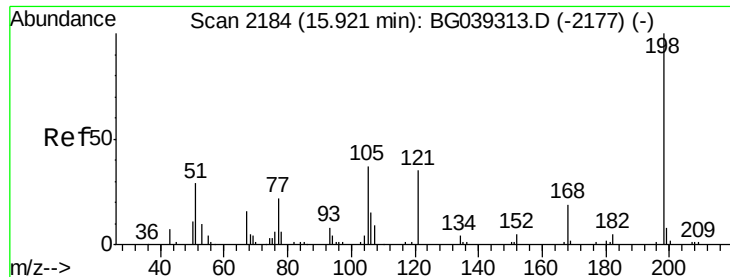
mohammad
2/1/2019 12:05:28 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.4	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.685 ng

RT: 15.92 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

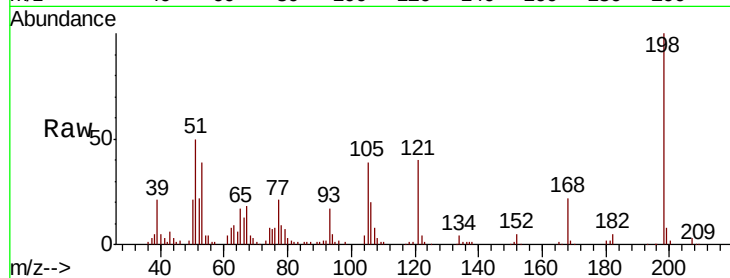
ClientSampleId :

SSTDCCC040

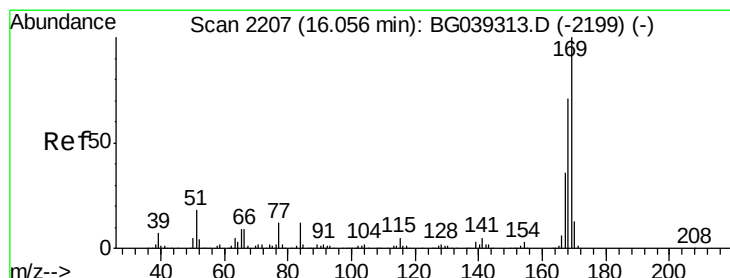
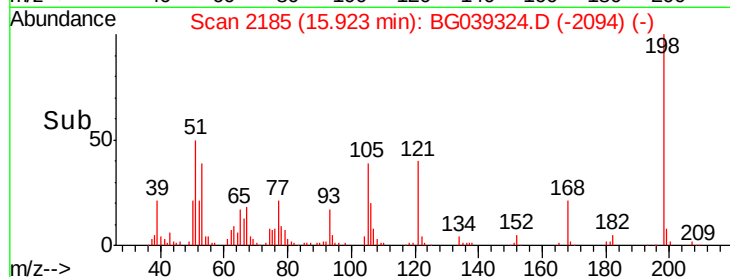
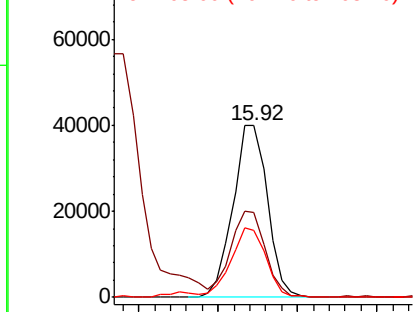
Tot Ion:	198	Resp:	60190
Ion Ratio	Lower	Upper	
198	100		
51	49.7	27.4	67.4
105	39.4	19.7	59.7

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 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: 37.136 ng

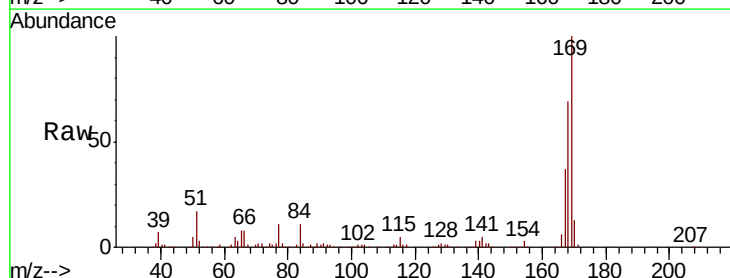
RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

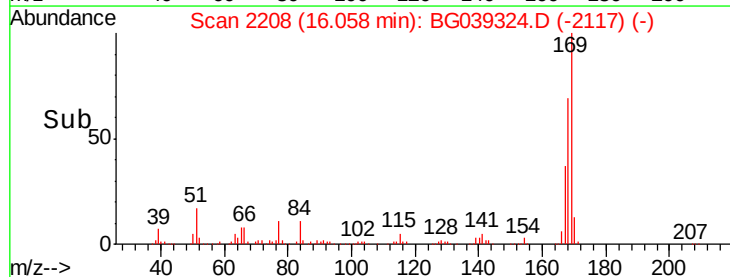
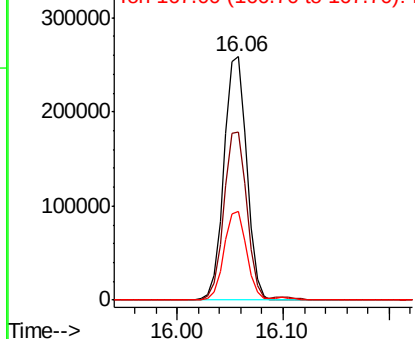
Lab File: BG039324.D

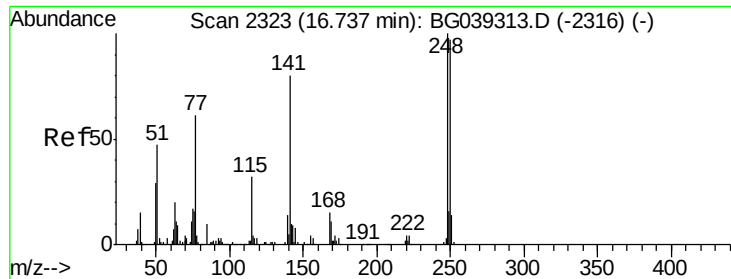
Acq: 30 Jan 2019 12:35

Tgt Ion:	169	Resp:	385312
Ion Ratio	Lower	Upper	
169	100		
168	69.2	56.6	85.0
167	36.6	28.8	43.2



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





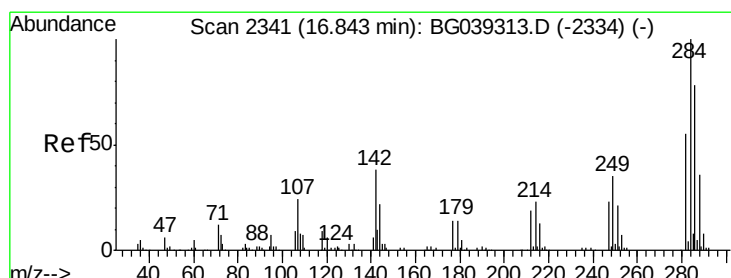
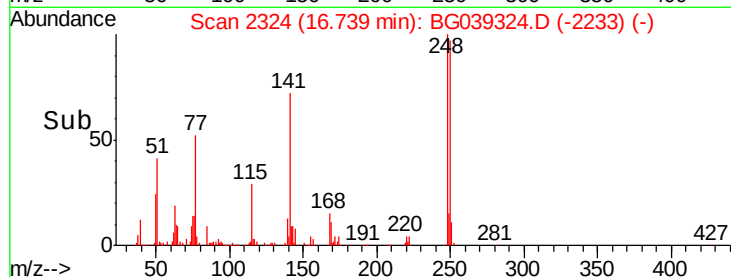
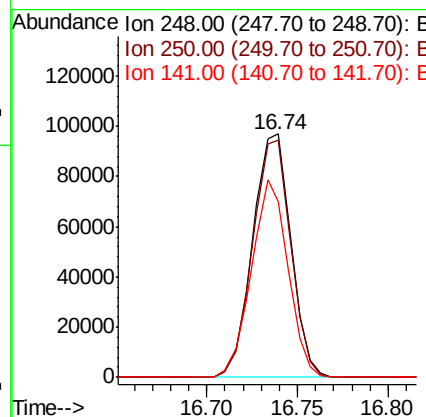
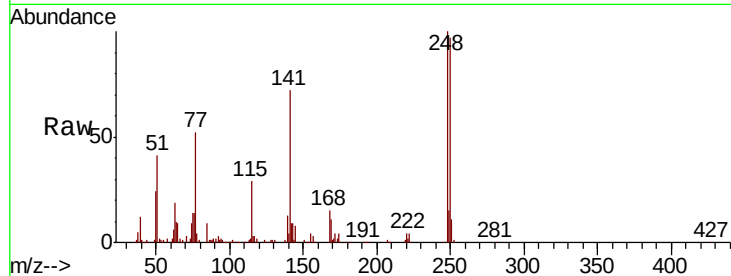
#67
4-Bromophenyl-phenylether
Concen: 37.482 ng
RT: 16.74 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.6	116.4
141	72.1	63.9	95.9

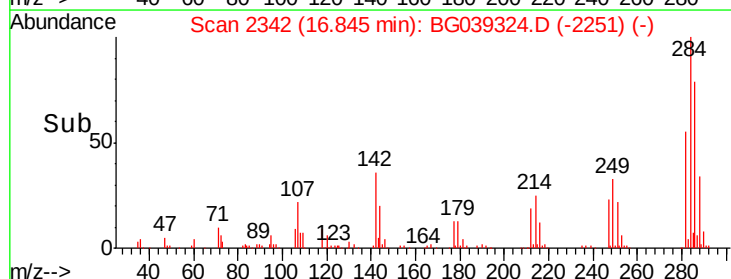
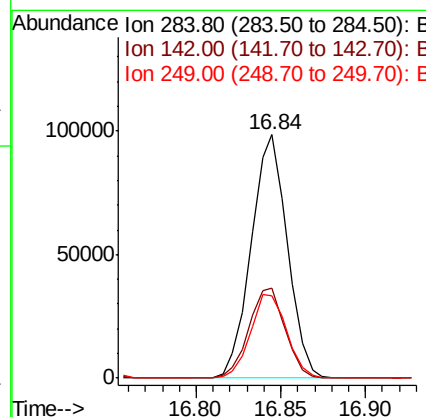
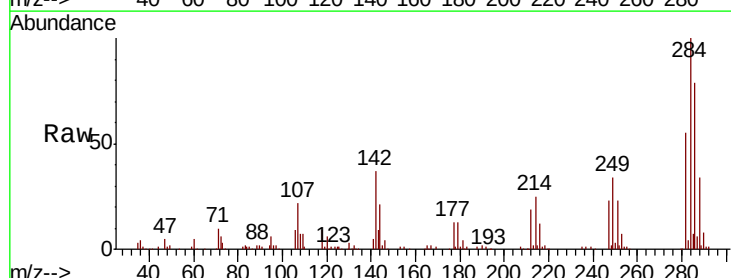
Manual Integrations
APPROVED

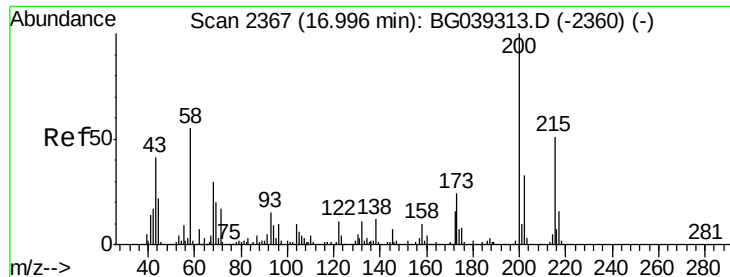
mohammad
2/1/2019 12:05:28 AM



#68
Hexachlorobenzene
Concen: 38.481 ng
RT: 16.84 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.0	30.6	45.8
249	33.6	28.2	42.2





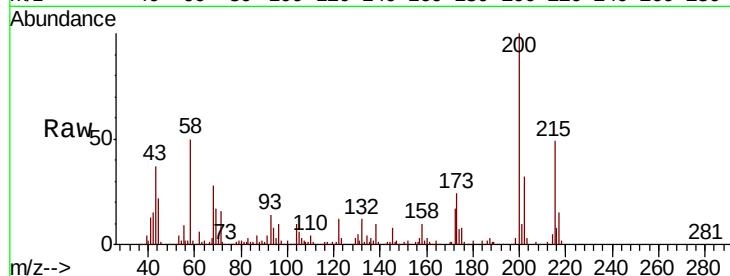
#69
Atrazine
Concen: 38.229 ng
RT: 17.00 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	3.9	43.9
215	49.4	30.9	70.9

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM

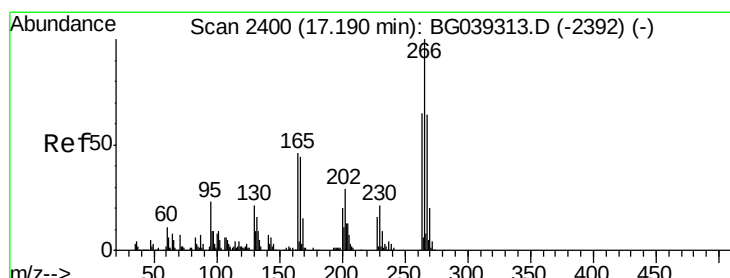
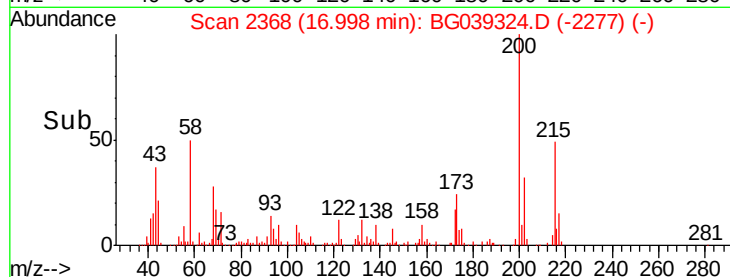
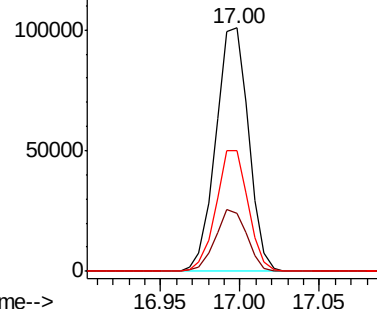


Abundance

Ion 200.00 (199.70 to 200.70): E

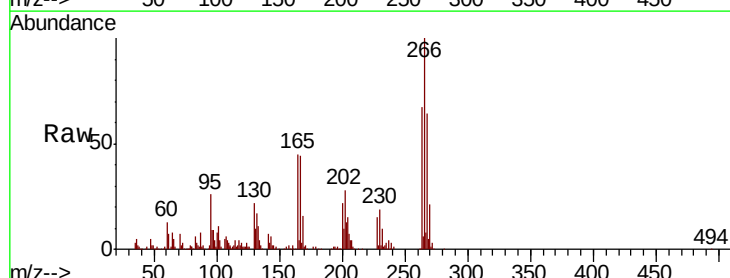
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 40.662 ng
RT: 17.19 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	66.8	52.1	78.1

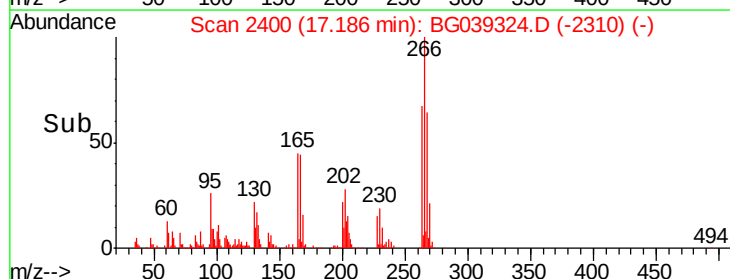
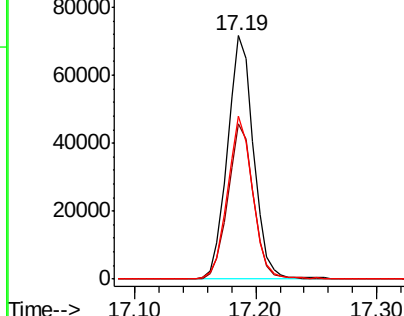


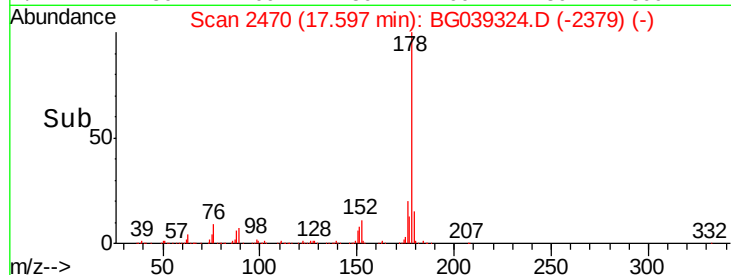
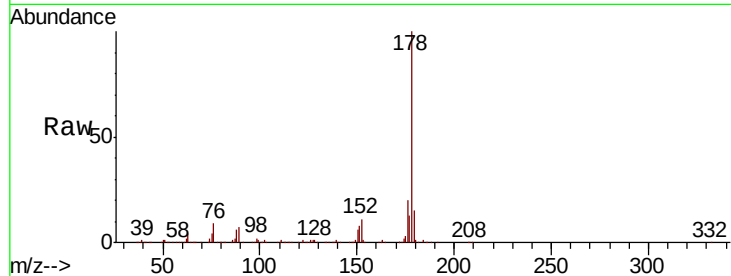
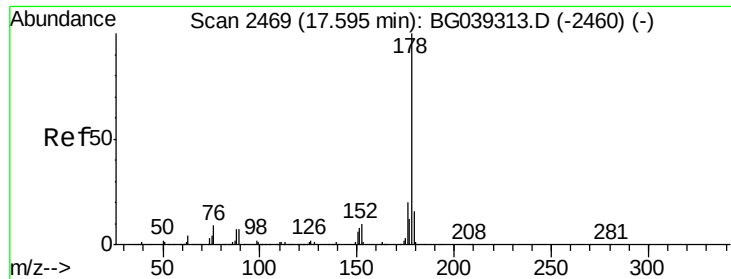
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





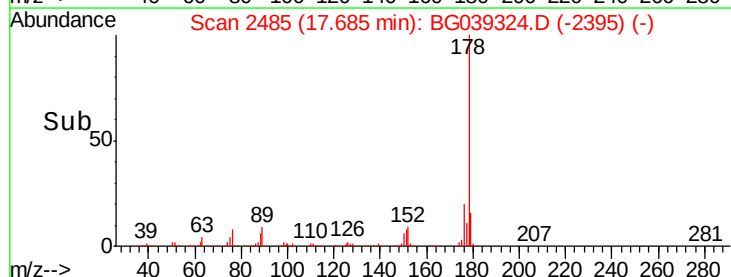
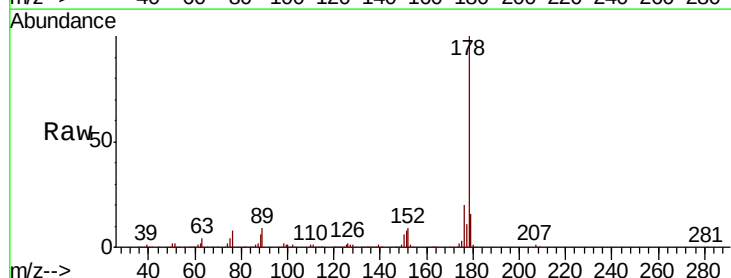
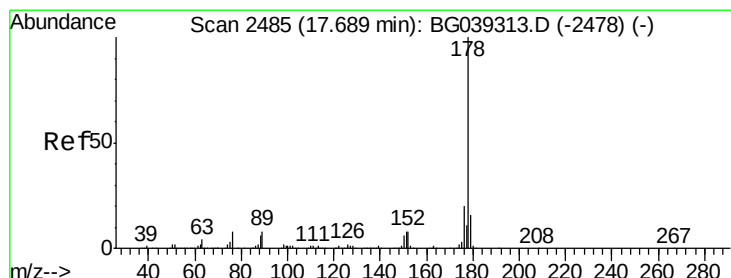
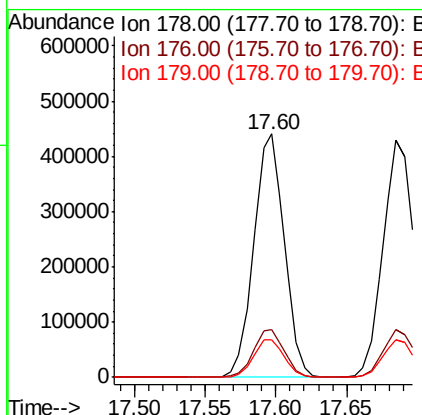
#71
Phenanthrene
Concen: 37.818 ng
RT: 17.60 min Scan# 2470
Delta R.T. 0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.3	12.6	19.0

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

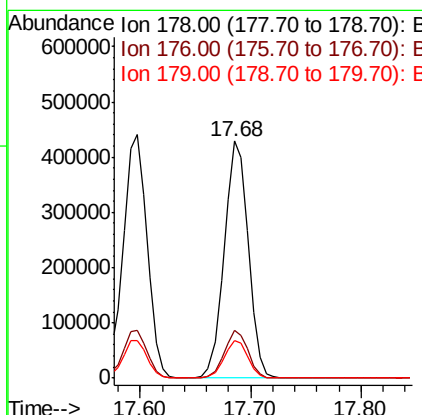
Manual Integrations
APPROVED

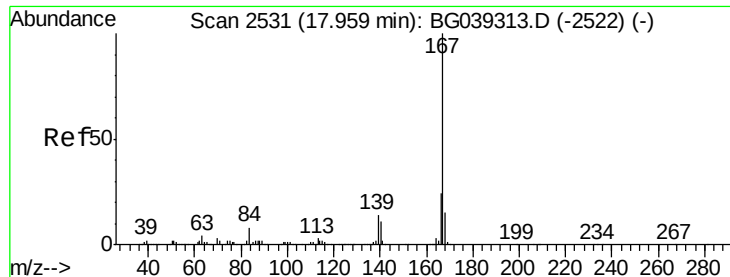
mohammad
2/1/2019 12:05:28 AM



#72
Anthracene
Concen: 37.477 ng
RT: 17.68 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	15.8	12.5	18.7





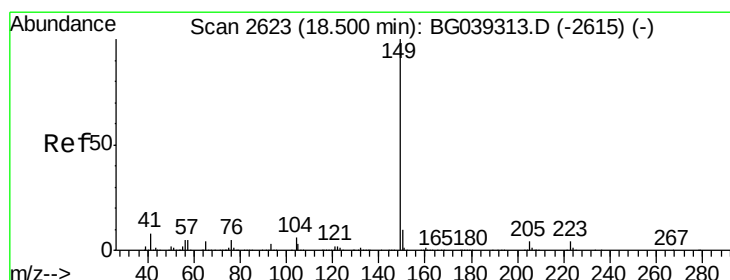
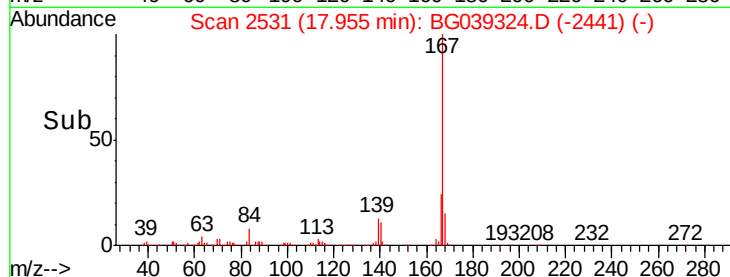
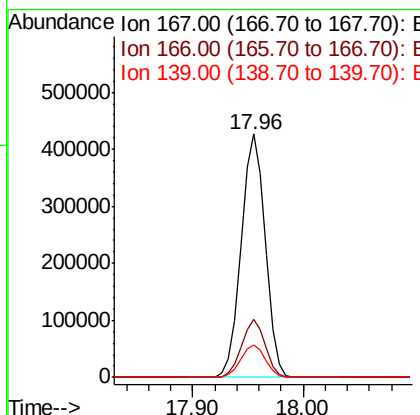
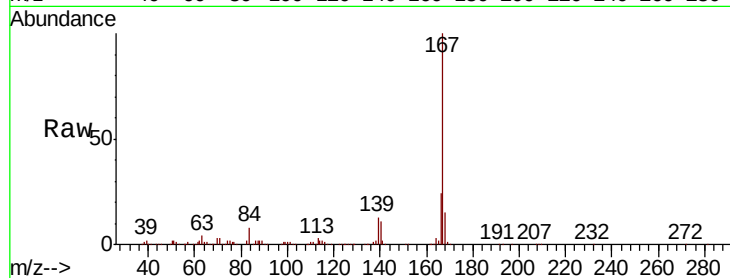
#73
 Carbazole
 Concen: 37.598 ng
 RT: 17.96 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: BG039324.D
 Acq: 30 Jan 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	167	Resp:	652757
Ion Ratio	Lower	Upper	
167	100		
166	23.6	19.4	29.2
139	13.3	10.8	16.2

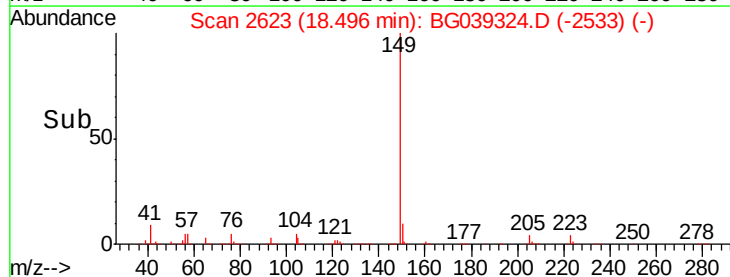
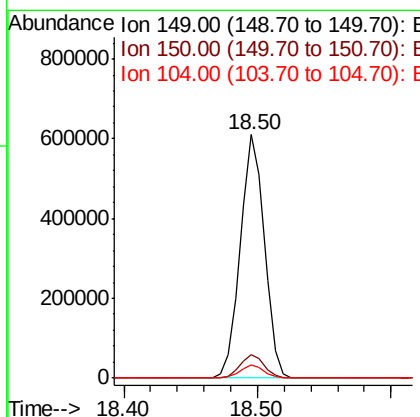
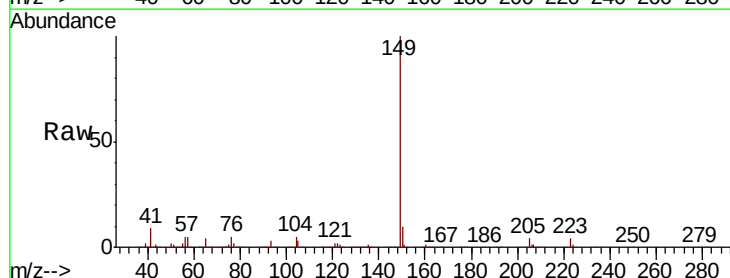
Manual Integrations
 APPROVED

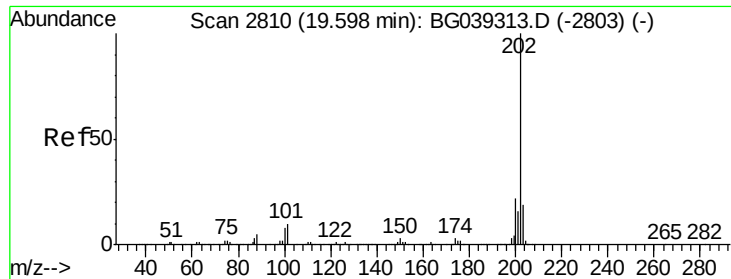
mohammad
 2/1/2019 12:05:28 AM



#74
 Di-n-butylphthalate
 Concen: 37.571 ng
 RT: 18.50 min Scan# 2623
 Delta R.T. -0.00 min
 Lab File: BG039324.D
 Acq: 30 Jan 2019 12:35

Tgt Ion:	149	Resp:	760968
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.7	11.5
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 37.712 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

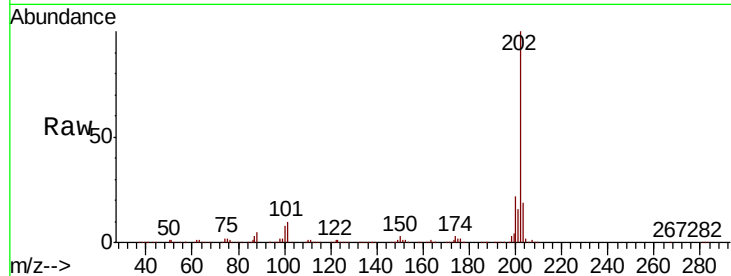
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	0.0	30.0
203	18.5	0.0	38.9

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM

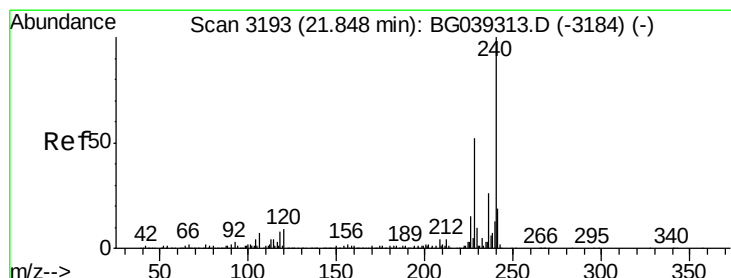
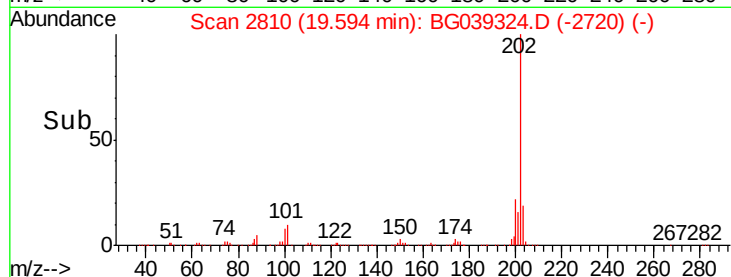
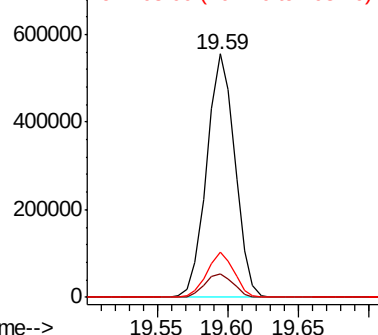


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

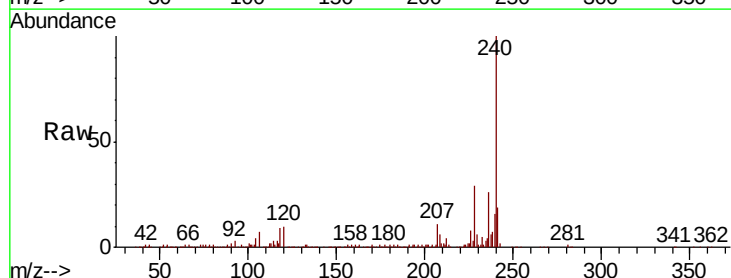
RT: 21.85 min Scan# 3194

Delta R.T. 0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.1	7.0	10.6
236	26.2	21.0	31.4

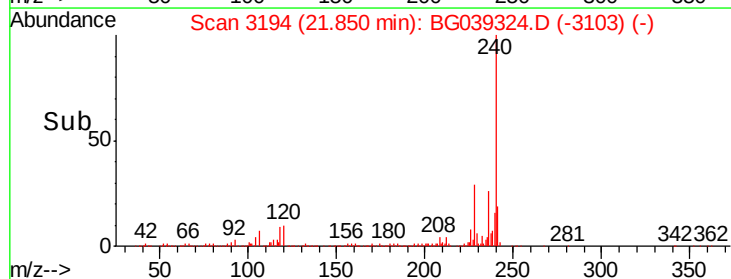
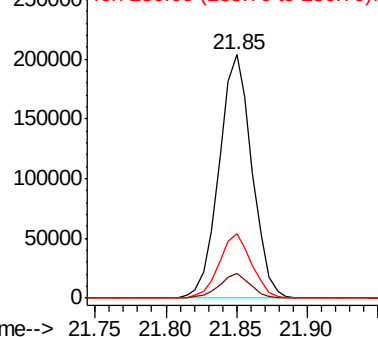


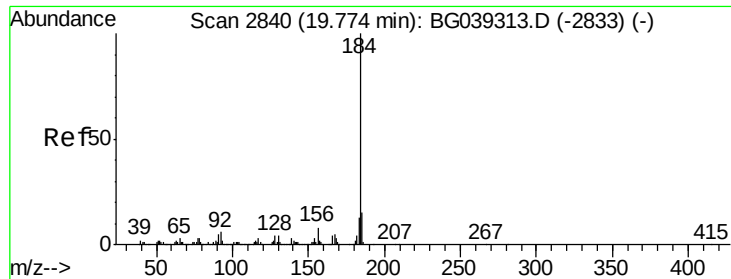
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.506 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

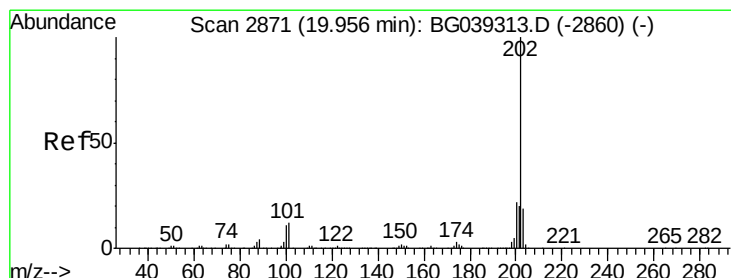
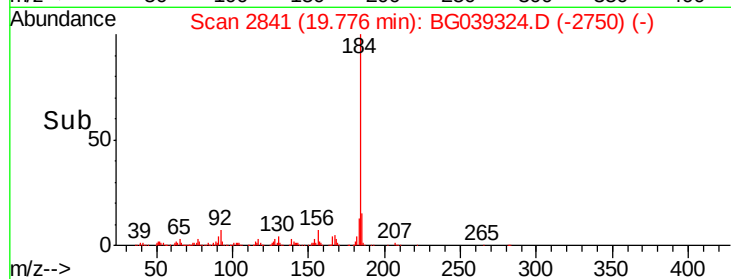
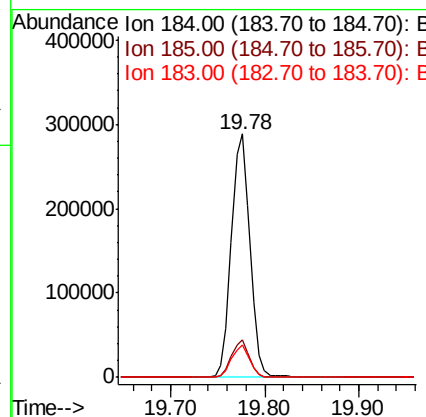
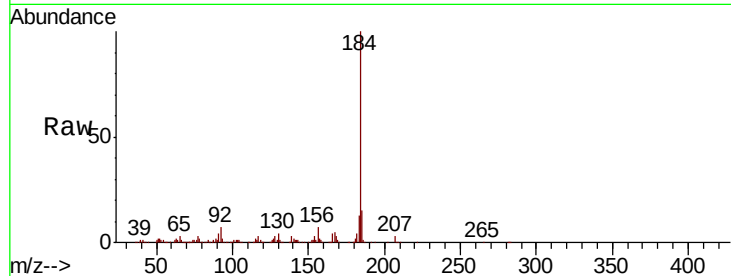
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	398544
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.2
183	13.4	10.6	15.8

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM



#78

Pyrene

Concen: 38.513 ng

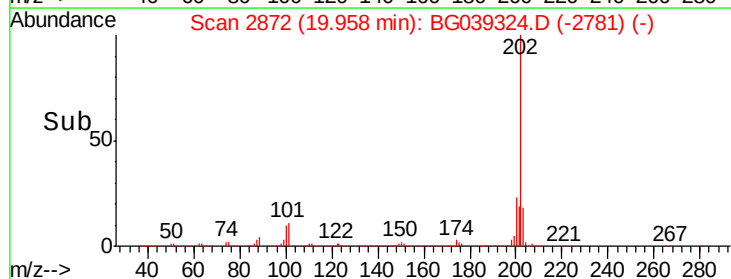
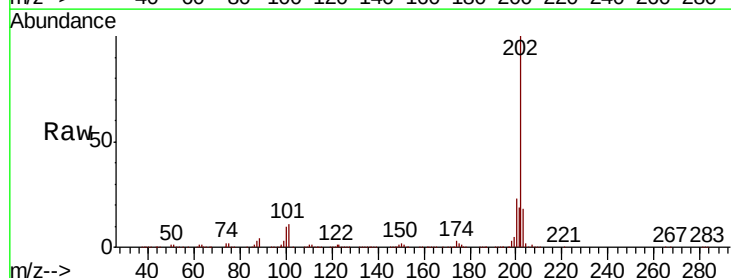
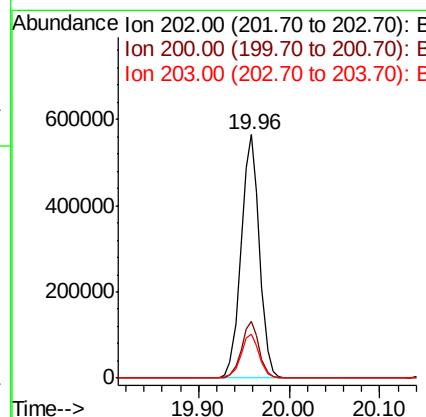
RT: 19.96 min Scan# 2872

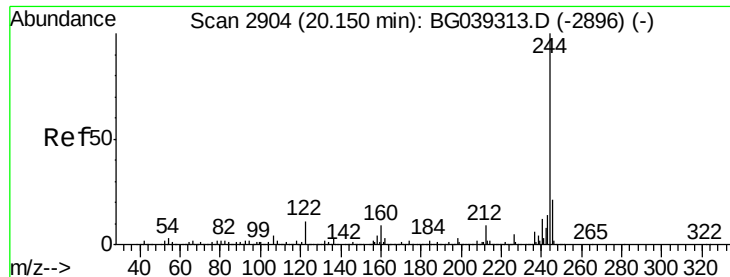
Delta R.T. 0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Tgt Ion:	202	Resp:	798344
Ion Ratio	Lower	Upper	
202	100		
200	23.3	17.8	26.8
203	18.3	15.3	22.9





#79

Terphenyl-d14

Concen: 75.428 ng

RT: 20.15 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

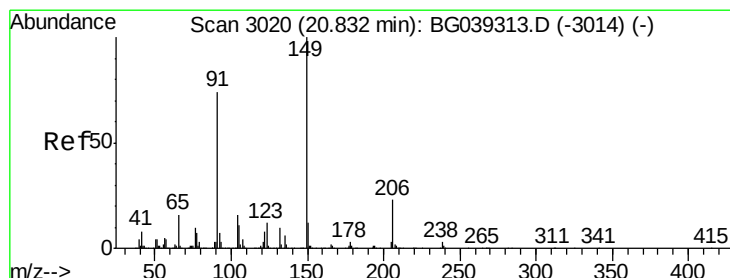
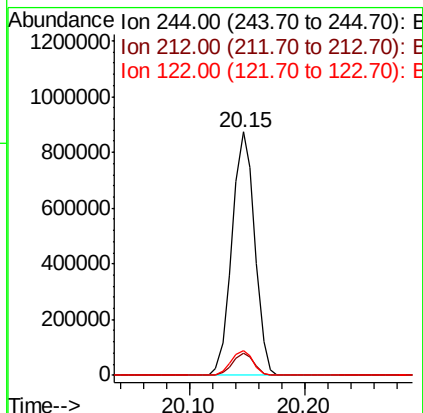
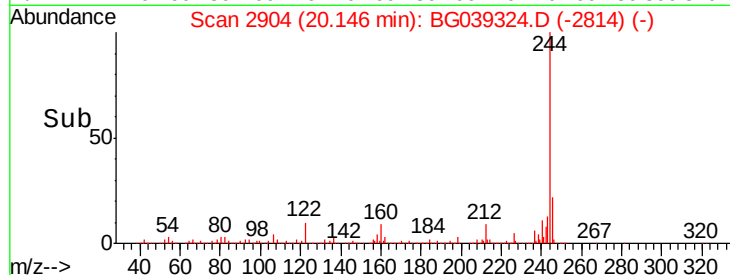
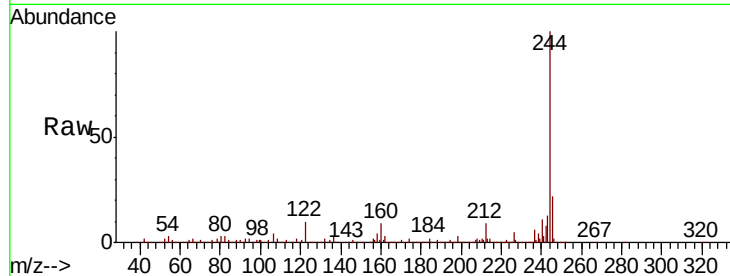
ClientSampleId :

SSTDCCC040

Tot Ion:	244	Resp:	1186590
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.1	8.4	12.6

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM



#80

Butylbenzylphthalate

Concen: 39.194 ng

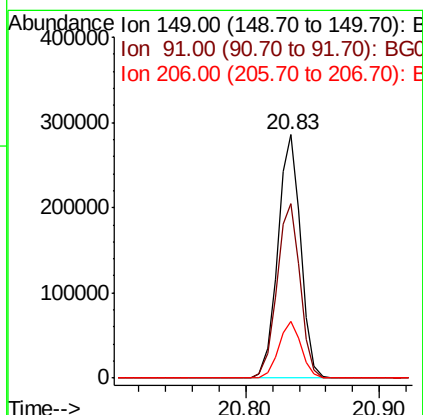
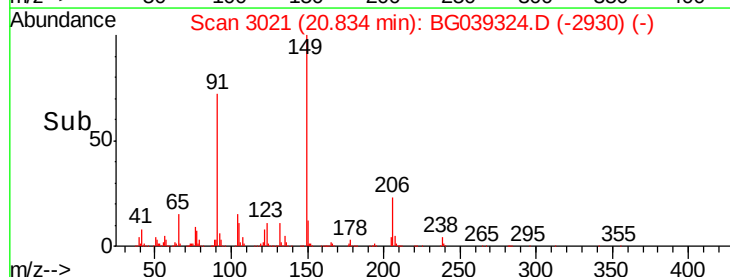
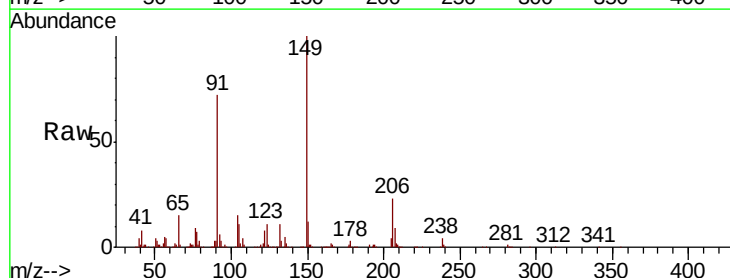
RT: 20.83 min Scan# 3021

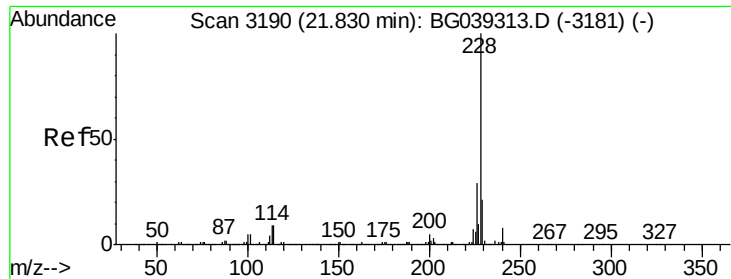
Delta R.T. 0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Tgt Ion:	149	Resp:	342725
Ion	Ratio	Lower	Upper
149	100		
91	71.9	59.5	89.3
206	23.2	18.6	27.8





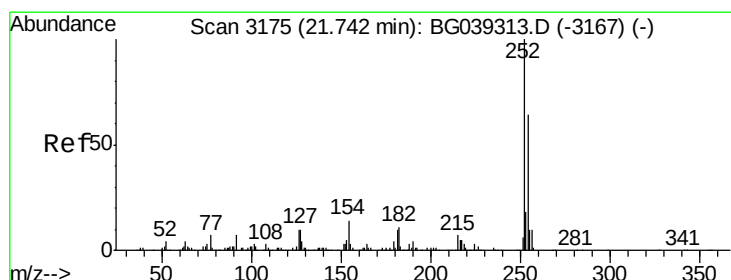
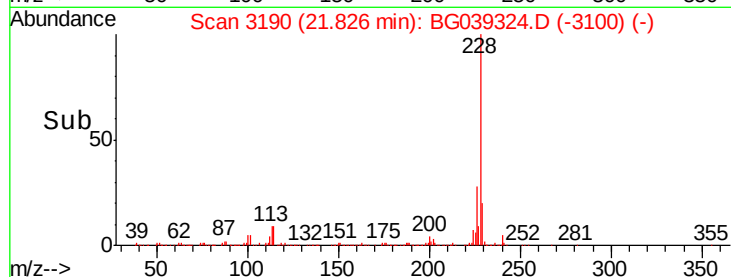
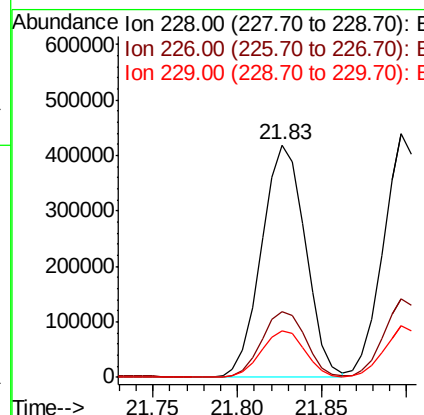
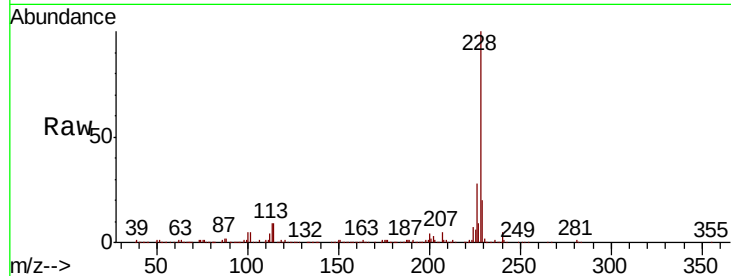
#81
Benzo(a)anthracene
Concen: 38.192 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.6
229	20.2	16.9	25.3

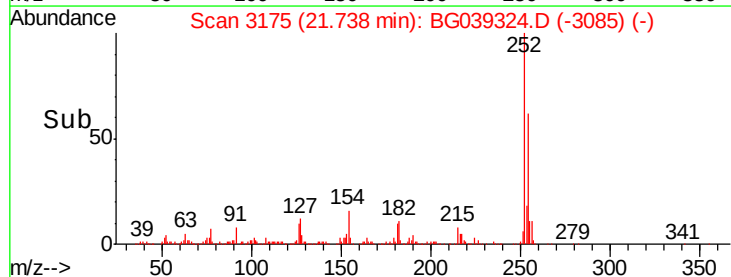
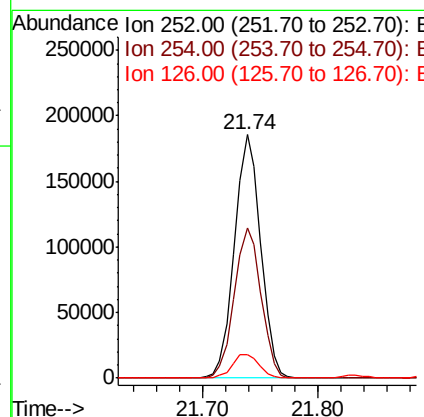
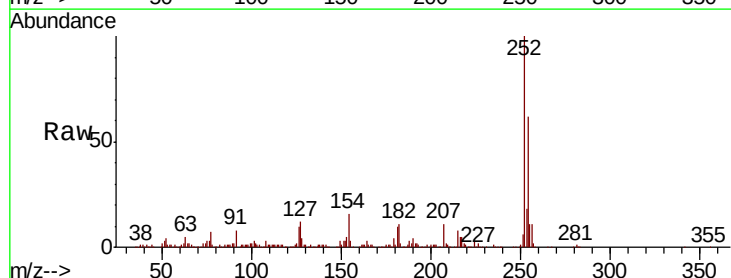
Manual Integrations
APPROVED

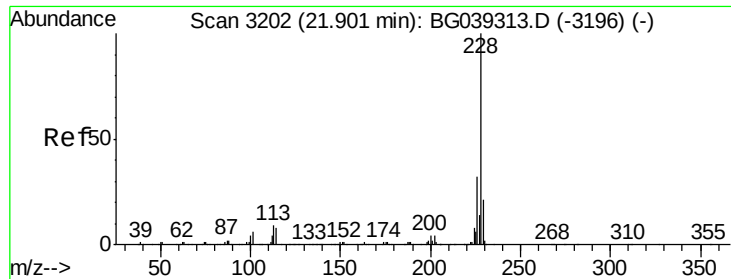
mohammad
2/1/2019 12:05:28 AM



#82
3,3'-Dichlorobenzidine
Concen: 39.883 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.9	51.3	76.9
126	9.5	8.0	12.0





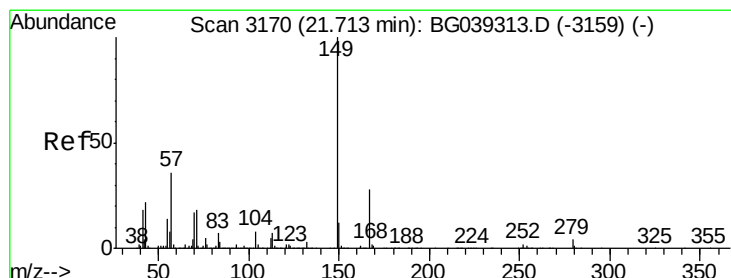
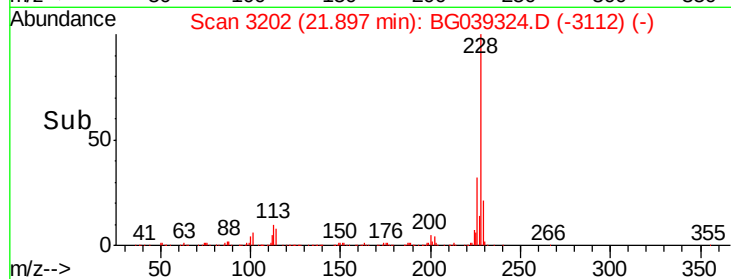
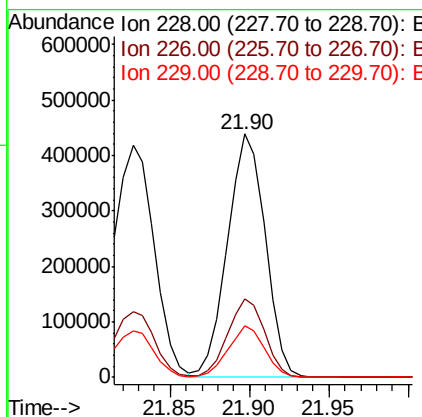
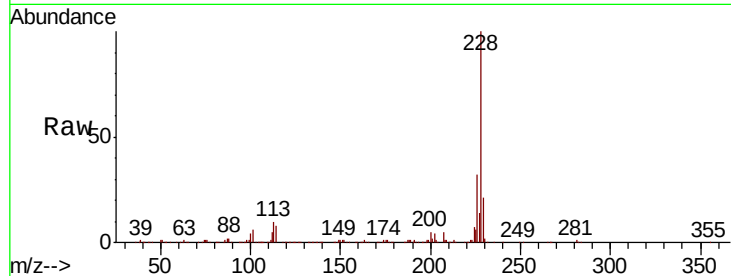
#83
 Chrysene
 Concen: 38.738 ng
 RT: 21.90 min Scan# 3202
 Delta R.T. -0.00 min
 Lab File: BG039324.D
 Acq: 30 Jan 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	32.1	25.8	38.6		
229	21.0	16.6	25.0		

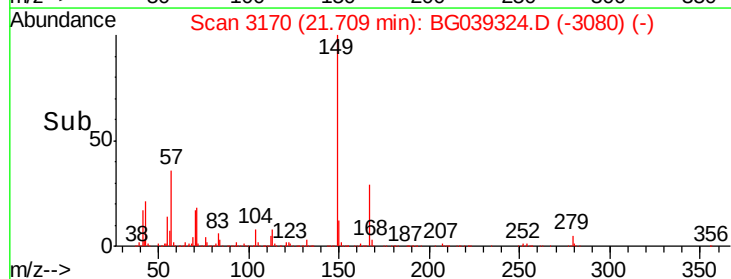
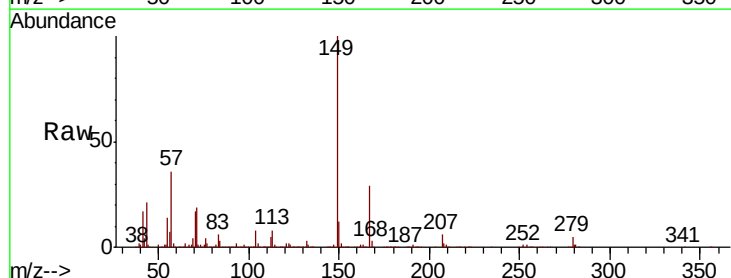
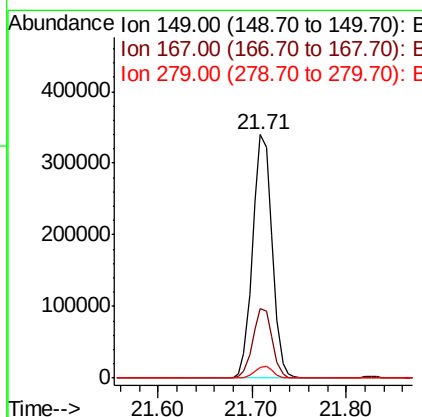
Manual Integrations
 APPROVED

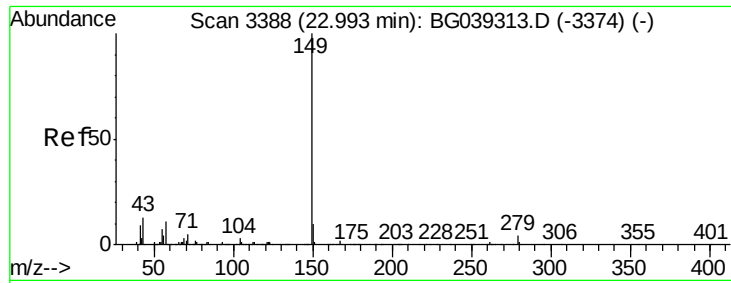
mohammad
 2/1/2019 12:05:28 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.037 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG039324.D
 Acq: 30 Jan 2019 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	28.8	22.6	34.0		
279	4.6	3.5	5.3		





#85

Di-n-octyl phthalate

Concen: 39.358 ng

RT: 22.99 min Scan# 3388

Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

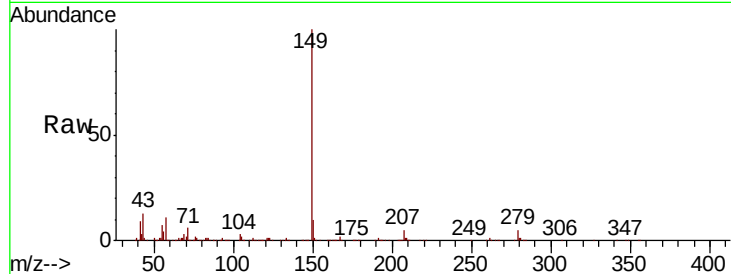
ClientSampleId :

SSTDCCC040

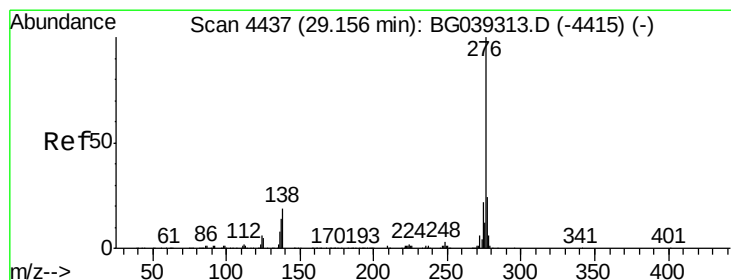
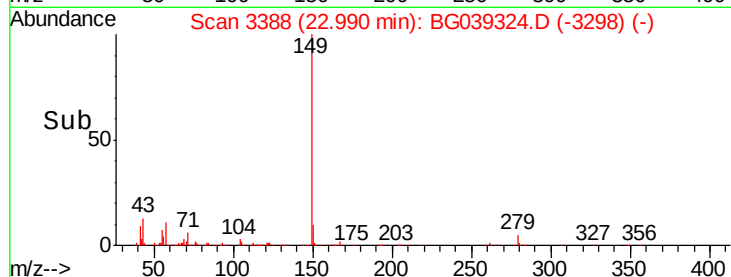
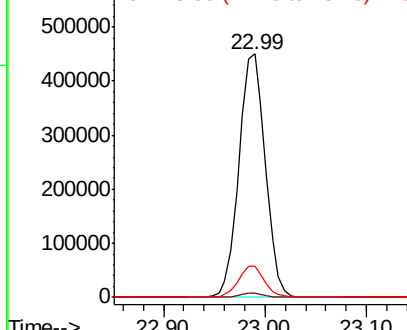
Tot Ion:	149	Resp:	811167
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	12.7	10.2	15.4

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.106 ng

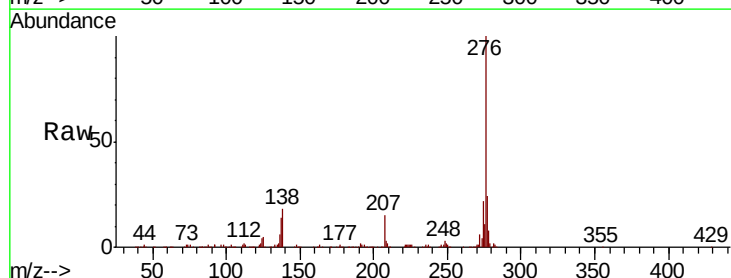
RT: 29.16 min Scan# 4438

Delta R.T. 0.00 min

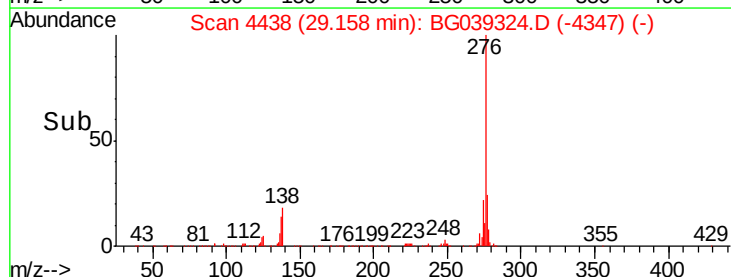
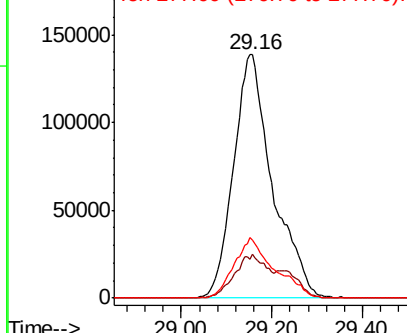
Lab File: BG039324.D

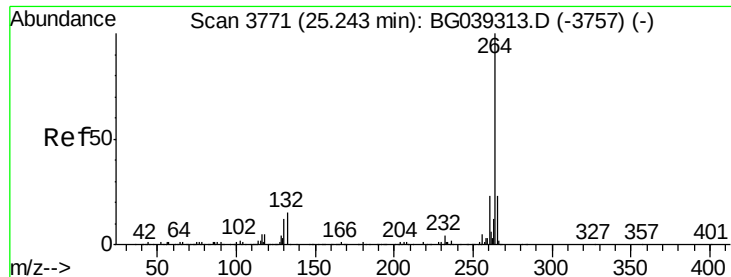
Acq: 30 Jan 2019 12:35

Tgt Ion:	276	Resp:	826067
Ion Ratio	Lower	Upper	
276	100		
138	7.8	12.6	19.0#
277	25.5	20.8	31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.24 min Scan# 3771

Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

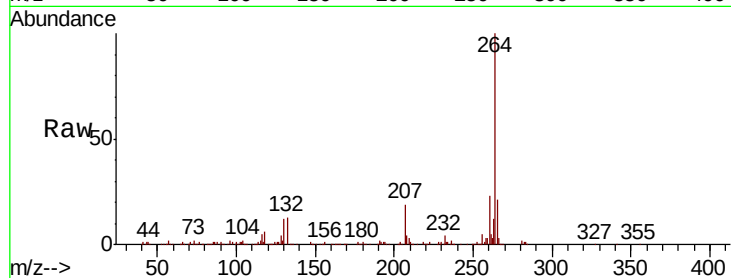
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.3	18.5	27.7

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM

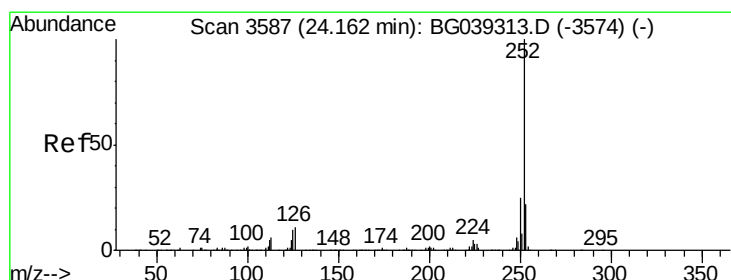
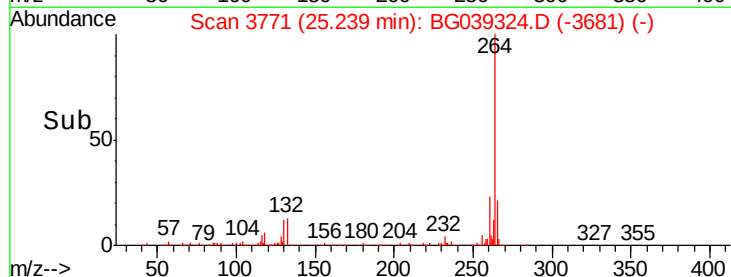
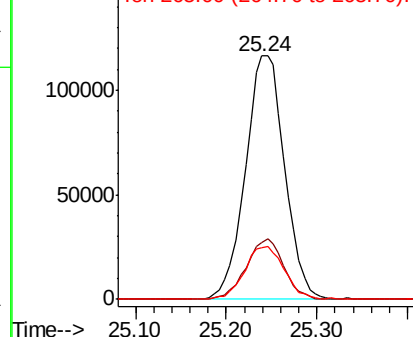


Abundance

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: 38.731 ng

RT: 24.16 min Scan# 3587

Delta R.T. -0.00 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

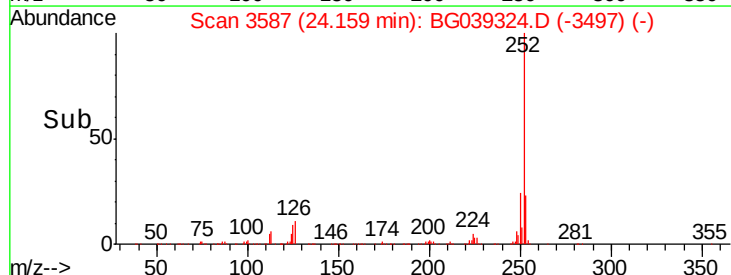
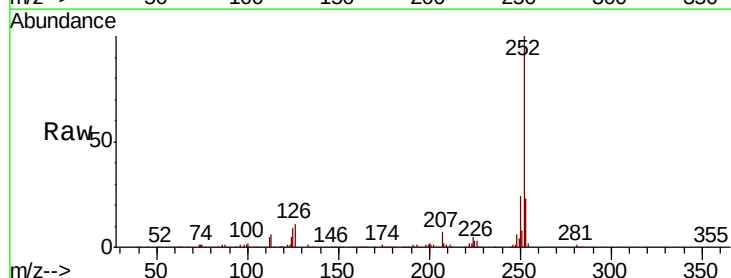
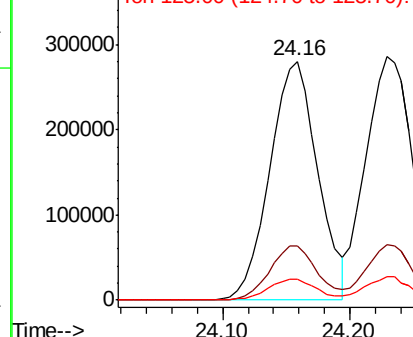
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	8.8	7.8	11.6

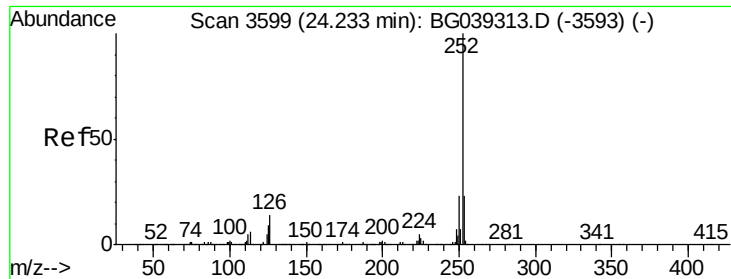
Abundance

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





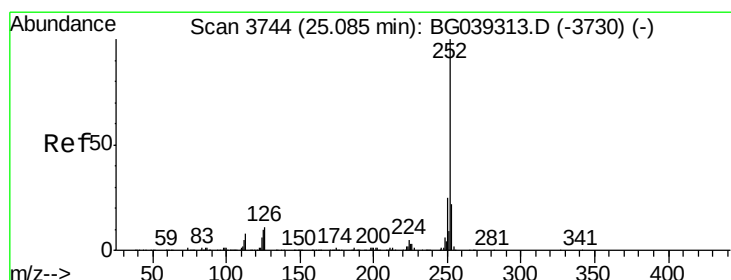
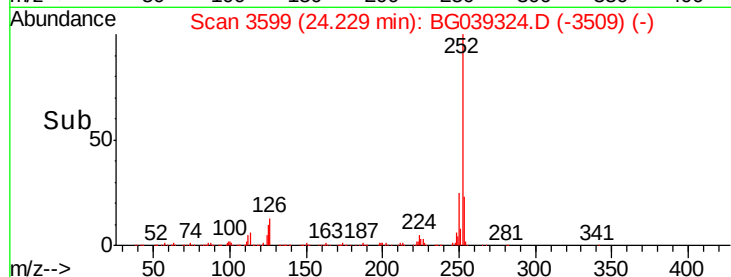
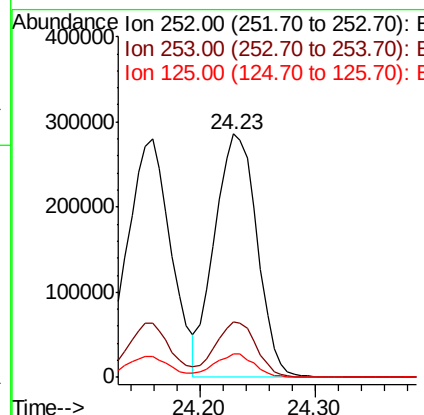
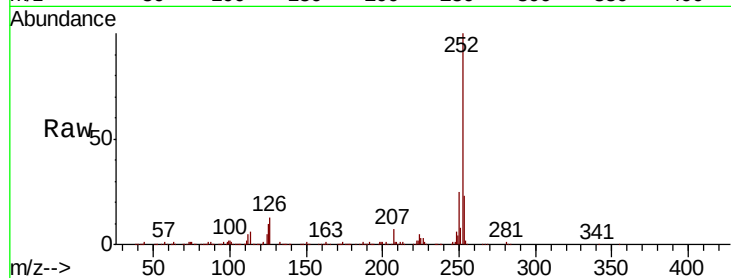
#89
Benzo(k)fluoranthene
Concen: 38.161 ng
RT: 24.23 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	9.8	7.4	11.2

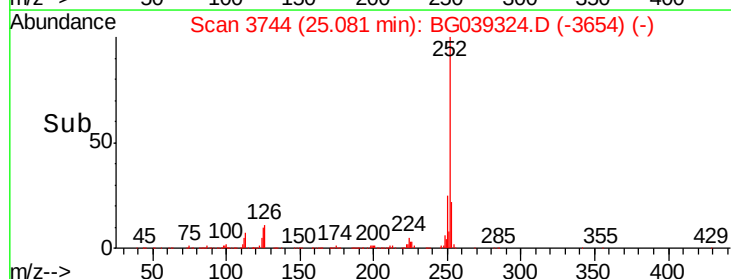
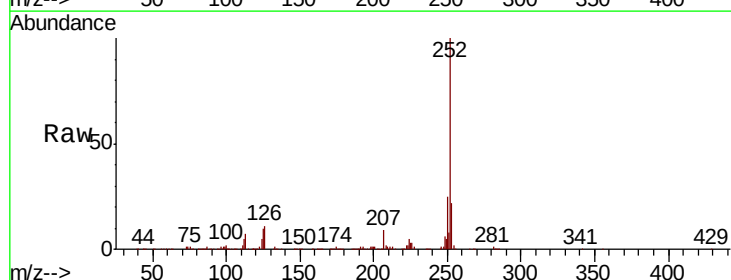
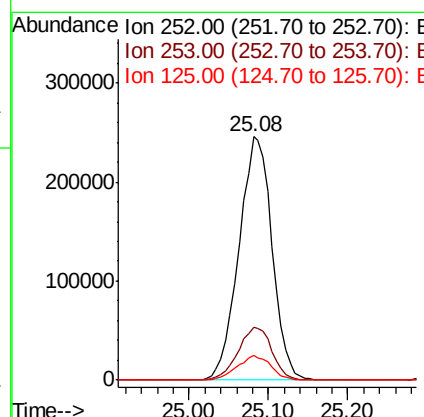
Manual Integrations
APPROVED

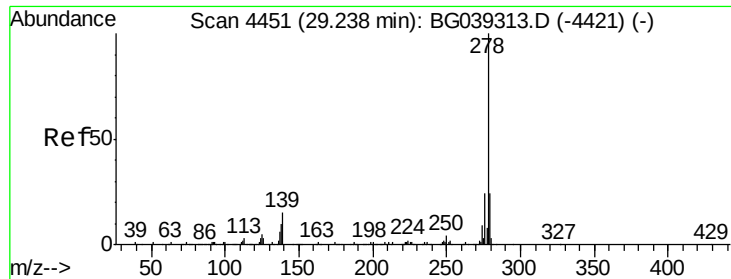
mohammad
2/1/2019 12:05:28 AM



#90
Benzo(a)pyrene
Concen: 38.803 ng
RT: 25.08 min Scan# 3744
Delta R.T. -0.00 min
Lab File: BG039324.D
Acq: 30 Jan 2019 12:35

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





#91

Dibenzo(a,h)anthracene

Concen: 39.016 ng

RT: 29.23 min Scan# 4450

Delta R.T. -0.01 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Instrument :

BNA_G

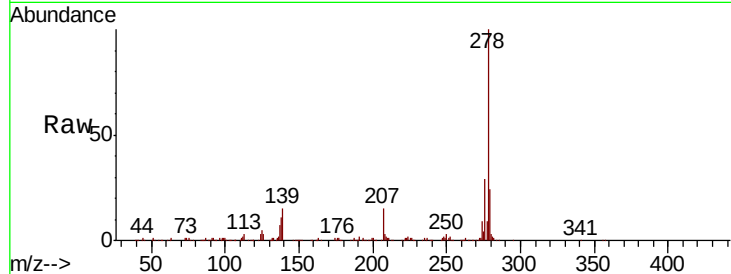
ClientSampleId :

SSTDCCC040

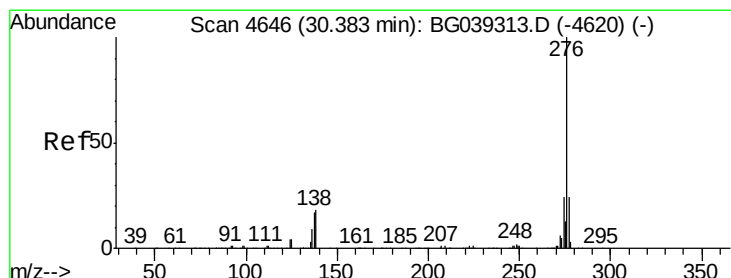
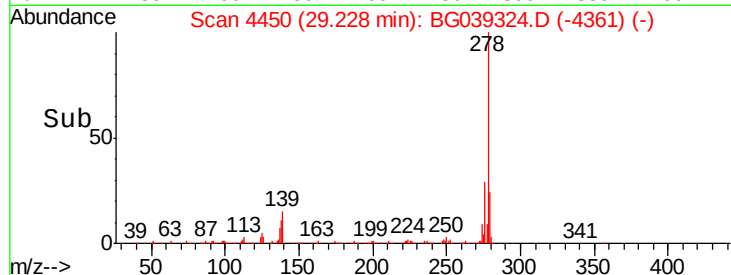
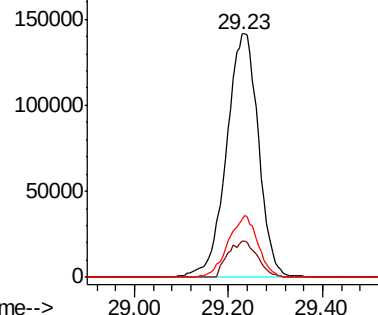
Tot Ion:	278	Resp:	669952
Ion Ratio	Lower	Upper	
278	100		
139	14.9	11.7	17.5
279	24.0	19.1	28.7

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:28 AM



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



#92

Benzo(g,h,i)perylene

Concen: 39.690 ng

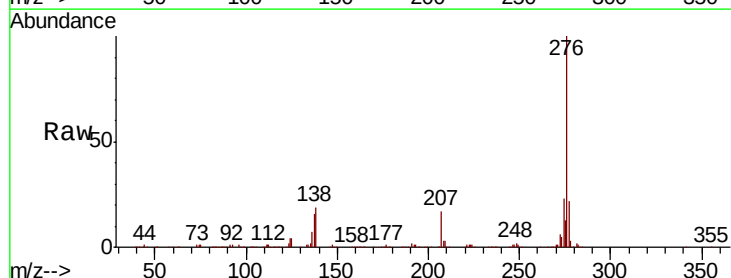
RT: 30.40 min Scan# 4649

Delta R.T. 0.01 min

Lab File: BG039324.D

Acq: 30 Jan 2019 12:35

Tgt Ion:	276	Resp:	679302
Ion Ratio	Lower	Upper	
276	100		
277	22.2	19.6	29.4
138	18.6	14.7	22.1



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

