

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041191.D
 Acq On : 11 Jun 2019 16:05
 Operator : HP/JU
 Sample : IDOC-BS-W04-RC
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-BS-W04-RC

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:38:32 AM

Quant Time: Jun 12 02:32:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	34355	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	135992	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	107726	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	271326	20.00	ng	0.00
76) Chrysene-d12	21.76	240	270715	20.00	ng	0.00
87) Perylene-d12	25.09	264	277140	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	259972	136.45	ng	0.00
7) Phenol-d6	7.25	99	371410	126.23	ng	0.00
23) Nitrobenzene-d5	9.28	82	261003	85.20	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	223869	139.98	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	644544	86.16	ng	0.00
79) Terphenyl-d14	20.08	244	1180153	92.52	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.49	88	31805	36.788	ng	# 91
3) Pyridine	3.91	79	87662	34.267	ng	97
4) n-Nitrosodimethylamine	3.83	42	49743	41.897	ng	# 89
6) Aniline	7.43	93	98285	25.025	ng	95
8) 2-Chlorophenol	7.66	128	105297	46.358	ng	95
9) Benzaldehyde	7.24	77	29426	16.765	ng	86
10) Phenol	7.28	94	146061	46.297	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	95398	41.682	ng	98
12) 1,3-Dichlorobenzene	7.99	146	111265	41.014	ng	94
13) 1,4-Dichlorobenzene	8.14	146	113905	41.480	ng	97
14) 1,2-Dichlorobenzene	8.46	146	111280	41.737	ng	97
15) Benzyl Alcohol	8.34	79	116695	42.874	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	143909	38.480	ng	99
17) 2-Methylphenol	8.54	107	101049	44.237	ng	97
18) Hexachloroethane	9.19	117	43908	41.487	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	88839	39.234	ng	97
20) 3+4-Methylphenols	8.87	107	137608	43.490	ng	98
22) Acetophenone	8.94	105	174745	45.807	ng	# 97
24) Nitrobenzene	9.33	77	144837	46.396	ng	98
25) Isophorone	9.84	82	254551	43.664	ng	98
26) 2-Nitrophenol	10.03	139	65750	51.089	ng	92
27) 2,4-Dimethylphenol	10.08	122	112805	53.072	ng	93
28) bis(2-Chloroethoxy)methane	10.32	93	133138	42.314	ng	99
29) 2,4-Dichlorophenol	10.57	162	133248	49.367	ng	93
30) 1,2,4-Trichlorobenzene	10.78	180	138821	45.211	ng	97
31) Naphthalene	10.98	128	346347	47.435	ng	99
32) Benzoic acid	10.23	122	70102	43.362	ng	98
33) 4-Chloroaniline	11.09	127	73427	21.674	ng	94
34) Hexachlorobutadiene	11.24	225	100484	42.770	ng	99
35) Caprolactam	11.88	113	40318	45.234	ng	97
36) 4-Chloro-3-methylphenol	12.20	107	151509	49.150	ng	99
37) 2-Methylnaphthalene	12.57	142	270342	48.074	ng	99
38) 1-Methylnaphthalene	12.79	142	254246m	47.978	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	197722	45.538	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041191.D
 Acq On : 11 Jun 2019 16:05
 Operator : HP/JU
 Sample : IDOC-BS-W04-RC
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-BS-W04-RC

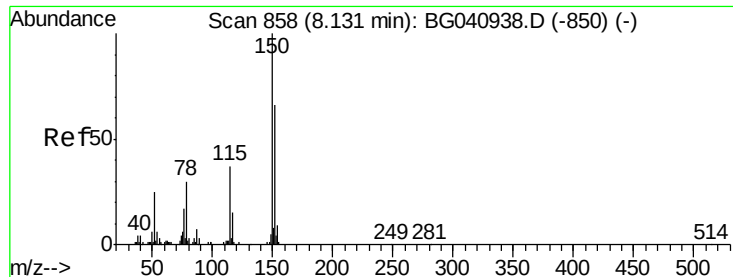
Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:38:32 AM

Quant Time: Jun 12 02:32:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	215256	90.968	nq	98
43) 2,4,6-Trichlorophenol	13.17	196	129397	46.068	nq	98
44) 2,4,5-Trichlorophenol	13.25	196	140078	47.287	nq	96
46) 1,1'-Biphenyl	13.57	154	367520	46.089	nq	99
47) 2-Chloronaphthalene	13.62	162	311524	45.507	nq	99
48) 2-Nitroaniline	13.83	65	108999	44.383	nq	98
49) Acenaphthylene	14.46	152	482489	46.830	nq	99
50) Dimethylphthalate	14.19	163	397279	43.566	nq	100
51) 2,6-Dinitrotoluene	14.32	165	91608	46.593	nq	96
52) Acenaphthene	14.80	154	281771	45.144	nq	95
53) 3-Nitroaniline	14.65	138	63385	32.239	nq	95
54) 2,4-Dinitrophenol	14.86	184	94680	88.384	nq	98
55) Dibenzofuran	15.13	168	496112	47.238	nq	97
56) 4-Nitrophenol	14.95	139	127657	94.662	nq	94
57) 2,4-Dinitrotoluene	15.10	165	128026	46.097	nq	# 98
58) Fluorene	15.78	166	387852	46.372	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	143538	49.305	nq	98
60) Diethylphthalate	15.54	149	411129	44.178	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	249343	45.865	nq	94
62) 4-Nitroaniline	15.82	138	88334	42.439	nq	95
63) Azobenzene	16.06	77	386822	45.733	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	73626	50.167	nq	99
66) n-Nitrosodiphenylamine	15.99	169	352298	46.189	nq	100
67) 4-Bromophenyl-phenylether	16.66	248	165687	45.249	nq	99
68) Hexachlorobenzene	16.77	284	168092	43.111	nq	99
69) Atrazine	16.93	200	145747	49.523	nq	98
70) Pentachlorophenol	17.13	266	192930	91.709	nq	97
71) Phenanthrene	17.53	178	663084	46.918	nq	98
72) Anthracene	17.62	178	674709	48.405	nq	98
73) Carbazole	17.89	167	573897	47.984	nq	98
74) Di-n-butylphthalate	18.42	149	686055	46.152	nq	99
75) Fluoranthene	19.53	202	851054	48.753	nq	100
77) Benzidine	19.71	184	269025	41.658	nq	97
78) Pyrene	19.89	202	846609	48.107	nq	99
80) Butylbenzylphthalate	20.76	149	314794	45.965	nq	96
81) Benzo(a)anthracene	21.74	228	809718	44.933	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	203361	32.085	nq	97
83) Chrysene	21.81	228	803697	46.605	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	436965	45.325	nq	99
85) Di-n-octyl phthalate	22.84	149	744260	46.354	nq	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	775190	36.696	nq	# 70
88) Benzo(b)fluoranthene	24.02	252	788663	46.918	nq	99
89) Benzo(k)fluoranthene	24.09	252	803530	48.306	nq	98
90) Benzo(a)pyrene	24.93	252	779299	48.592	nq	97
91) Dibenzo(a,h)anthracene	28.96	278	645858	40.304	nq	95
92) Benzo(g,h,i)perylene	30.12	276	550344	35.350	nq	98

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



#1

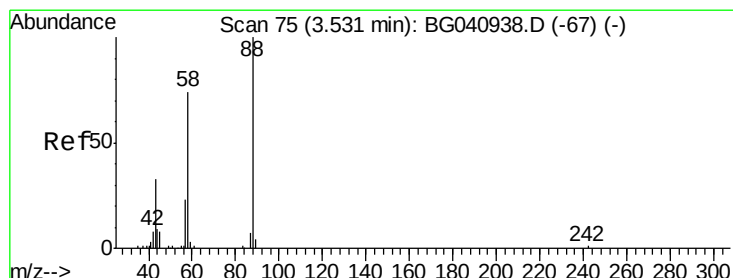
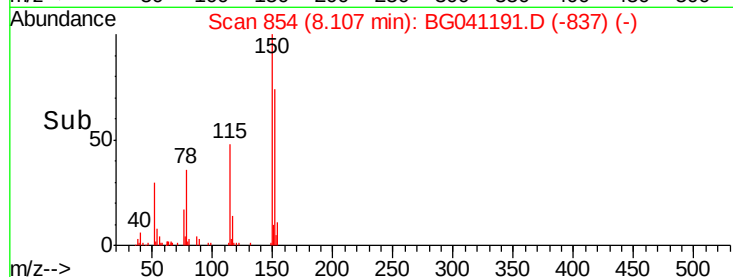
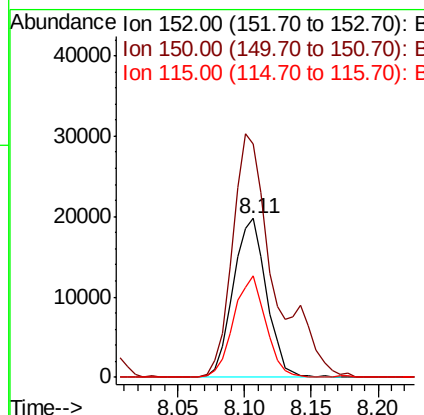
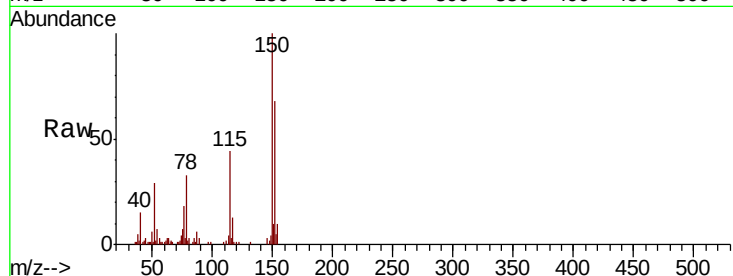
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.7	120.6	180.8
115	64.1	45.1	67.7

Manual Integrations
APPROVED

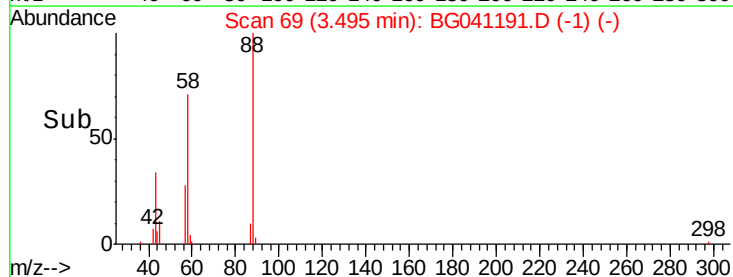
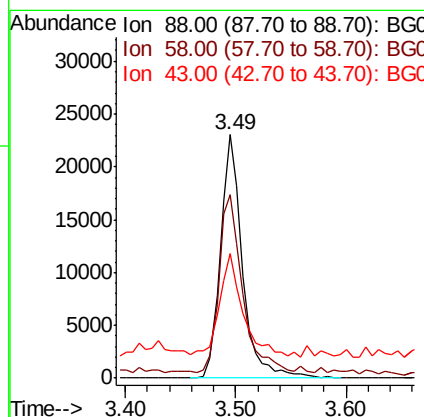
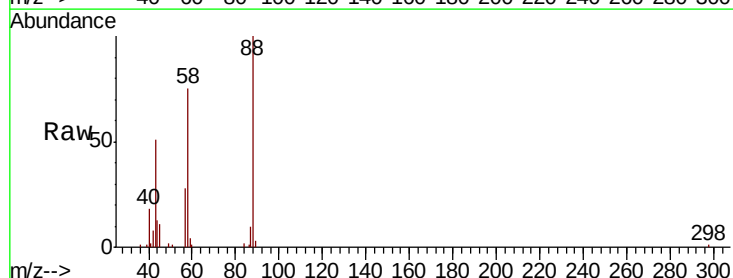
mohammad
6/14/2019 8:38:32 AM

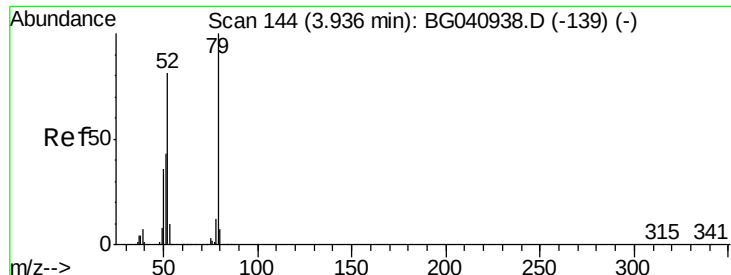


#2

1,4-Dioxane
Concen: 36.788 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	59.0	88.6
43	44.4	27.2	40.8#





#3

Pvridine

Concen: 34.267 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

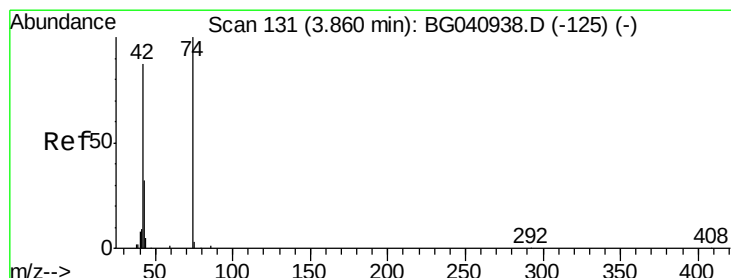
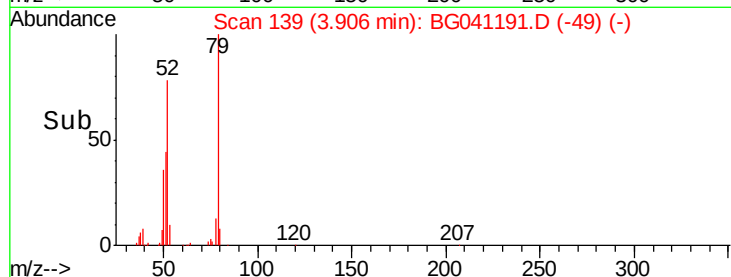
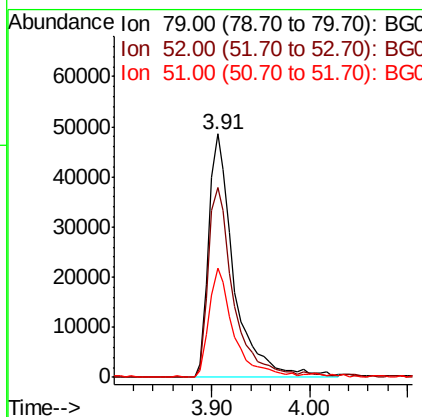
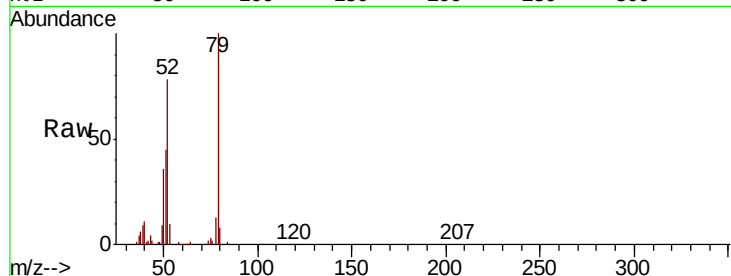
ClientSampleId :

IDOC-BS-W04-RC

Tot Ion:	79	Resp:	87662
Ion	Ratio	Lower	Upper
79	100		
52	77.9	64.8	97.2
51	44.6	35.3	52.9

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



#4

n-Nitrosodimethylamine

Concen: 41.897 ng

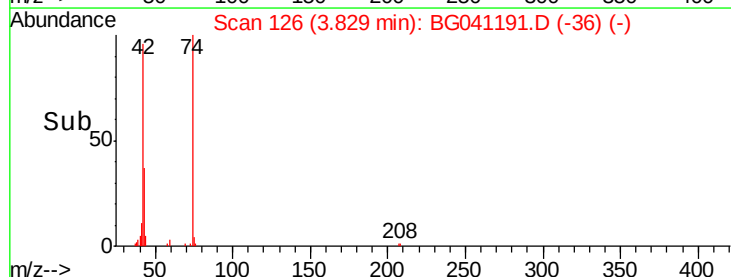
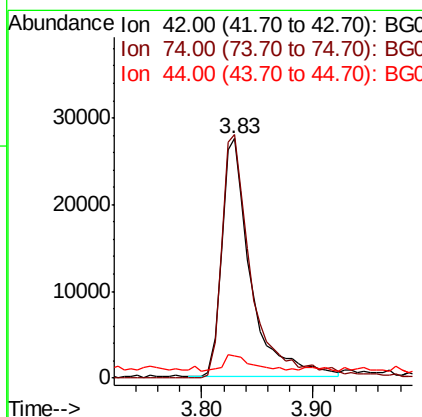
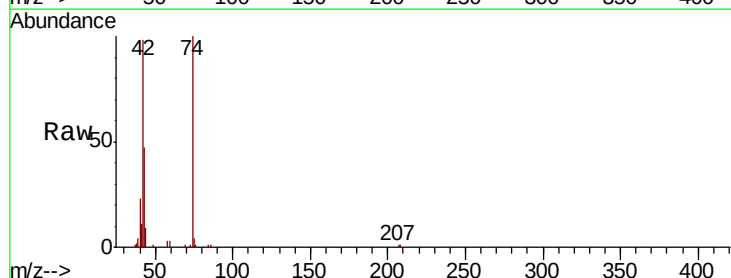
RT: 3.83 min Scan# 126

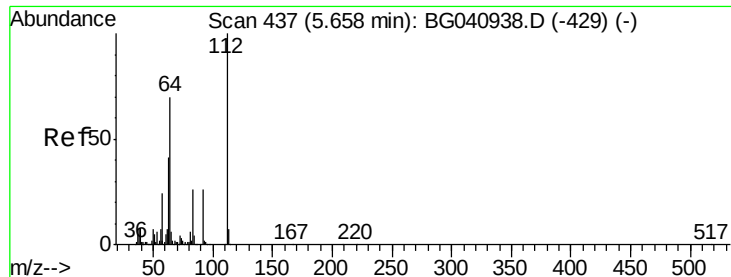
Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion:	42	Resp:	49743
Ion	Ratio	Lower	Upper
42	100		
74	101.8	91.8	137.6
44	9.1	6.0	9.0#





#5

2-Fluorophenol

Concen: 136.453 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

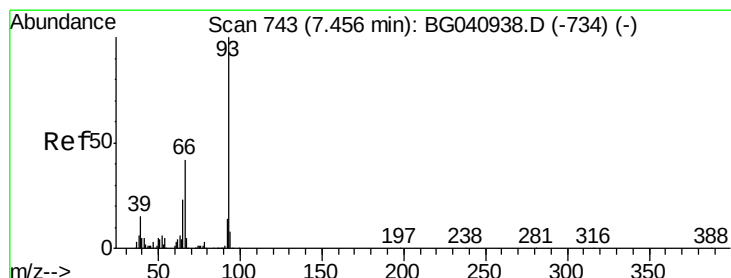
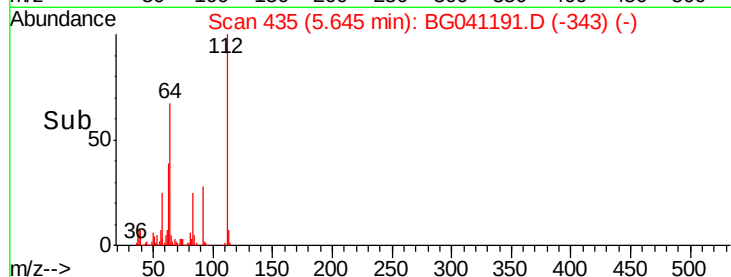
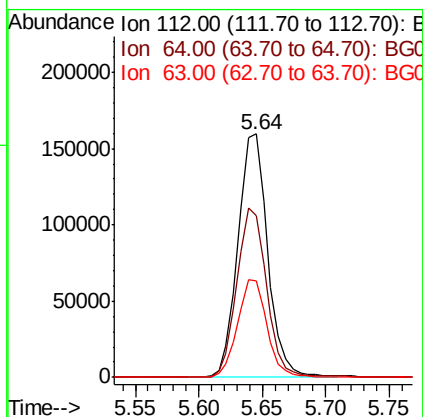
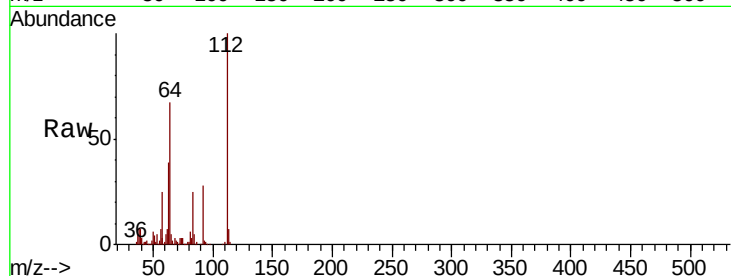
ClientSampleId :

IDOC-BS-W04-RC

Tot Ion:	112	Resp:	259972
Ion Ratio	Lower	Upper	
112	100		
64	66.6	56.2	84.2
63	39.3	32.8	49.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



#6

Aniline

Concen: 25.025 ng

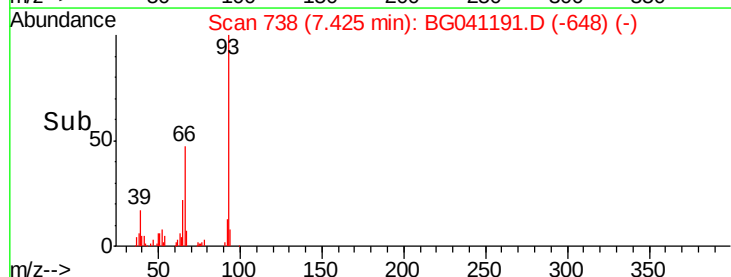
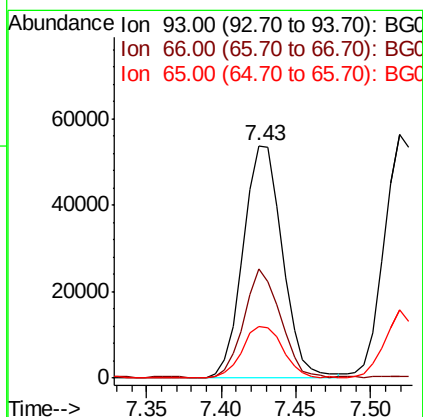
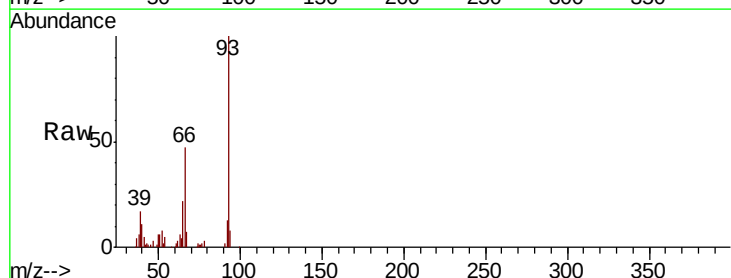
RT: 7.43 min Scan# 738

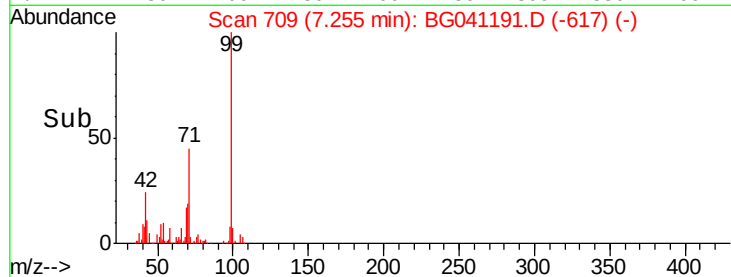
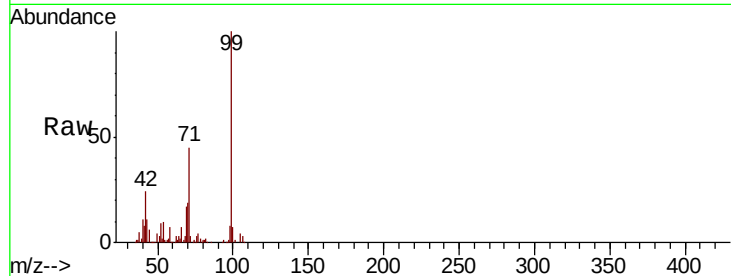
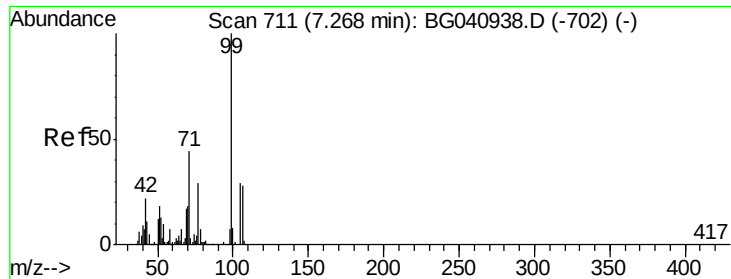
Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion:	93	Resp:	98285
Ion Ratio	Lower	Upper	
93	100		
66	47.1	33.8	50.8
65	22.3	18.3	27.5





#7

Phenol-d6

Concen: 126.227 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tot Ion:	99	Resp:	371410
Ion Ratio	Lower	Upper	
99	100		
42	23.7	17.9	26.9
71	45.4	35.4	53.0

Instrument :

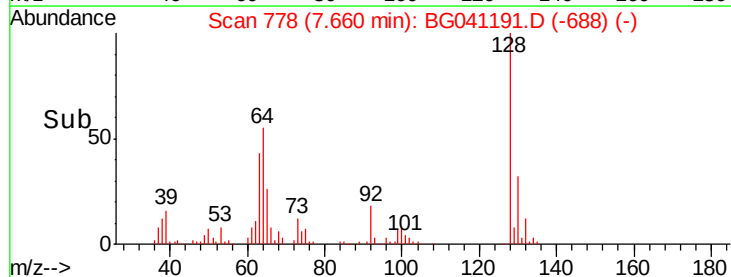
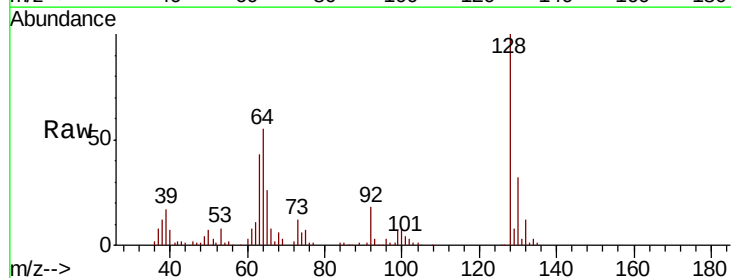
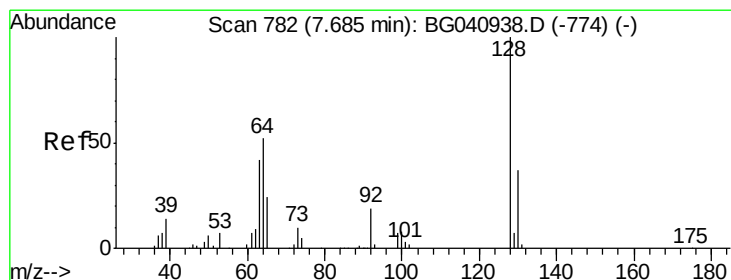
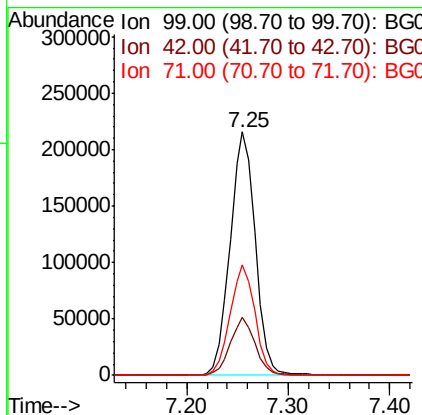
BNA_G

ClientSampleId :

IDOC-BS-W04-RC

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



#8

2-Chlorophenol

Concen: 46.358 ng

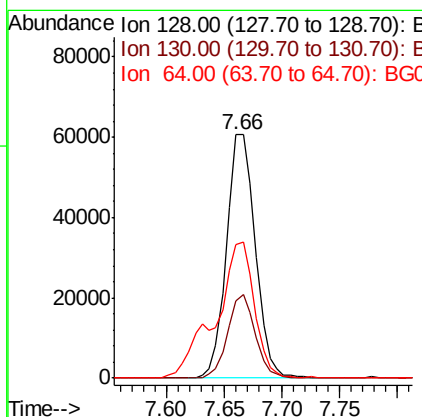
RT: 7.66 min Scan# 778

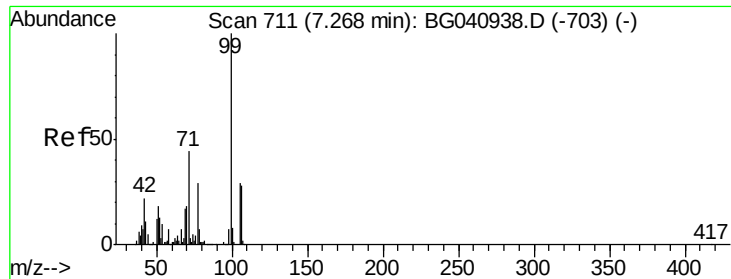
Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion:	128	Resp:	105297
Ion Ratio	Lower	Upper	
128	100		
130	31.9	16.6	56.6
64	55.1	37.8	77.8





#9

Benzaldehyde

Concen: 16.765 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

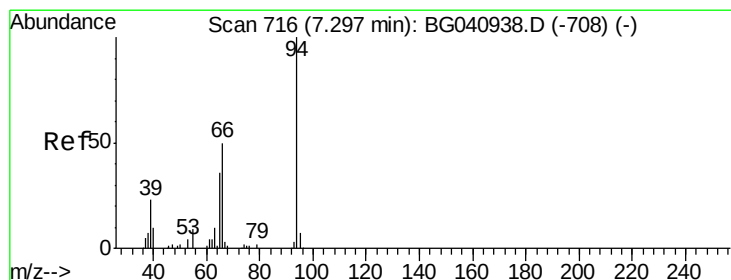
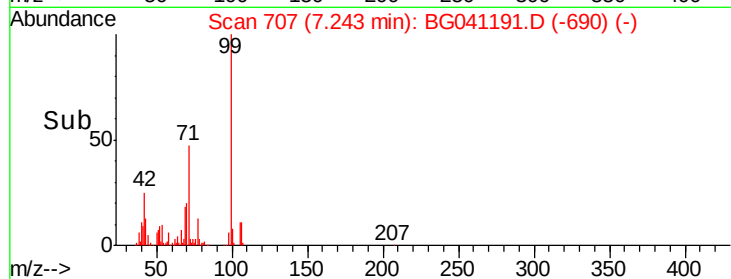
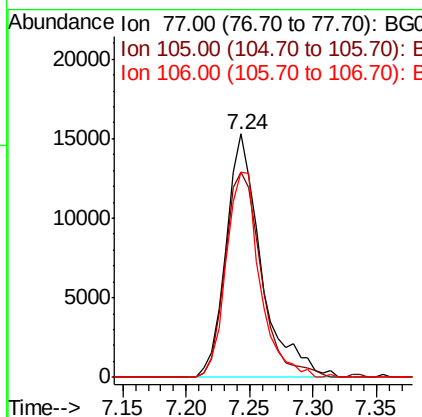
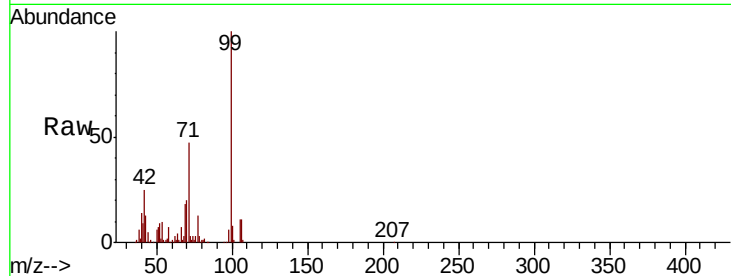
ClientSampleId :

IDOC-BS-W04-RC

Tot Ion:	77	Resp:	29426
Ion	Ratio	Lower	Upper
77	100		
105	84.1	78.9	118.9
106	84.4	76.7	116.7

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



#10

Phenol

Concen: 46.297 ng

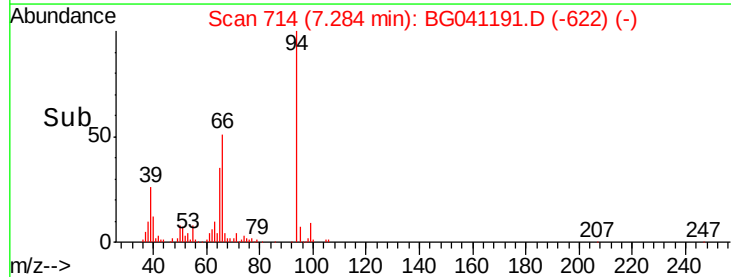
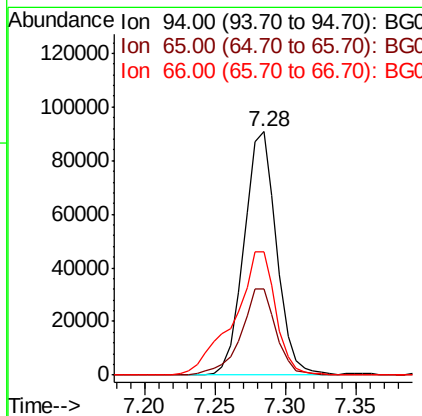
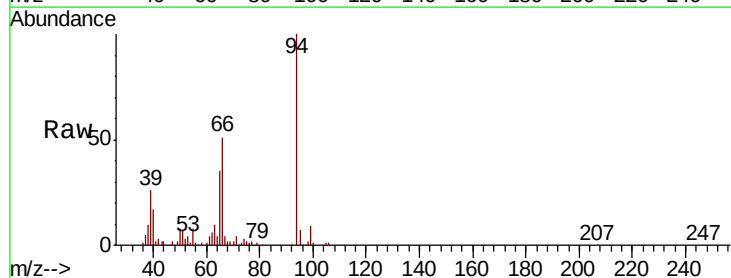
RT: 7.28 min Scan# 714

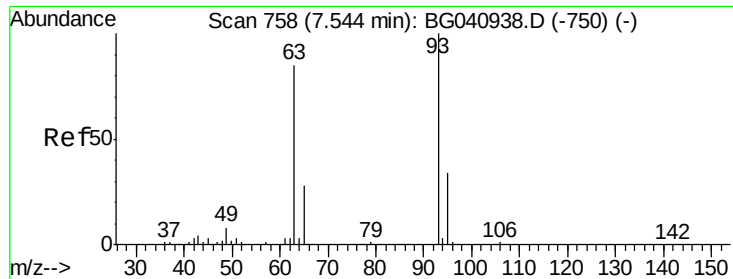
Delta R.T. 0.01 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion:	94	Resp:	146061
Ion	Ratio	Lower	Upper
94	100		
65	35.2	17.0	57.0
66	50.6	32.4	72.4





#11

bis(2-Chloroethyl)ether

Concen: 41.682 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

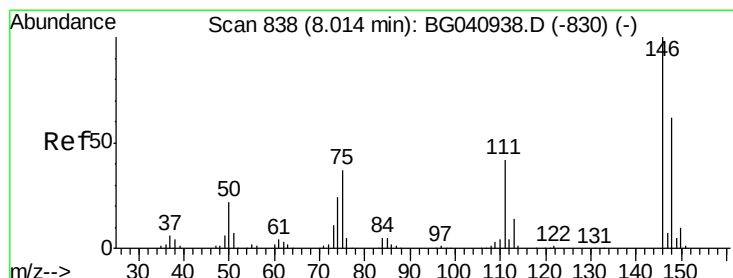
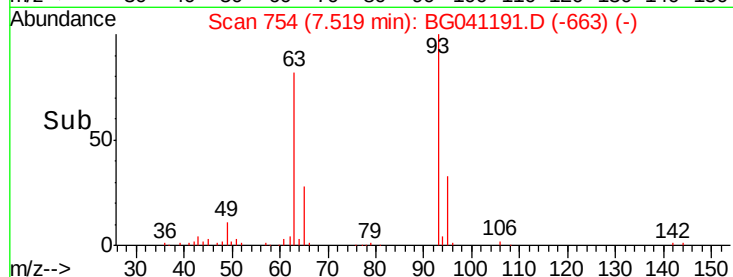
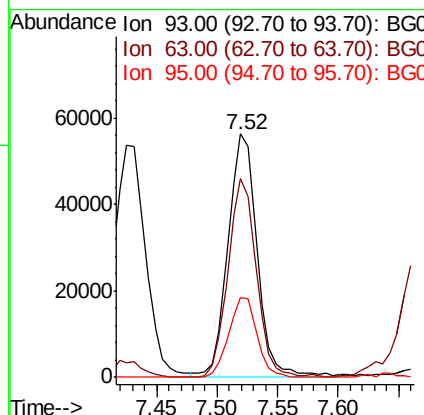
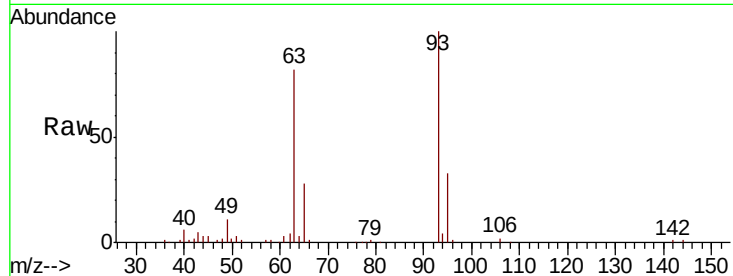
ClientSampleId :

IDOC-BS-W04-RC

Tot Ion:	93	Resp:	95398
Ion	Ratio	Lower	Upper
93	100		
63	81.6	64.5	104.5
95	33.0	13.3	53.3

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



#12

1,3-Dichlorobenzene

Concen: 41.014 ng

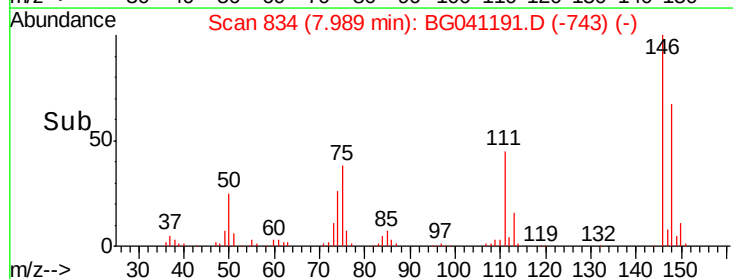
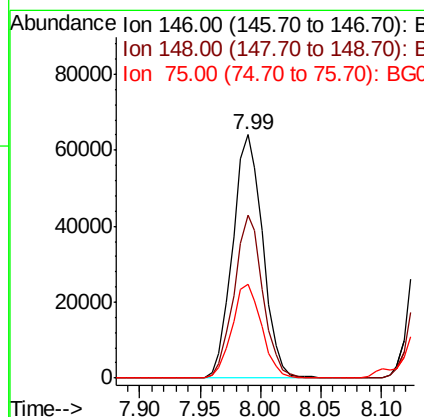
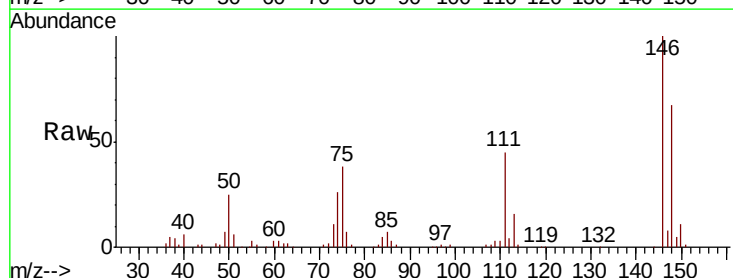
RT: 7.99 min Scan# 834

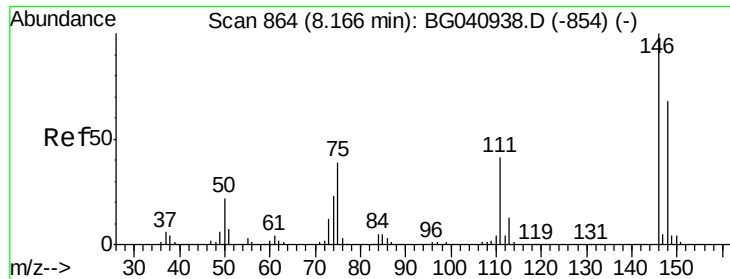
Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion:	146	Resp:	111265
Ion	Ratio	Lower	Upper
146	100		
148	67.0	49.2	73.8
75	38.3	29.4	44.0





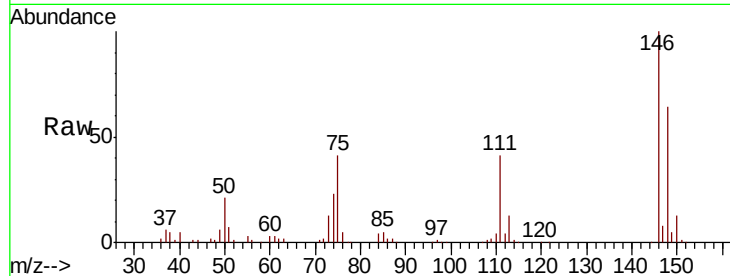
#13
 1,4-Dichlorobenzene
 Concen: 41.480 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	54.2	81.4
111	41.3	32.9	49.3

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:38:32 AM

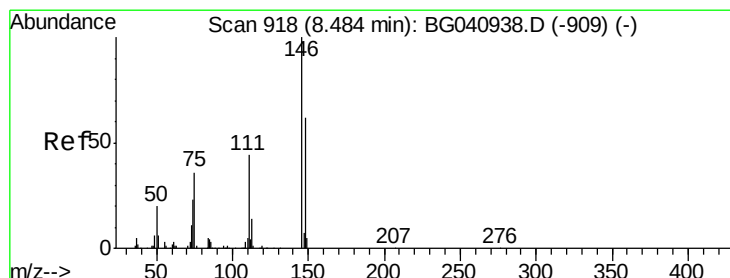
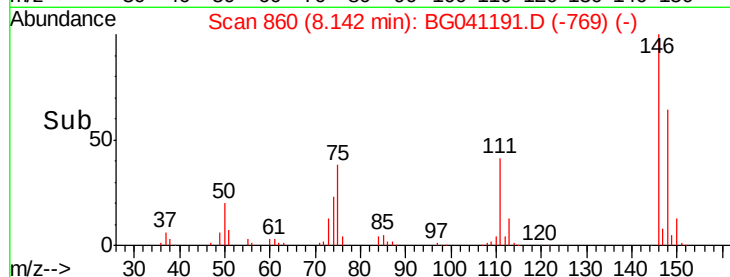
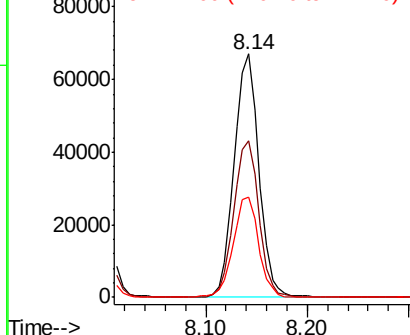


Abundance

Ion 146.00 (145.70 to 146.70): E

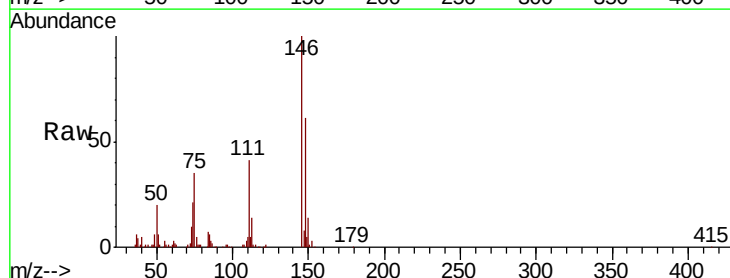
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.737 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.6	49.8	74.6
111	40.6	35.0	52.4

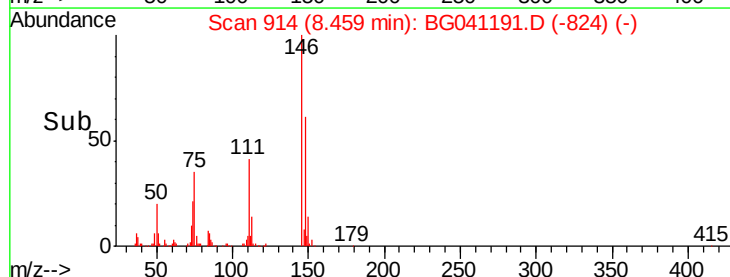
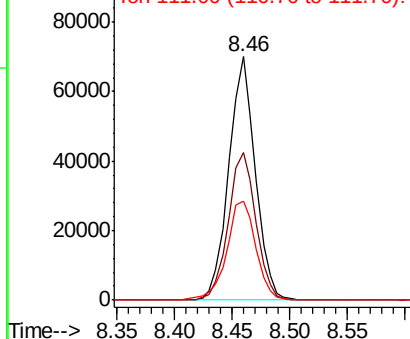


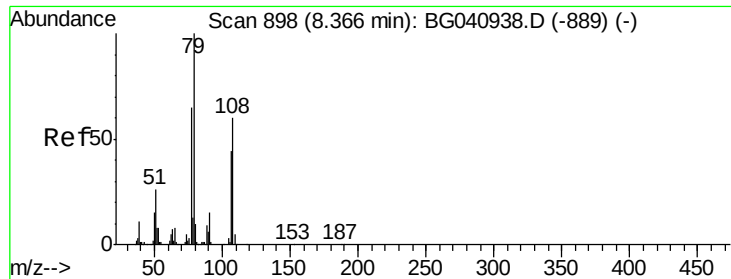
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.874 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

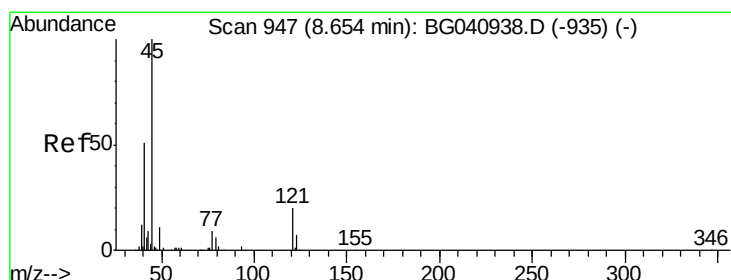
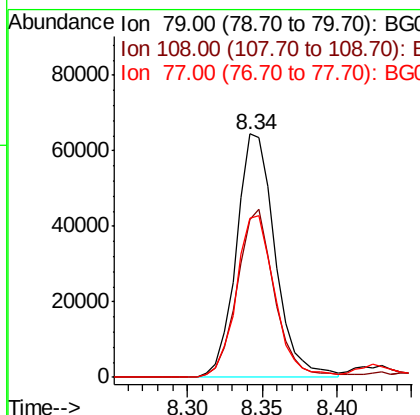
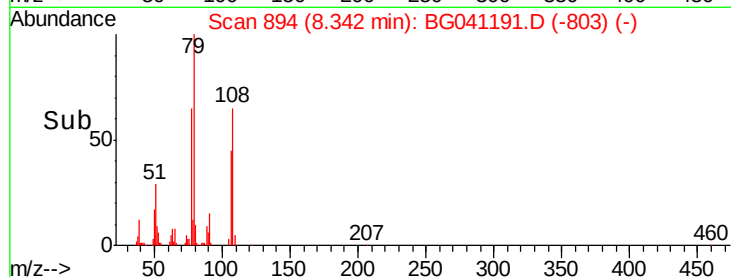
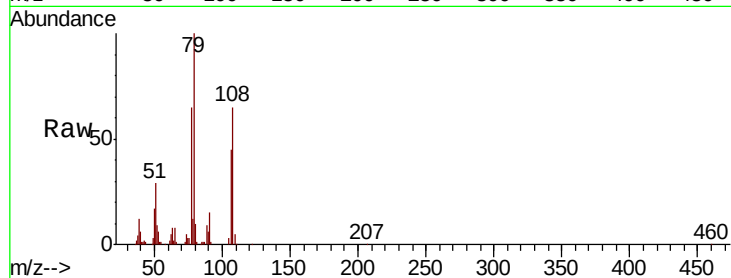
ClientSampleId :

IDOC-BS-W04-RC

Tot Ion:	79	Resp:	116695
Ion Ratio	Lower	Upper	
79	100		
108	64.7	48.3	72.5
77	65.2	52.3	78.5

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.480 ng

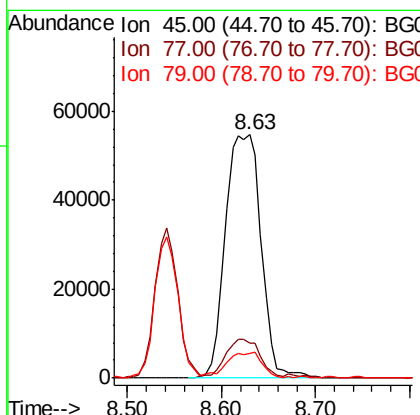
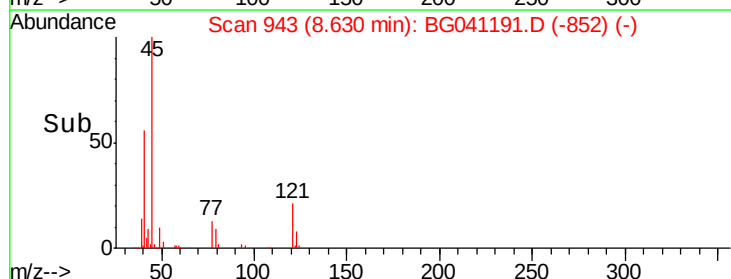
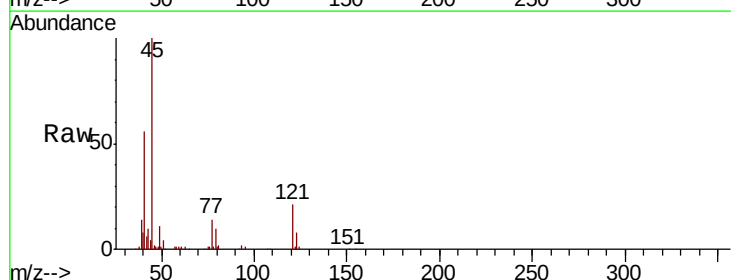
RT: 8.63 min Scan# 943

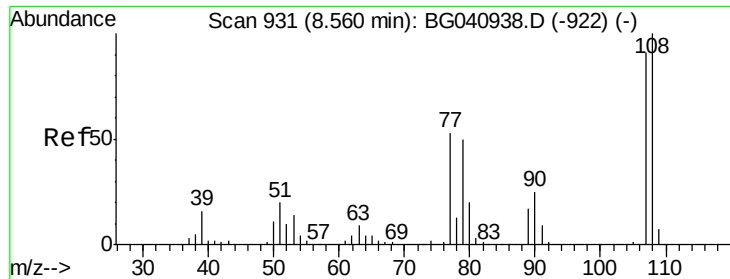
Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion:	45	Resp:	143909
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	33.7
79	10.1	0.0	30.2





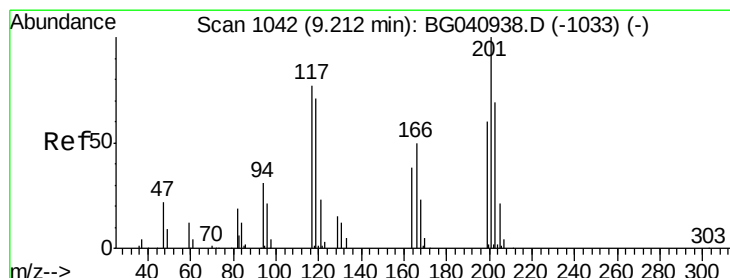
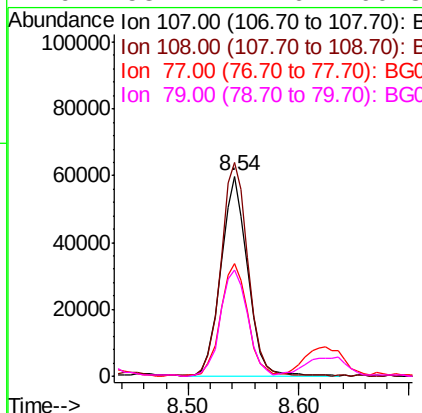
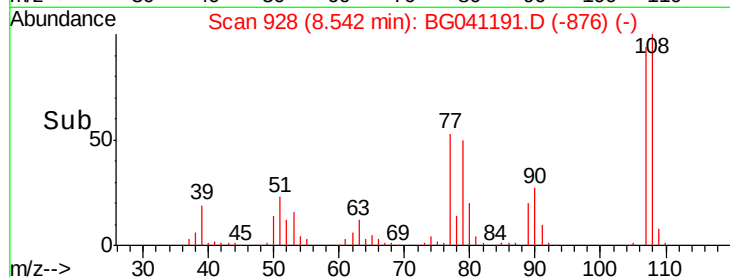
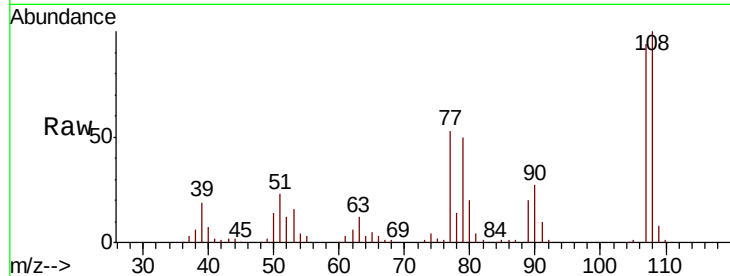
#17
2-Methylphenol
Concen: 44.237 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	101049		
108	108.00	106.7	87.7	131.5	
77	77.00	56.3	46.6	70.0	
79	79.00	53.1	44.6	66.8	

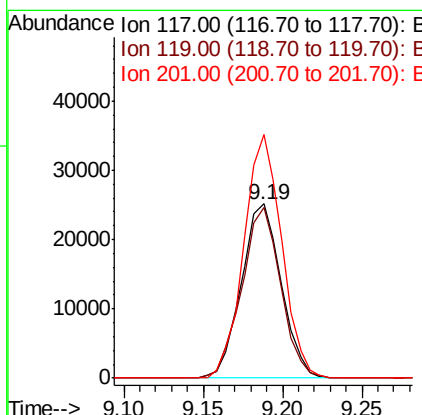
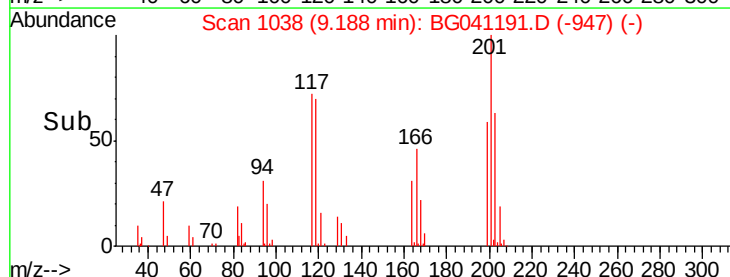
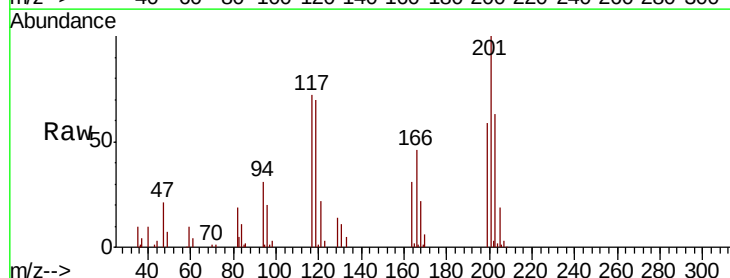
Manual Integrations
APPROVED

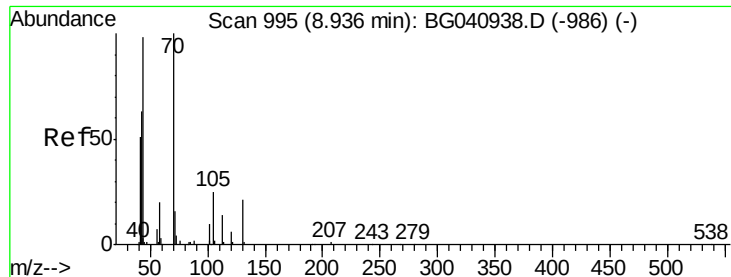
mohammad
6/14/2019 8:38:32 AM



#18
Hexachloroethane
Concen: 41.487 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	43908		
119	119.00	98.2	75.0	112.6	
201	201.00	139.7	103.5	155.3	





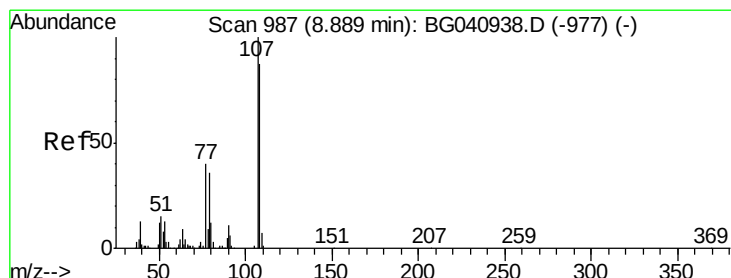
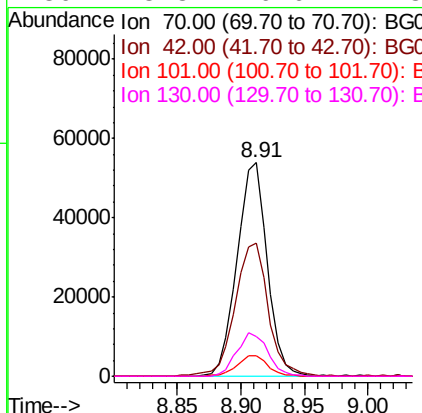
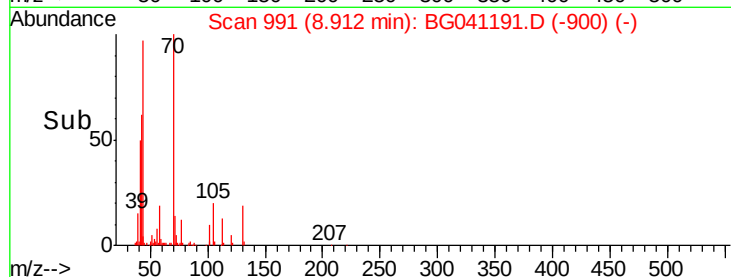
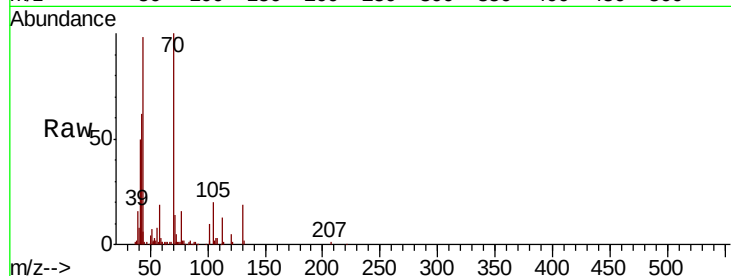
#19
n-Nitroso-di-n-propylamine
Concen: 39.234 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.2	51.5	77.3	
101	9.6	8.1	12.1	
130	18.8	16.6	24.8	

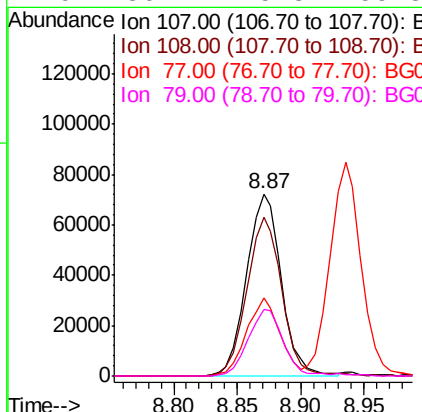
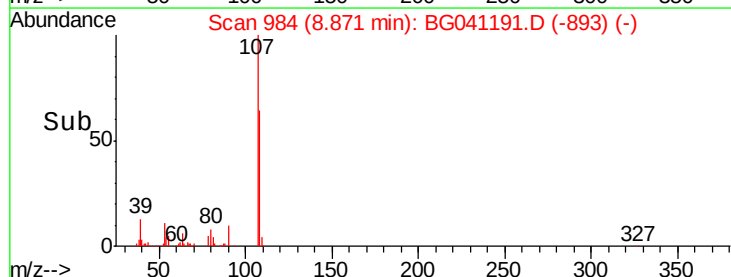
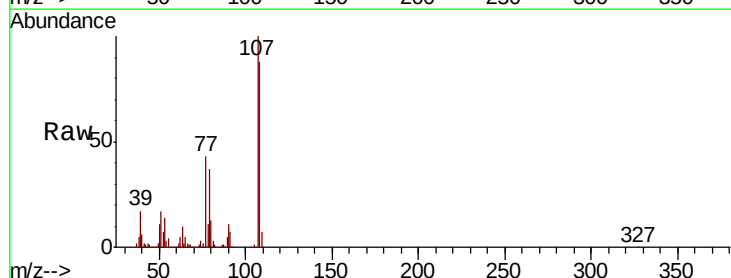
Manual Integrations
APPROVED

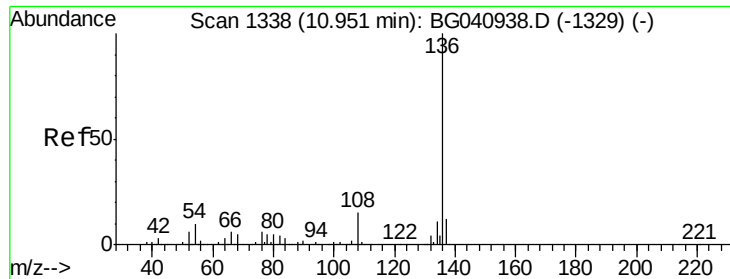
mohammad
6/14/2019 8:38:32 AM



#20
3+4-Methylphenols
Concen: 43.490 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	66.8	106.8	
77	43.2	20.5	60.5	
79	36.7	15.8	55.8	





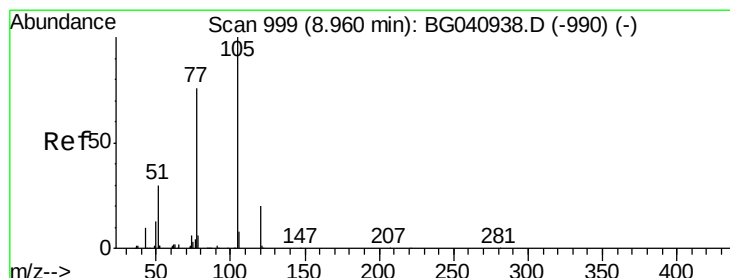
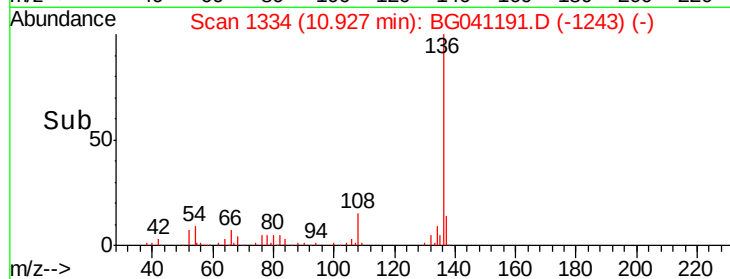
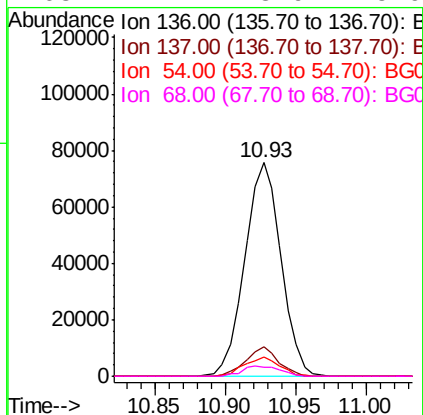
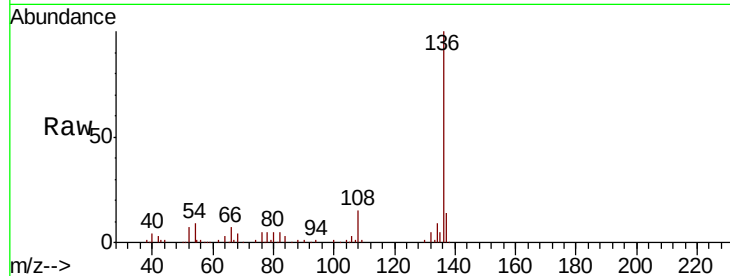
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	135992		
137	13.7		9.5	14.3
54	9.6		7.6	11.4
68	4.4		3.9	5.9

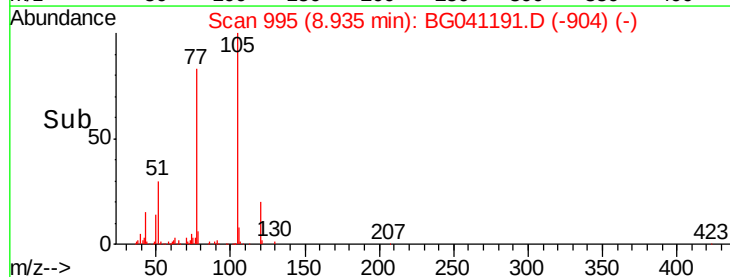
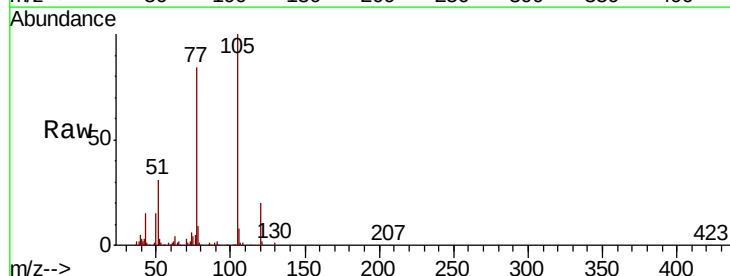
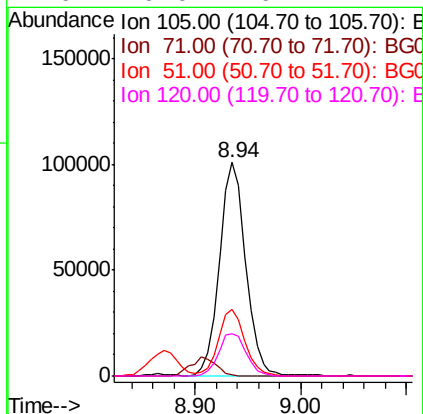
Manual Integrations
APPROVED

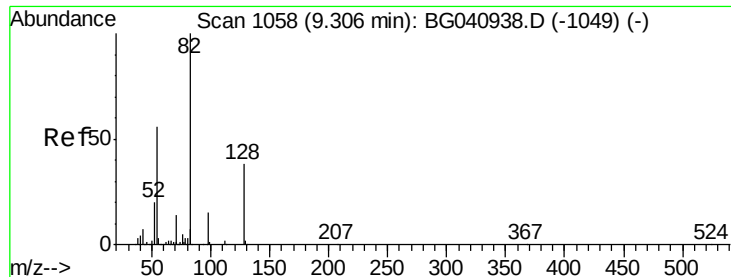
mohammad
6/14/2019 8:38:32 AM



#22
Acetophenone
Concen: 45.807 ng
RT: 8.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	174745		
71	0.6		0.4	0.6#
51	30.9		27.0	40.6
120	20.0		16.2	24.4





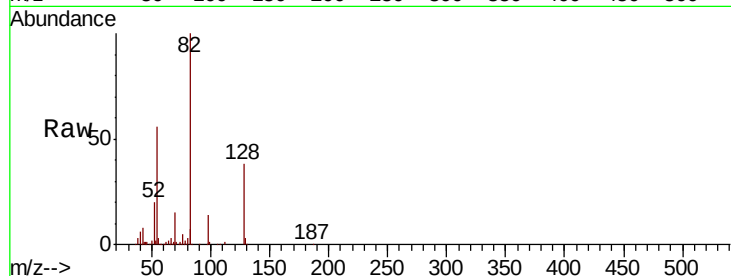
#23
Nitrobenzene-d5
Concen: 85.203 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

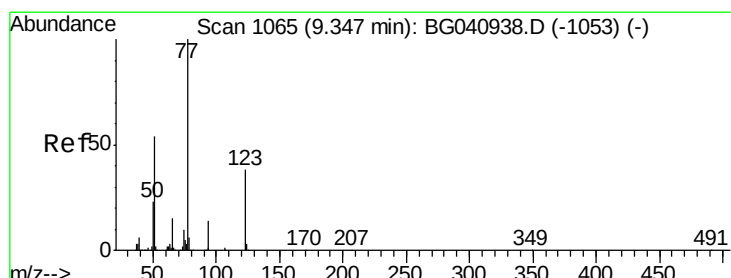
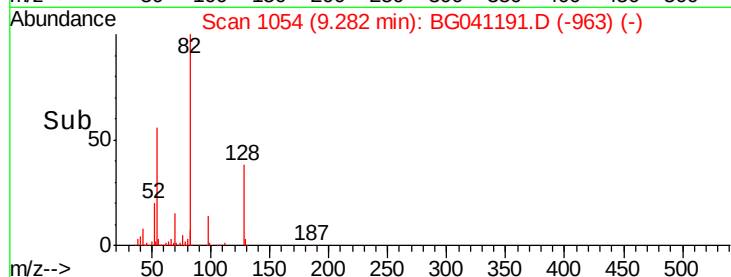
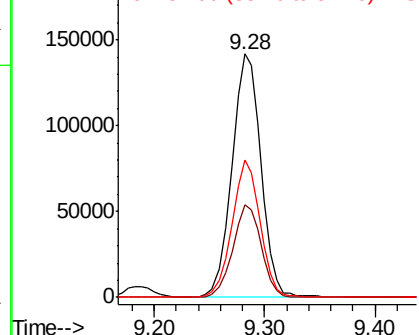
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.5	45.7
54	56.5	44.6	66.8

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM

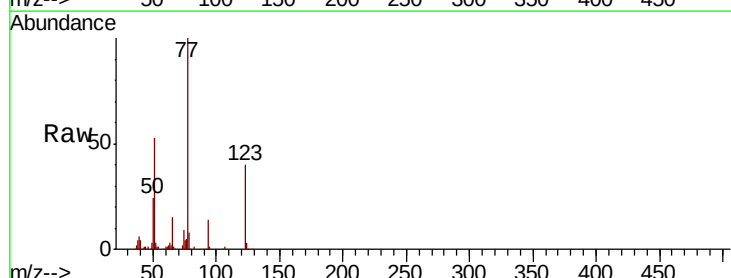


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

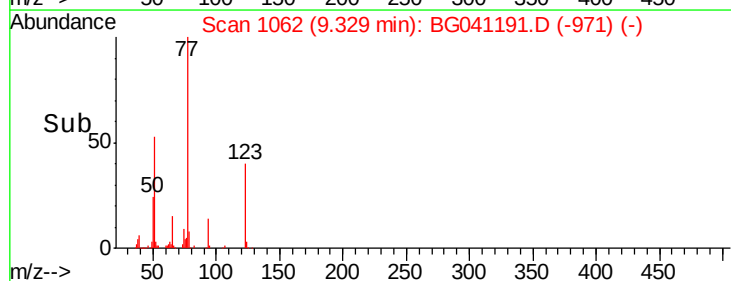
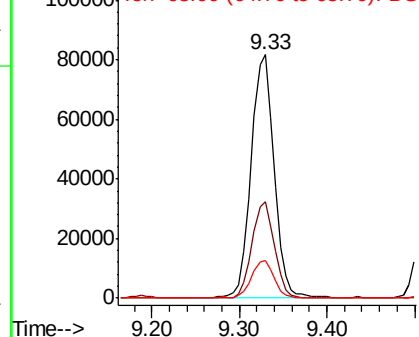


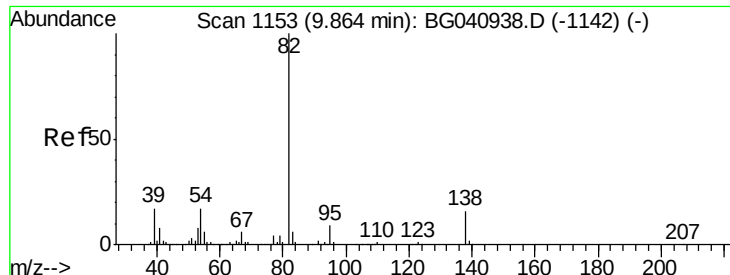
#24
Nitrobenzene
Concen: 46.396 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.5	30.6	46.0
65	15.3	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





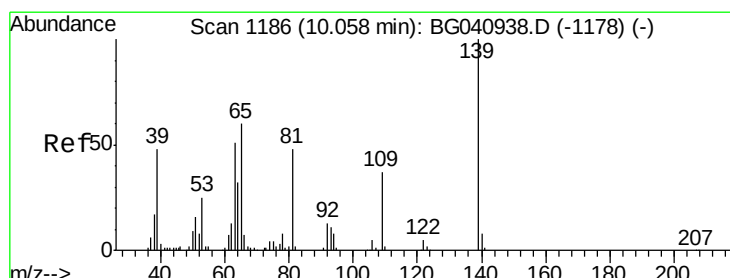
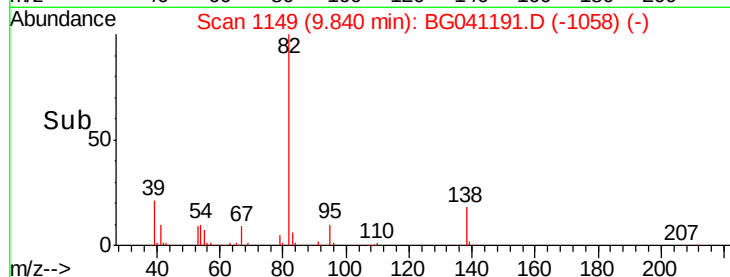
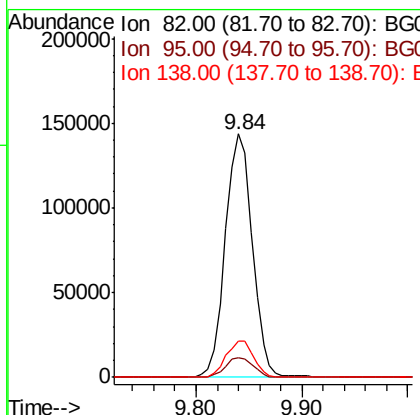
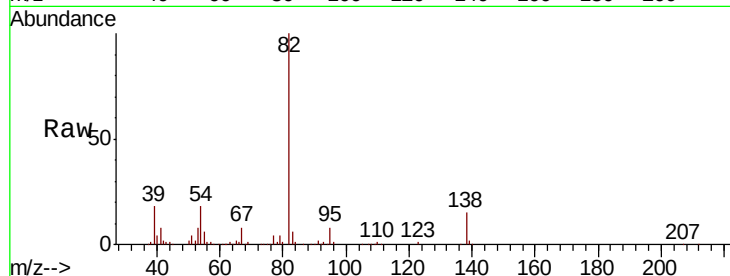
#25
Isophorone
Concen: 43.664 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Resp	Lower	Upper
82	100	254551		
95	8.0		7.0	10.4
138	15.1		12.6	19.0

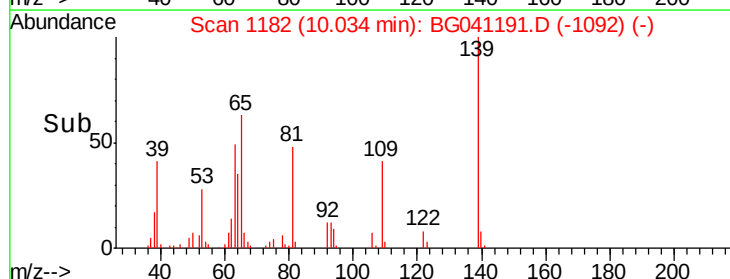
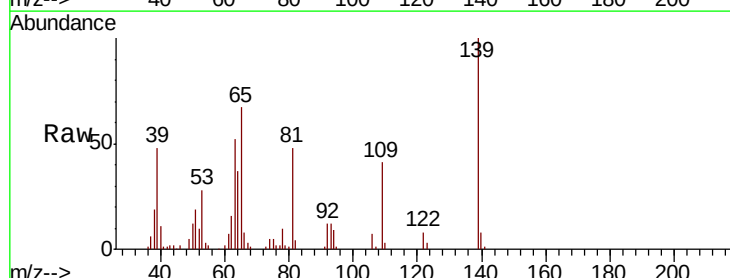
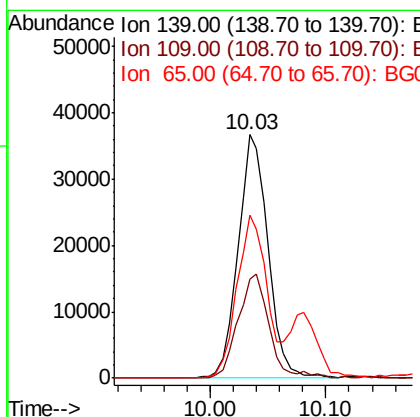
Manual Integrations
APPROVED

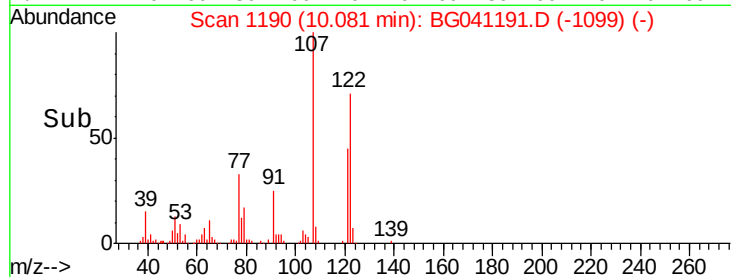
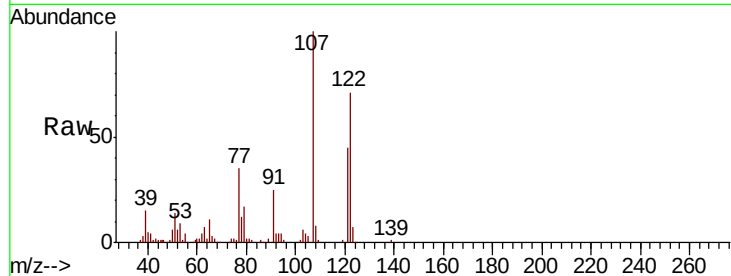
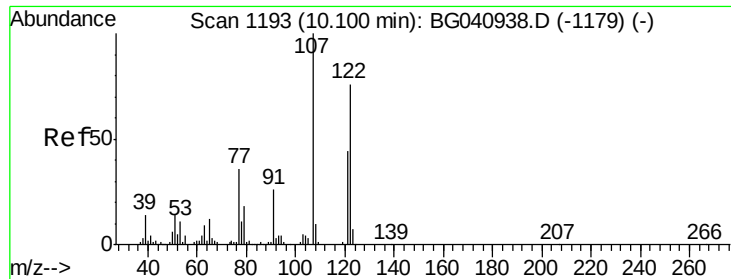
mohammad
6/14/2019 8:38:32 AM



#26
2-Nitrophenol
Concen: 51.089 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	65750		
109	40.9		29.8	44.6
65	67.0		47.8	71.6





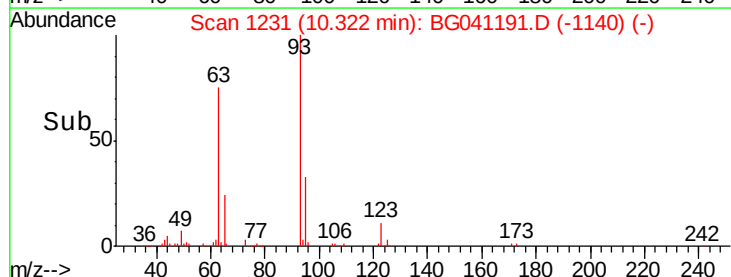
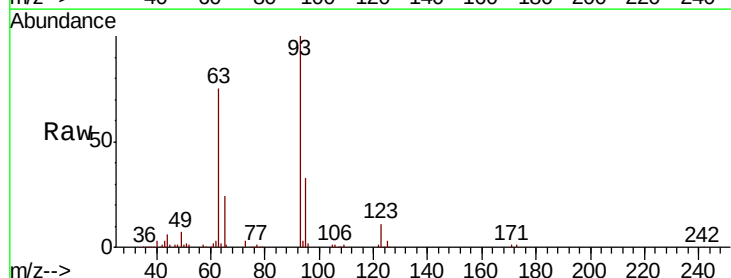
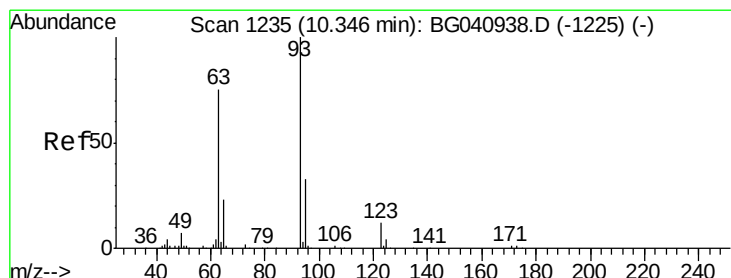
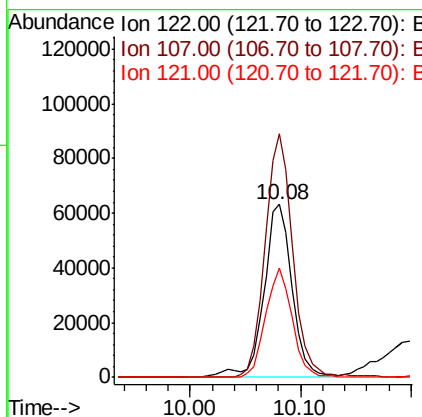
#27
2,4-Dimethylphenol
Concen: 53.072 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.9	105.9	158.9
121	62.9	46.2	69.4

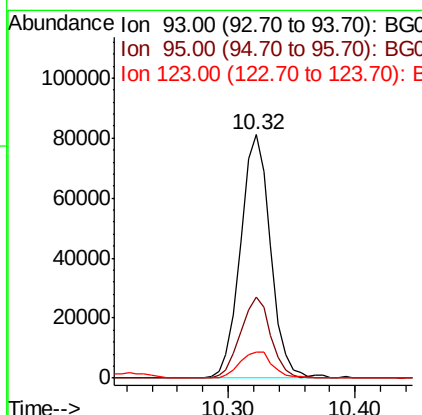
Manual Integrations
APPROVED

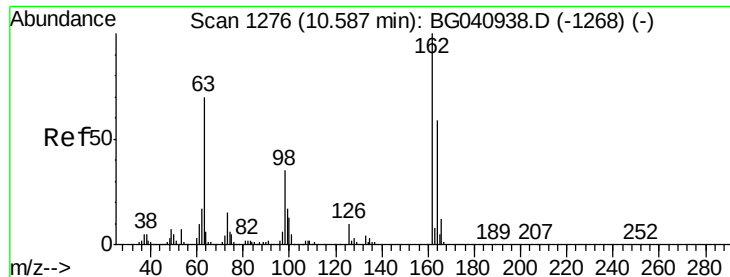
mohammad
6/14/2019 8:38:32 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.314 ng
RT: 10.32 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.2
123	10.8	9.5	14.3





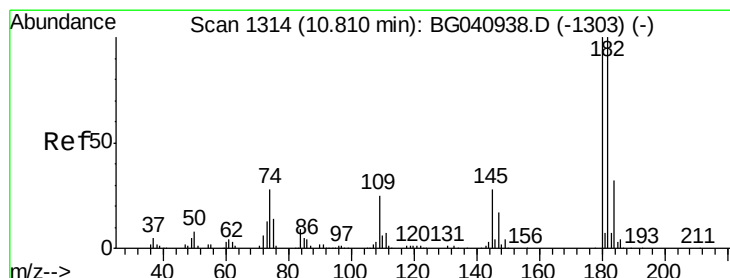
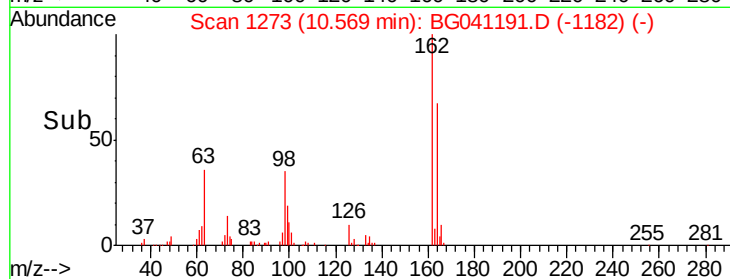
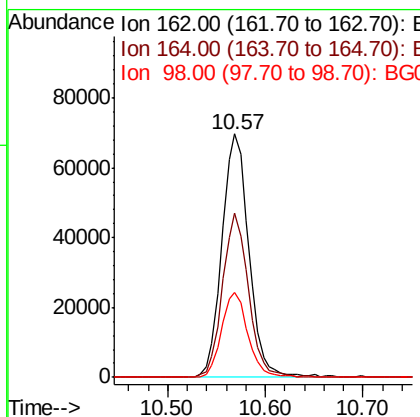
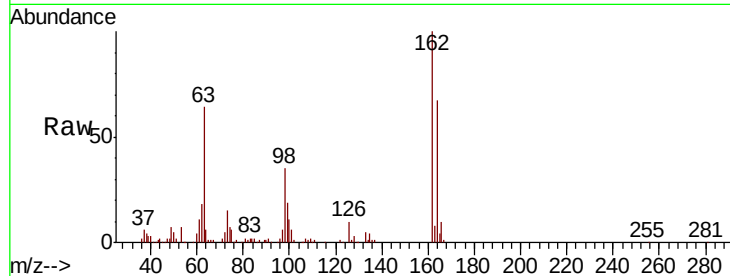
#29
2,4-Dichlorophenol
Concen: 49.367 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	133248		
164	67.5	39.4	79.4	
98	34.7	15.3	55.3	

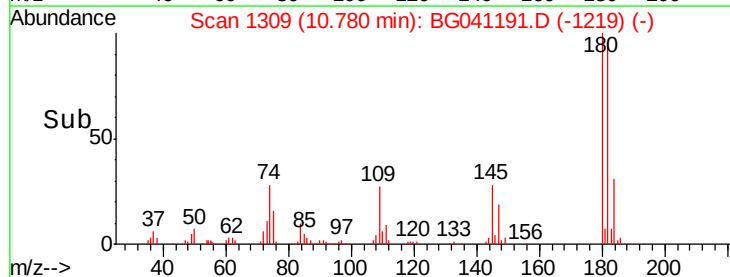
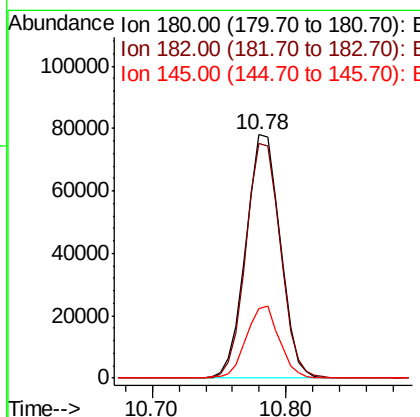
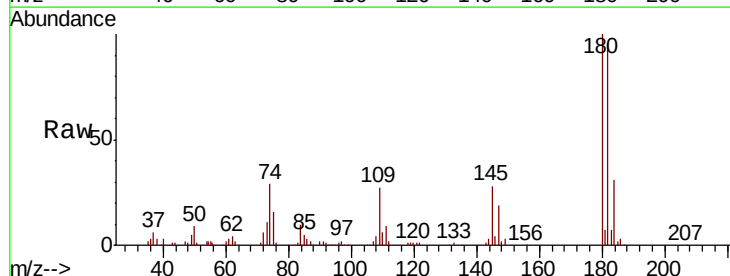
Manual Integrations
APPROVED

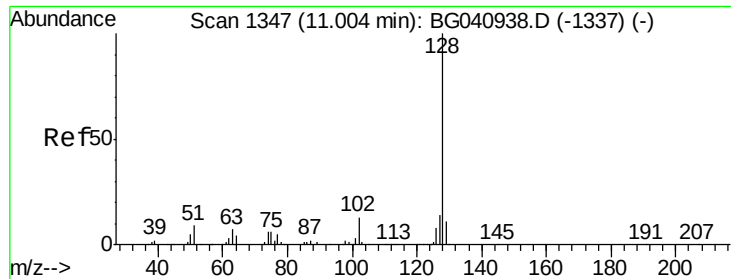
mohammad
6/14/2019 8:38:32 AM



#30
1,2,4-Trichlorobenzene
Concen: 45.211 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	138821		
182	96.2	79.7	119.5	
145	28.3	22.6	34.0	





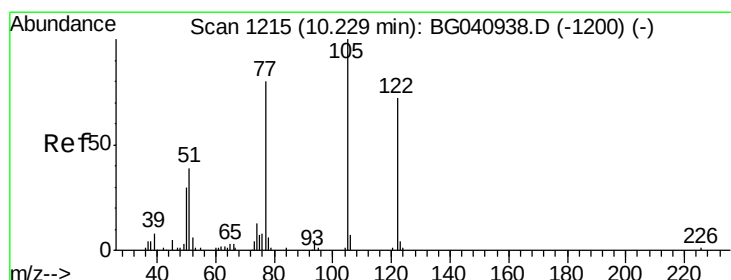
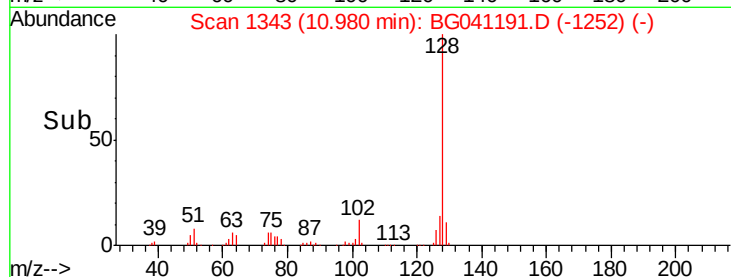
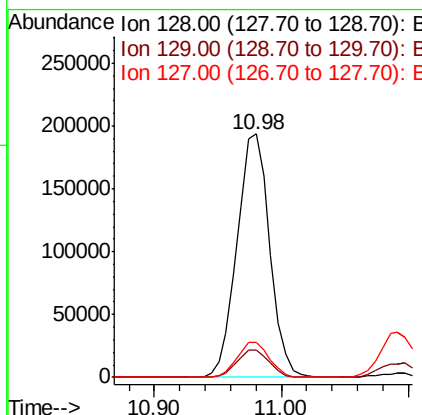
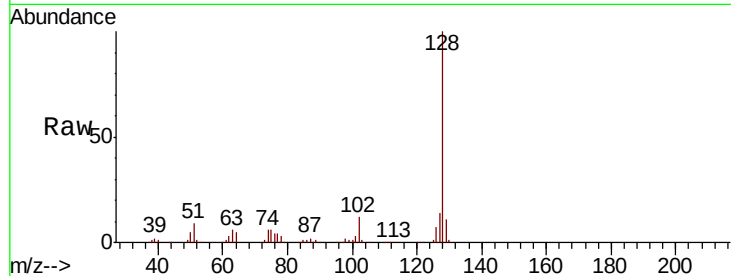
#31
Naphthalene
Concen: 47.435 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	14.2	11.4	17.2

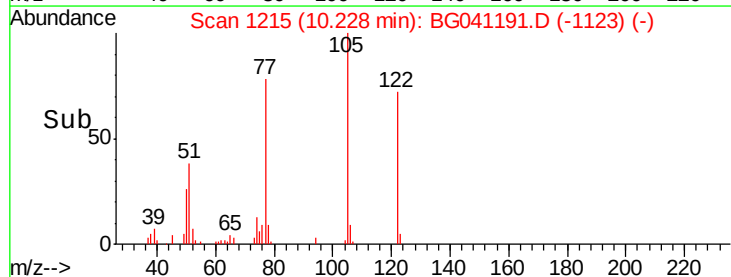
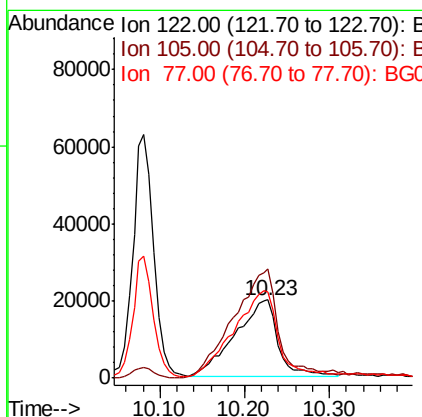
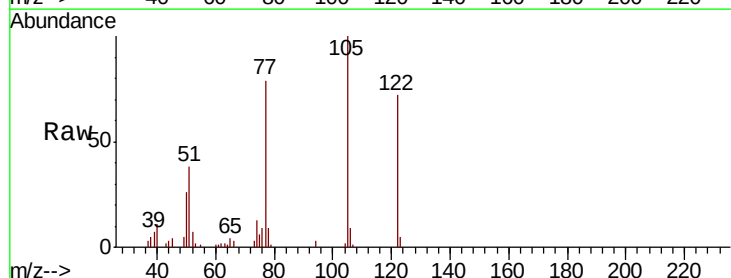
Manual Integrations
APPROVED

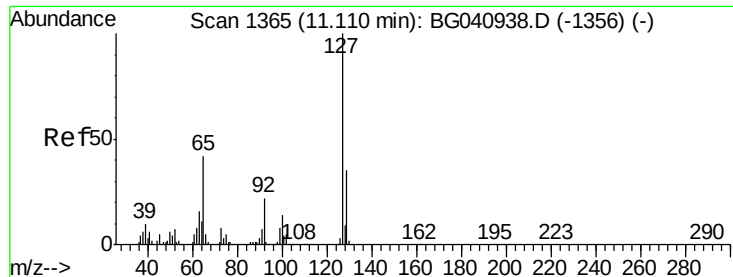
mohammad
6/14/2019 8:38:32 AM



#32
Benzoic acid
Concen: 43.362 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.5	114.8	154.8
77	109.5	89.9	129.9





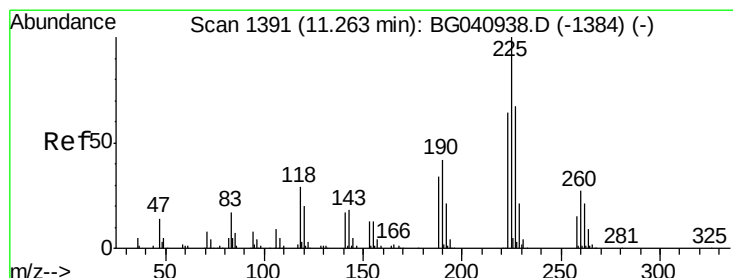
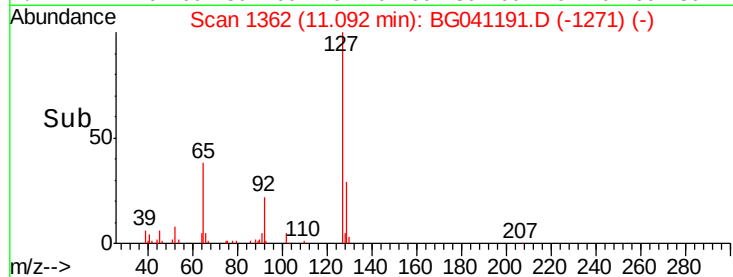
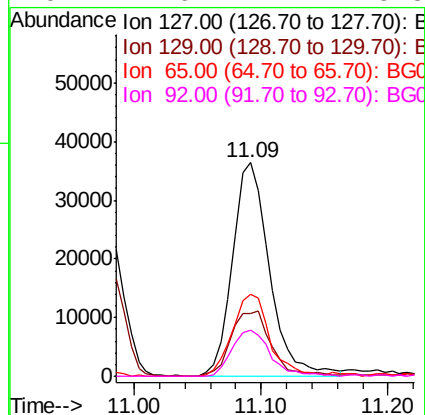
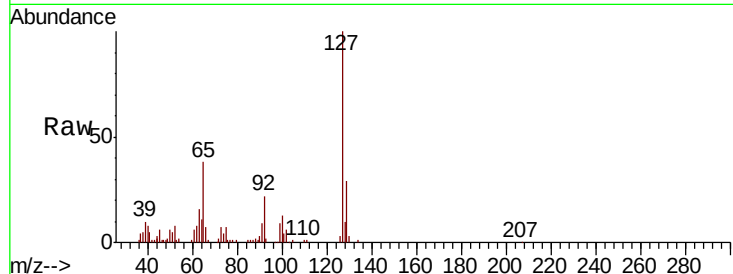
#33
4-Chloroaniline
Concen: 21.674 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.1	27.7	41.5
65	38.3	33.2	49.8
92	21.6	17.2	25.8

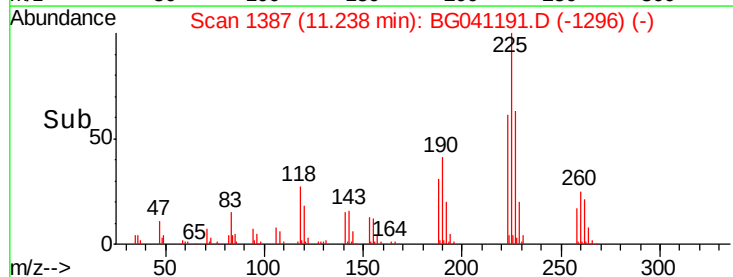
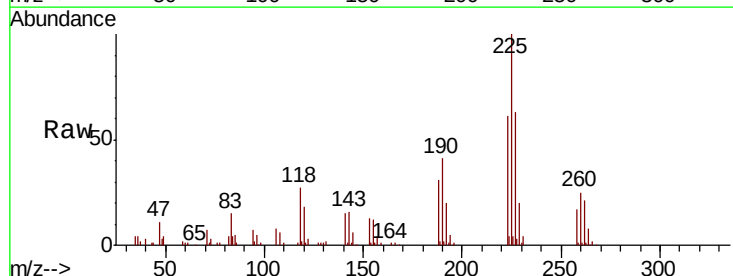
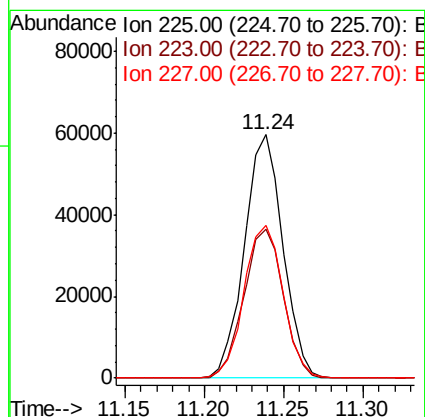
Manual Integrations
APPROVED

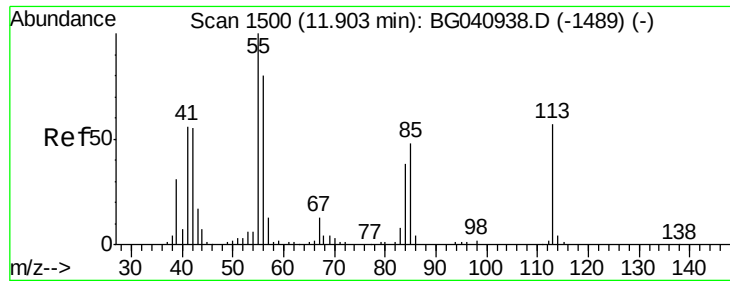
mohammad
6/14/2019 8:38:32 AM



#34
Hexachlorobutadiene
Concen: 42.770 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	48.8	73.2
227	62.5	51.4	77.0





#35

Caprolactam

Concen: 45.234 ng

RT: 11.88 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

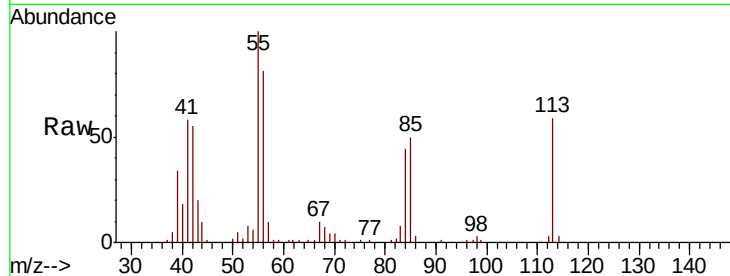
ClientSampleId :

IDOC-BS-W04-RC

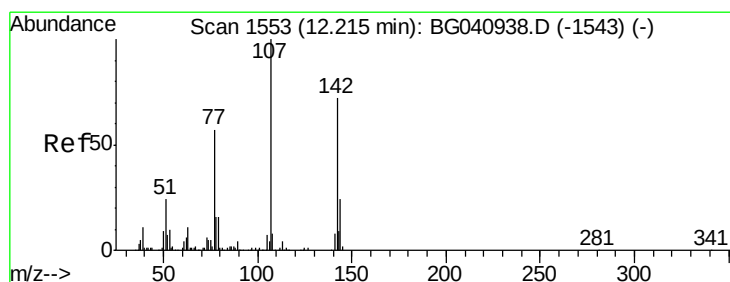
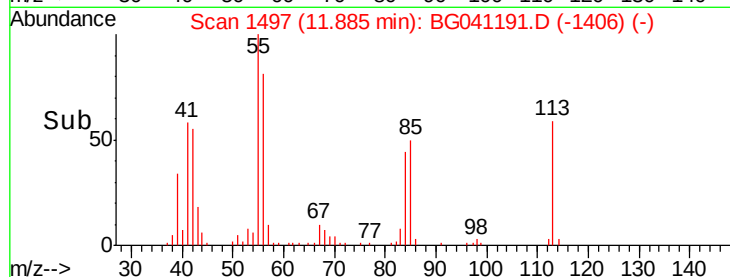
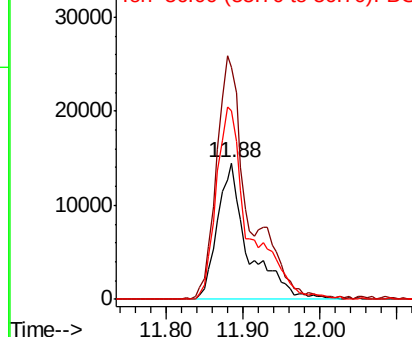
Tot Ion:	113	Resp:	40318
Ion Ratio	Lower	Upper	
113	100		
55	169.6	155.9	195.9
56	138.1	119.9	159.9

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 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: 49.150 ng

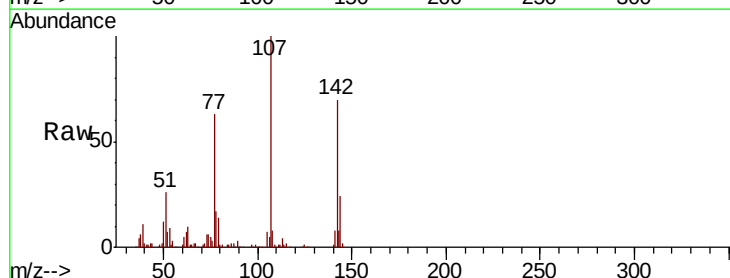
RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

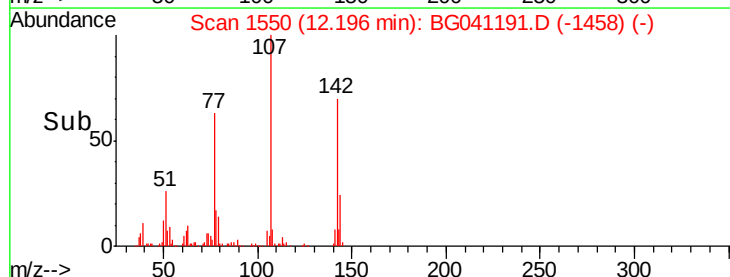
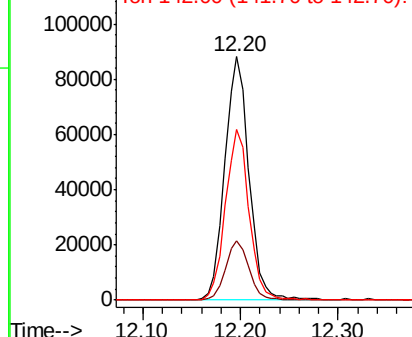
Lab File: BG041191.D

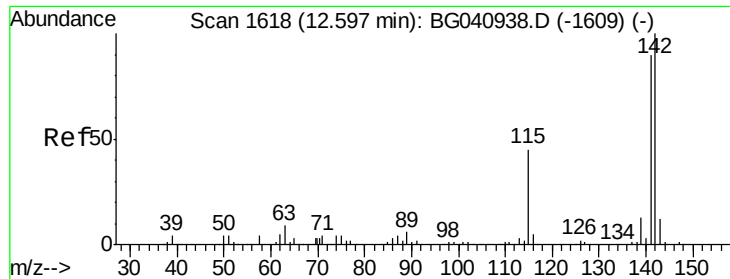
Acq: 11 Jun 2019 16:05

Tgt Ion:	107	Resp:	151509
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.4	29.0
142	70.2	57.3	85.9



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





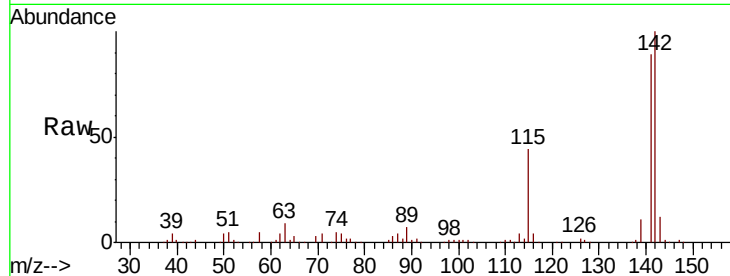
#37
2-Methylnaphthalene
Concen: 48.074 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.2	108.4
115	44.1	36.2	54.4

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM

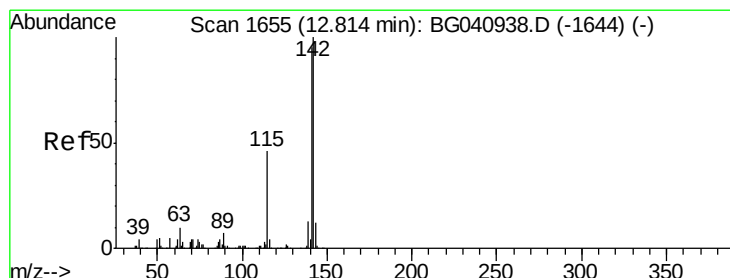
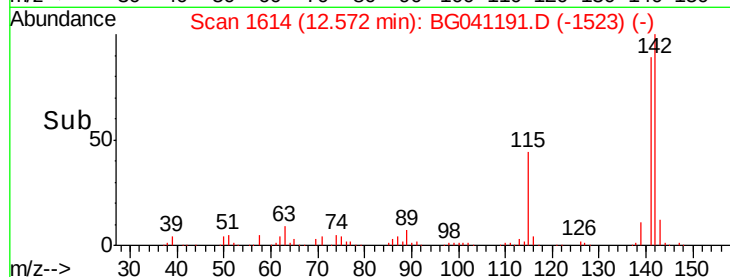
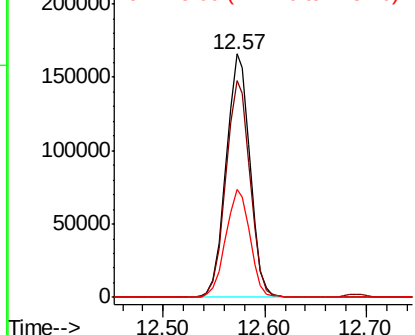


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.978 ng m
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

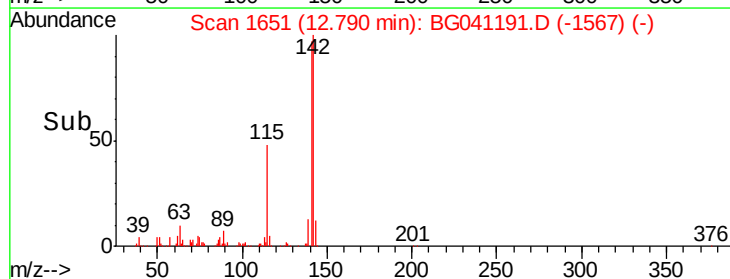
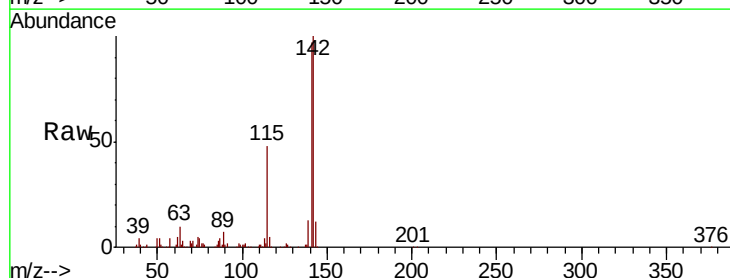
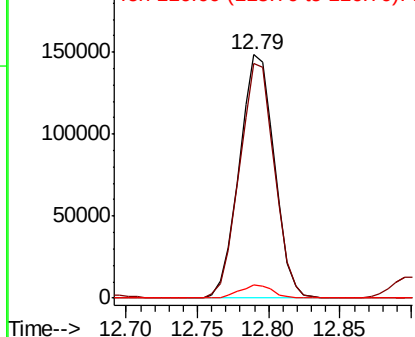
Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.6	75.7	113.5
116	5.2	3.4	5.2#

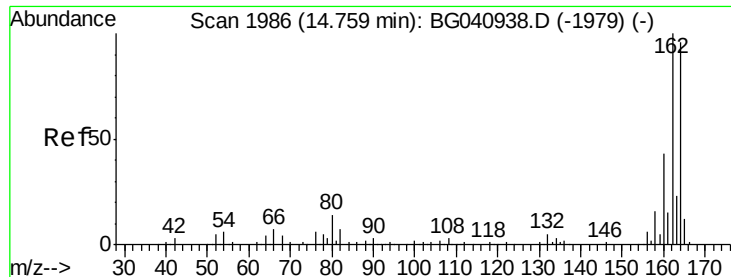
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

IDOC-BS-W04-RC

Tot Ion:164 Resp: 107726

Ion Ratio Lower Upper

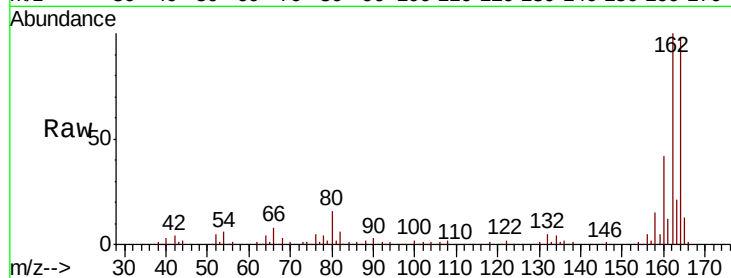
164 100

162 102.4 83.0 124.4

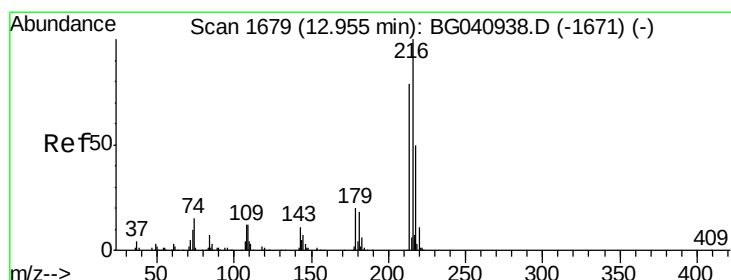
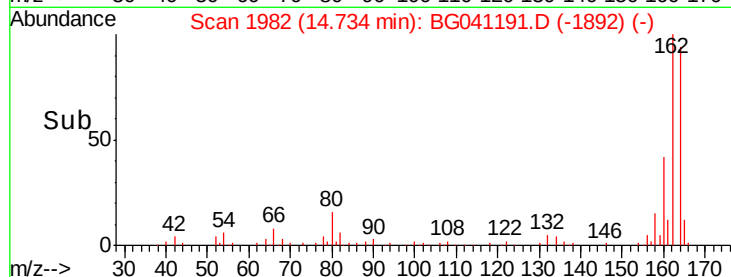
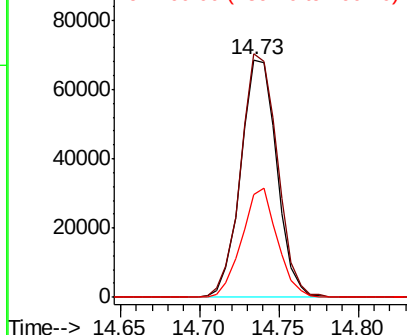
160 43.4 35.6 53.4

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.538 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion:216 Resp: 197722

Ion Ratio Lower Upper

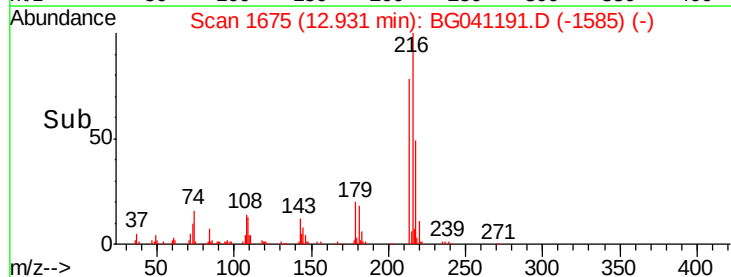
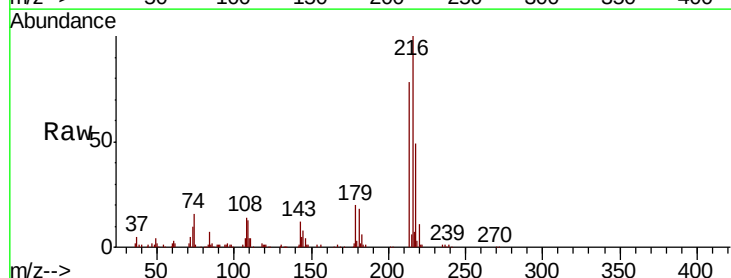
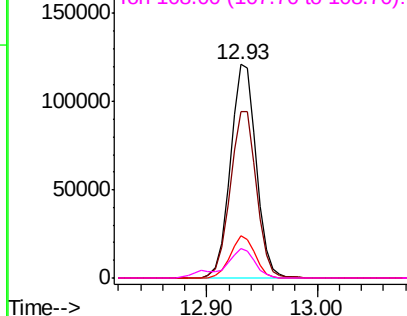
216 100

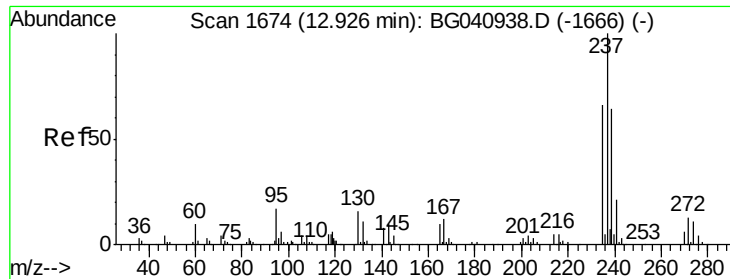
214 79.7 63.4 95.2

179 19.1 15.2 22.8

108 16.2 11.4 17.2

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





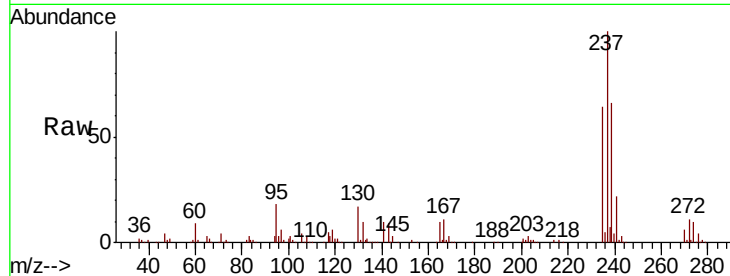
#41
Hexachlorocyclopentadiene
Concen: 90.968 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

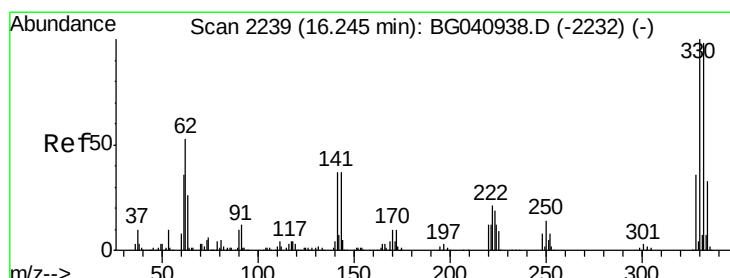
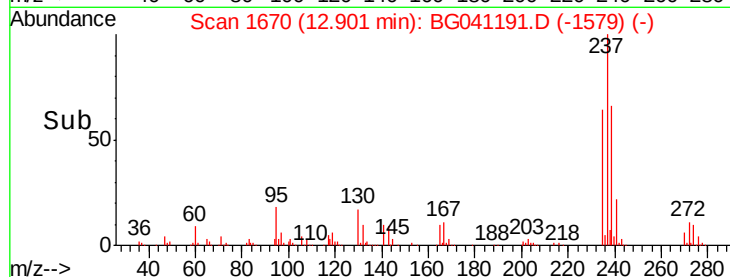
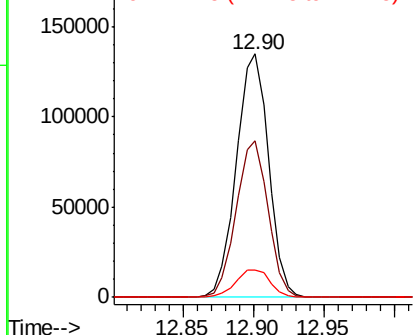
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.3	45.5	85.5
272	11.3	0.0	32.9

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM

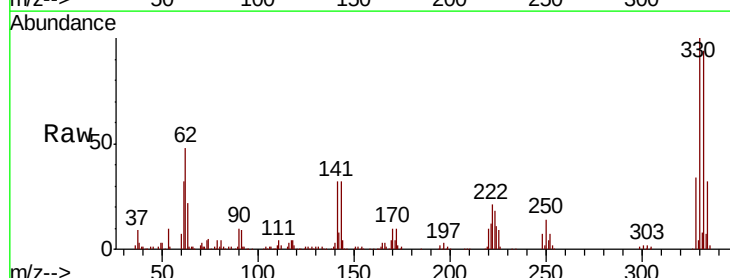


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

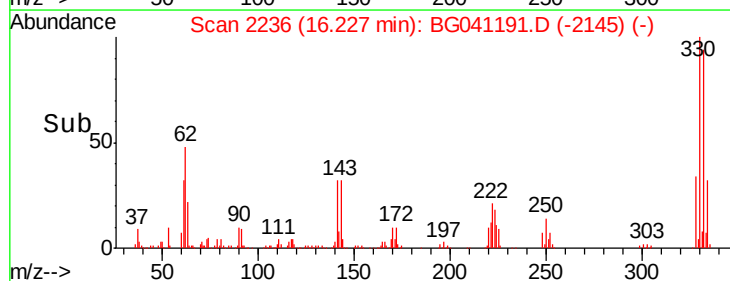
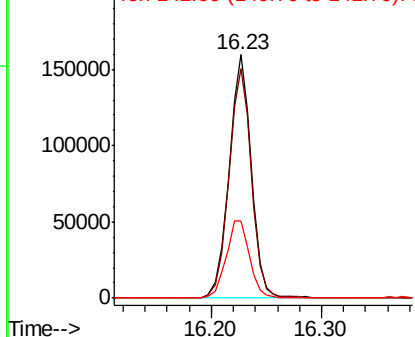


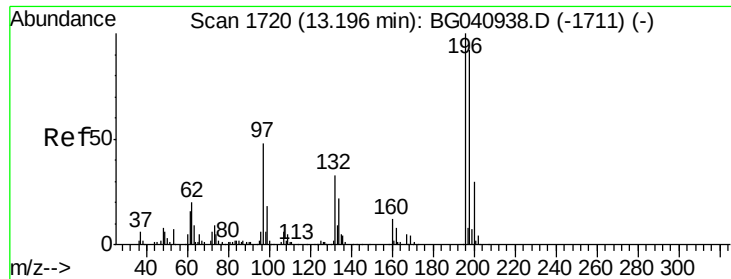
#42
2,4,6-Tribromophenol
Concen: 139.982 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.3	78.5	117.7
141	34.0	28.7	43.1



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





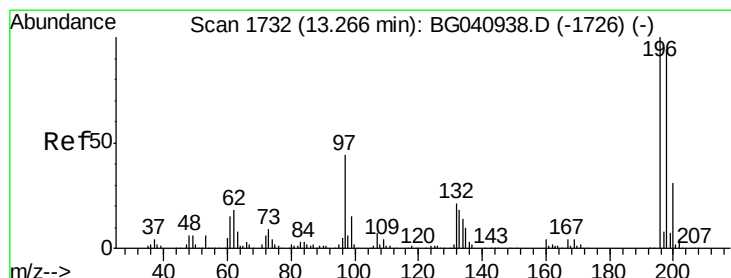
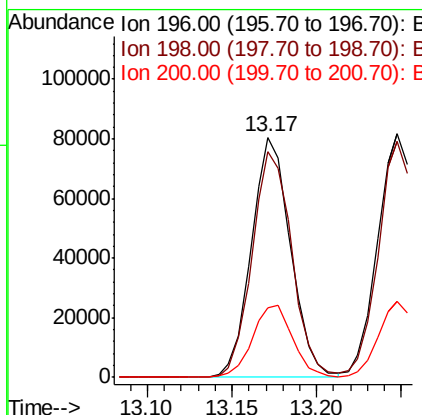
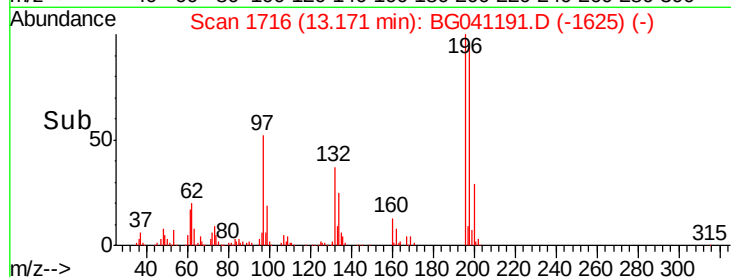
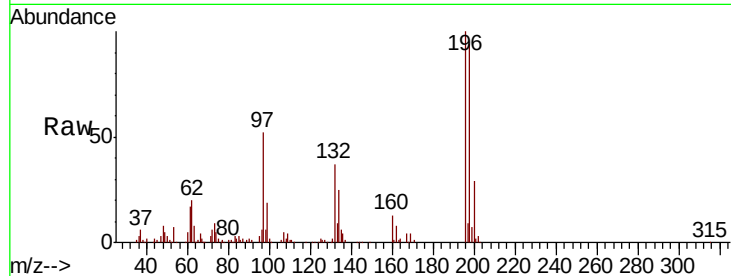
#43
 2,4,6-Trichlorophenol
 Concen: 46.068 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	73.8	110.6
200	29.2	24.1	36.1

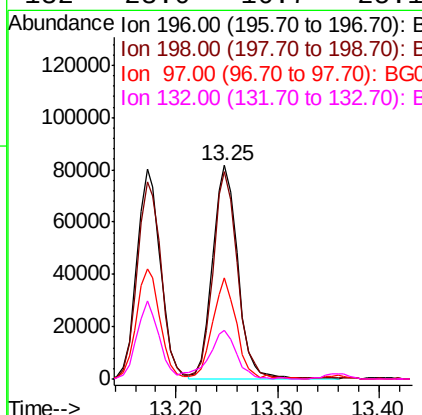
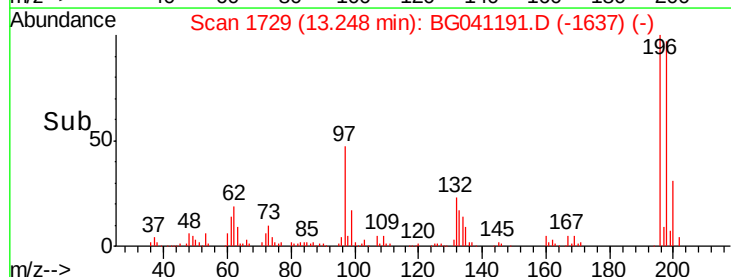
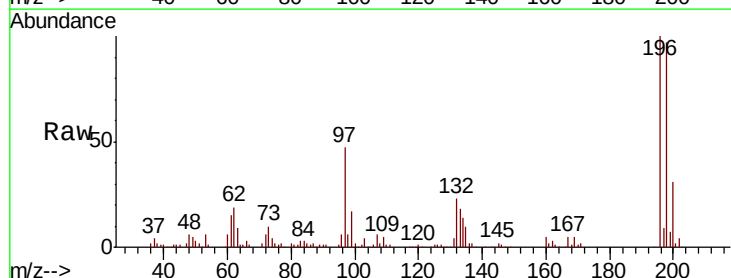
Manual Integrations
 APPROVED

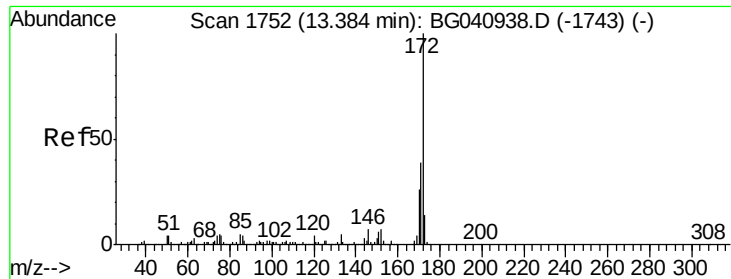
mohammad
 6/14/2019 8:38:32 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.287 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.1	112.7
97	47.1	35.6	53.4
132	23.0	16.7	25.1





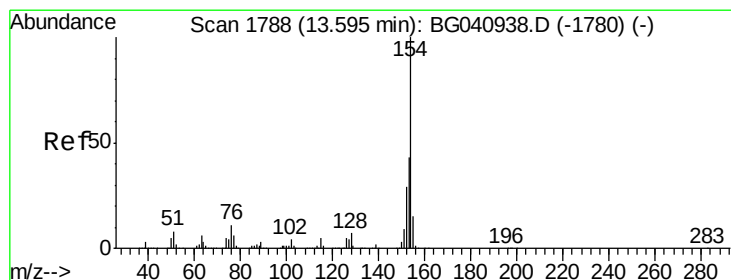
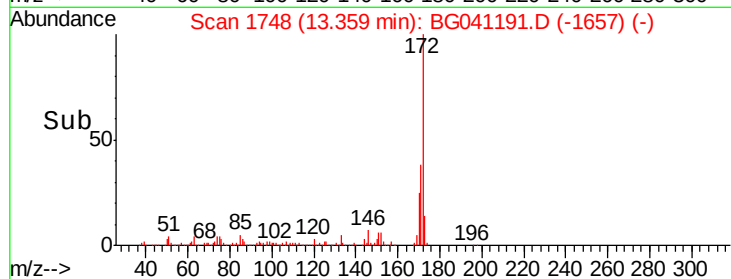
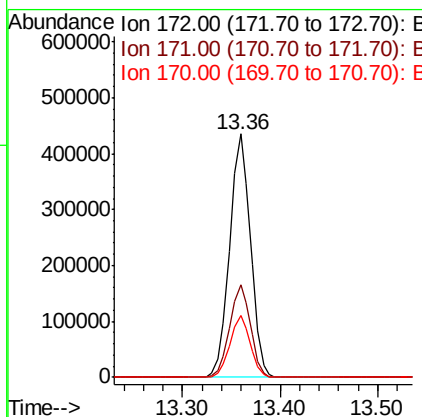
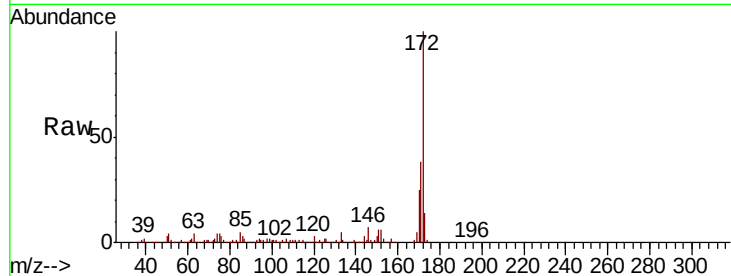
#45
2-Fluorobiphenyl
Concen: 86.164 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	25.3	20.5	30.7

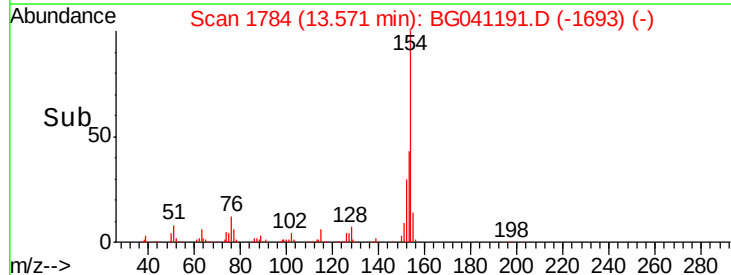
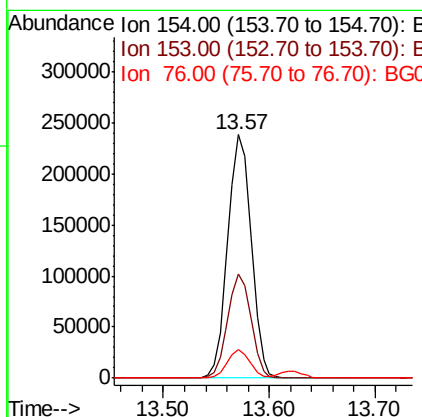
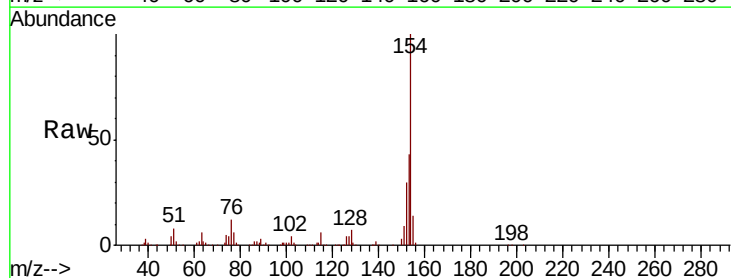
Manual Integrations
APPROVED

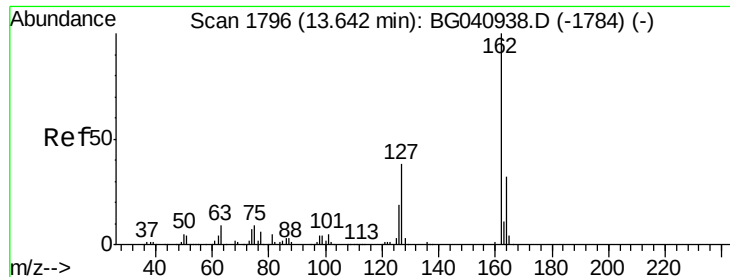
mohammad
6/14/2019 8:38:32 AM



#46
1,1'-Biphenyl
Concen: 46.089 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	23.3	63.3
76	11.6	0.0	31.1





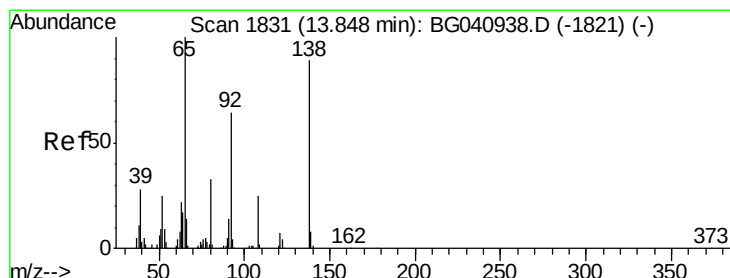
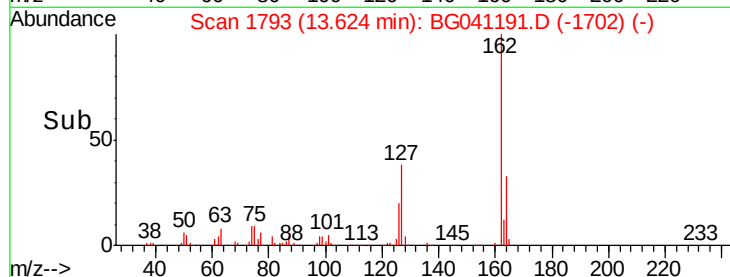
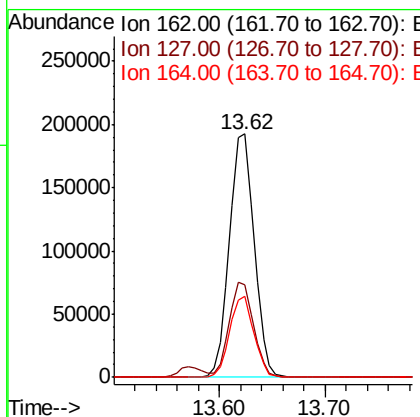
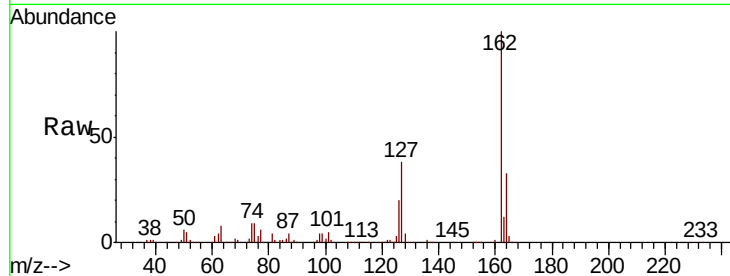
#47
 2-Chloronaphthalene
 Concen: 45.507 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.5	45.7
164	33.2	25.8	38.6

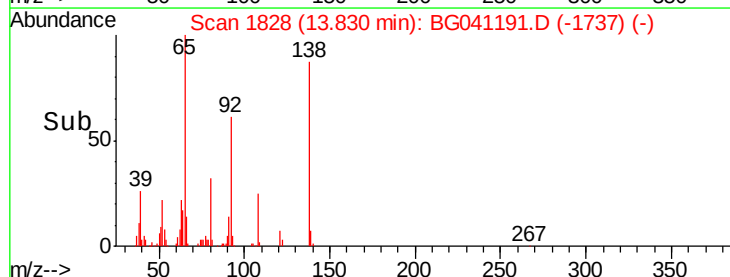
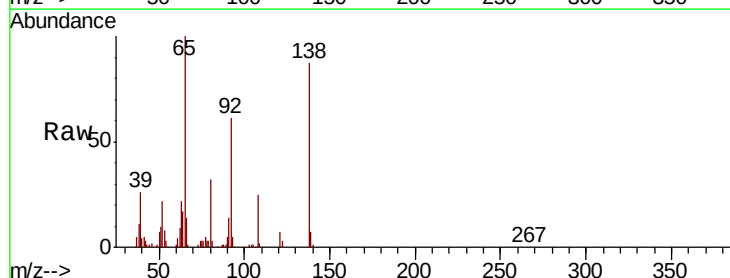
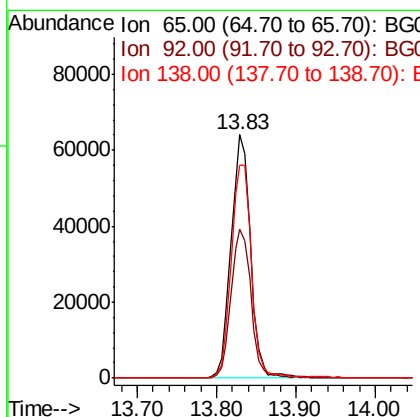
Manual Integrations
 APPROVED

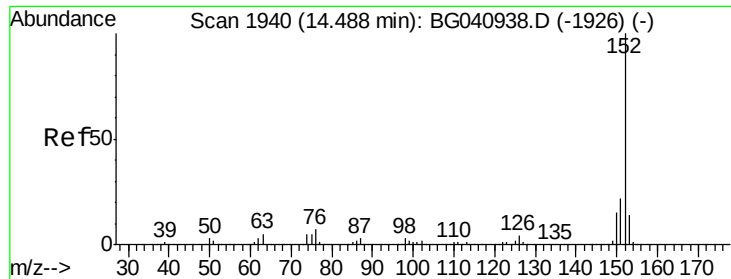
mohammad
 6/14/2019 8:38:32 AM



#48
 2-Nitroaniline
 Concen: 44.383 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.3	51.0	76.6
138	87.3	71.2	106.8





#49

Acenaphthylene

Concen: 46.830 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

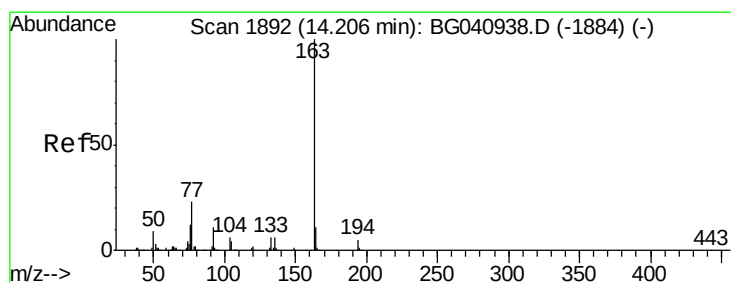
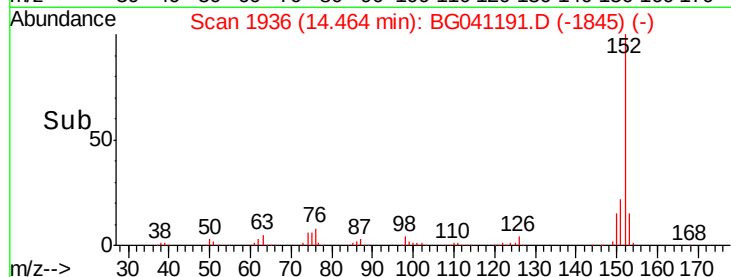
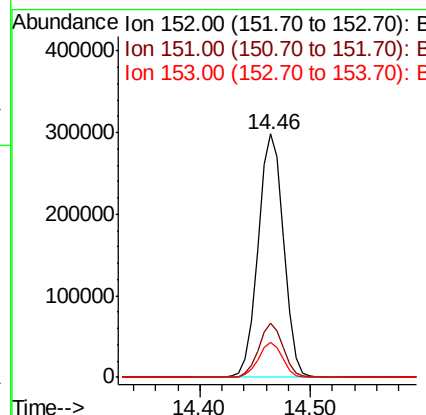
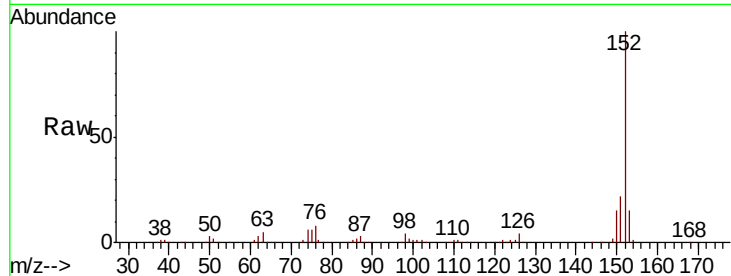
ClientSampleId :

IDOC-BS-W04-RC

Tot Ion:	152	Resp:	482489
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.4	26.0
153	14.5	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



#50

Dimethylphthalate

Concen: 43.566 ng

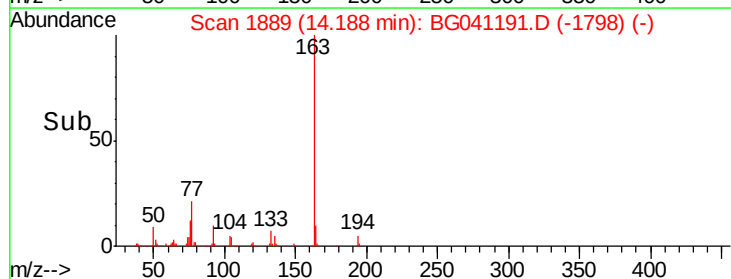
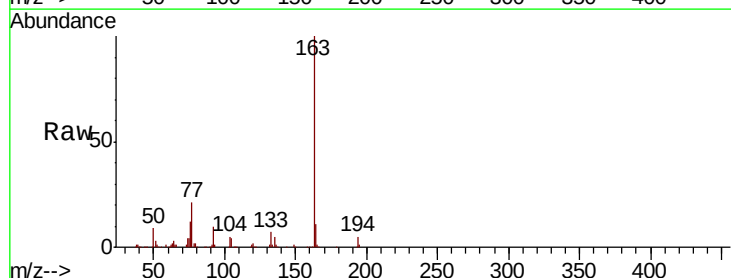
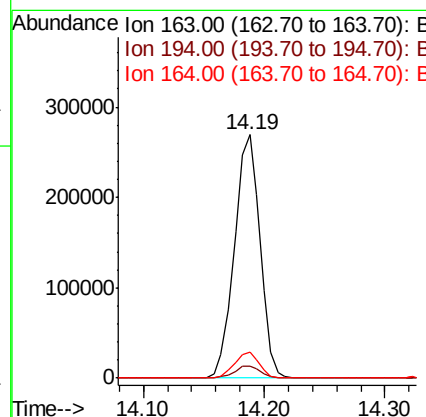
RT: 14.19 min Scan# 1889

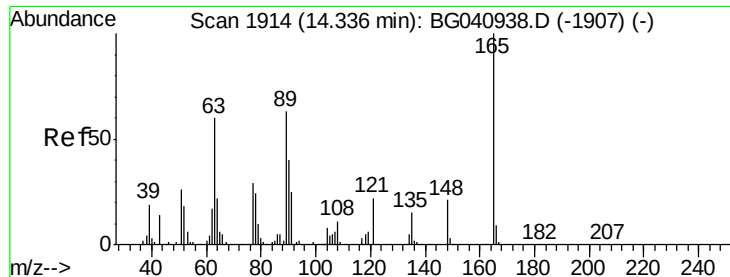
Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion:	163	Resp:	397279
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.8	5.8
164	10.7	8.7	13.1





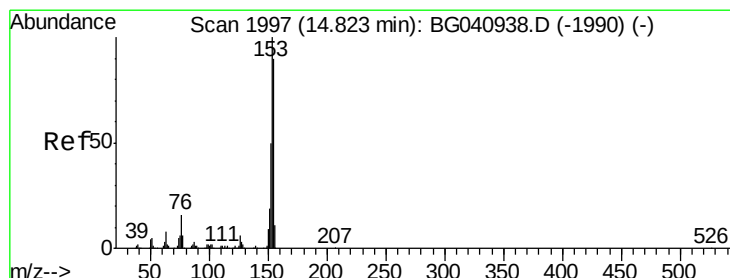
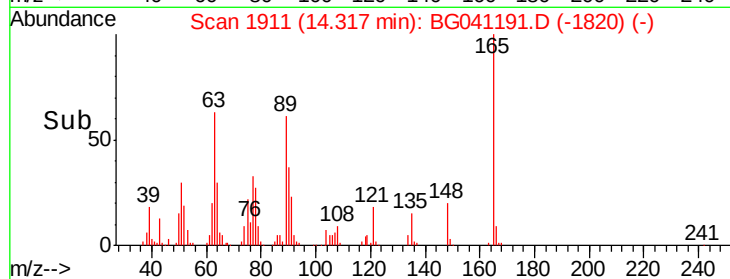
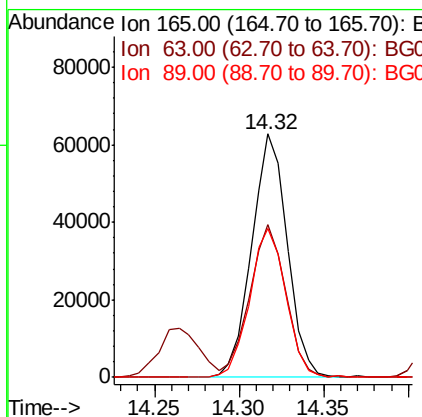
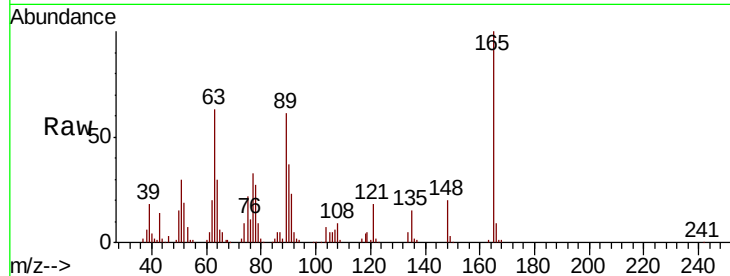
#51
 2,6-Dinitrotoluene
 Concen: 46.593 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-BS-W04-RC

Tot Ion:	165	Resp:	91608
Ion Ratio	Lower	Upper	
165	100		
63	62.6	53.6	80.4
89	61.3	50.4	75.6

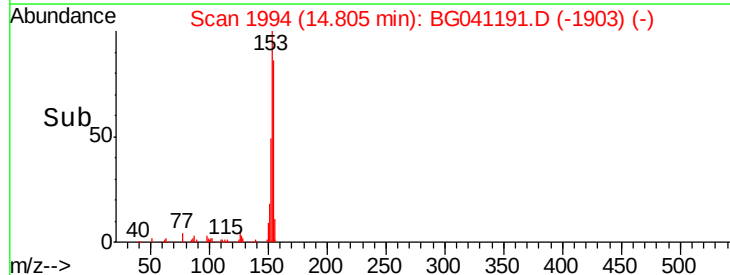
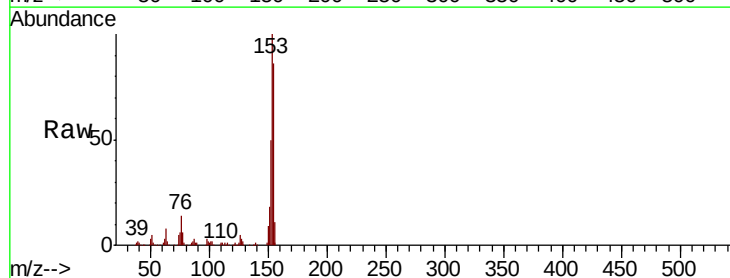
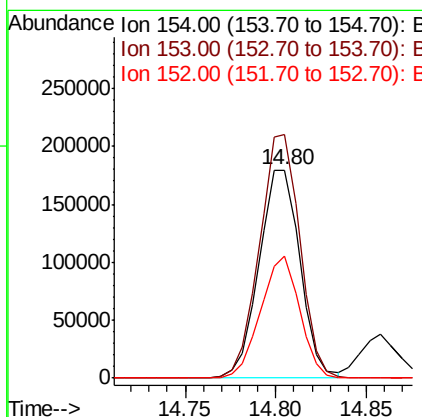
Manual Integrations
 APPROVED

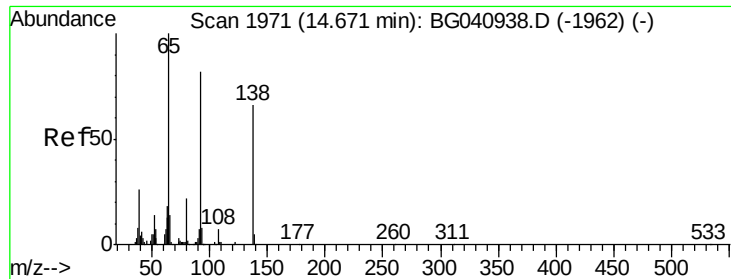
mohammad
 6/14/2019 8:38:32 AM



#52
 Acenaphthene
 Concen: 45.144 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion:	154	Resp:	281771
Ion Ratio	Lower	Upper	
154	100		
153	116.9	88.6	133.0
152	58.4	44.2	66.4





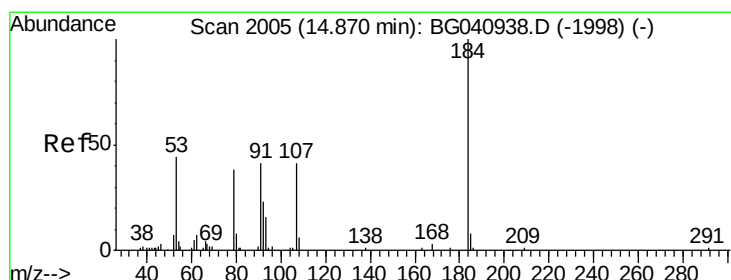
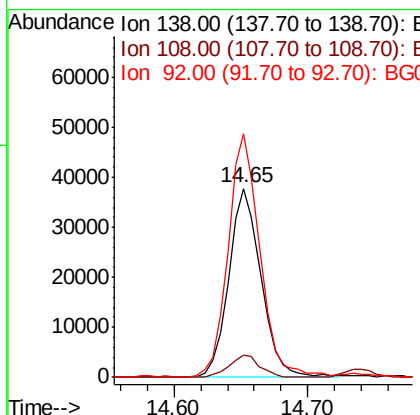
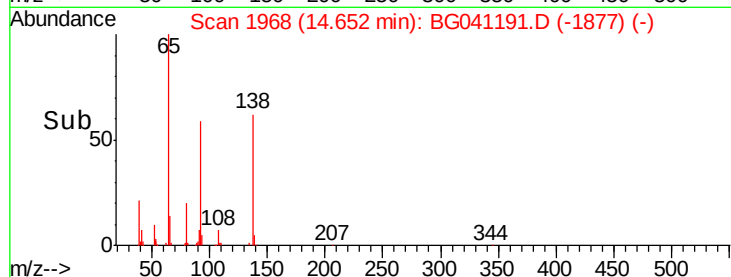
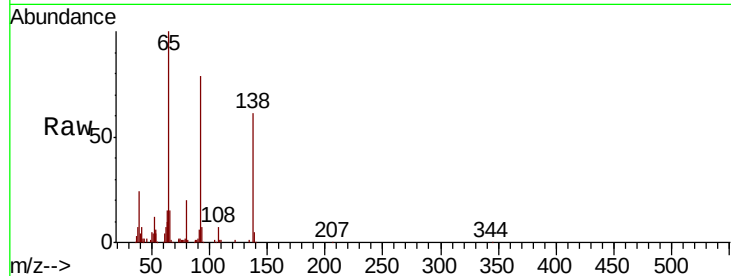
#53
3-Nitroaniline
Concen: 32.239 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	8.5	12.7
92	129.1	99.0	148.6

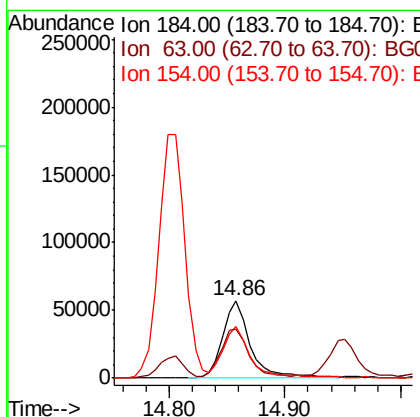
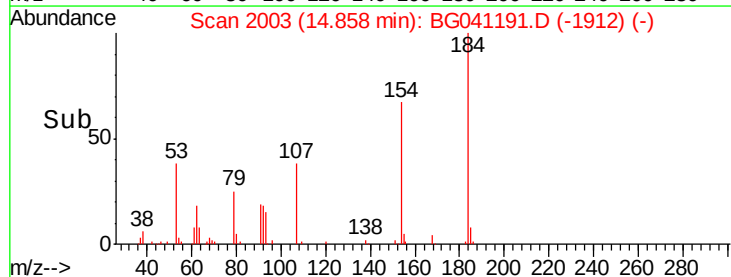
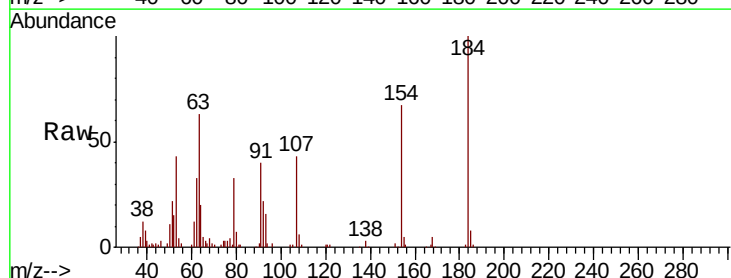
Manual Integrations
APPROVED

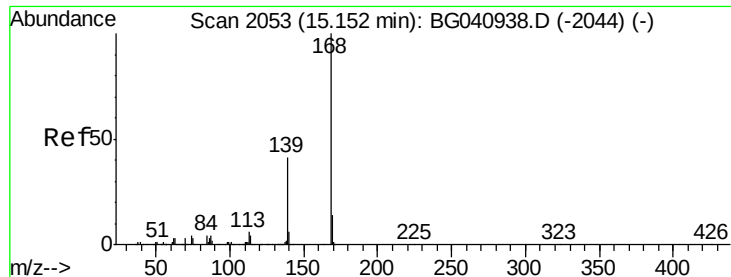
mohammad
6/14/2019 8:38:32 AM



#54
2,4-Dinitrophenol
Concen: 88.384 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.1	49.8	74.6
154	66.7	52.2	78.4





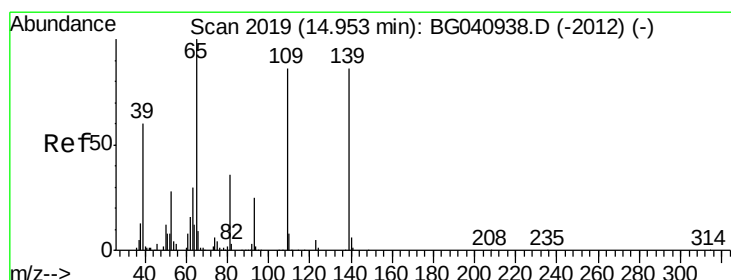
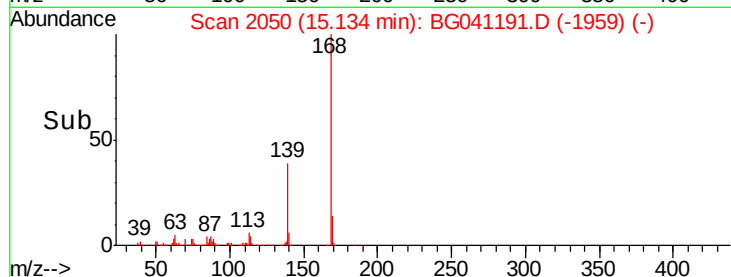
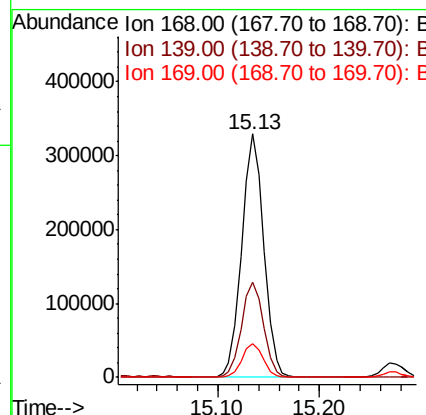
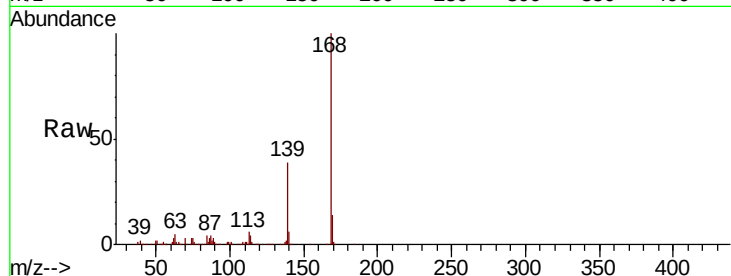
#55
Dibenzofuran
Concen: 47.238 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	32.8	49.2
169	13.7	11.3	16.9

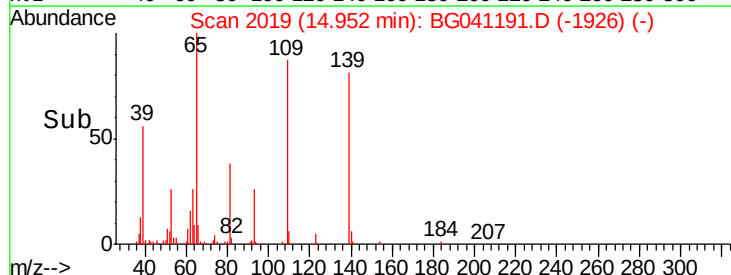
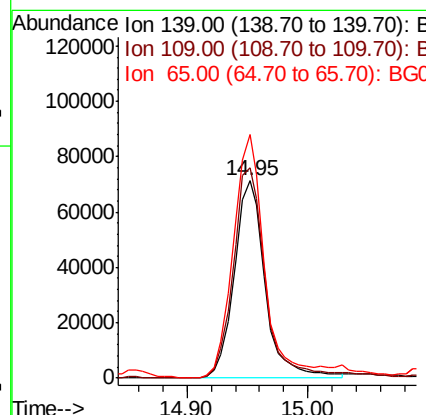
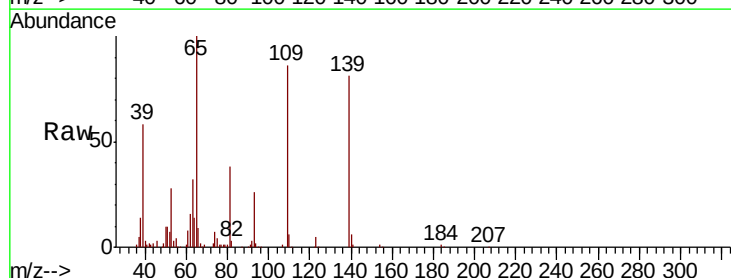
Manual Integrations
APPROVED

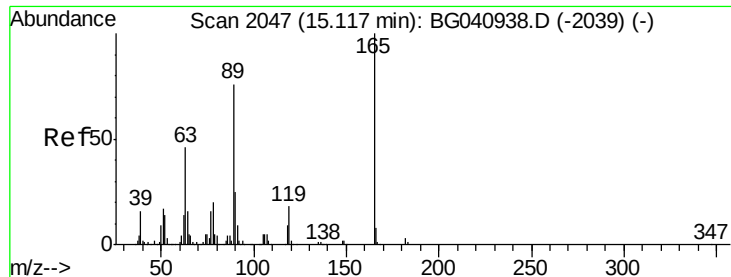
mohammad
6/14/2019 8:38:32 AM



#56
4-Nitrophenol
Concen: 94.662 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.7	79.6	119.6
65	123.4	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 46.097 ng

RT: 15.10 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

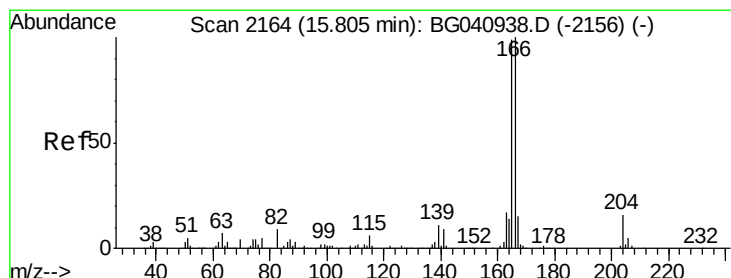
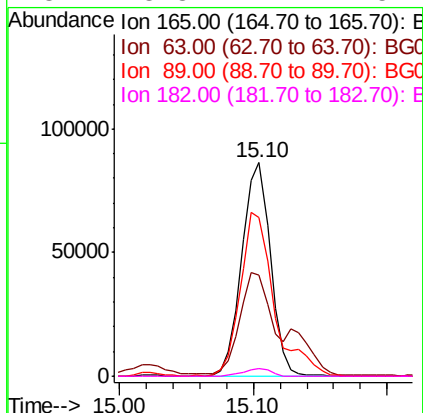
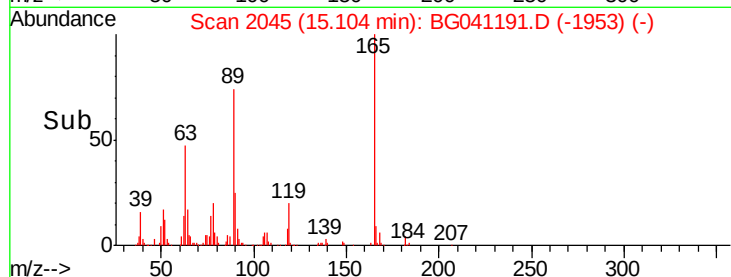
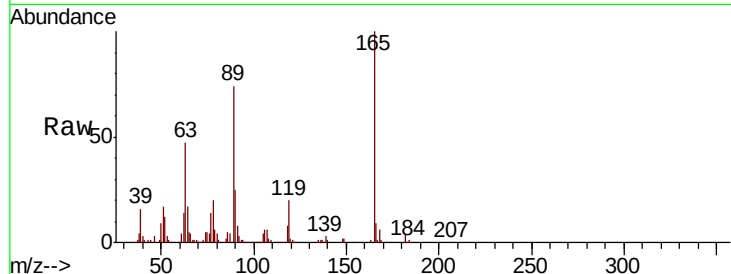
ClientSampleId :

IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.4	37.3	55.9
89	74.3	61.0	91.6
182	3.8	2.2	3.2#

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



#58

Fluorene

Concen: 46.372 ng

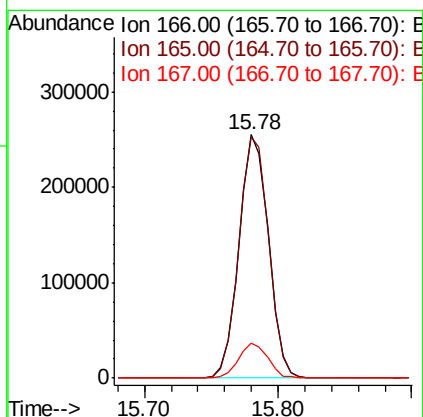
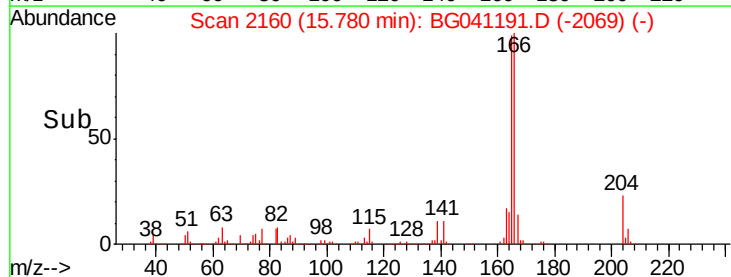
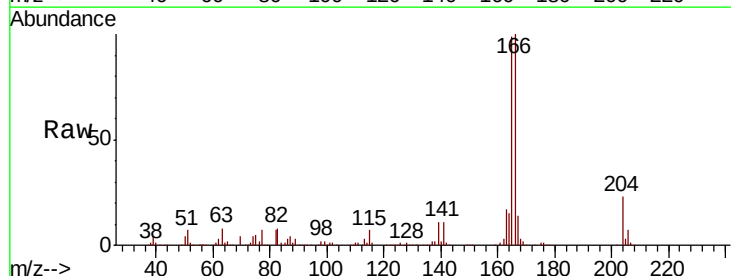
RT: 15.78 min Scan# 2160

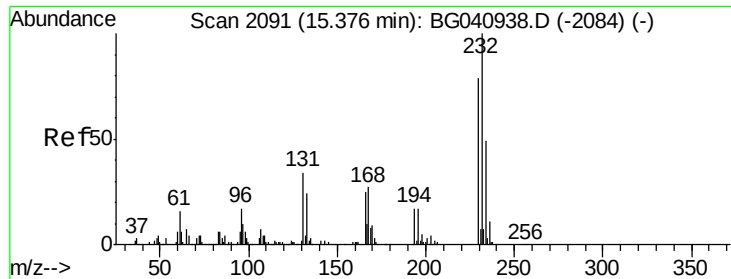
Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.2	118.8
167	14.4	11.8	17.6





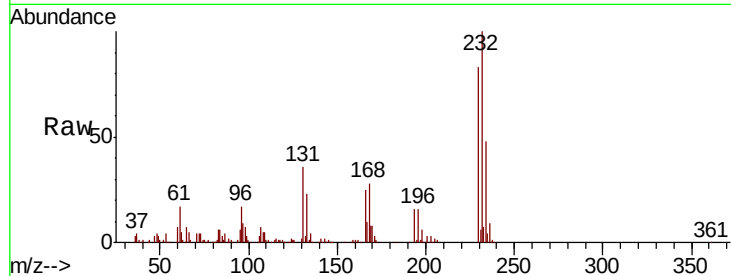
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.305 ng
RT: 15.36 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	37.0	30.3	45.5		
130	2.3	1.8	2.8		
166	25.0	21.3	31.9		

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



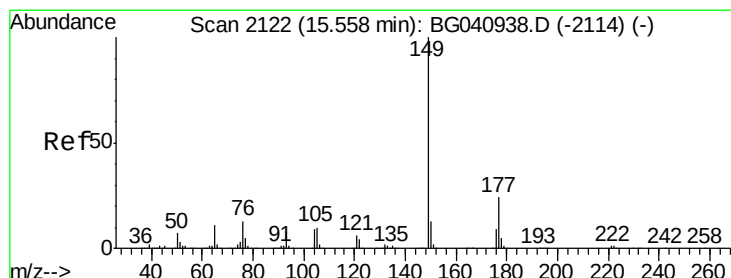
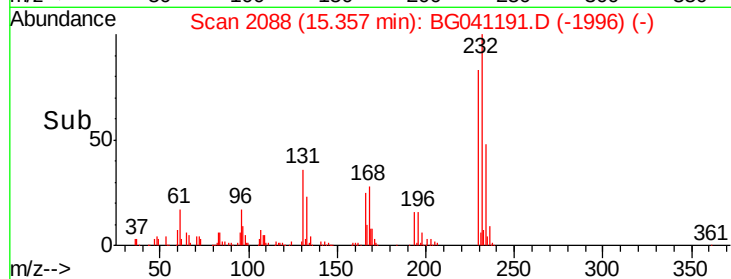
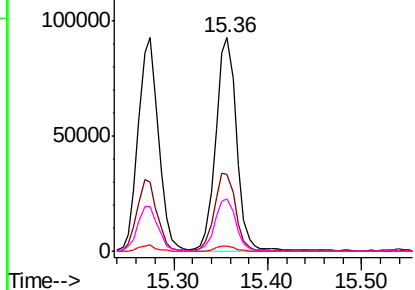
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

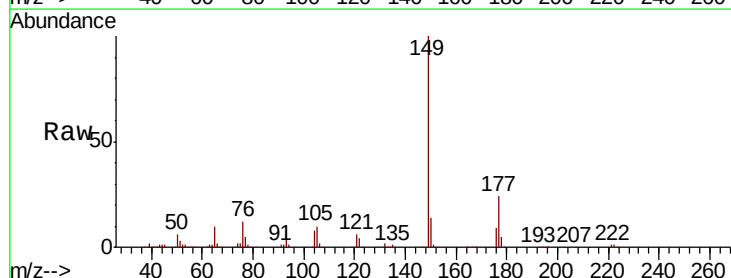
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.178 ng
RT: 15.54 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	24.2	19.4	29.0		
150	13.5	10.3	15.5		

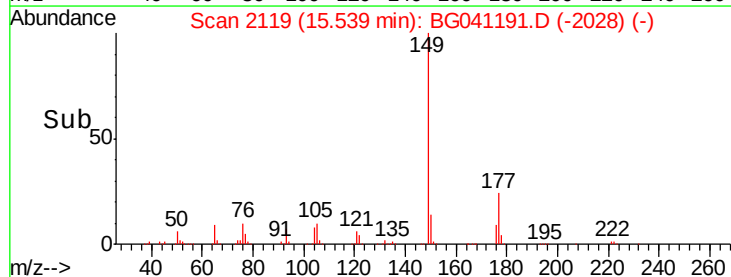
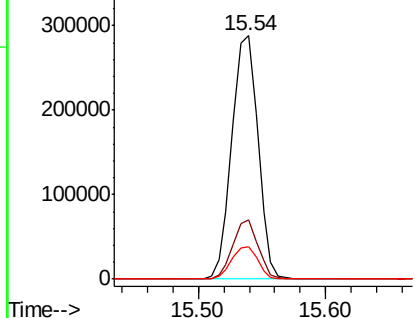


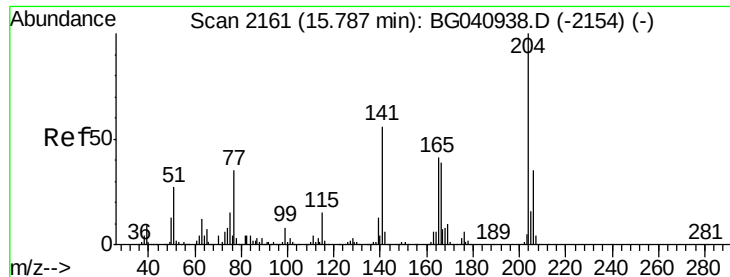
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





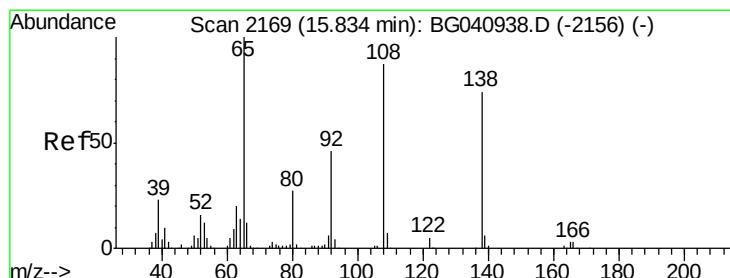
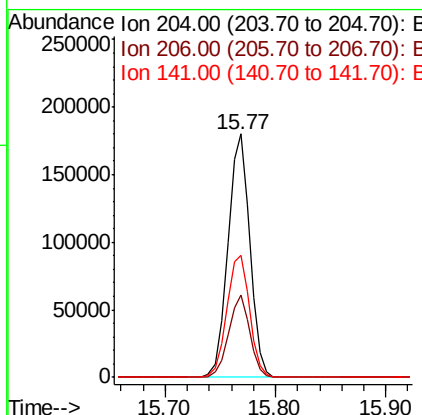
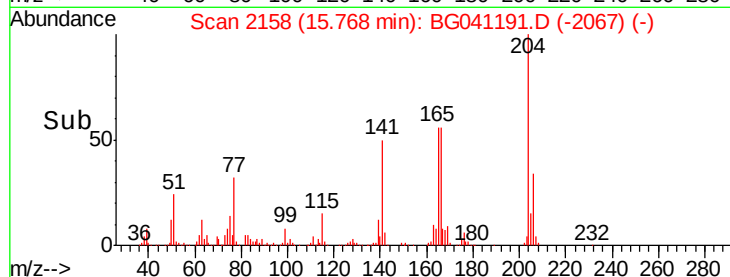
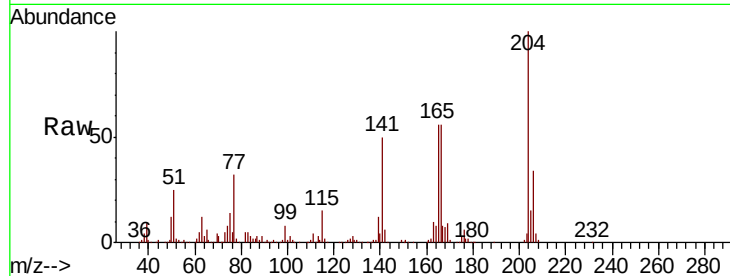
#61
4-Chlorophenyl-phenylether
Concen: 45.865 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.6	41.4
141	50.3	45.1	67.7

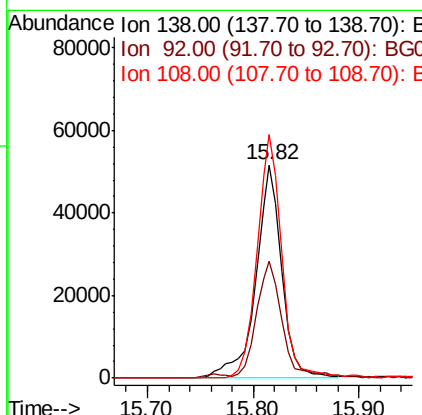
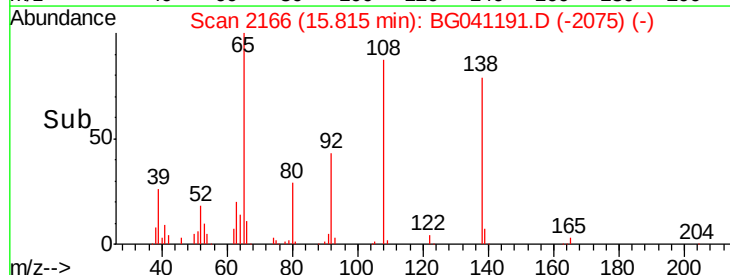
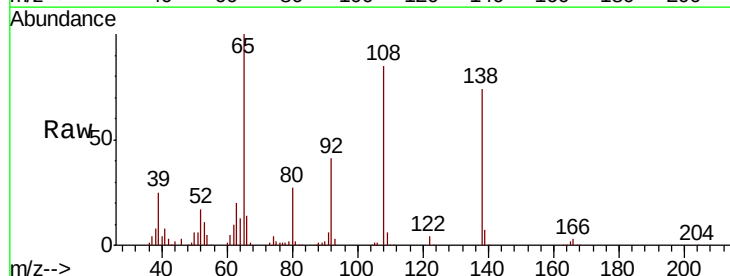
Manual Integrations
APPROVED

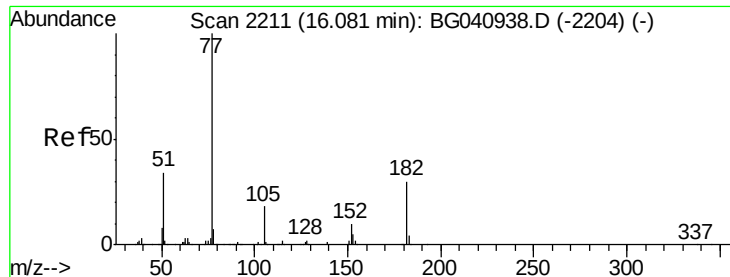
mohammad
6/14/2019 8:38:32 AM



#62
4-Nitroaniline
Concen: 42.439 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	42.4	82.4
108	114.2	96.9	136.9





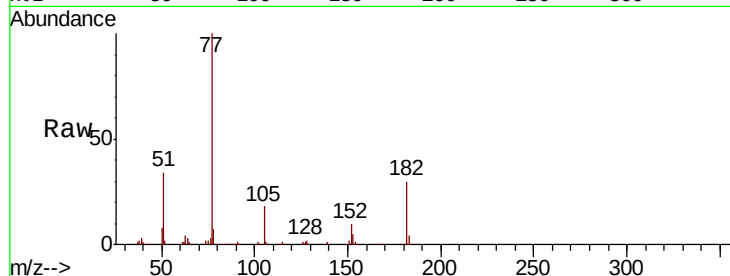
#63
Azobenzene
Concen: 45.733 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.8	9.6	49.6		
105	18.4	0.0	37.5		
51	33.7	13.7	53.7		

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



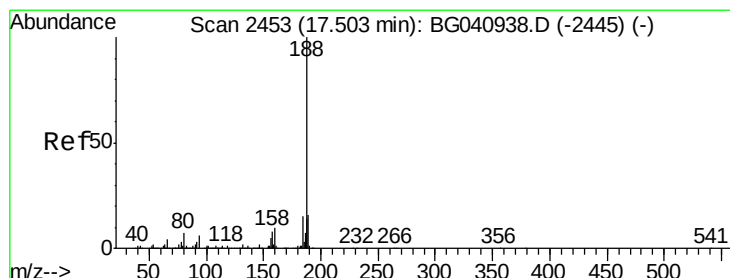
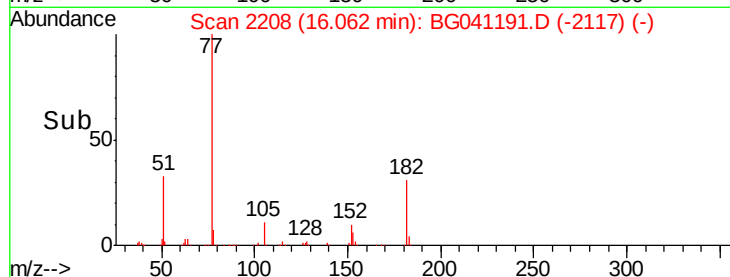
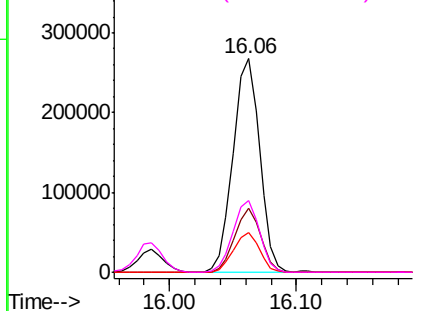
Abundance

Ion 77.00 (76.70 to 77.70): BG041191.D (-2117) (-)

Ion 182.00 (181.70 to 182.70): BG041191.D (-2117) (-)

Ion 105.00 (104.70 to 105.70): BG041191.D (-2117) (-)

Ion 51.00 (50.70 to 51.70): BG041191.D (-2117) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

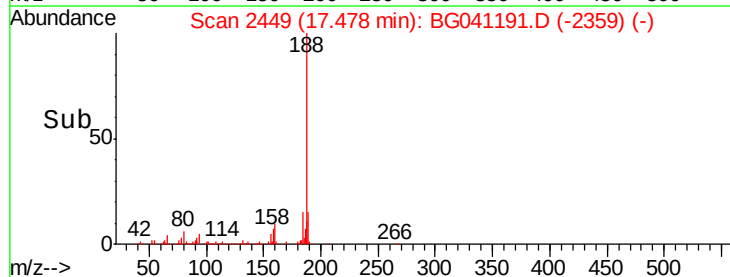
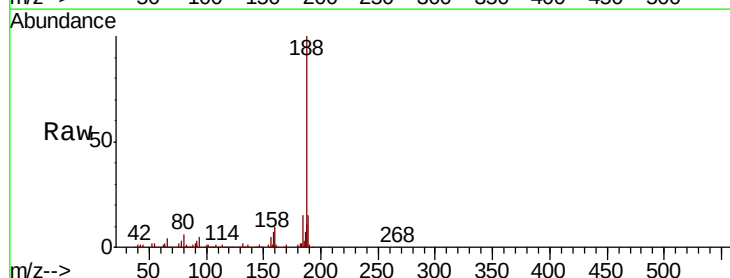
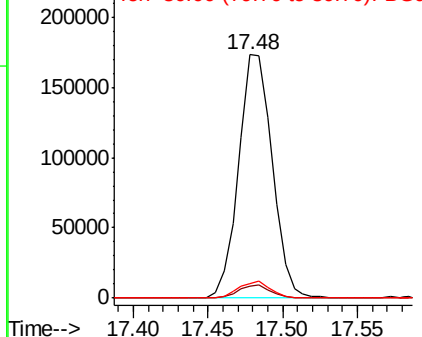
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	4.9	4.7	7.1		
80	6.0	5.8	8.8		

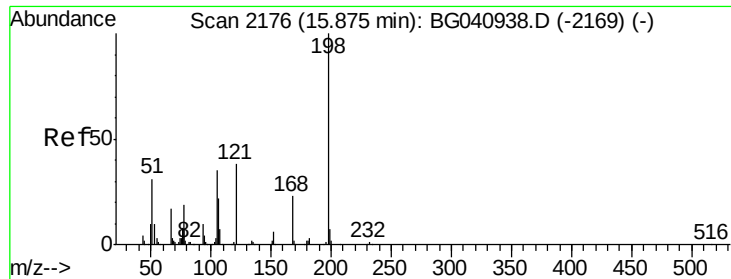
Abundance

Ion 188.00 (187.70 to 188.70): BG041191.D (-2359) (-)

Ion 94.00 (93.70 to 94.70): BG041191.D (-2359) (-)

Ion 80.00 (79.70 to 80.70): BG041191.D (-2359) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 50.167 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

IDOC-BS-W04-RC

Tot Ion:198 Resp: 73626

Ion Ratio Lower Upper

198 100

51 40.3 21.6 61.6

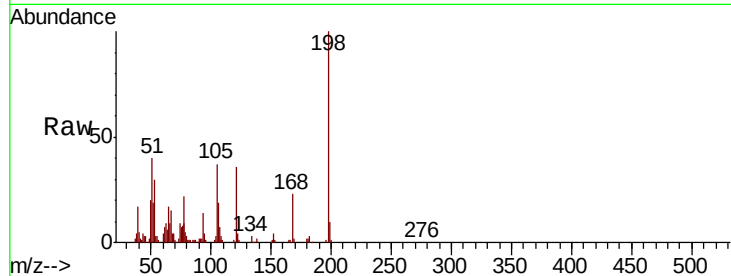
105 37.2 17.5 57.5

Manual Integrations

APPROVED

mohammad

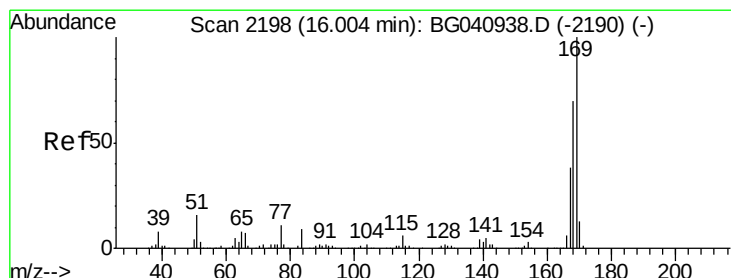
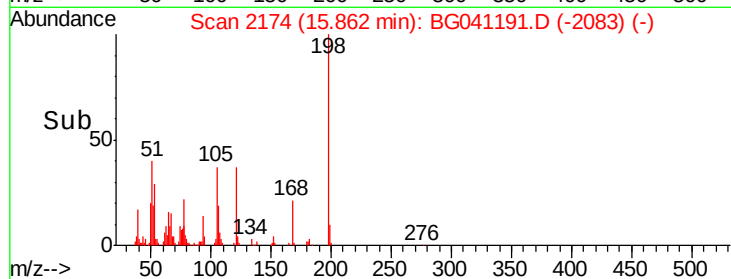
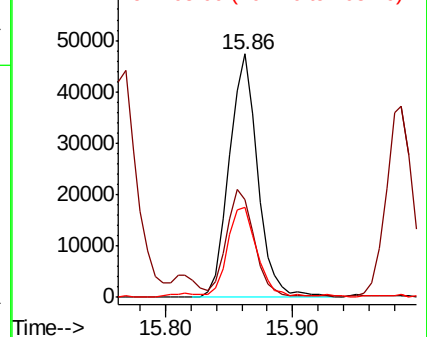
6/14/2019 8:38:32 AM



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: 46.189 ng

RT: 15.99 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

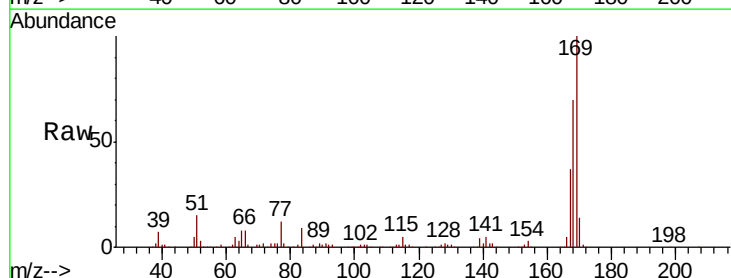
Tgt Ion:169 Resp: 352298

Ion Ratio Lower Upper

169 100

168 69.9 55.7 83.5

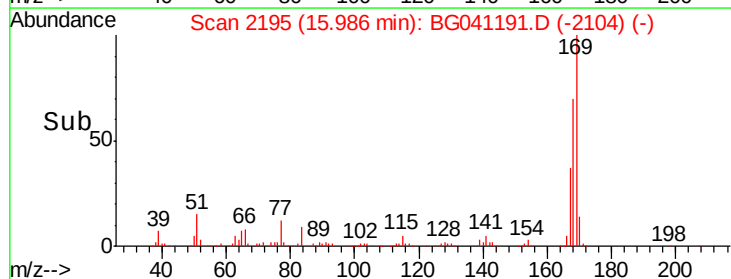
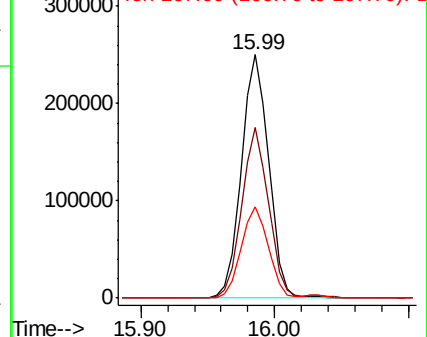
167 37.5 30.2 45.2

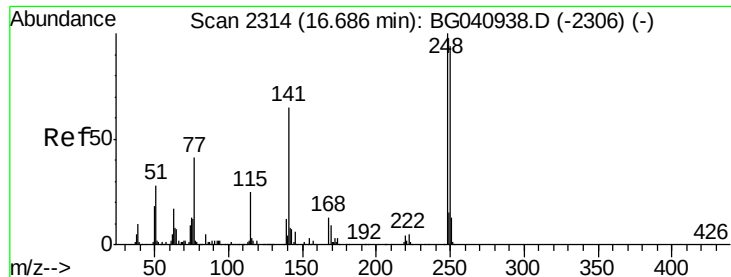


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 45.249 ng

RT: 16.66 min Scan# 2310

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

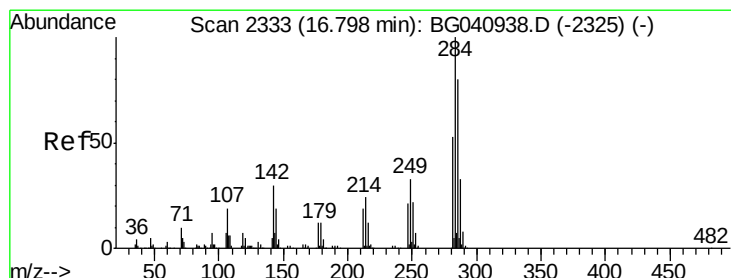
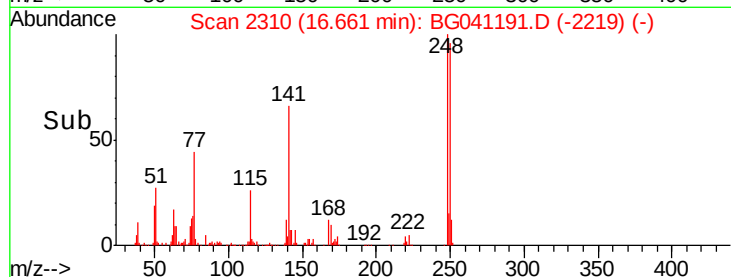
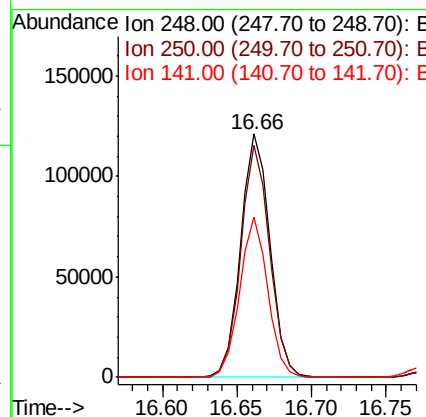
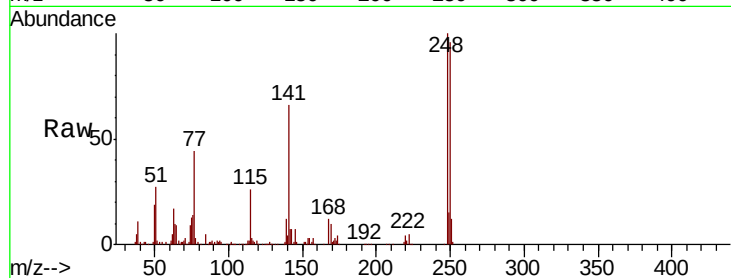
ClientSampleId :

IDOC-BS-W04-RC

Tot Ion:	248	Resp:	165687
Ion Ratio	Lower	Upper	
248	100		
250	95.6	75.0	112.4
141	65.8	52.4	78.6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



#68

Hexachlorobenzene

Concen: 43.111 ng

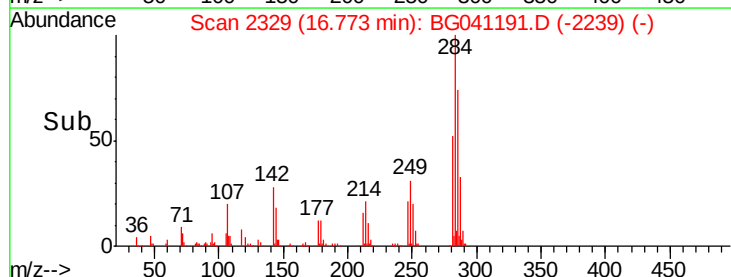
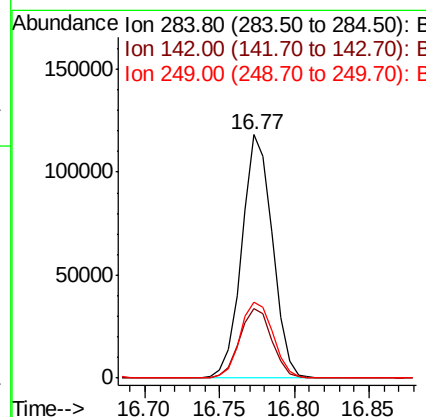
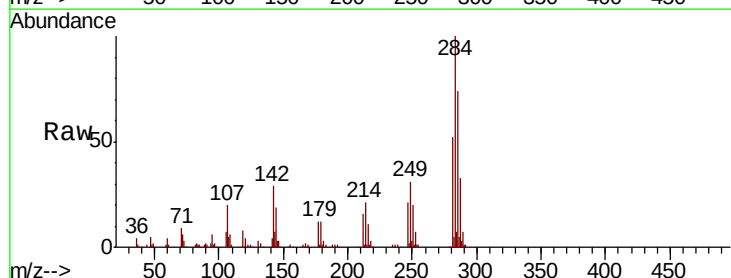
RT: 16.77 min Scan# 2329

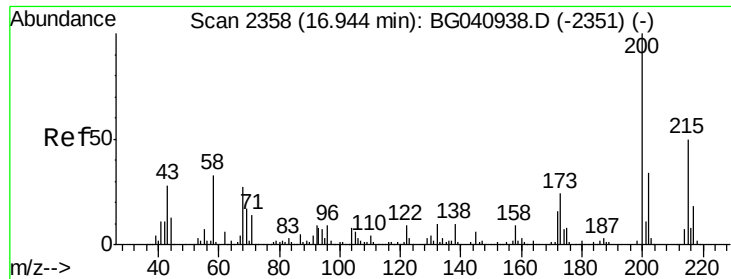
Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion:	284	Resp:	168092
Ion Ratio	Lower	Upper	
284	100		
142	28.7	23.9	35.9
249	34.0	26.8	40.2





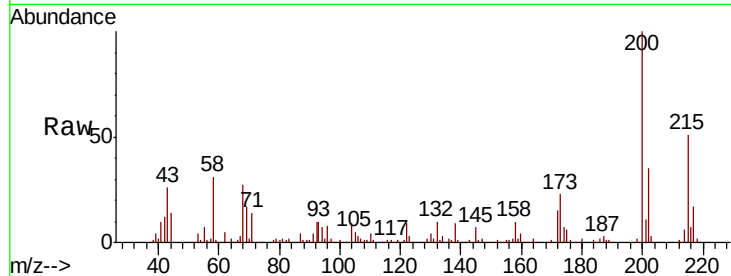
#69
Atrazine
Concen: 49.523 ng
RT: 16.93 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.7	3.6	43.6
215	50.8	29.6	69.6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM

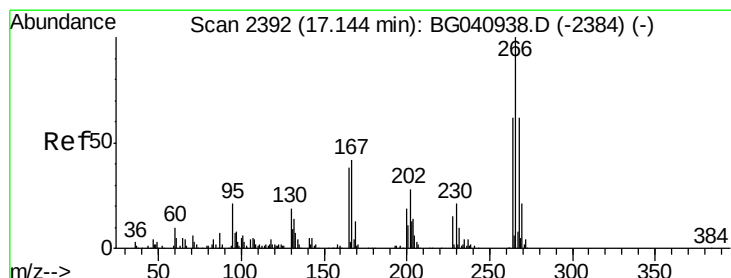
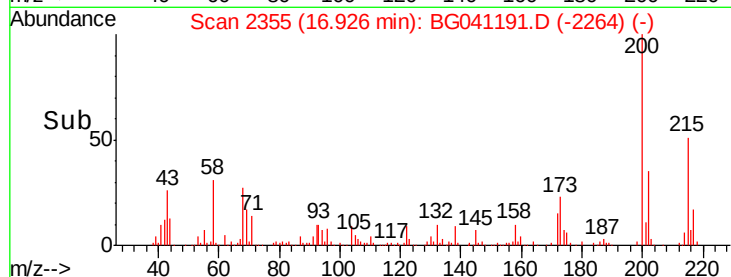
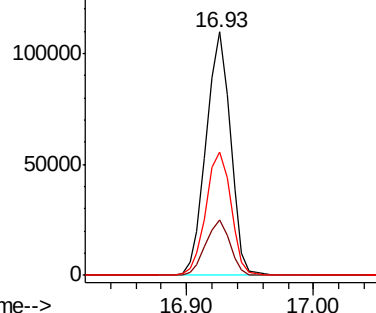


Abundance

Ion 200.00 (199.70 to 200.70): E

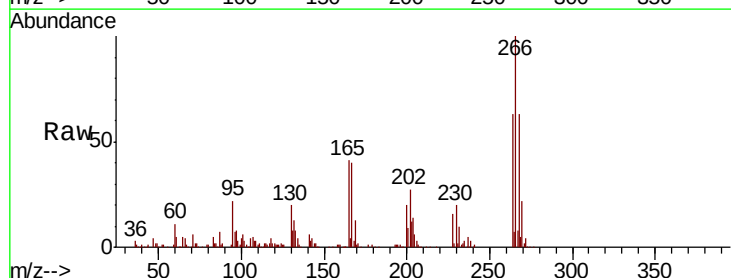
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 91.709 ng
RT: 17.13 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.9	53.1	79.7
264	63.5	49.9	74.9

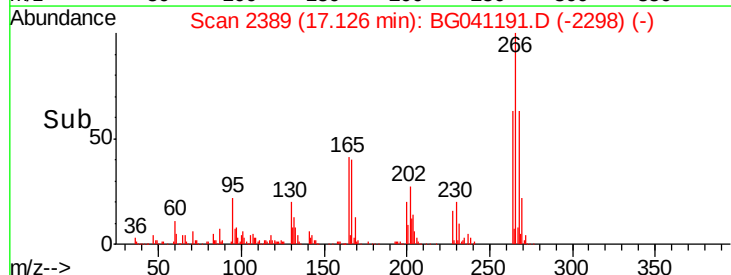
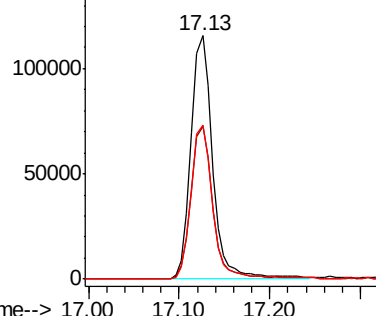


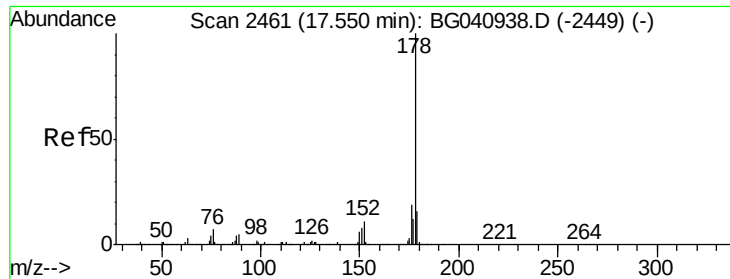
Abundance

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





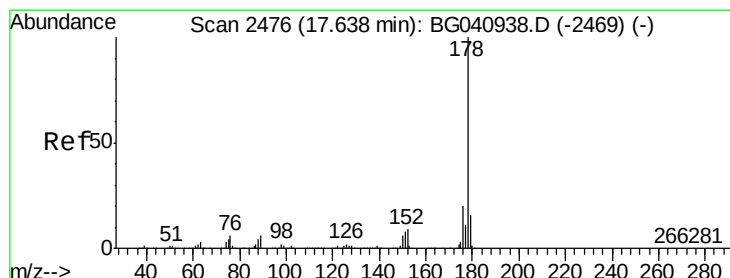
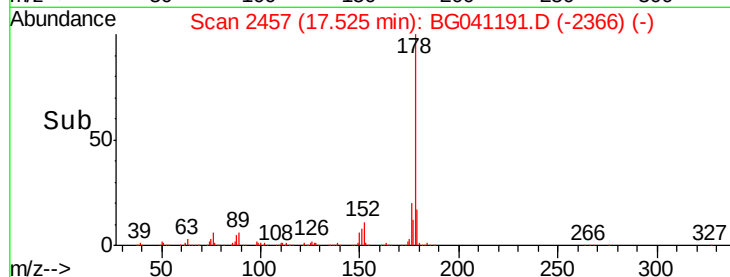
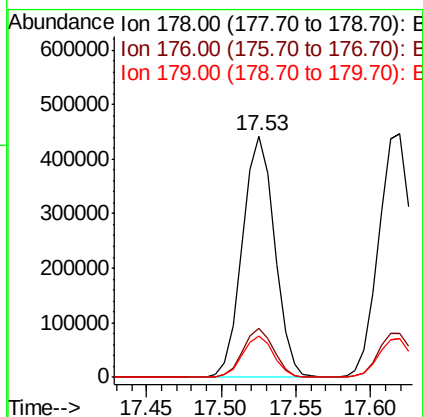
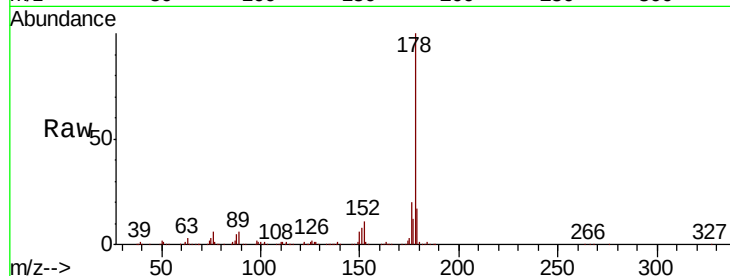
#71
Phenanthrene
Concen: 46.918 ng
RT: 17.53 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	17.1	12.7	19.1

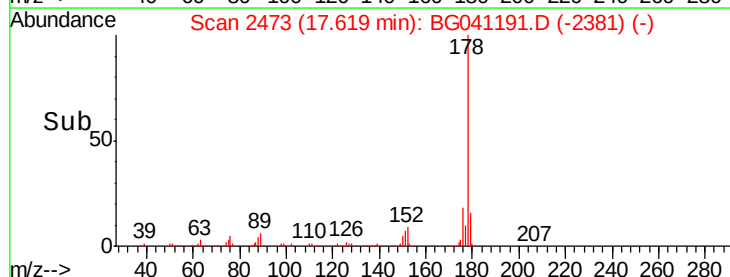
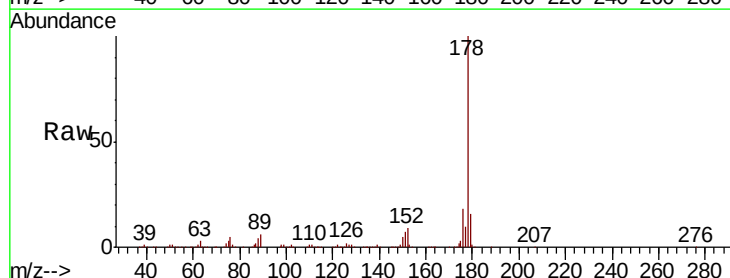
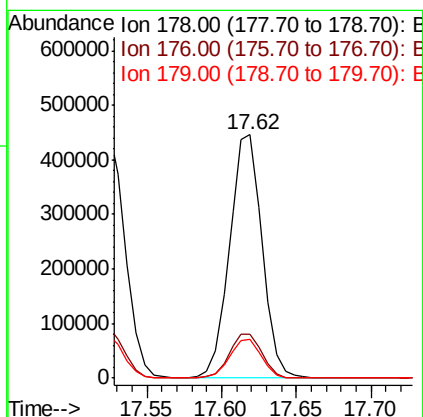
Manual Integrations
APPROVED

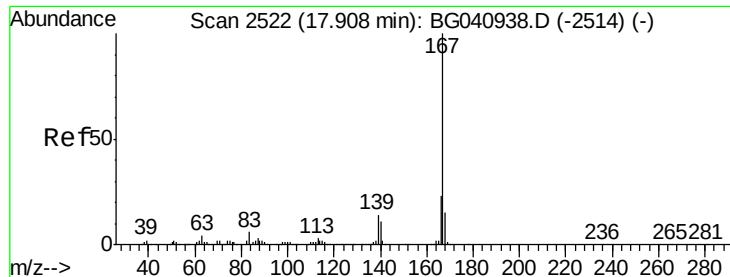
mohammad
6/14/2019 8:38:32 AM



#72
Anthracene
Concen: 48.405 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.6	23.4
179	16.1	13.0	19.4





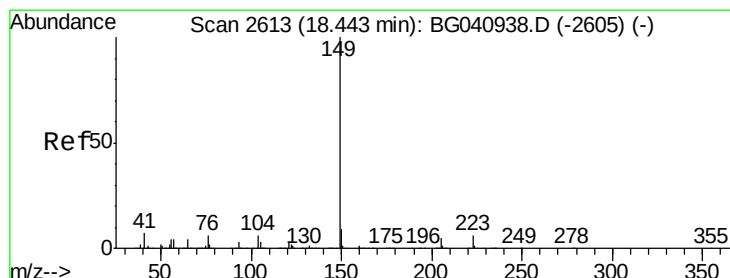
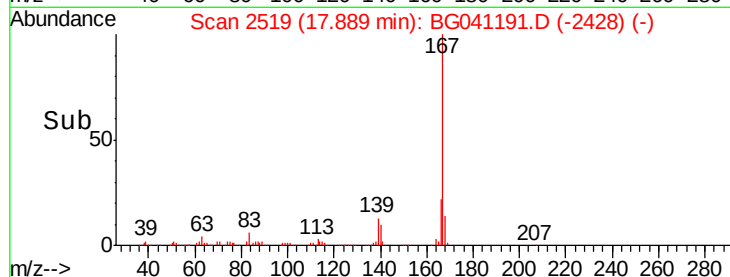
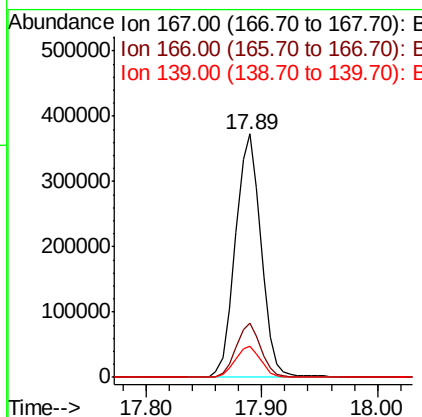
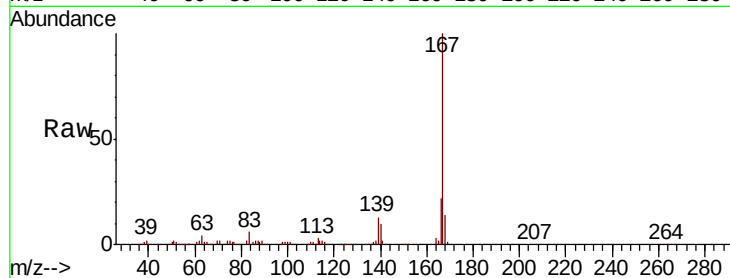
#73
 Carbazole
 Concen: 47.984 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-BS-W04-RC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		573897		
166	22.0	18.2		27.4	
139	12.6	10.8		16.2	

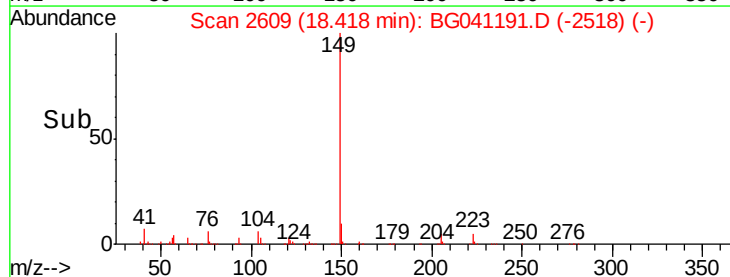
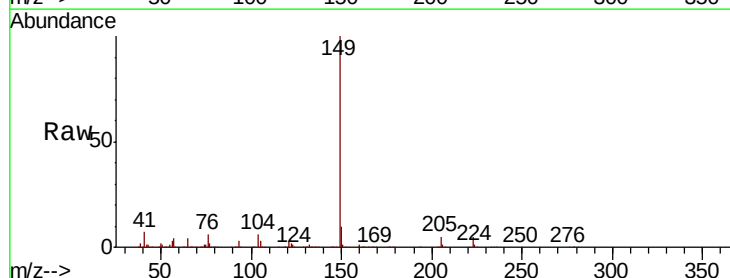
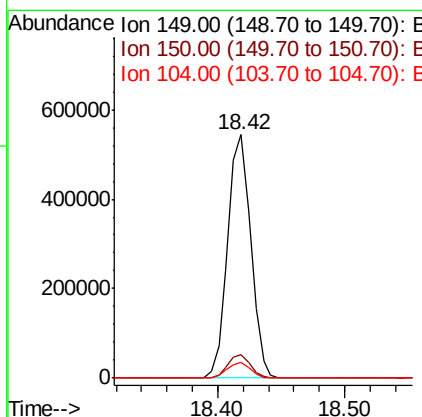
Manual Integrations
 APPROVED

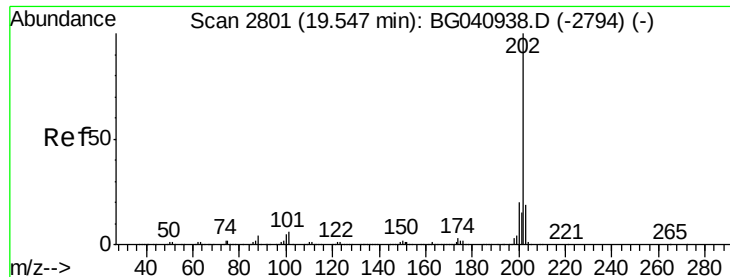
mohammad
 6/14/2019 8:38:32 AM



#74
 Di-n-butylphthalate
 Concen: 46.152 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		686055		
150	9.9	7.4		11.2	
104	6.4	5.0		7.4	





#75

Fluoranthene

Concen: 48.753 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

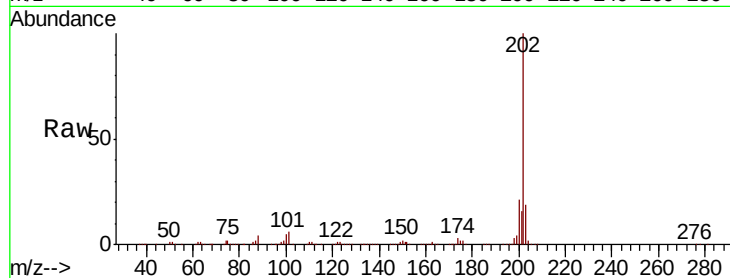
ClientSampleId :

IDOC-BS-W04-RC

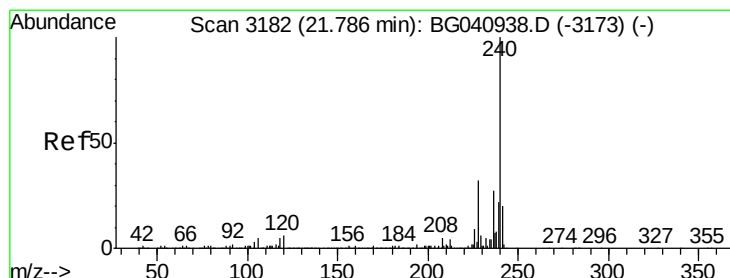
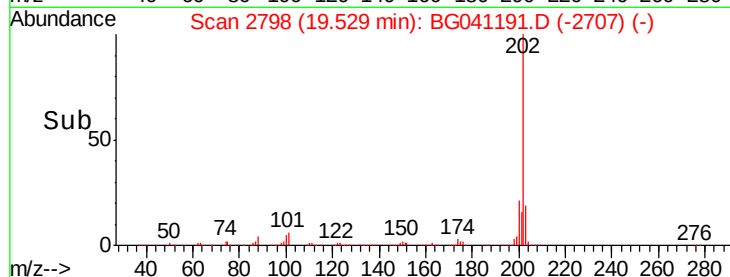
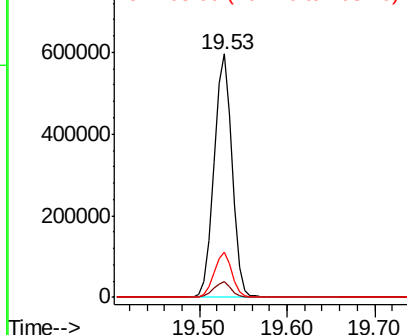
Tot Ion:	202	Resp:	851054
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	26.2
203	18.6	0.0	38.7

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 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

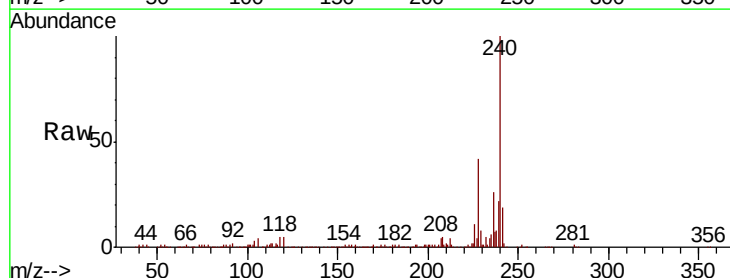
RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

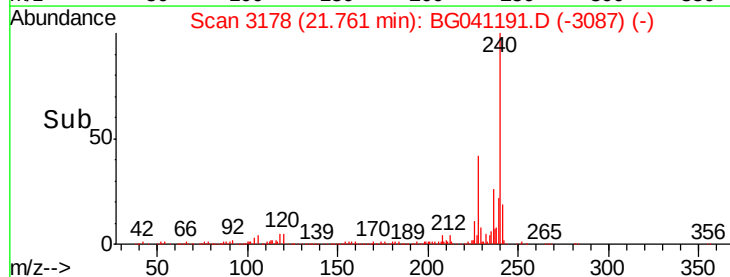
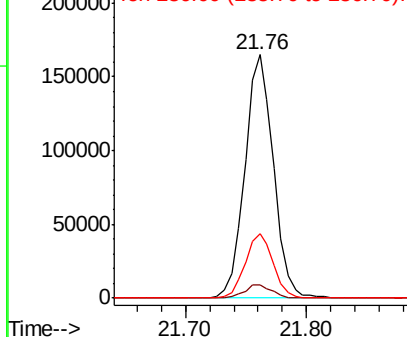
Lab File: BG041191.D

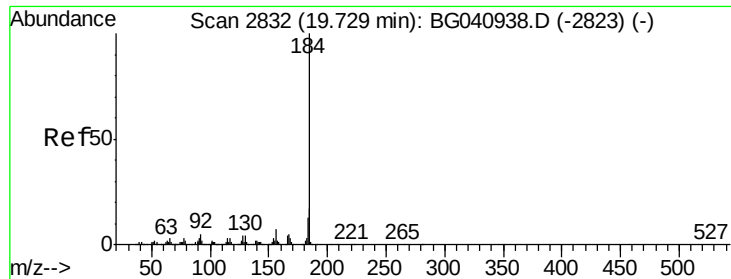
Acq: 11 Jun 2019 16:05

Tgt Ion:	240	Resp:	270715
Ion Ratio	Lower	Upper	
240	100		
120	5.2	4.5	6.7
236	26.4	21.3	31.9



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: 41.658 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

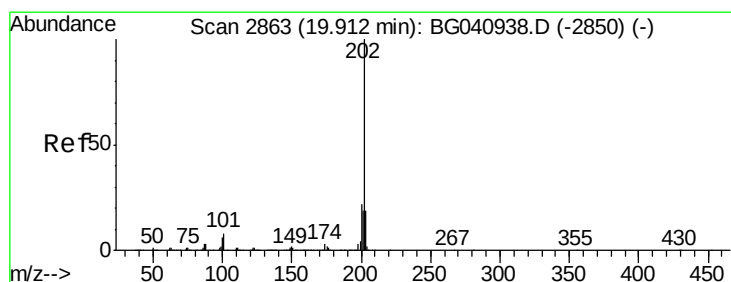
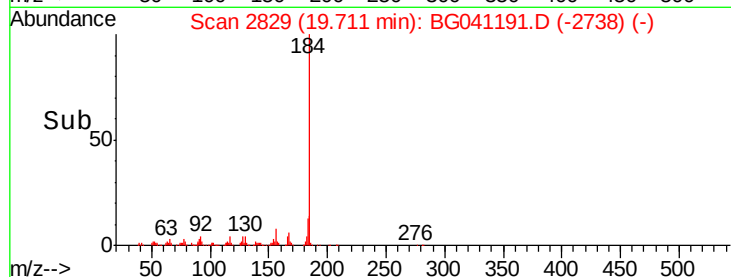
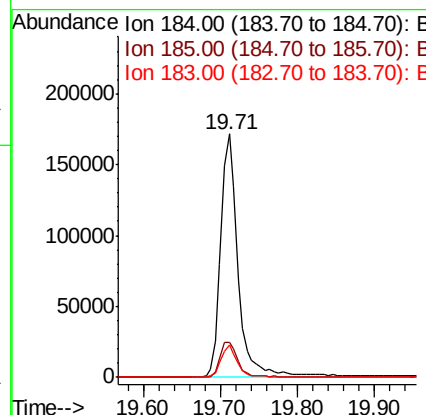
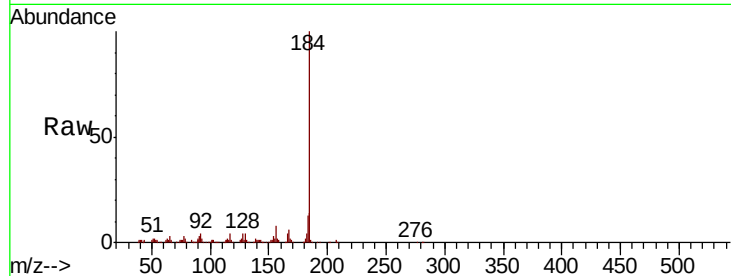
ClientSampleId :

IDOC-BS-W04-RC

Tot Ion	Ratio	Resp	Lower	Upper
184	100	269025		
185	14.3		13.3	19.9
183	13.1		10.7	16.1

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



#78

Pyrene

Concen: 48.107 ng

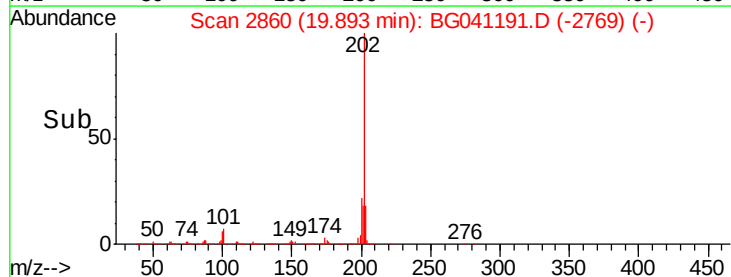
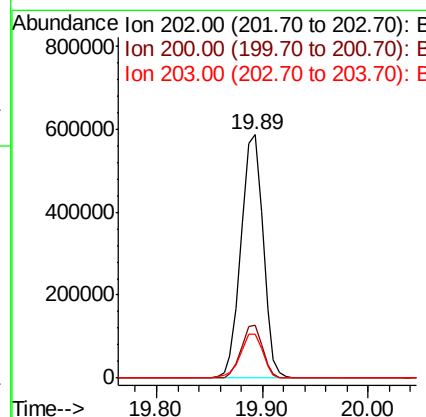
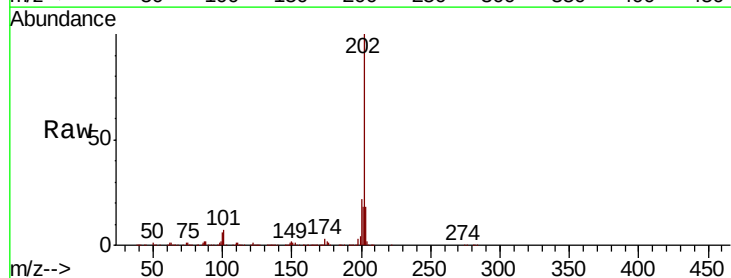
RT: 19.89 min Scan# 2860

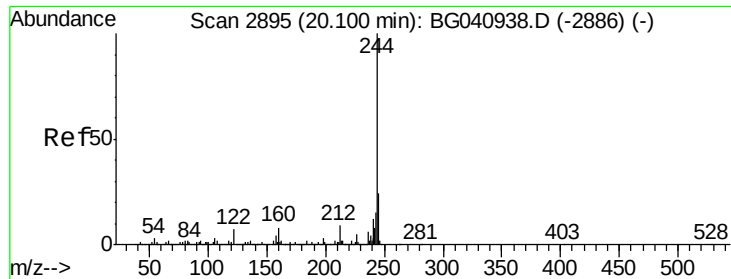
Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	846609		
200	21.9		17.5	26.3
203	18.3		15.6	23.4





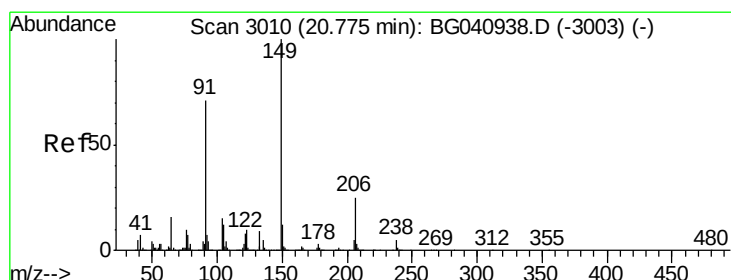
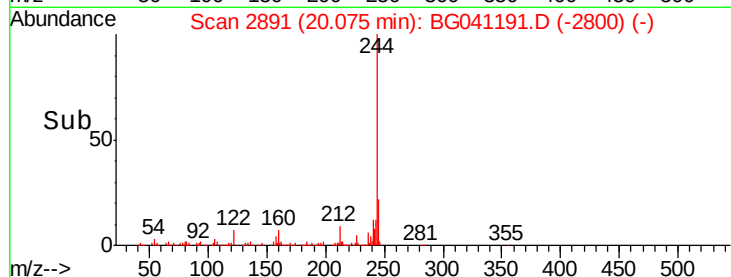
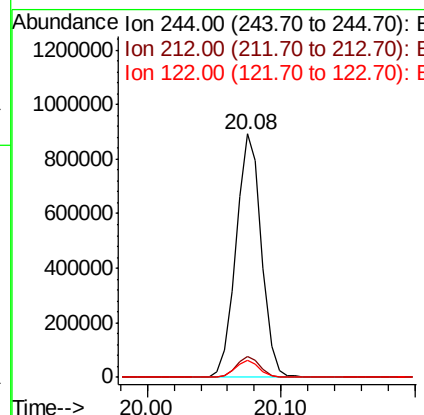
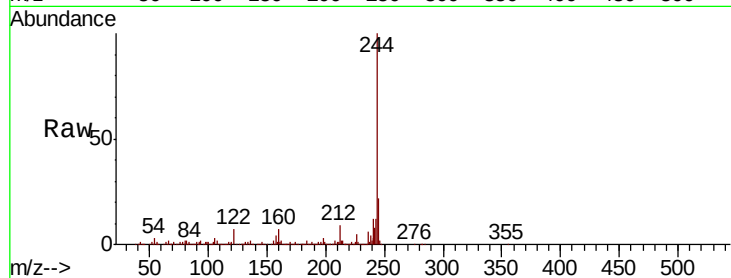
#79
 Terphenyl-d14
 Concen: 92.521 ng
 RT: 20.08 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	6.9	5.4	8.0

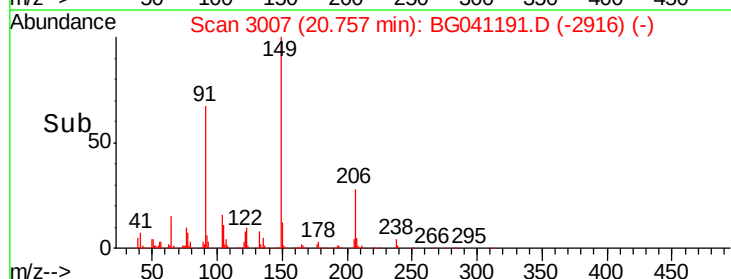
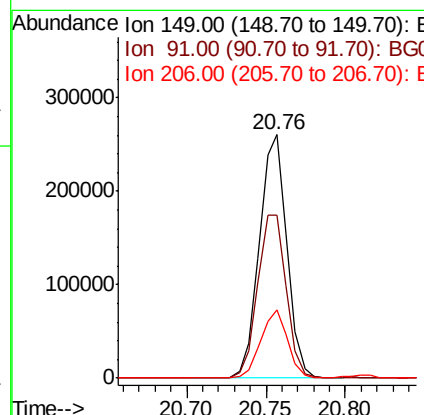
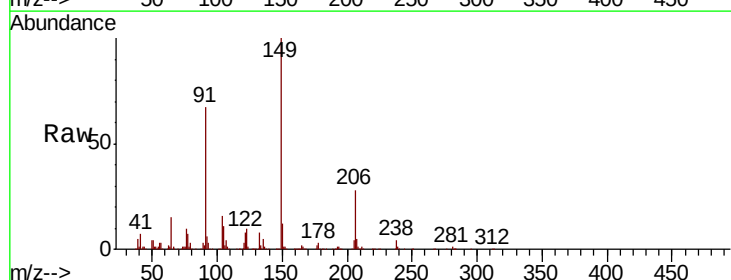
Manual Integrations
 APPROVED

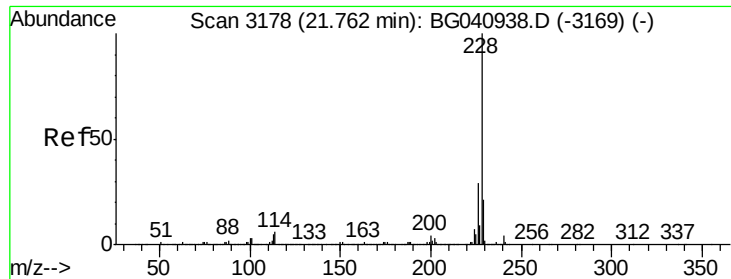
mohammad
 6/14/2019 8:38:32 AM



#80
 Butylbenzylphthalate
 Concen: 45.965 ng
 RT: 20.76 min Scan# 3007
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.5	84.7
206	27.8	20.3	30.5





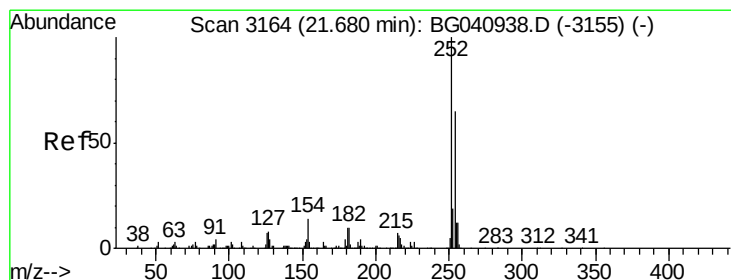
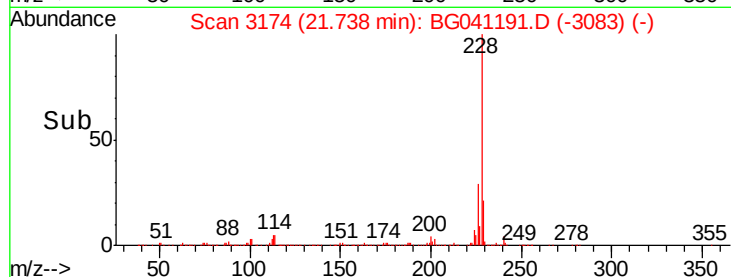
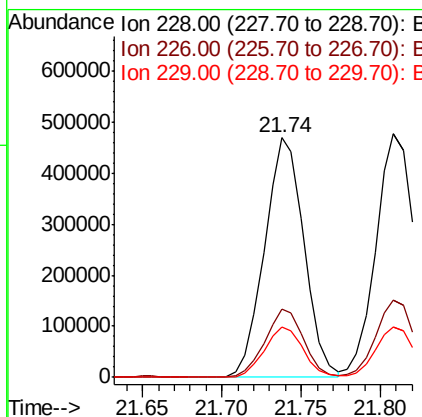
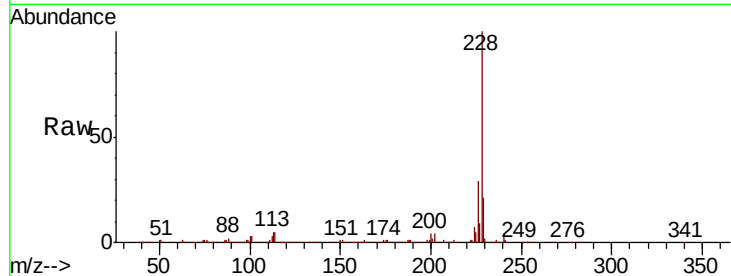
#81
Benzo(a)anthracene
Concen: 44.933 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.5	35.3
229	21.2	16.7	25.1

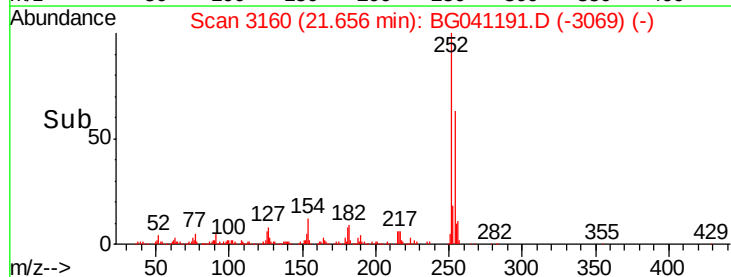
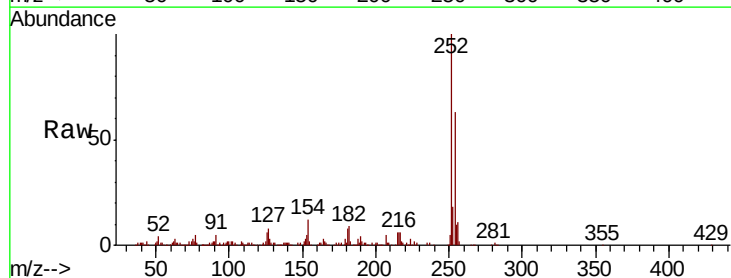
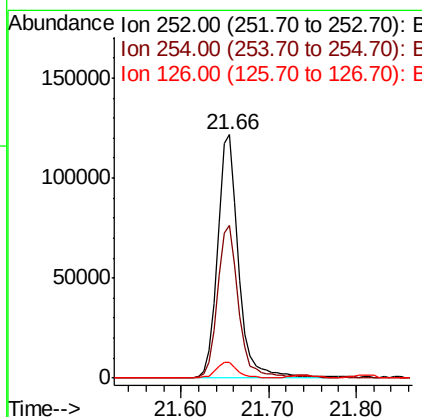
Manual Integrations
APPROVED

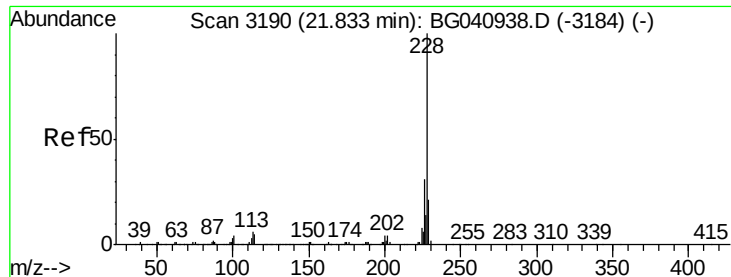
mohammad
6/14/2019 8:38:32 AM



#82
3,3'-Dichlorobenzidine
Concen: 32.085 ng
RT: 21.66 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.1	78.1
126	6.5	5.5	8.3





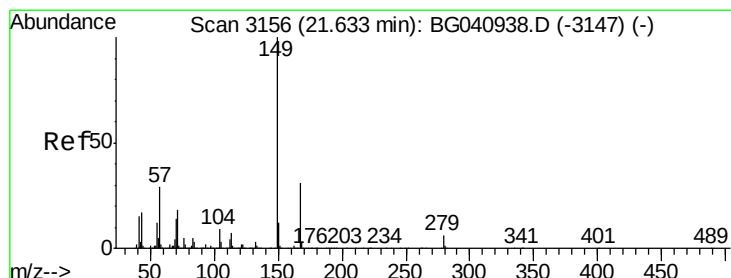
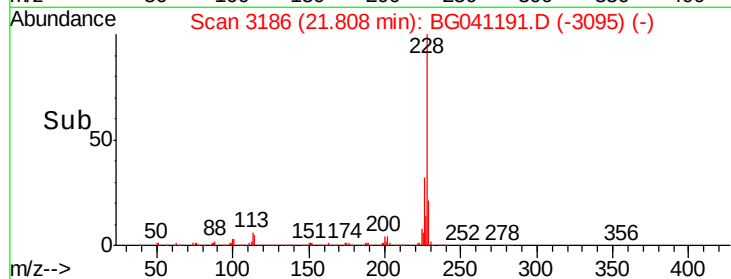
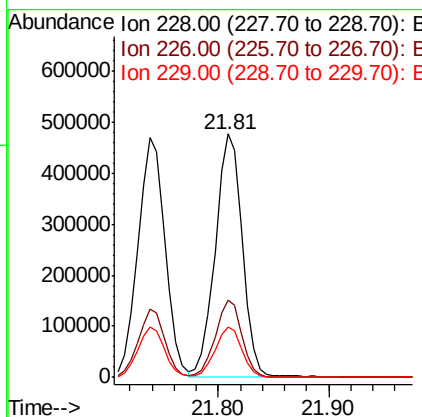
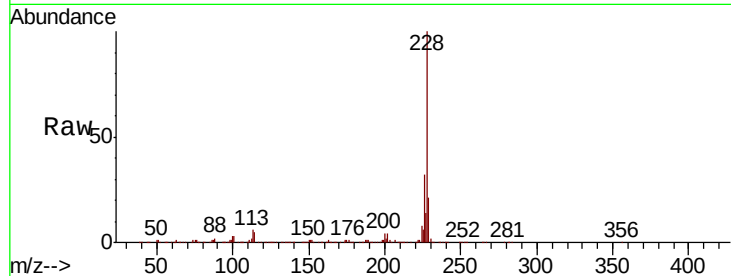
#83
 Chrysene
 Concen: 46.605 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	20.8	16.6	24.8

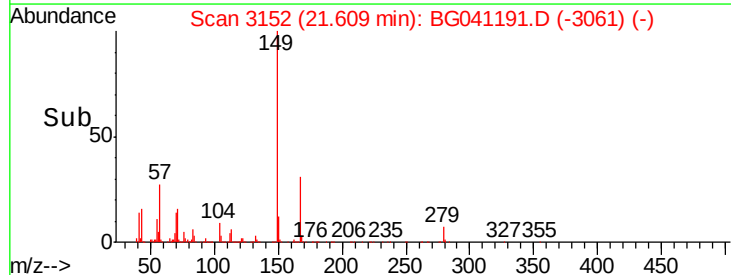
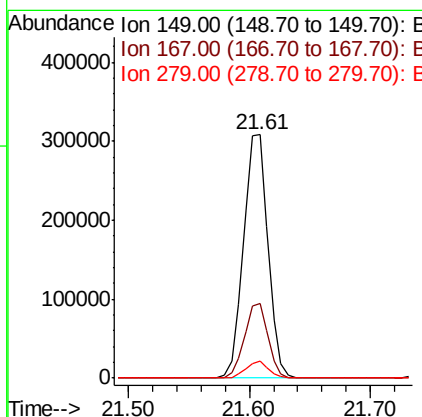
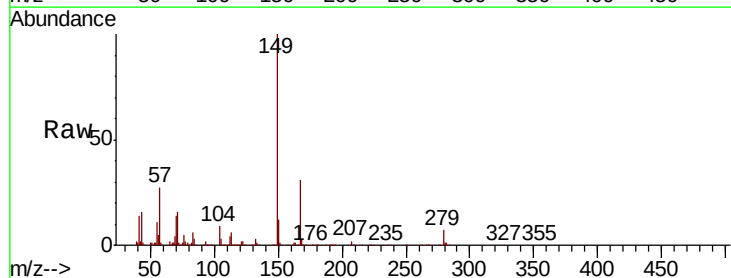
Manual Integrations
 APPROVED

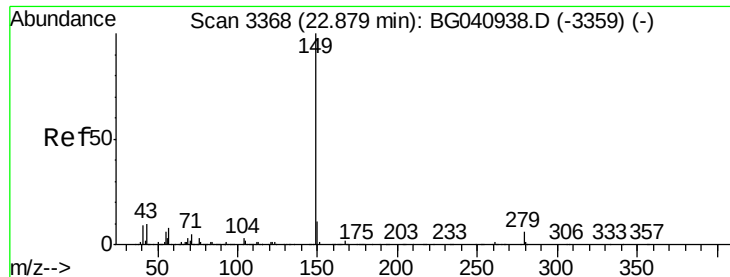
mohammad
 6/14/2019 8:38:32 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.325 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.6	37.0
279	6.9	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 46.354 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

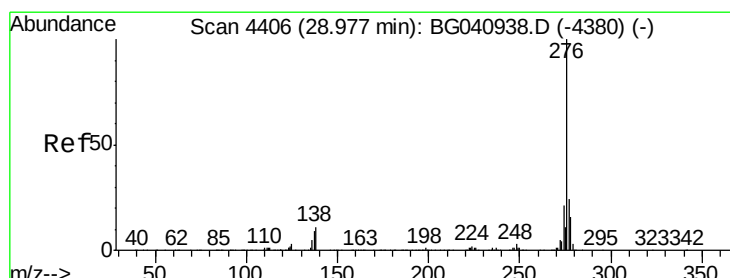
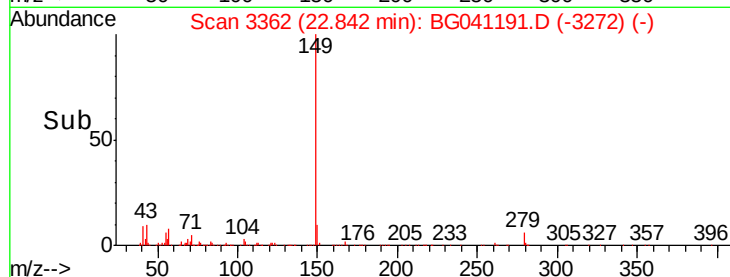
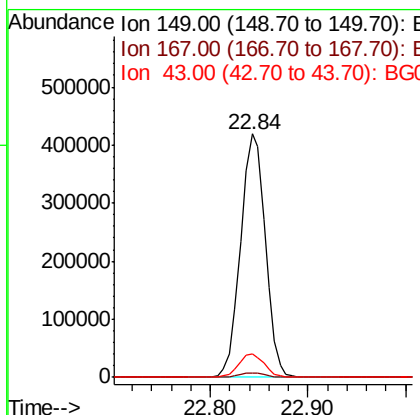
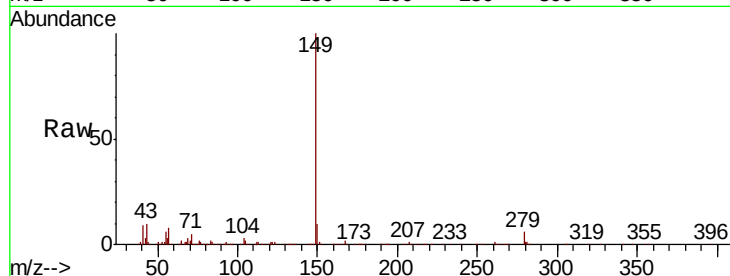
ClientSampleId :

IDOC-BS-W04-RC

Tot Ion:	149	Resp:	744260
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	9.6	8.1	12.1

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.696 ng

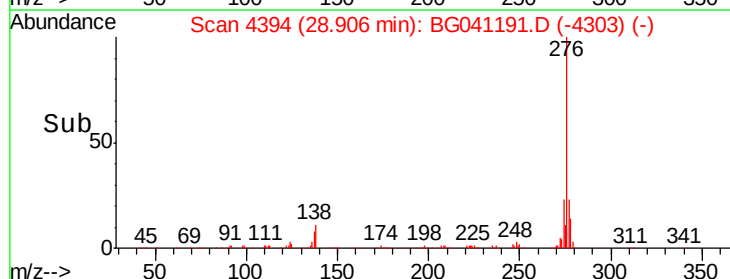
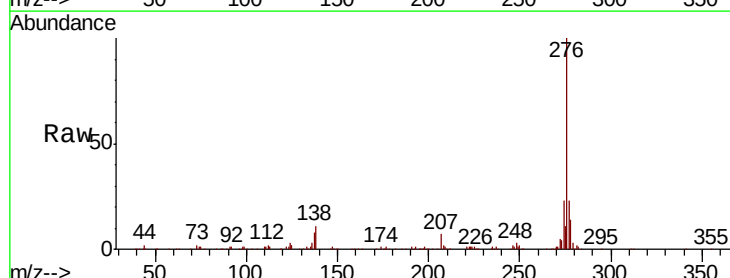
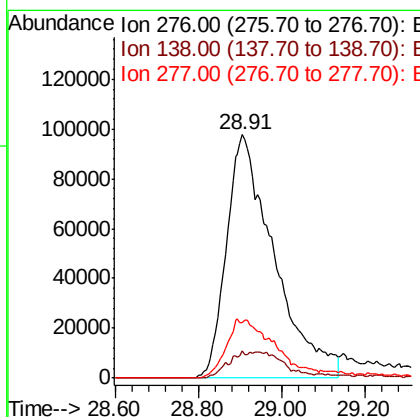
RT: 28.91 min Scan# 4394

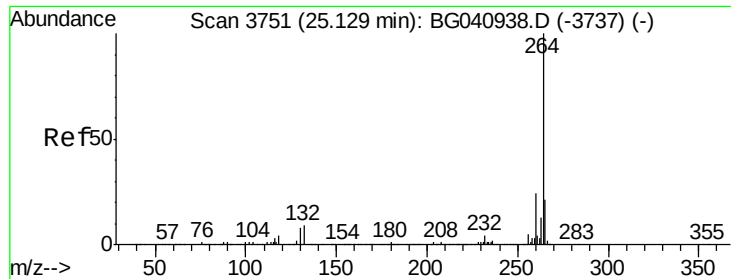
Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion:	276	Resp:	775190
Ion Ratio	Lower	Upper	
276	100		
138	4.5	5.7	8.5#
277	7.6	20.8	31.2#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

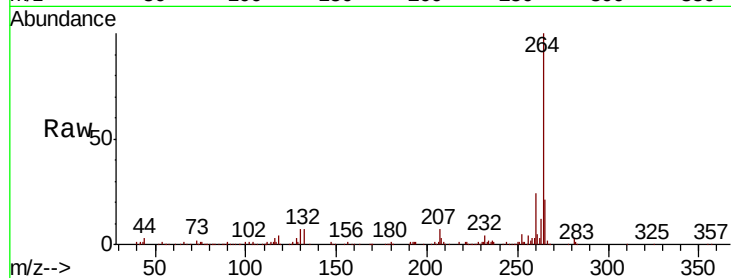
ClientSampleId :

IDOC-BS-W04-RC

Tot Ion:	264	Resp:	277140
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.0	28.4
265	21.2	17.0	25.4

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM

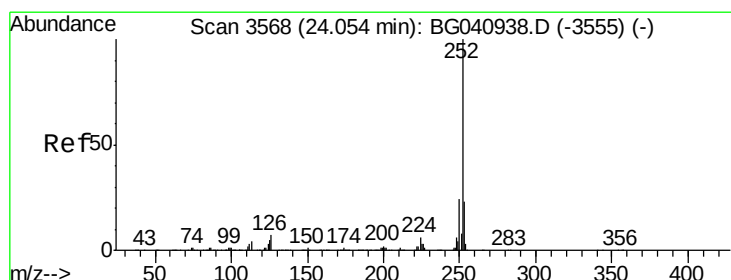
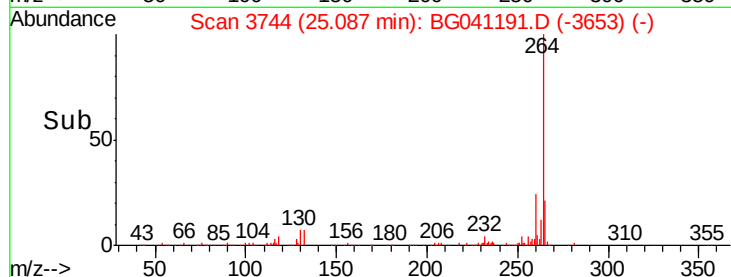
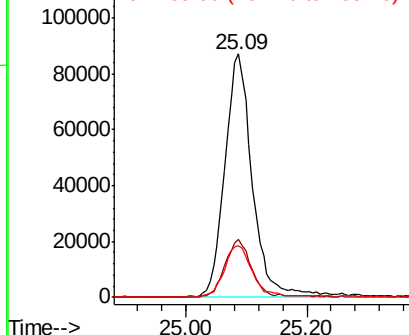


Abundance

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: 46.918 ng

RT: 24.02 min Scan# 3563

Delta R.T. 0.01 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

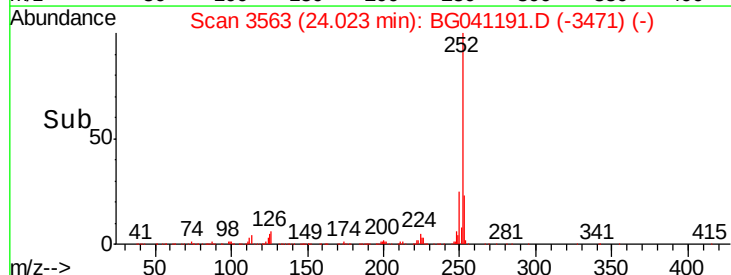
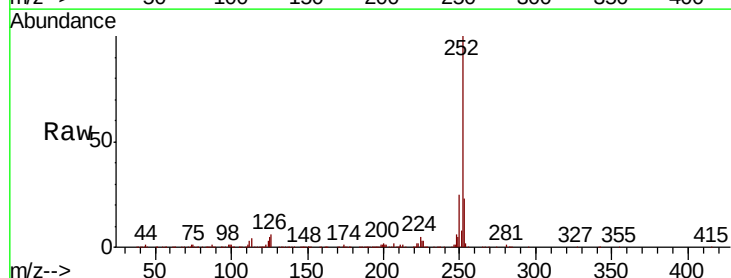
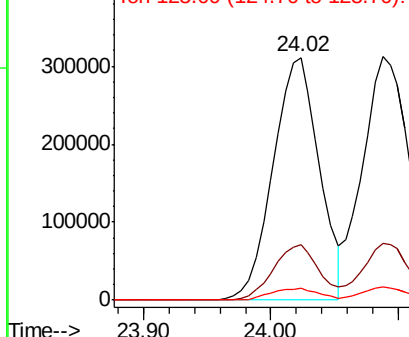
Tgt Ion:	252	Resp:	788663
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.4	27.6
125	4.9	4.3	6.5

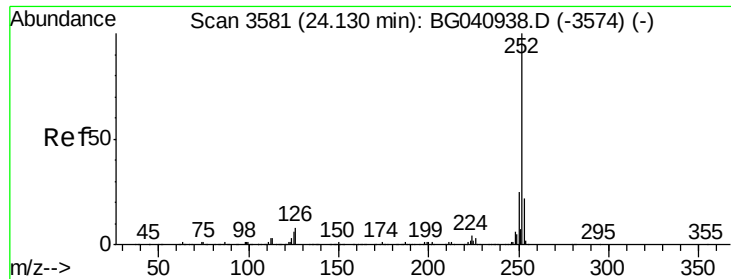
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





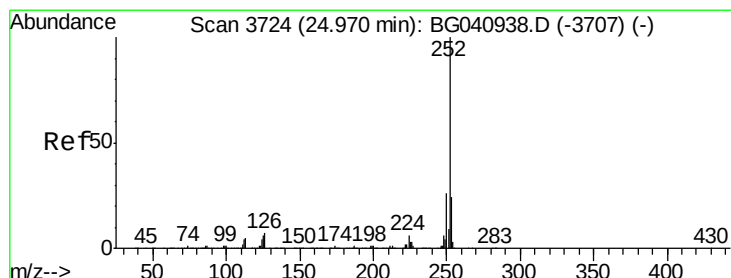
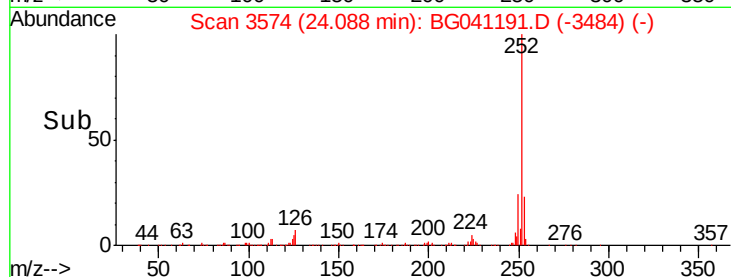
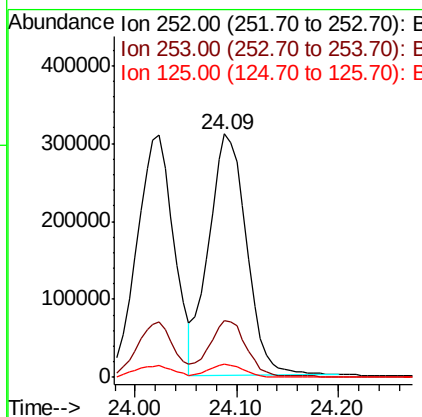
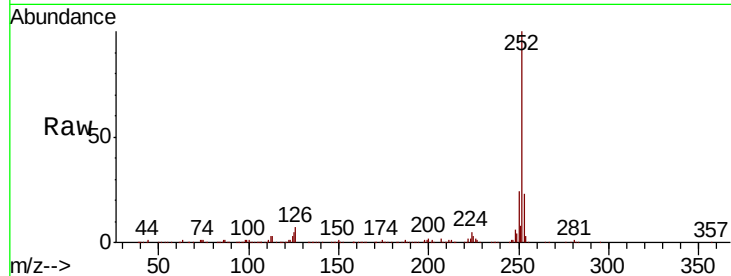
#89
Benzo(k)fluoranthene
Concen: 48.306 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	5.2	4.7	7.1

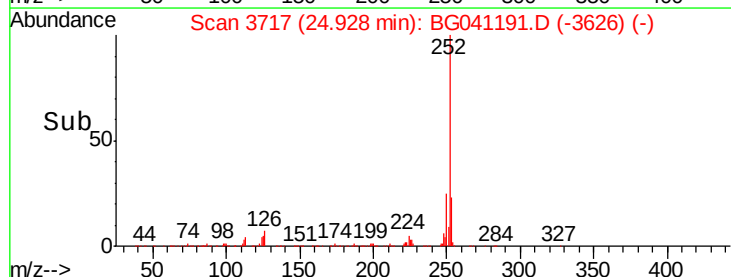
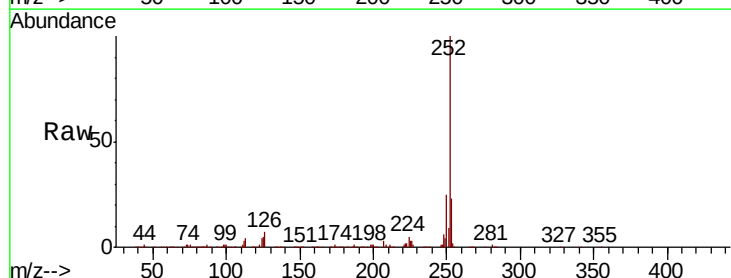
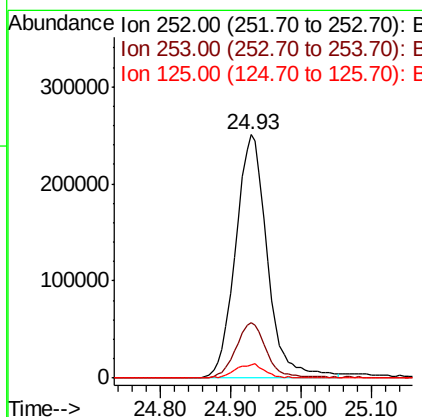
Manual Integrations
APPROVED

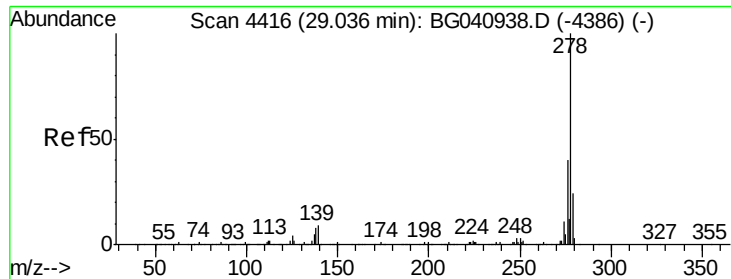
mohammad
6/14/2019 8:38:32 AM



#90
Benzo(a)pyrene
Concen: 48.592 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.5	29.3
125	5.5	5.1	7.7





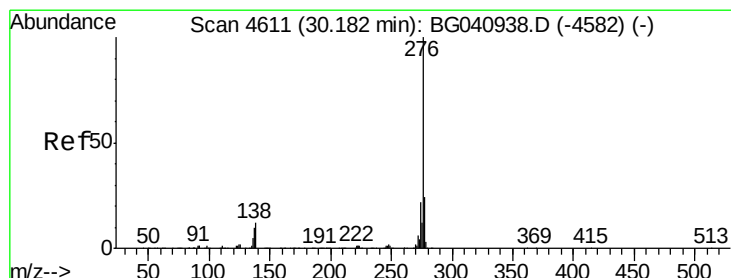
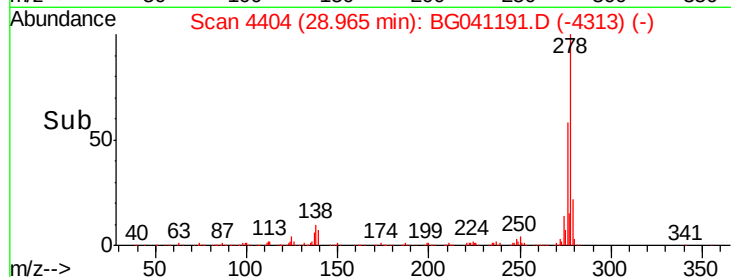
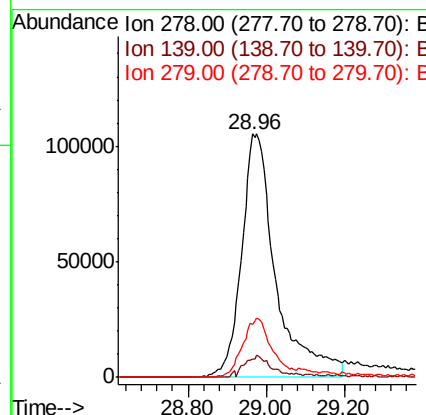
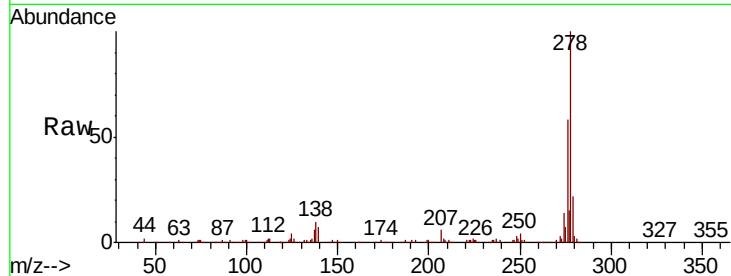
#91
Dibenzo(a,h)anthracene
Concen: 40.304 ng
RT: 28.96 min Scan# 4404
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W04-RC

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.5	7.1	10.7
279	21.9	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:32 AM



#92
Benzo(g,h,i)perylene
Concen: 35.350 ng
RT: 30.12 min Scan# 4600
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.0
138	11.2	9.7	14.5

