

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038204.D
 Acq On : 28 Nov 2018 17:54
 Operator : JU/SJ
 Sample : PB115117BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Manual Integrations
 APPROVED

mohammad
 11/30/2018 11:41:58 AM

Quant Time: Nov 29 04:37:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34295	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	146658	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	90081	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	212184	20.00	ng	0.00
76) Chrysene-d12	21.76	240	200231	20.00	ng	0.00
87) Perylene-d12	25.08	264	189937	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	267014	134.43	ng	0.00
7) Phenol-d6	7.23	99	366075	129.11	ng	0.00
23) Nitrobenzene-d5	9.26	82	182247	66.52	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	131262	127.77	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	396034	64.05	ng	0.00
79) Terphenyl-d14	20.06	244	661365	77.72	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	29994	31.969	ng	# 91
3) Pyridine	3.92	79	84884	31.716	ng	96
4) n-Nitrosodimethylamine	3.84	42	45968	47.343	ng	93
6) Aniline	7.41	93	102605	28.039	ng	97
8) 2-Chlorophenol	7.64	128	99873	43.333	ng	97
9) Benzaldehyde	7.23	77	45151	22.020	ng	95
10) Phenol	7.26	94	130355	43.405	ng	94
11) bis(2-Chloroethyl)ether	7.50	93	94663	38.609	ng	98
12) 1,3-Dichlorobenzene	7.97	146	98826	37.220	ng	98
13) 1,4-Dichlorobenzene	8.12	146	102895	38.363	ng	99
14) 1,2-Dichlorobenzene	8.44	146	97731	38.165	ng	100
15) Benzyl Alcohol	8.33	79	90752	44.234	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	197014	43.274	ng	98
17) 2-Methylphenol	8.52	107	89255	43.958	ng	97
18) Hexachloroethane	9.17	117	37528	38.446	ng	91
19) n-Nitroso-di-n-propylamine	8.89	70	77538	37.794	ng	99
20) 3+4-Methylphenols	8.85	107	120958	42.023	ng	97
22) Acetophenone	8.91	105	145678	39.923	ng	# 98
24) Nitrobenzene	9.31	77	117475	41.916	ng	95
25) Isophorone	9.82	82	215776	43.757	ng	99
26) 2-Nitrophenol	10.01	139	57001	40.740	ng	96
27) 2,4-Dimethylphenol	10.06	122	101631	48.211	ng	95
28) bis(2-Chloroethoxy)methane	10.30	93	131463	41.691	ng	99
29) 2,4-Dichlorophenol	10.55	162	101874	42.964	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	102692	38.648	ng	97
31) Naphthalene	10.96	128	306316	42.465	ng	99
32) Benzoic acid	10.18	122	46361m	37.712	ng	
33) 4-Chloroaniline	11.07	127	88369	26.336	ng	97
34) Hexachlorobutadiene	11.22	225	61634	37.689	ng	97
35) Caprolactam	11.85	113	36012	37.943	ng	# 88
36) 4-Chloro-3-methylphenol	12.17	107	111438	43.018	ng	97
37) 2-Methylnaphthalene	12.55	142	226927	43.796	ng	99
38) 1-Methylnaphthalene	12.77	142	214732	43.054	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	118297	39.300	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038204.D
 Acq On : 28 Nov 2018 17:54
 Operator : JU/SJ
 Sample : PB115117BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Manual Integrations
 APPROVED

mohammad
 11/30/2018 11:41:58 AM

Quant Time: Nov 29 04:37:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	126387	78.412	nq	98
43) 2,4,6-Trichlorophenol	13.16	196	85028	41.453	nq	99
44) 2,4,5-Trichlorophenol	13.23	196	88254	40.892	nq	92
46) 1,1'-Biphenyl	13.55	154	288358	38.103	nq	99
47) 2-Chloronaphthalene	13.60	162	228374	39.546	nq	100
48) 2-Nitroaniline	13.81	65	81554	44.871	nq	97
49) Acenaphthylene	14.45	152	379316	43.679	nq	99
50) Dimethylphthalate	14.17	163	295272	41.347	nq	98
51) 2,6-Dinitrotoluene	14.30	165	67883	41.999	nq	96
52) Acenaphthene	14.79	154	215911	41.298	nq	99
53) 3-Nitroaniline	14.64	138	59665	33.454	nq	# 97
54) 2,4-Dinitrophenol	14.84	184	33493	43.224	nq	90
55) Dibenzofuran	15.12	168	354411	40.997	nq	98
56) 4-Nitrophenol	14.93	139	102480	74.502	nq	84
57) 2,4-Dinitrotoluene	15.08	165	95873	43.596	nq	96
58) Fluorene	15.76	166	285017	44.188	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	79247	43.881	nq	96
60) Diethylphthalate	15.52	149	306242	40.373	nq	100
61) 4-Chlorophenyl-phenylether	15.75	204	148275	39.287	nq	98
62) 4-Nitroaniline	15.80	138	74204	41.882	nq	91
63) Azobenzene	16.05	77	286712	42.275	nq	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	41386	30.837	nq	96
66) n-Nitrosodiphenylamine	15.97	169	257152	40.060	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	92235	39.604	nq	95
68) Hexachlorobenzene	16.76	284	96665	40.212	nq	97
69) Atrazine	16.91	200	95701	40.443	nq	99
70) Pentachlorophenol	17.11	266	101569	62.212	nq	96
71) Phenanthrene	17.51	178	472050	43.453	nq	100
72) Anthracene	17.60	178	477970	44.634	nq	99
73) Carbazole	17.87	167	435382	40.524	nq	99
74) Di-n-butylphthalate	18.41	149	530182	43.961	nq	99
75) Fluoranthene	19.52	202	563407	45.456	nq	97
77) Benzidine	19.70	184	199383	28.378	nq	99
78) Pyrene	19.88	202	566826	43.298	nq	99
80) Butylbenzylphthalate	20.75	149	244985	42.792	nq	99
81) Benzo(a)anthracene	21.73	228	532043	43.970	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	150154	31.857	nq	99
83) Chrysene	21.80	228	494044	42.674	nq	97
84) Bis(2-ethylhexyl)phthalate	21.60	149	345801	42.355	nq	100
85) Di-n-octyl phthalate	22.84	149	594770	45.030	nq	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	489521	38.071	nq	97
88) Benzo(b)fluoranthene	24.01	252	512533	49.035	nq	99
89) Benzo(k)fluoranthene	24.08	252	500975	48.573	nq	99
90) Benzo(a)pyrene	24.92	252	500033	50.058	nq	99
91) Dibenzo(a,h)anthracene	28.95	278	382667	39.814	nq	97
92) Benzo(g,h,i)perylene	30.09	276	403991	42.274	nq	100

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

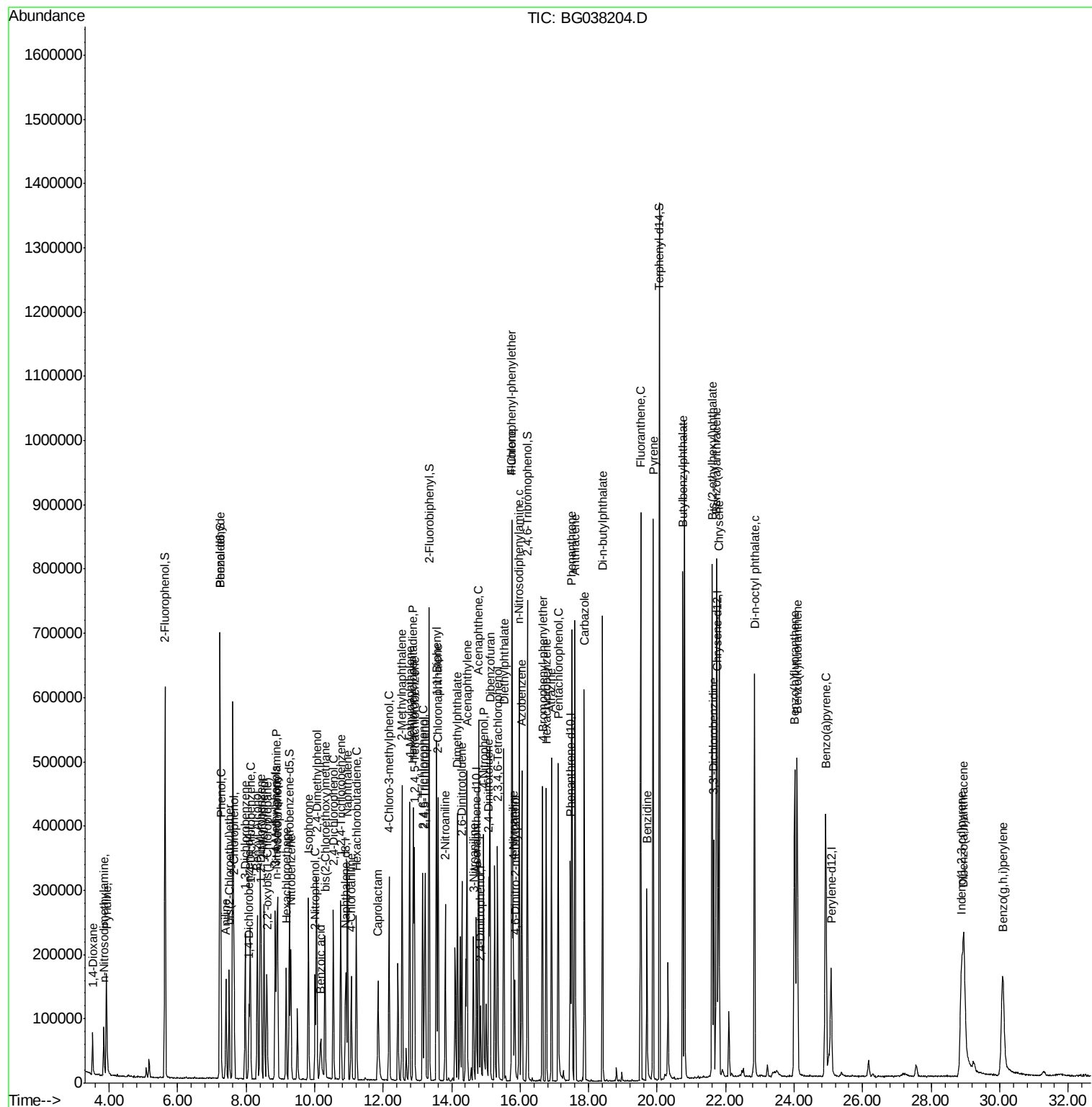
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
Data File : BG038204.D
Acq On : 28 Nov 2018 17:54
Operator : JU/SJ
Sample : PB115117BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

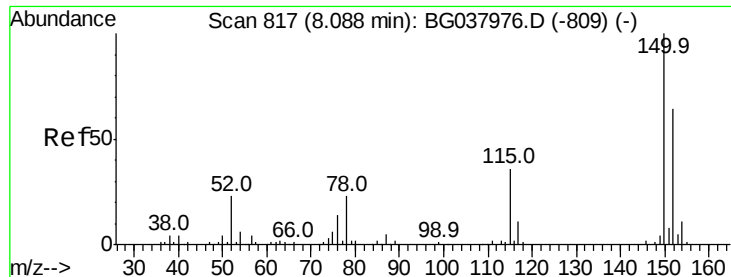
Instrument :
BNA_G
ClientSampled :
PB115117BS

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM

Quant Time: Nov 29 04:37:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration





#1

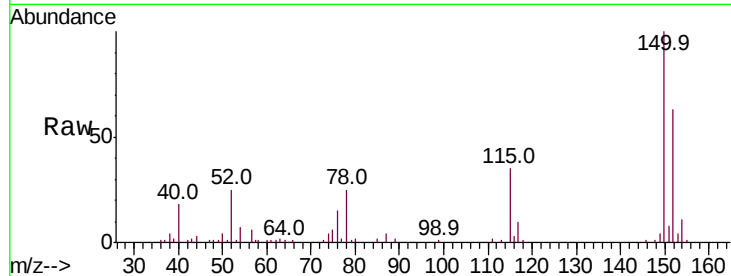
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.0	189.0
115	56.4	45.5	68.3

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM

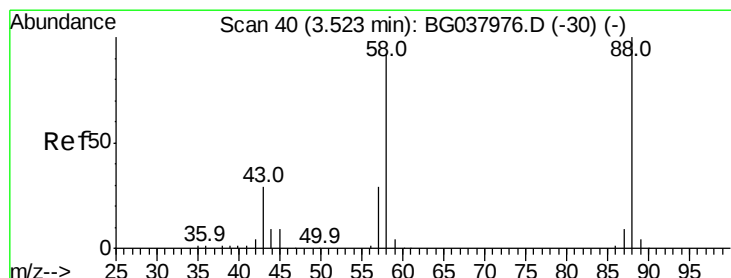
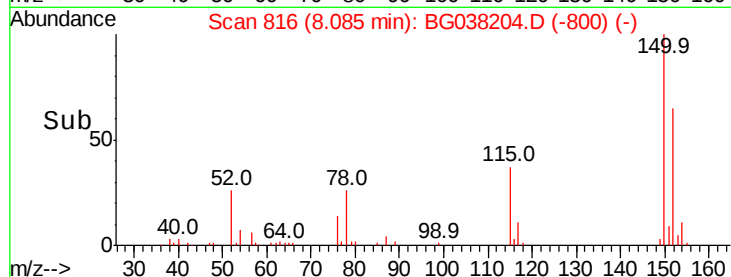
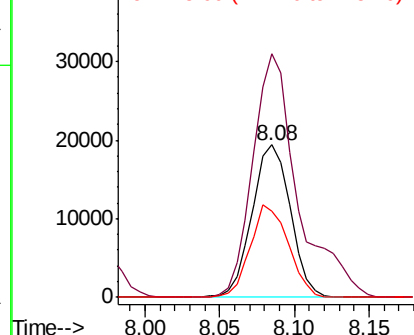


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

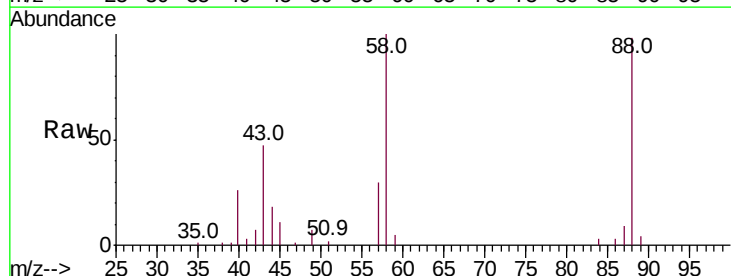
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.969 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.8	74.4	111.6
43	40.6	25.8	38.8

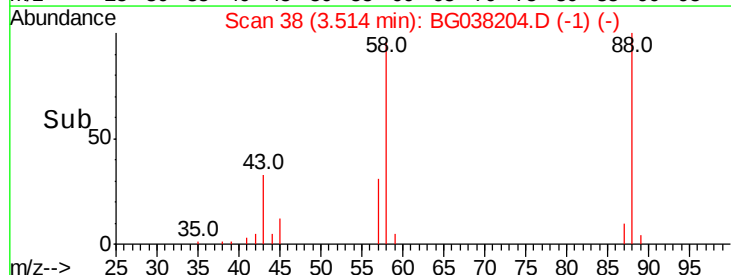
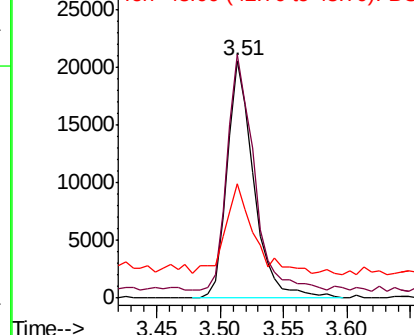


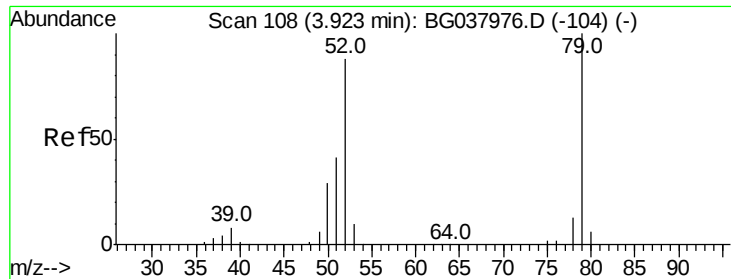
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.716 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

Tot Ion: 79 Resp: 84884

Ion Ratio Lower Upper

79 100

52 95.7 74.2 111.2

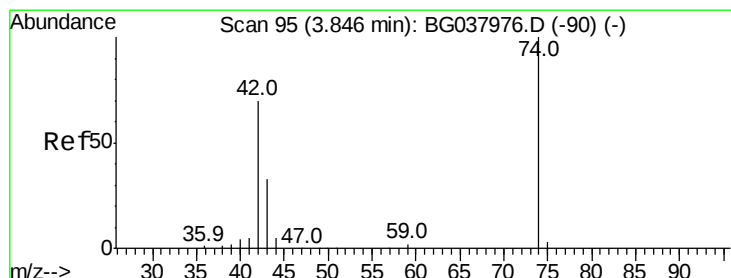
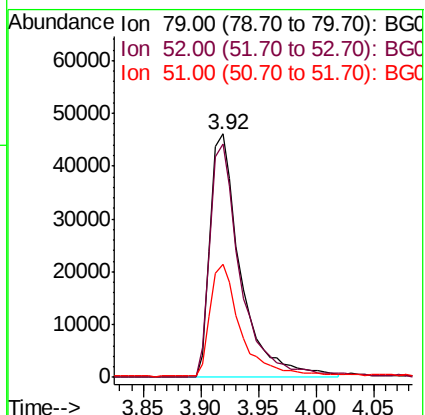
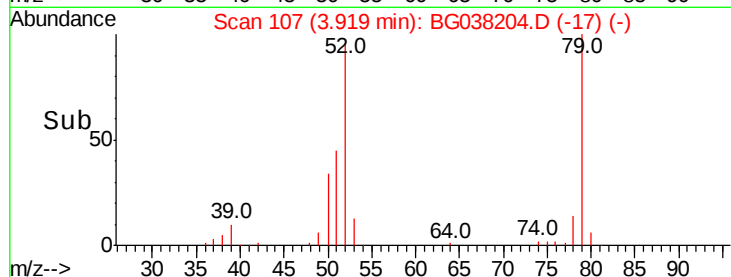
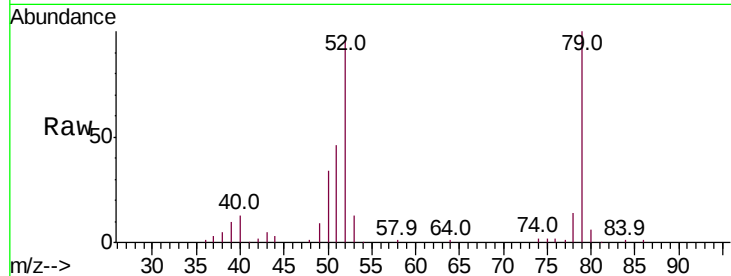
51 46.5 34.6 51.8

Manual Integrations

APPROVED

mohammad

11/30/2018 11:41:58 AM



#4

n-Nitrosodimethylamine

Concen: 47.343 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

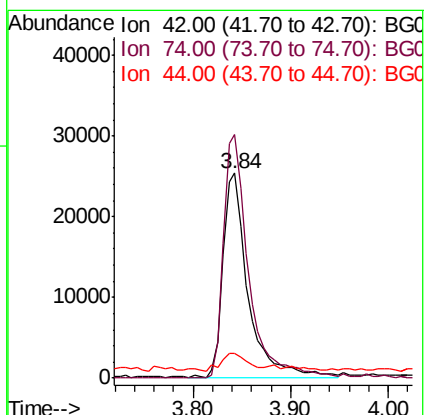
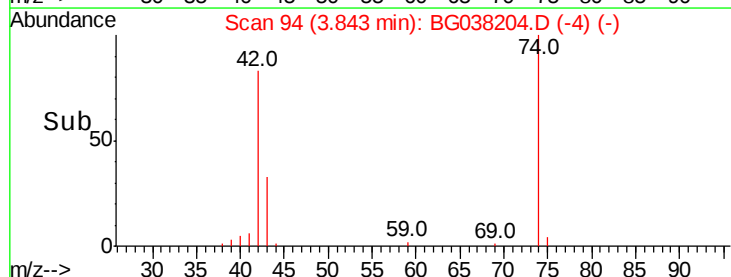
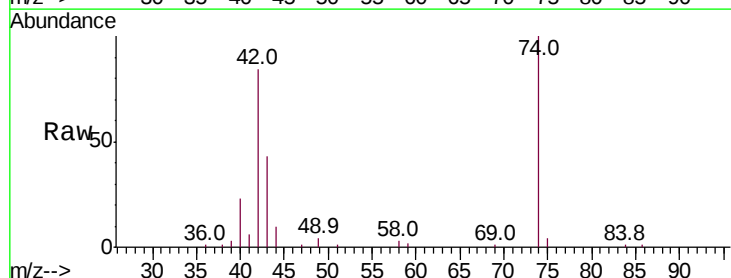
Tgt Ion: 42 Resp: 45968

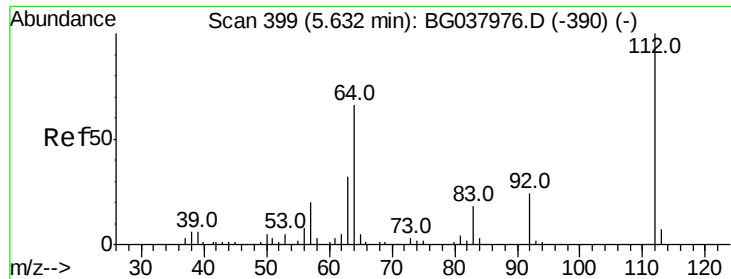
Ion Ratio Lower Upper

42 100

74 118.7 102.0 153.0

44 11.9 9.6 14.4





#5

2-Fluorophenol

Concen: 134.427 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

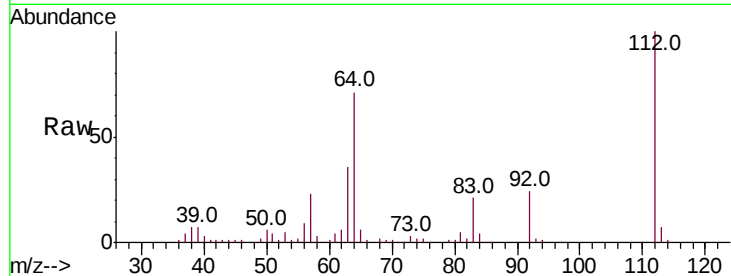
ClientSampleId :

PB115117BS

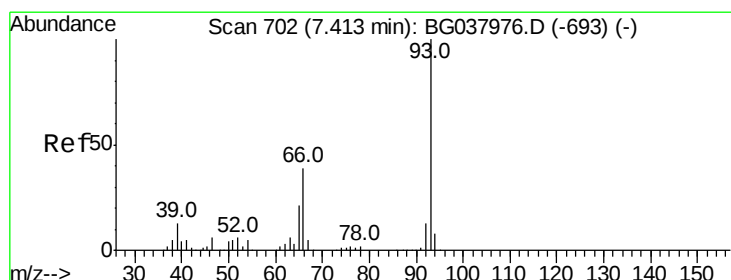
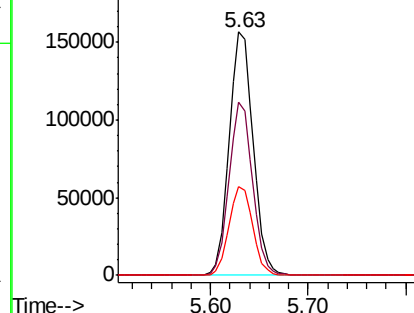
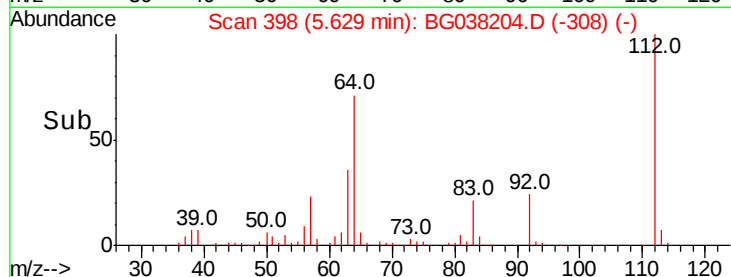
Tot Ion:	112	Resp:	267014
Ion Ratio	Lower	Upper	
112	100		
64	71.3	53.1	79.7
63	36.4	27.3	40.9

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



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



#6

Aniline

Concen: 28.039 ng

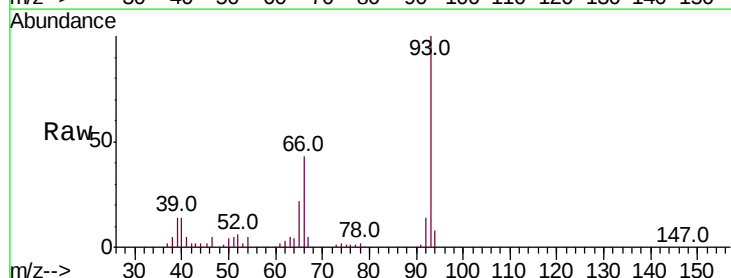
RT: 7.41 min Scan# 701

Delta R.T. -0.00 min

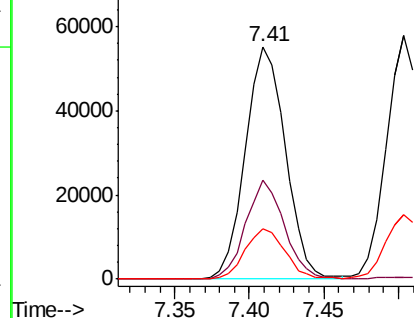
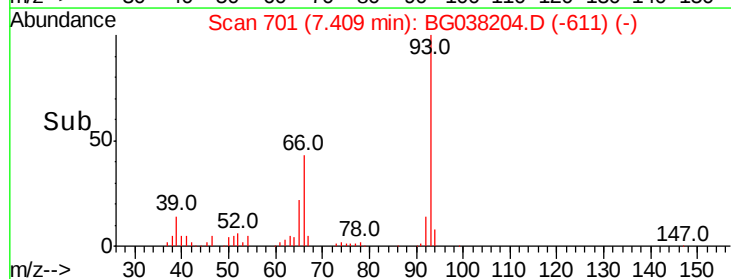
Lab File: BG038204.D

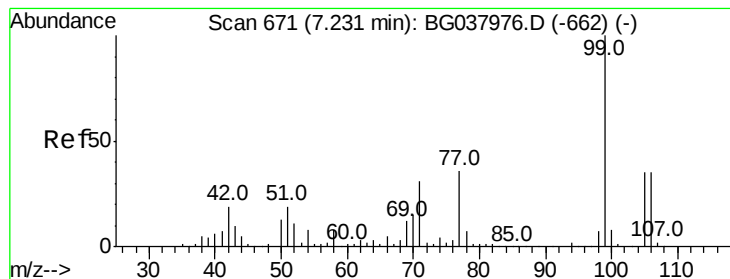
Acq: 28 Nov 2018 17:54

Tgt Ion:	93	Resp:	102605
Ion Ratio	Lower	Upper	
93	100		
66	42.6	32.8	49.2
65	21.8	16.4	24.6



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





#7

Phenol-d6

Concen: 129.111 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

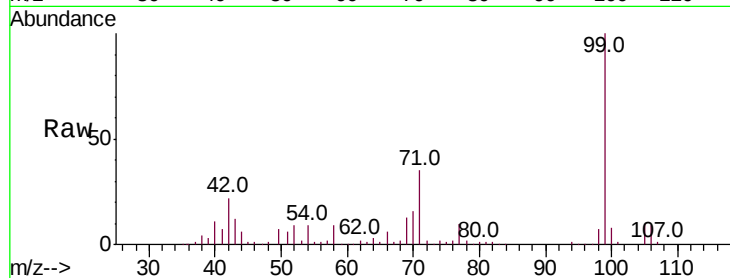
PB115117BS

Tot Ion: 99 Resp: 366075

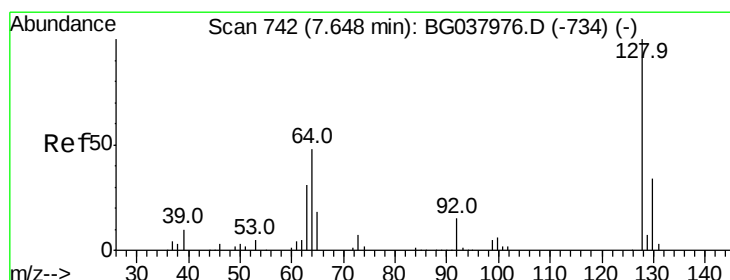
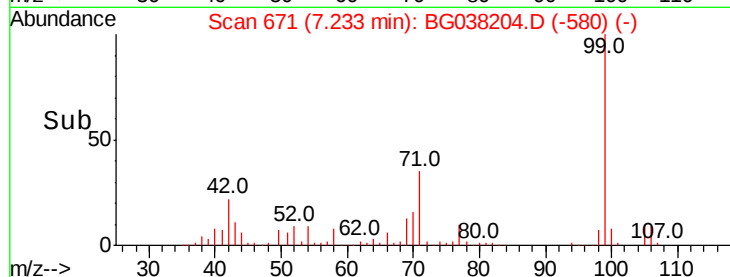
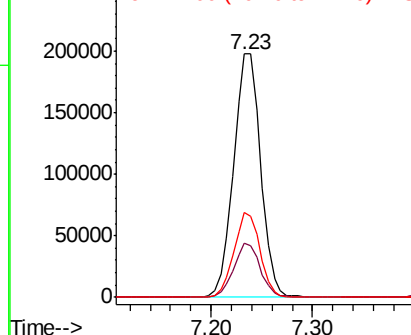
Ion	Ratio	Lower	Upper
99	100		
42	22.5	15.0	22.4#
71	34.7	25.5	38.3

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.333 ng

RT: 7.64 min Scan# 741

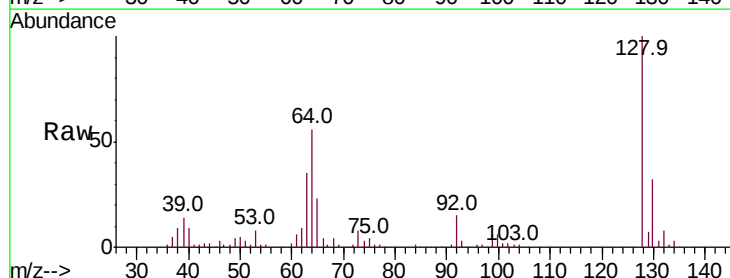
Delta R.T. -0.00 min

Lab File: BG038204.D

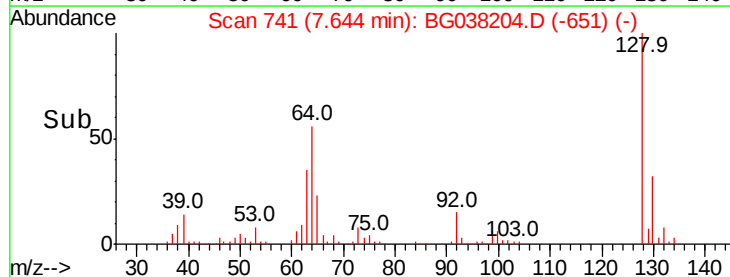
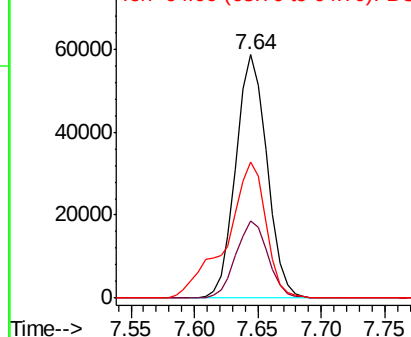
Acq: 28 Nov 2018 17:54

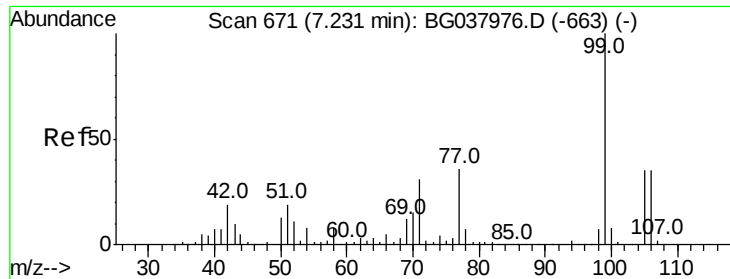
Tgt Ion: 128 Resp: 99873

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.0	52.0
64	56.1	32.9	72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 22.020 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

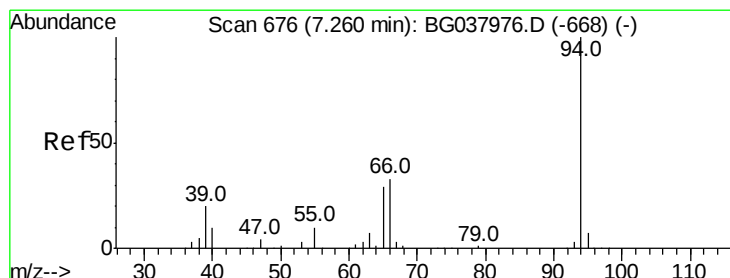
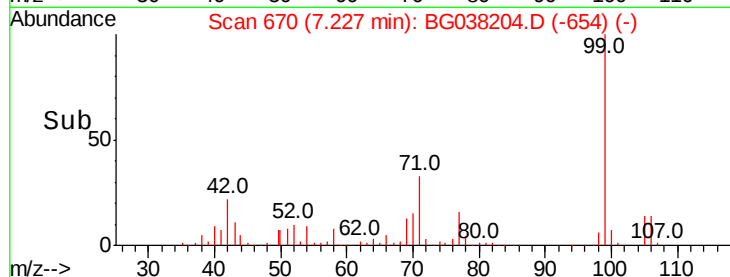
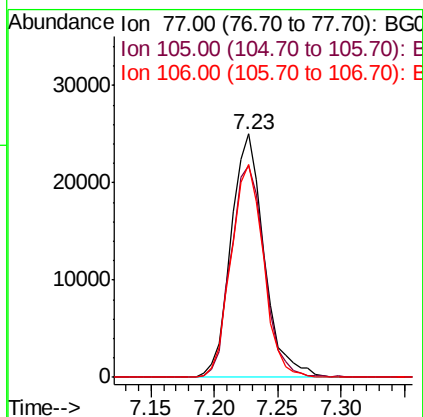
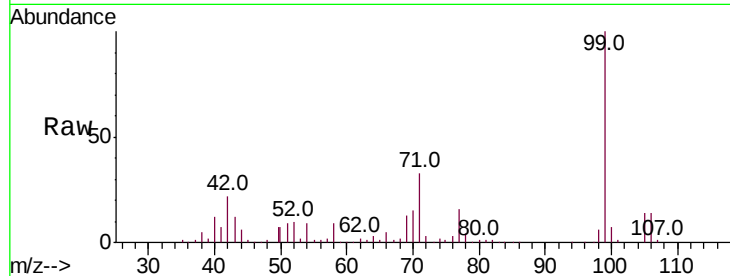
ClientSampleId :

PB115117BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.1	72.6	112.6
106	87.5	71.3	111.3

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



#10

Phenol

Concen: 43.405 ng

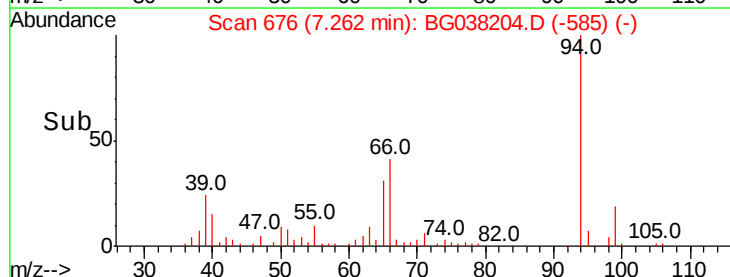
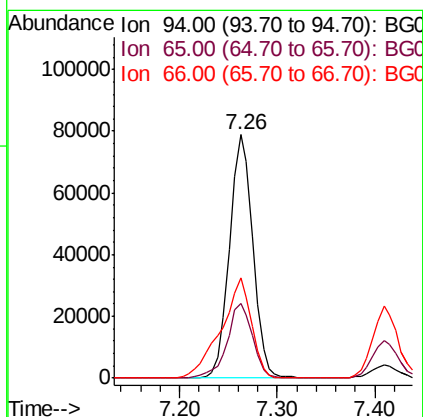
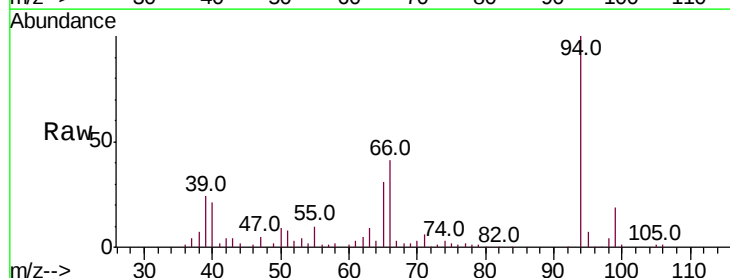
RT: 7.26 min Scan# 676

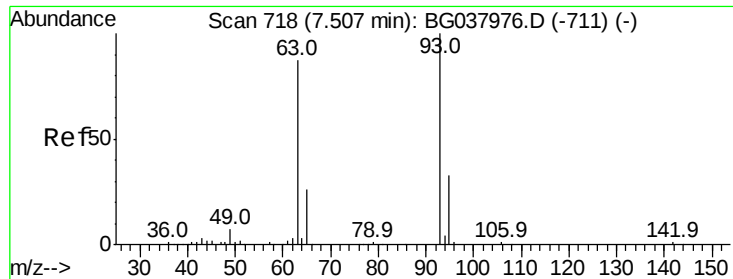
Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.8	9.7	49.7
66	40.9	15.9	55.9





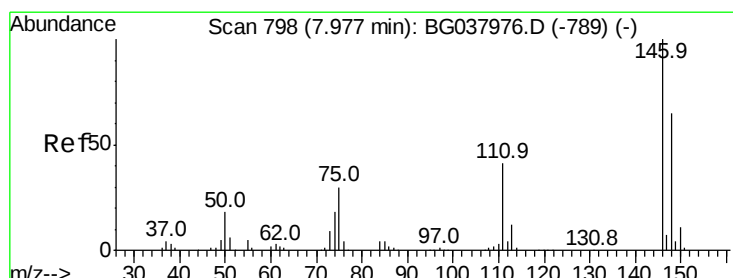
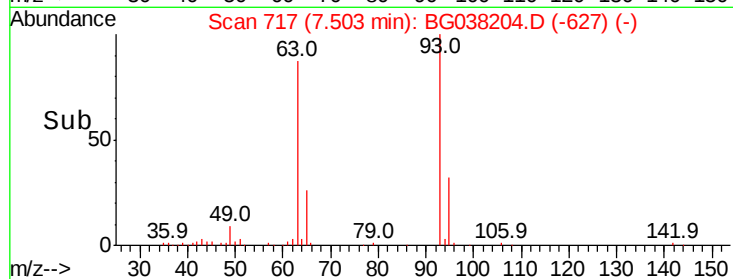
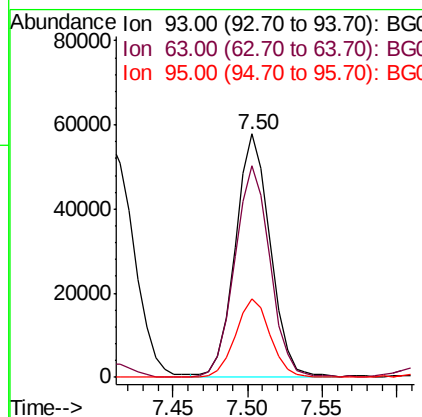
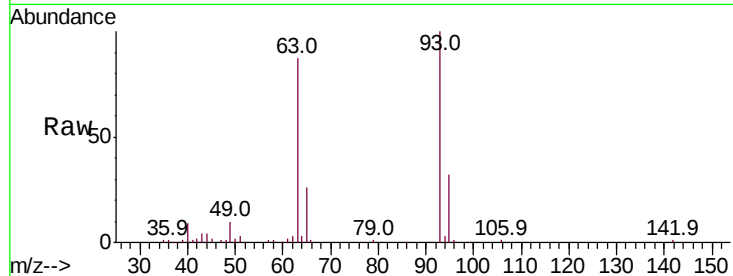
#11
bis(2-Chloroethyl)ether
Concen: 38.609 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.0	69.5	109.5
95	32.2	12.6	52.6

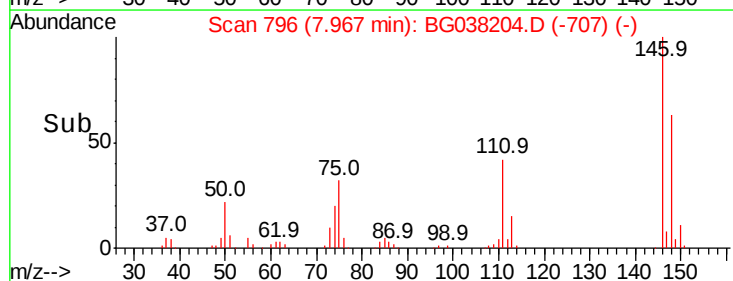
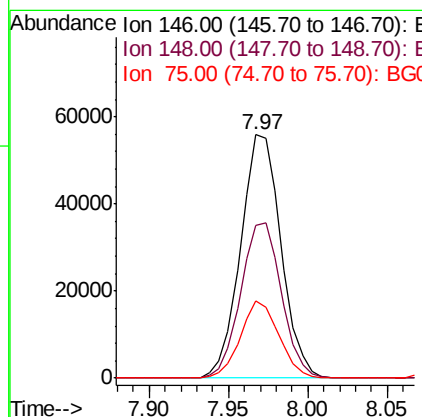
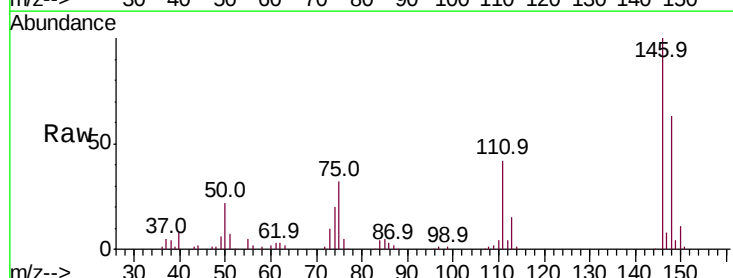
Manual Integrations
APPROVED

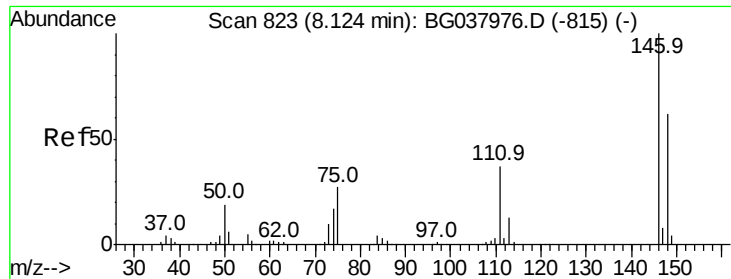
mohammad
11/30/2018 11:41:58 AM



#12
1,3-Dichlorobenzene
Concen: 37.220 ng
RT: 7.97 min Scan# 796
Delta R.T. -0.01 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.8	74.8
75	32.0	23.2	34.8





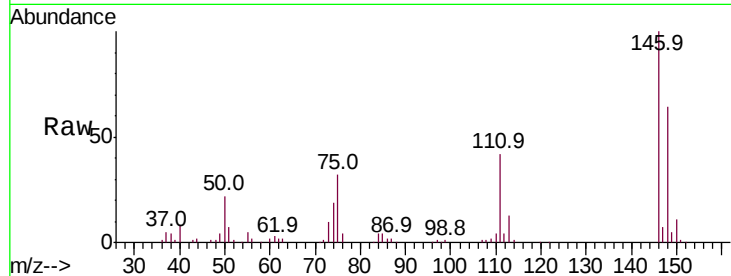
#13
 1,4-Dichlorobenzene
 Concen: 38.363 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.6
111	41.9	32.4	48.6

Manual Integrations
 APPROVED

mohammad
 11/30/2018 11:41:58 AM

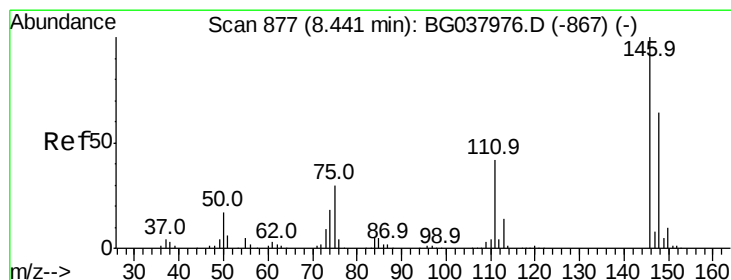
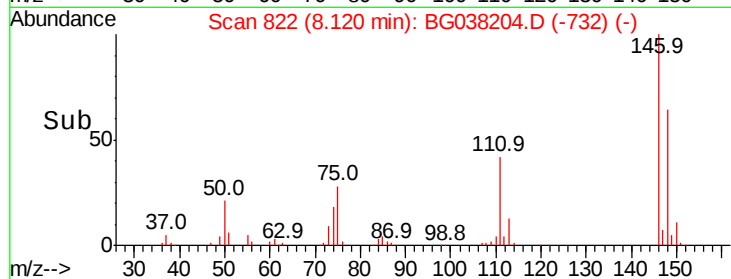
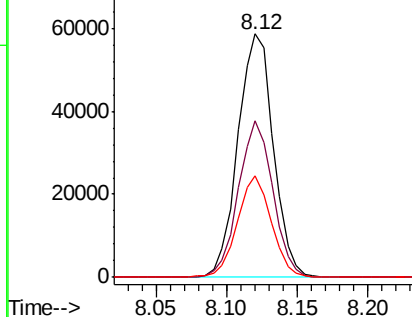


Abundance

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: 38.165 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

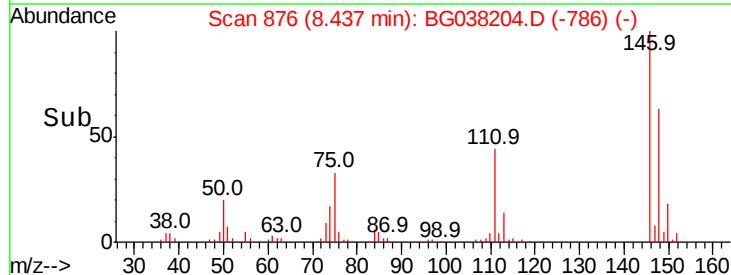
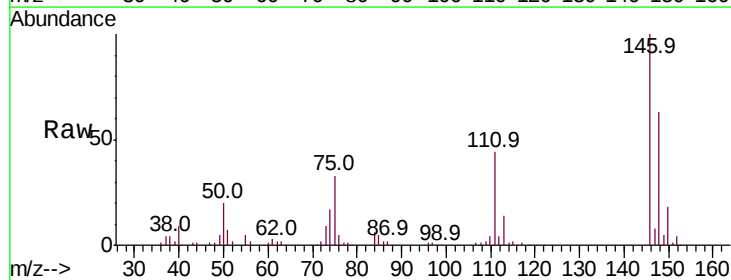
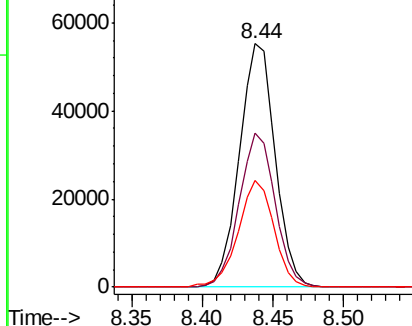
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	43.8	34.6	51.8

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: 44.234 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

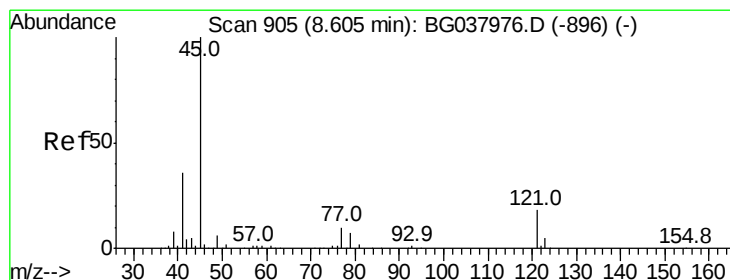
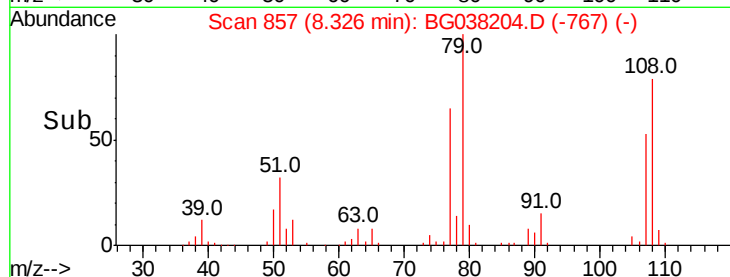
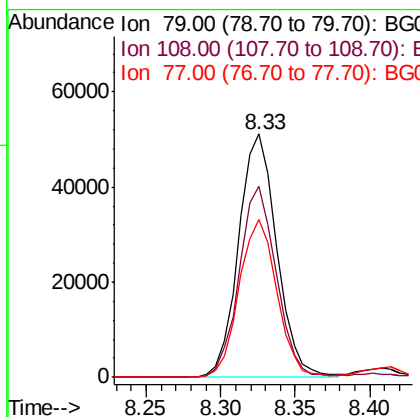
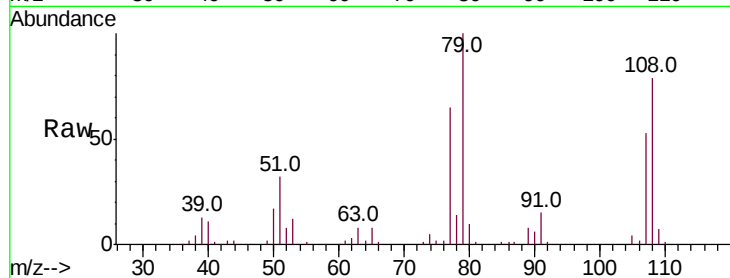
ClientSampleId :

PB115117BS

Tot Ion:	79	Resp:	90752
Ion Ratio	Lower	Upper	
79	100		
108	78.5	65.8	98.8
77	64.8	52.9	79.3

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.274 ng

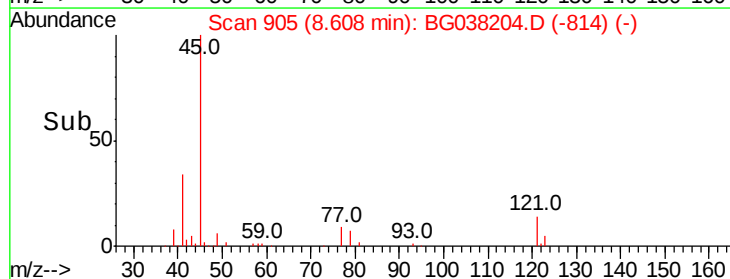
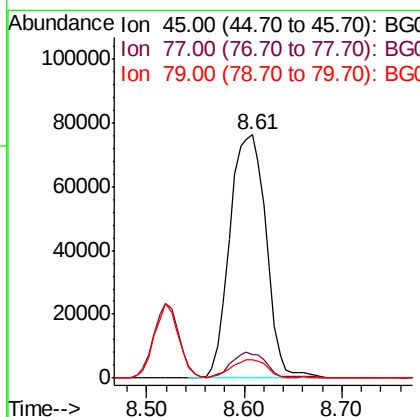
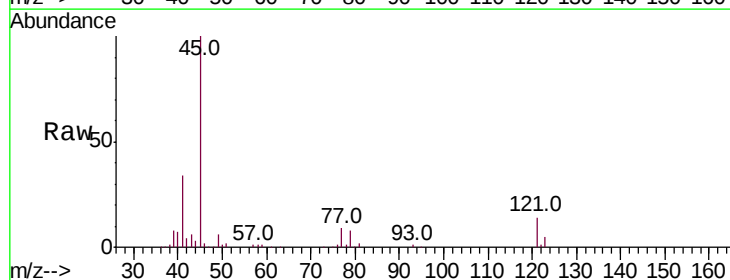
RT: 8.61 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Tgt Ion:	45	Resp:	197014
Ion Ratio	Lower	Upper	
45	100		
77	9.4	0.0	30.0
79	7.8	0.0	29.0





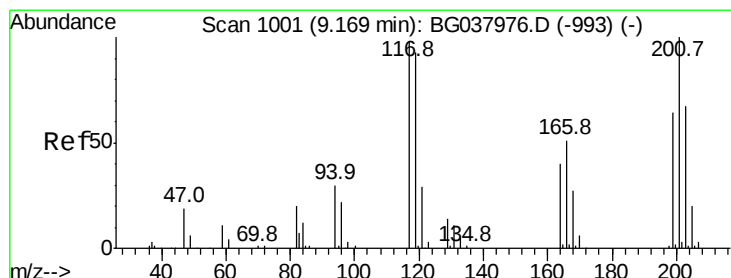
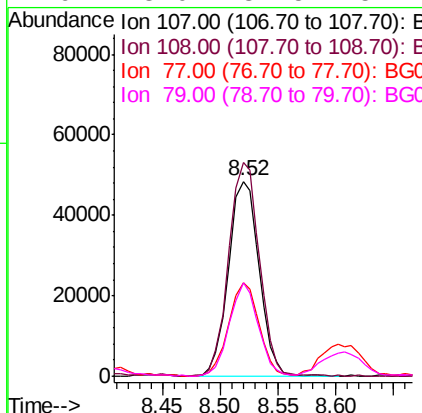
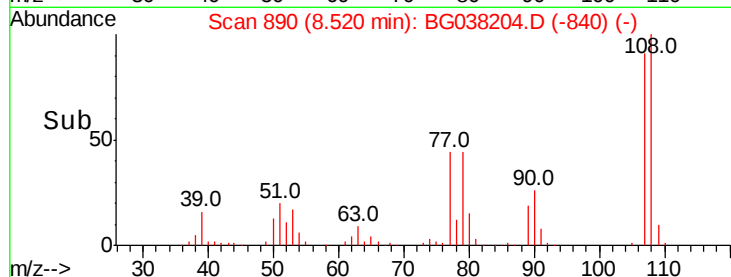
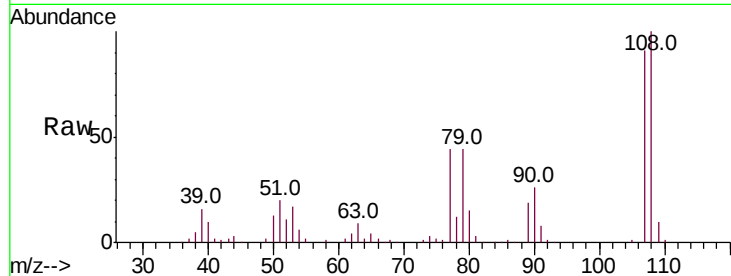
#17
2-Methylphenol
Concen: 43.958 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	107	Resp	89255
Ion Ratio	Lower	Upper	
107	100		
108	109.7	87.9	131.9
77	48.2	35.1	52.7
79	48.0	34.5	51.7

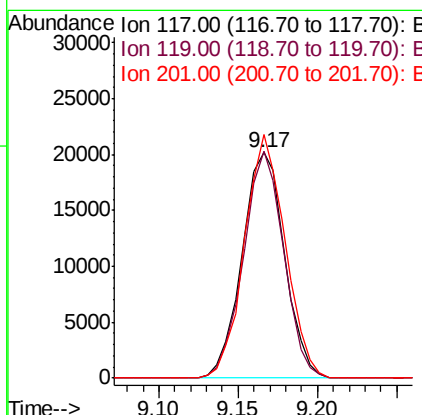
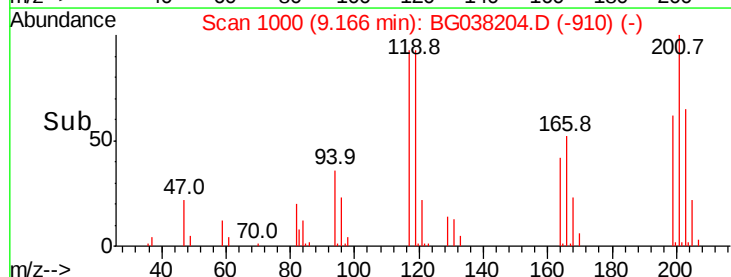
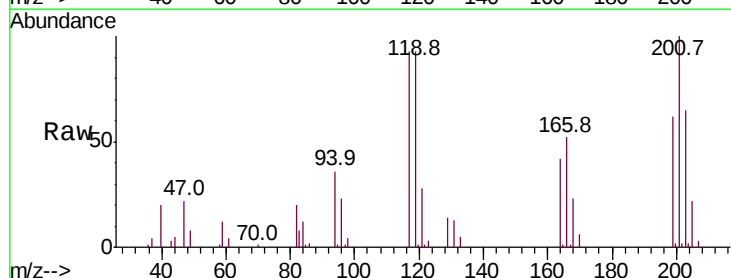
Manual Integrations
APPROVED

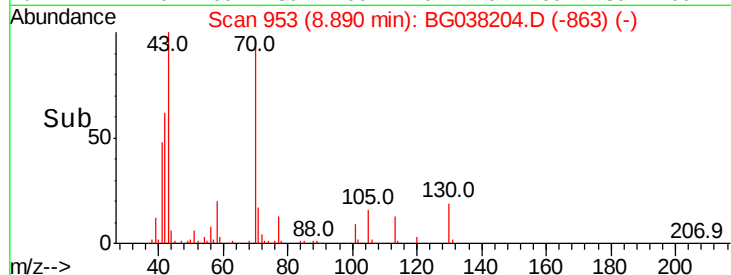
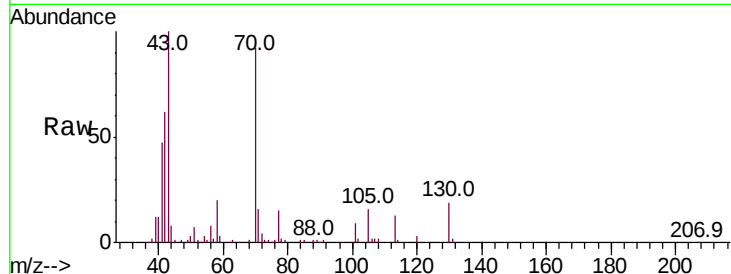
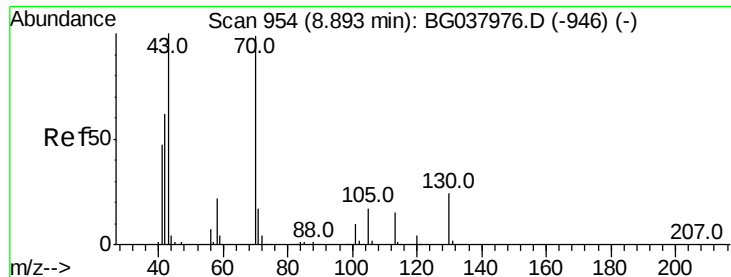
mohammad
11/30/2018 11:41:58 AM



#18
Hexachloroethane
Concen: 38.446 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	117	Resp	37528
Ion Ratio	Lower	Upper	
117	100		
119	100.6	74.6	111.8
201	110.3	80.8	121.2





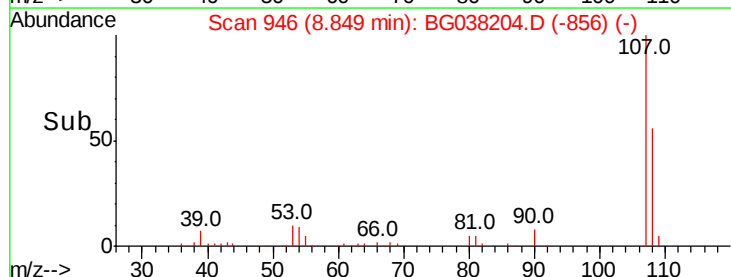
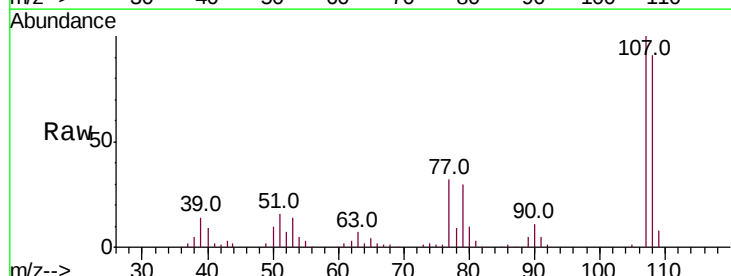
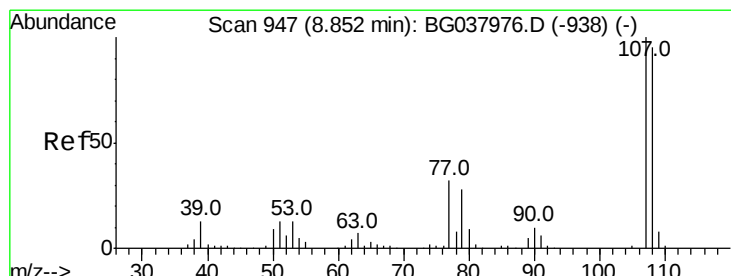
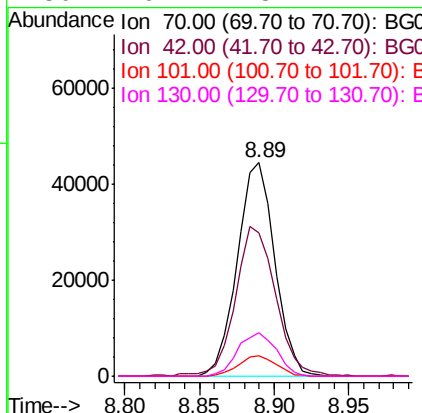
#19
n-Nitroso-di-n-propylamine
Concen: 37.794 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.3	53.9	80.9	
101	9.7	8.2	12.2	
130	20.4	18.2	27.4	

Instrument :
BNA_G
ClientSampleId :
PB115117BS

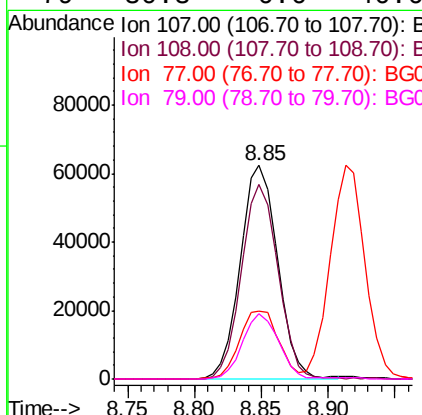
Manual Integrations
APPROVED

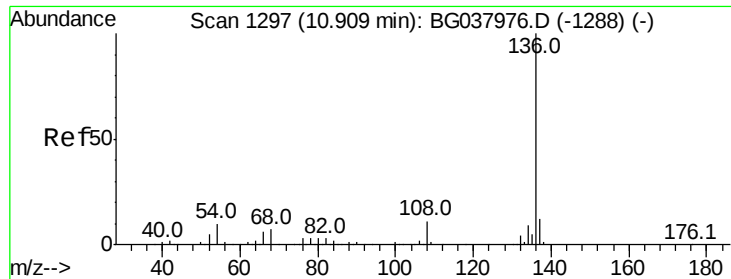
mohammad
11/30/2018 11:41:58 AM



#20
3+4-Methylphenols
Concen: 42.023 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	69.9	109.9	
77	31.9	11.2	51.2	
79	30.3	6.6	46.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

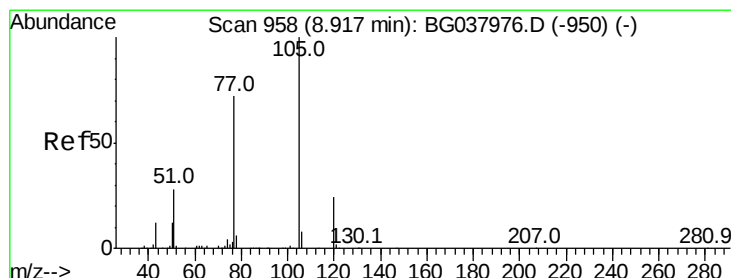
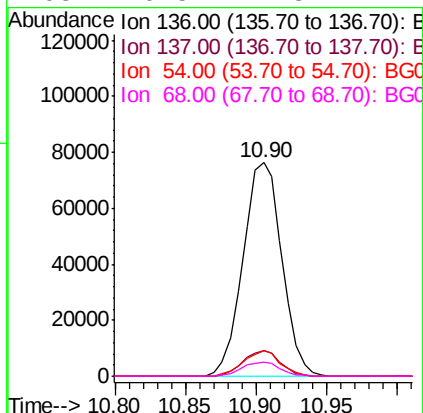
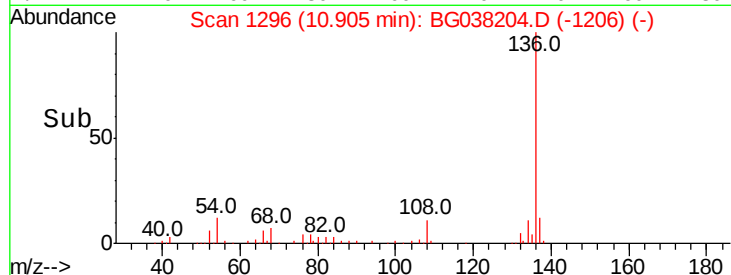
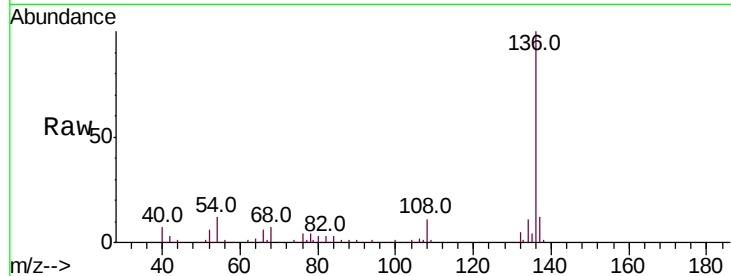
ClientSampleId :

PB115117BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	146658		
137	11.9	9.6	14.4	
54	12.0	7.9	11.9	
68	6.5	4.8	7.2	

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



#22

Acetophenone

Concen: 39.923 ng

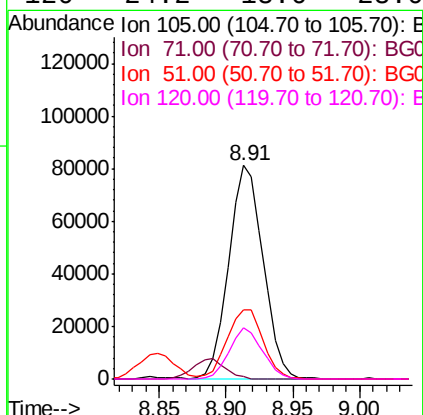
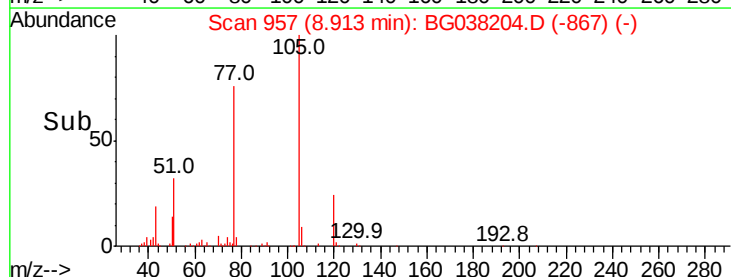
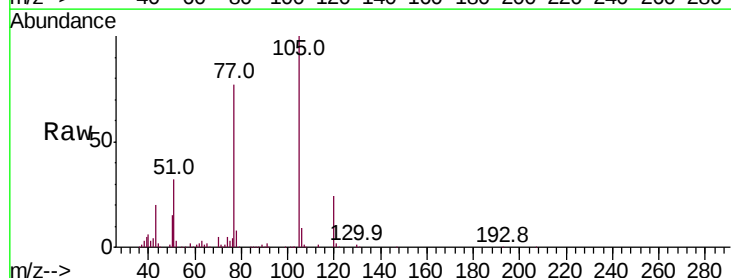
RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	145678		
71	1.0	1.2	1.8	
51	32.5	25.0	37.6	
120	24.2	18.6	28.0	





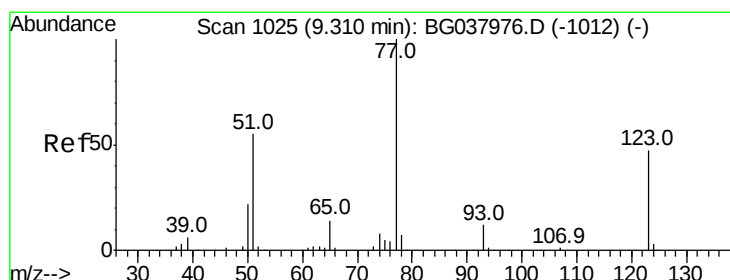
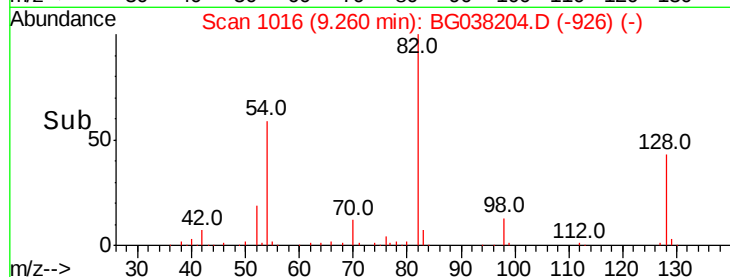
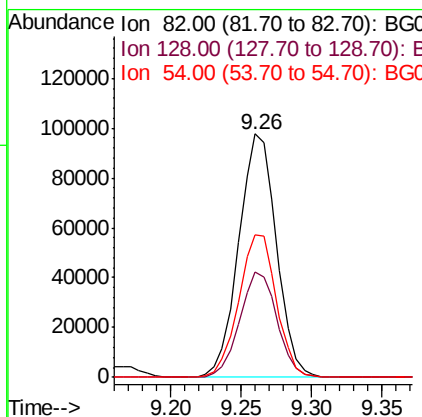
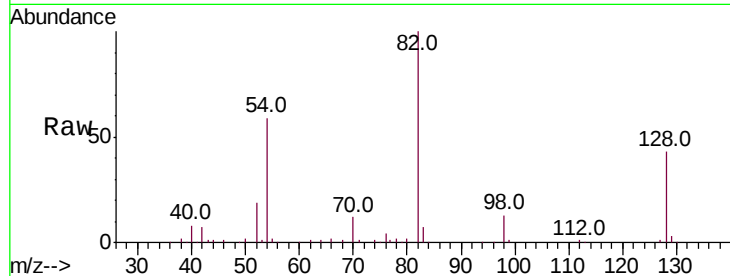
#23
Nitrobenzene-d5
Concen: 66.520 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	51.8
54	58.6	45.3	67.9

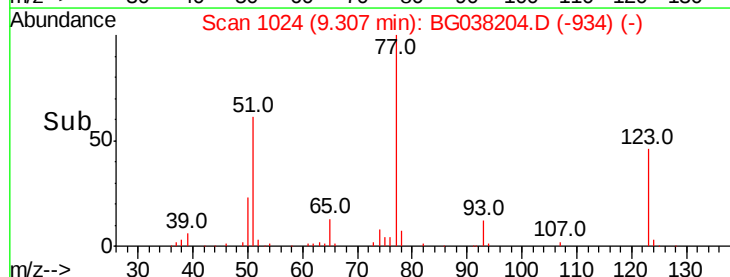
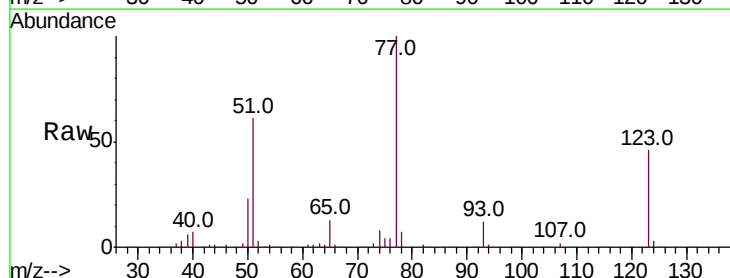
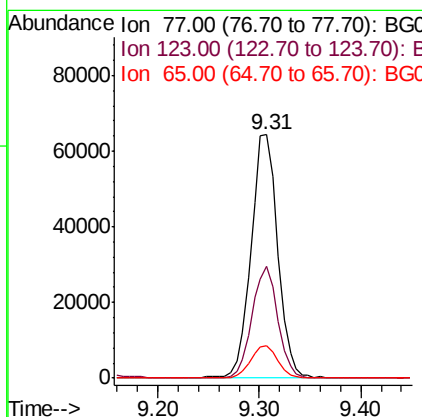
Manual Integrations
APPROVED

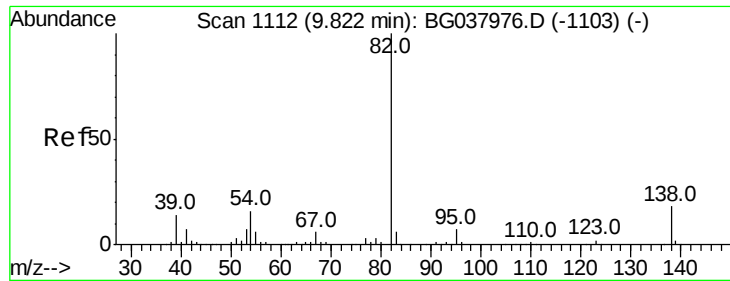
mohammad
11/30/2018 11:41:58 AM



#24
Nitrobenzene
Concen: 41.916 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	33.6	50.4
65	13.3	11.3	16.9





#25

Isophorone

Concen: 43.757 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

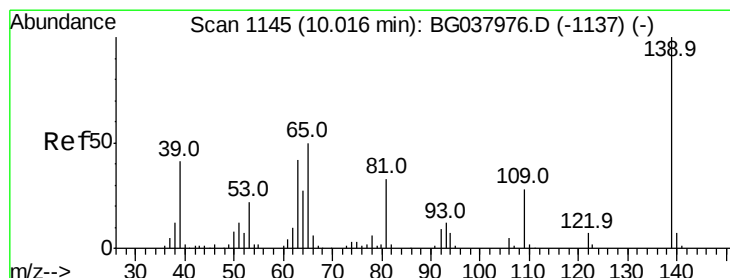
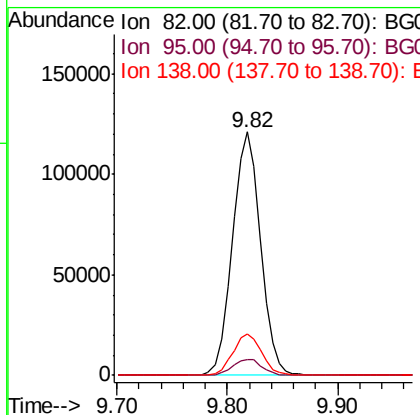
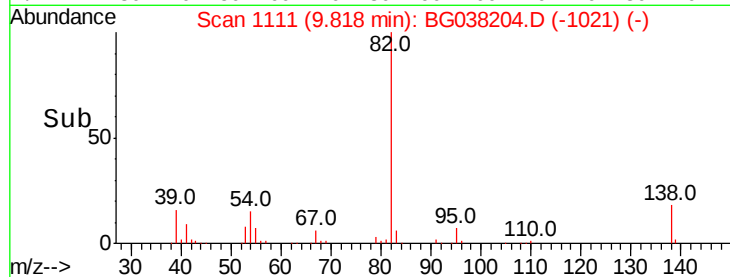
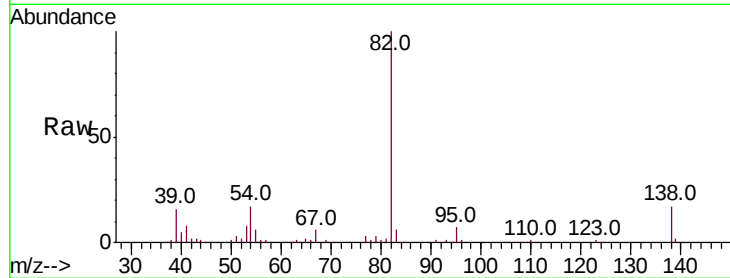
ClientSampleId :

PB115117BS

Tot Ion:	82	Resp:	215776
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	17.2	13.3	19.9

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



#26

2-Nitrophenol

Concen: 40.740 ng

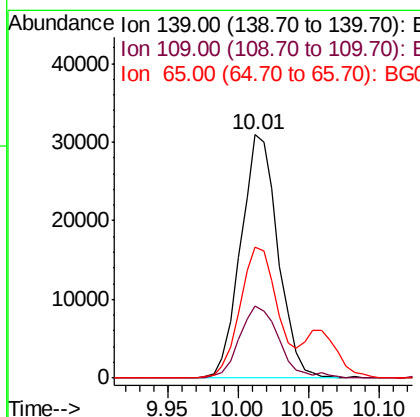
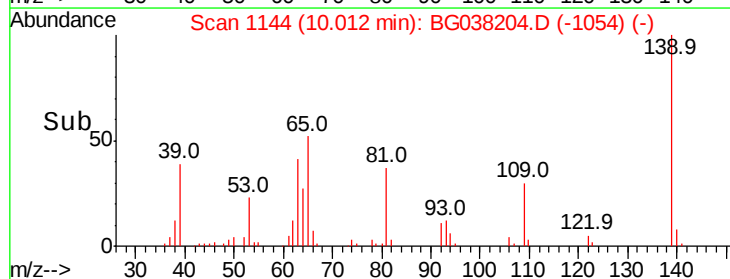
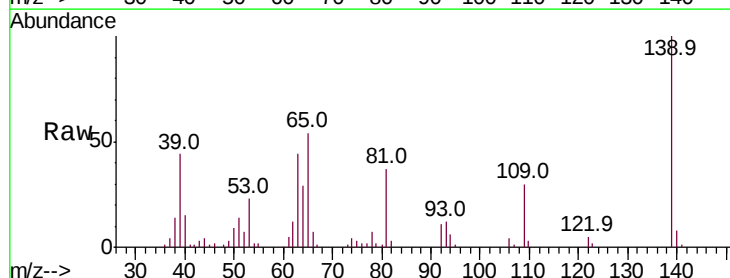
RT: 10.01 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Tgt Ion:	139	Resp:	57001
Ion Ratio	Lower	Upper	
139	100		
109	29.7	23.3	34.9
65	53.6	39.8	59.8





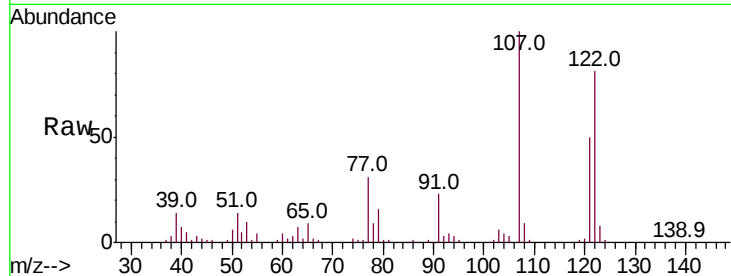
#27
2,4-Dimethylphenol
Concen: 48.211 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.4	94.2	141.2
121	62.1	47.3	70.9

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM

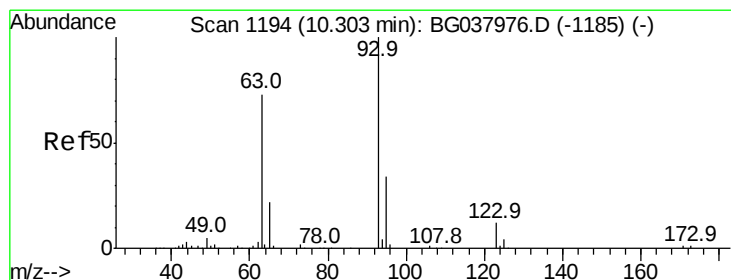
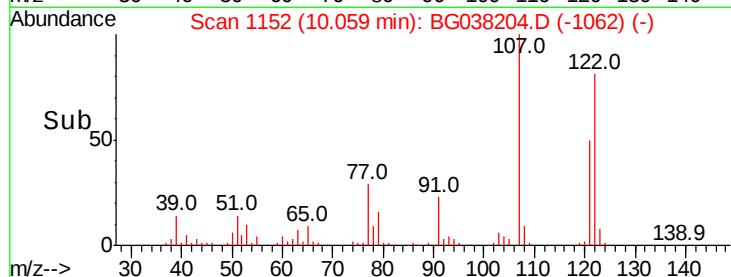
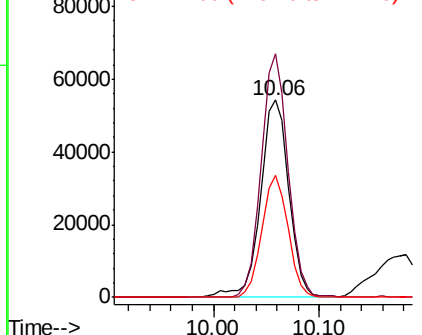


Abundance

Ion 122.00 (121.70 to 122.70): E

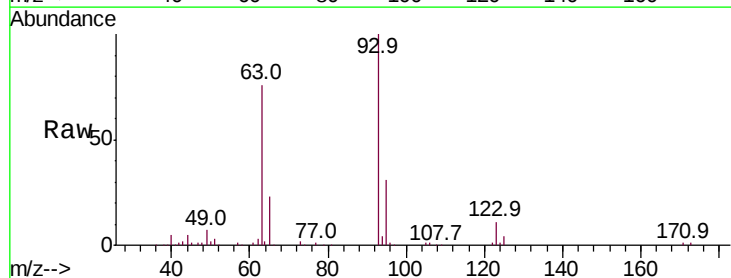
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.691 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	24.6	37.0
123	11.3	9.1	13.7

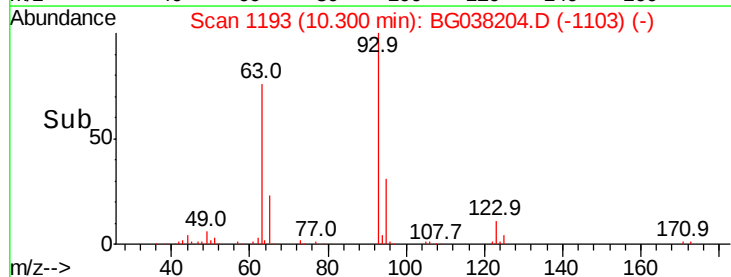
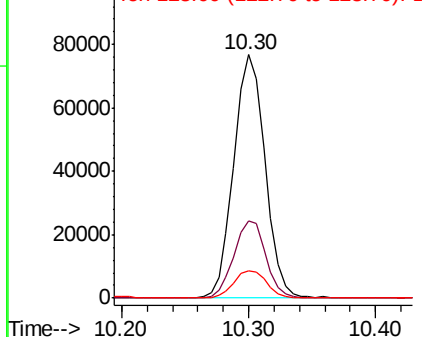


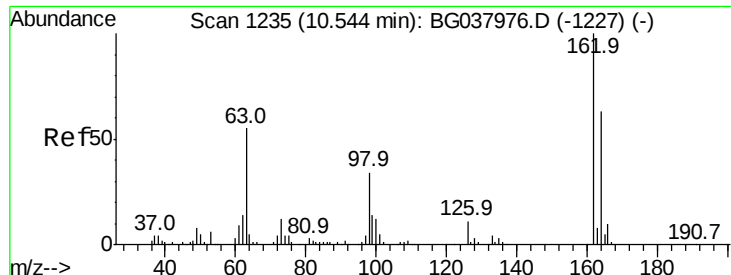
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





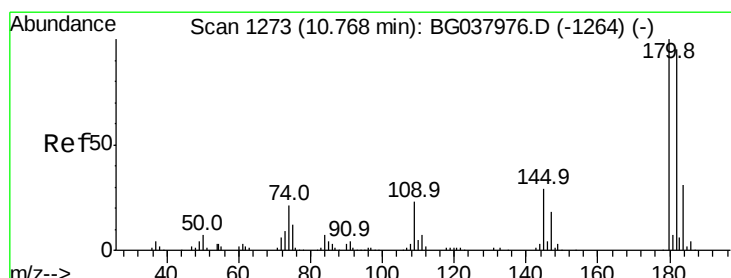
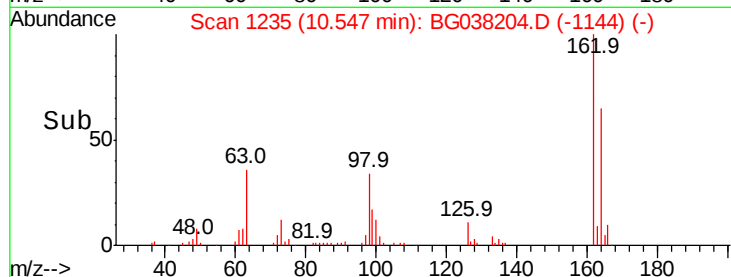
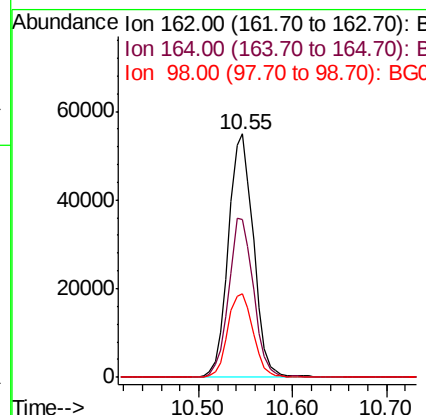
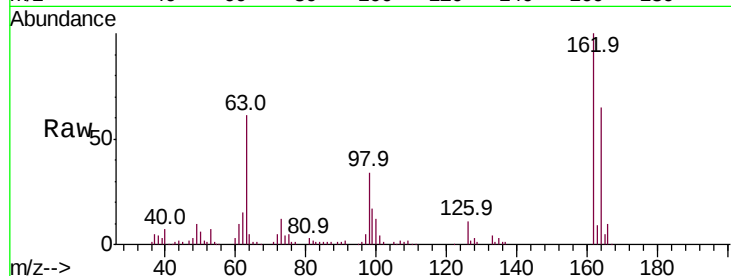
#29
 2,4-Dichlorophenol
 Concen: 42.964 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.9	43.2	83.2	
98	34.4	16.0	56.0	

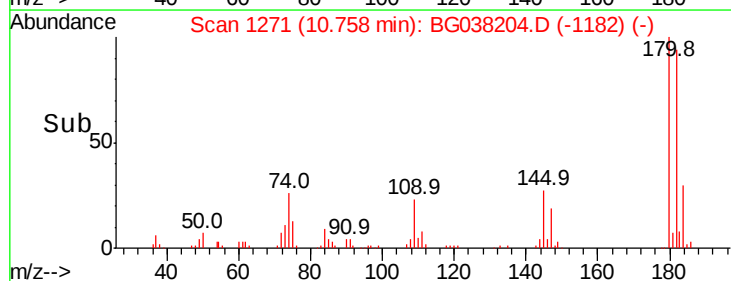
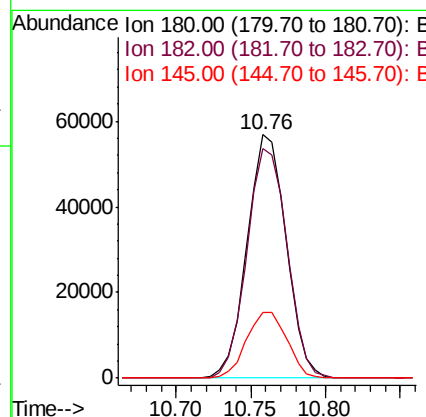
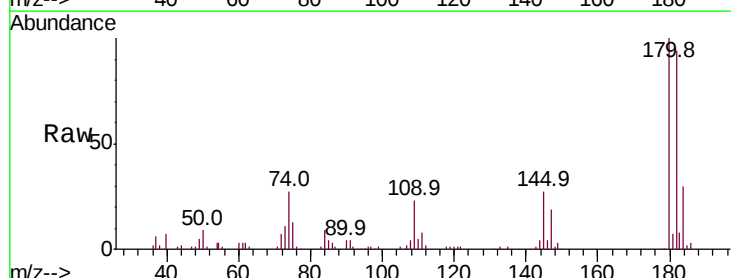
Manual Integrations
 APPROVED

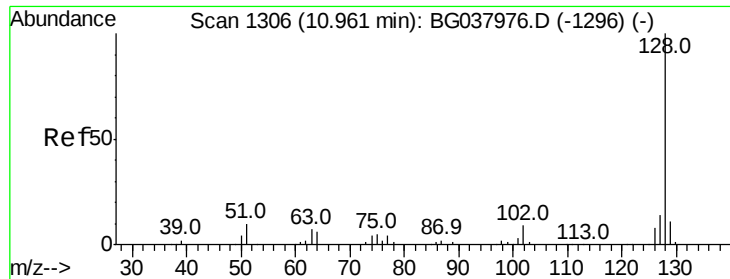
mohammad
 11/30/2018 11:41:58 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.648 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.2	77.7	116.5	
145	27.1	23.3	34.9	





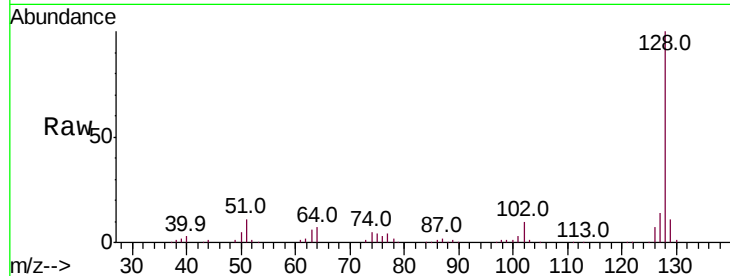
#31
Naphthalene
Concen: 42.465 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	14.3	11.1	16.7

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM

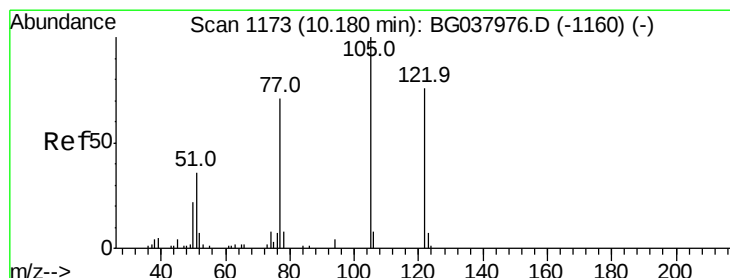
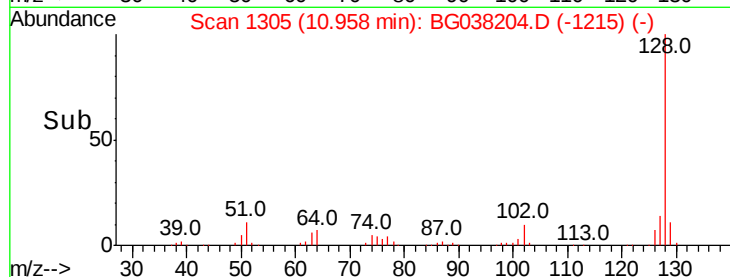
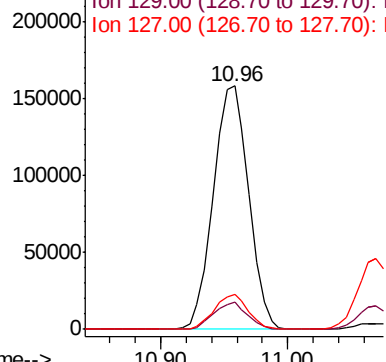


Abundance

Ion 128.00 (127.70 to 128.70): E

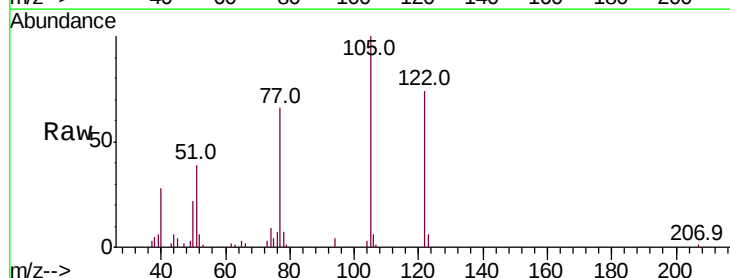
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.712 ng m
RT: 10.18 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.4	106.7	146.7
77	90.0	72.2	112.2

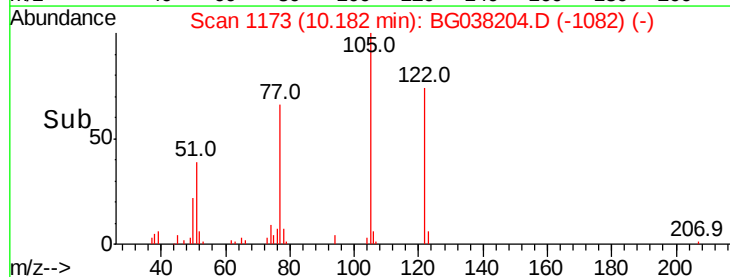
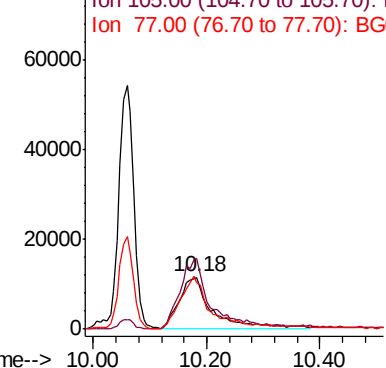


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





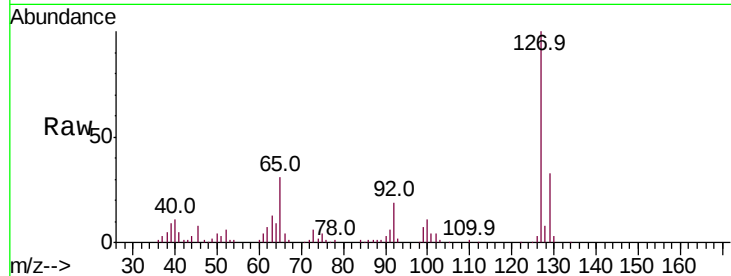
#33
4-Chloroaniline
Concen: 26.336 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

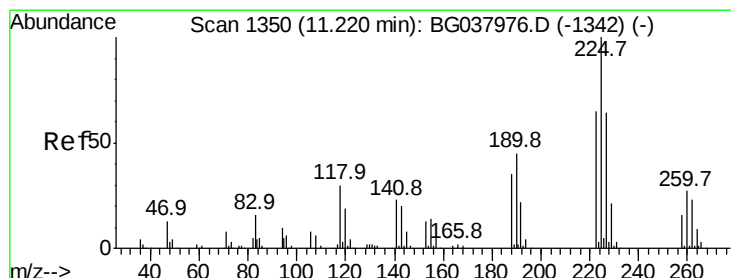
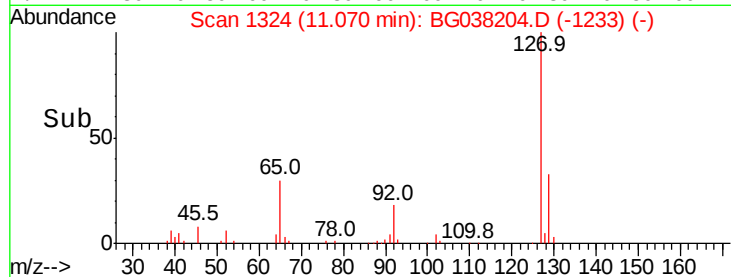
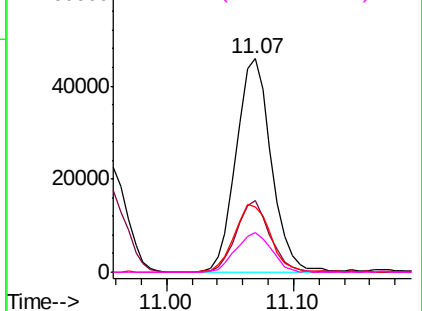
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.1	40.7
65	30.6	26.6	39.8
92	18.5	16.4	24.6

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM

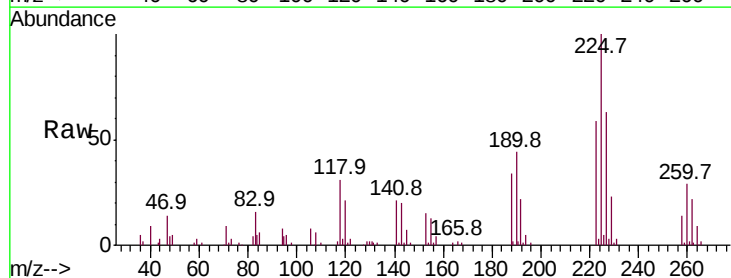


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

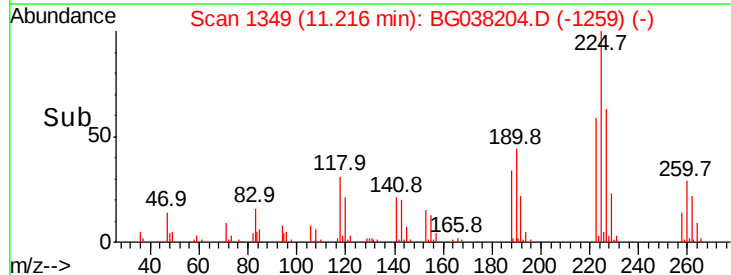
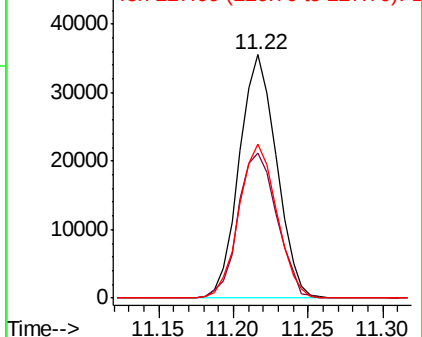


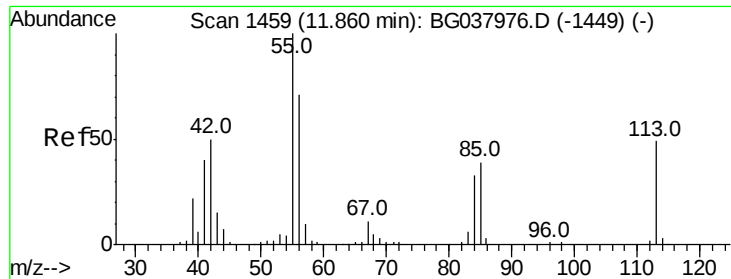
#34
Hexachlorobutadiene
Concen: 37.689 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.3	48.2	72.4
227	63.2	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.943 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

Tot Ion:113 Resp: 36012

Ion Ratio Lower Upper

113 100

55 227.4 176.6 216.6#

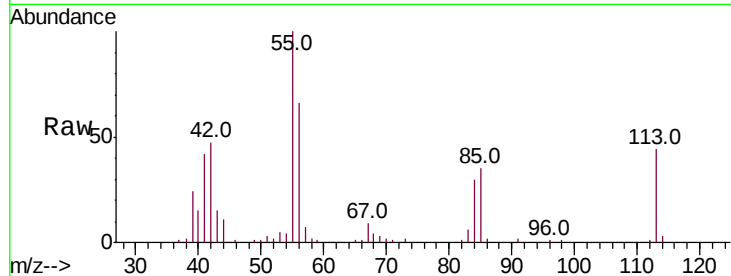
56 149.5 128.3 168.3

Manual Integrations

APPROVED

mohammad

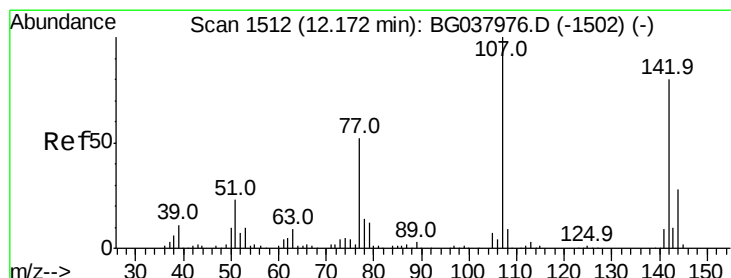
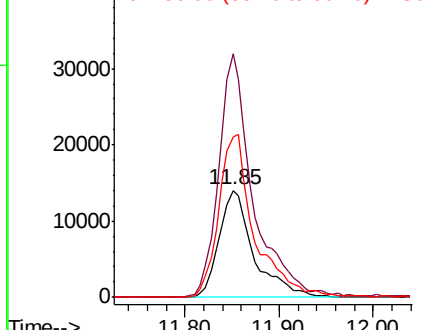
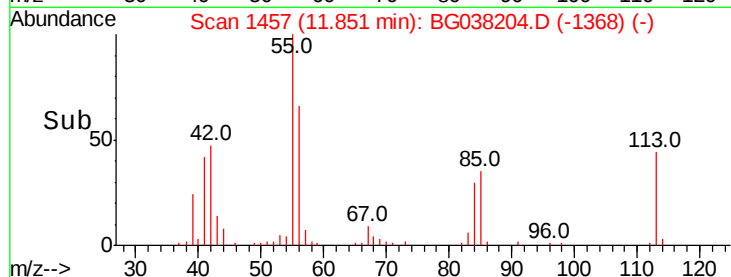
11/30/2018 11:41:58 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037976.D (-1449) (-)

Ion 56.00 (55.70 to 56.70): BG037976.D (-1449) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.018 ng

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

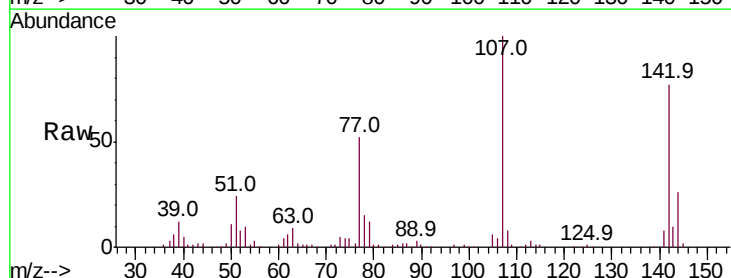
Tgt Ion:107 Resp: 111438

Ion Ratio Lower Upper

107 100

144 26.0 20.7 31.1

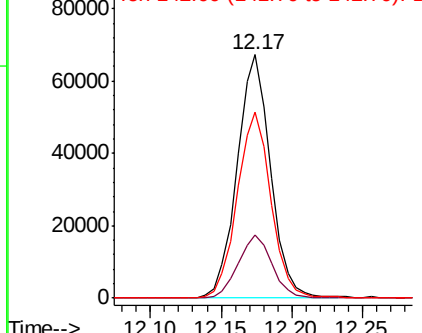
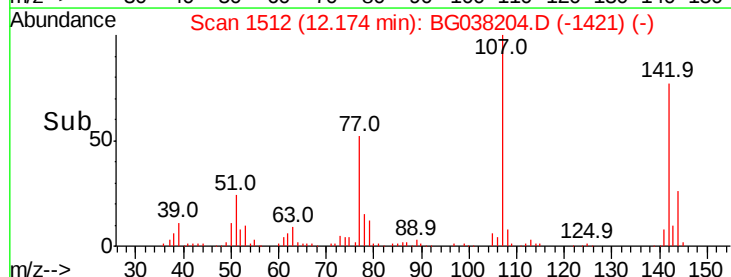
142 76.5 64.4 96.6

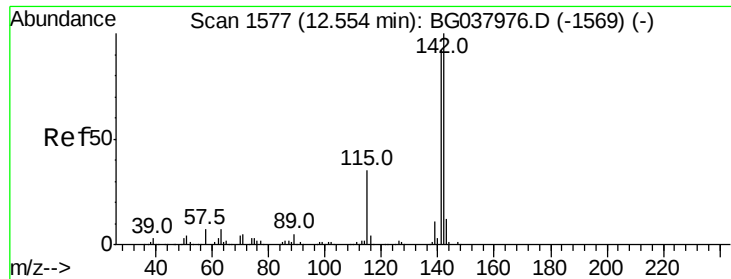


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





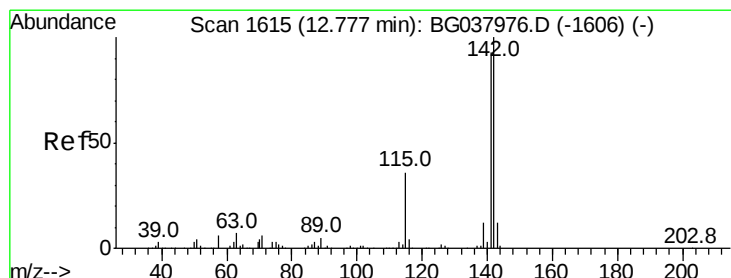
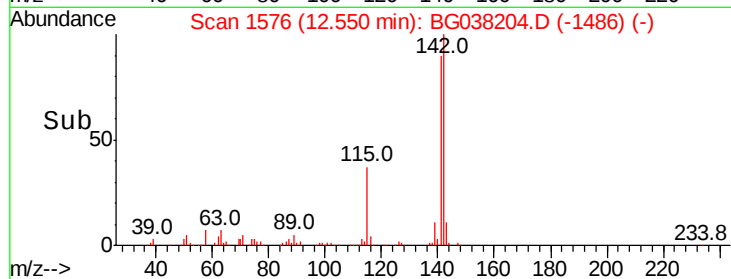
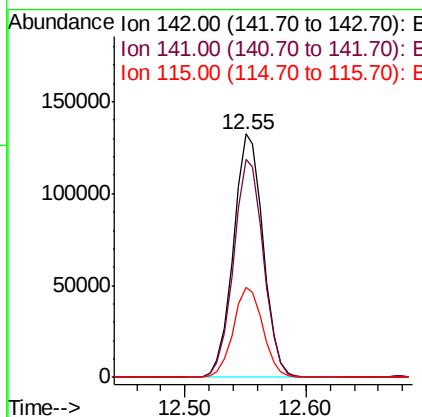
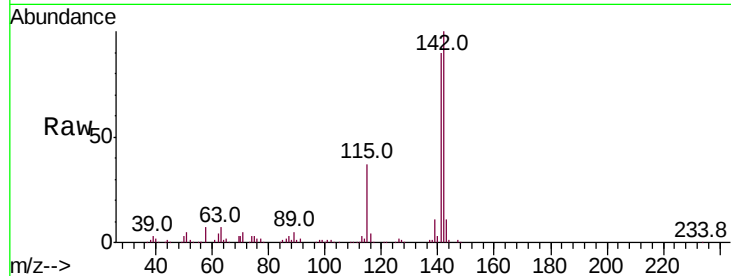
#37
2-Methylnaphthalene
Concen: 43.796 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.9	107.9
115	37.2	27.8	41.8

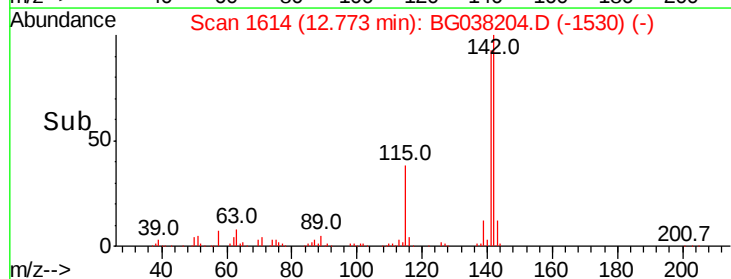
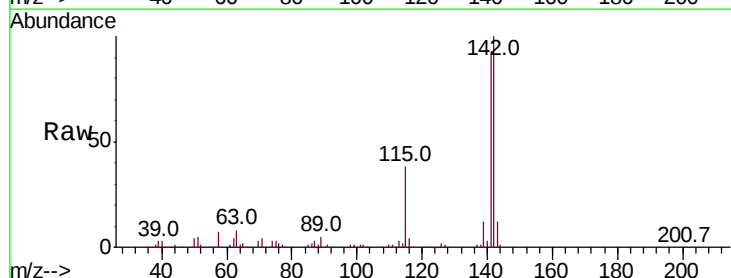
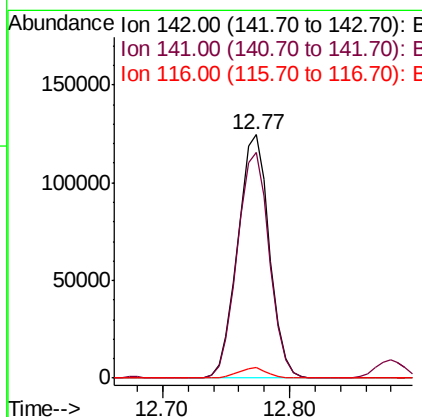
Manual Integrations
APPROVED

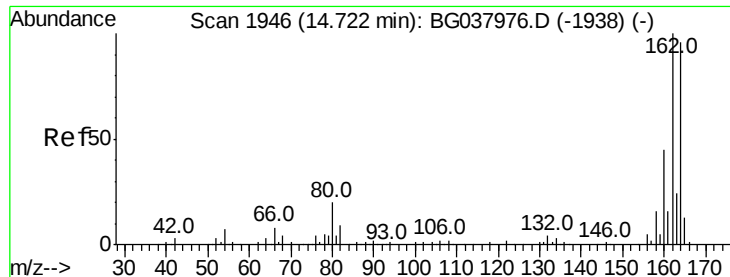
mohammad
11/30/2018 11:41:58 AM



#38
1-Methylnaphthalene
Concen: 43.054 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.2	112.8
116	4.2	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

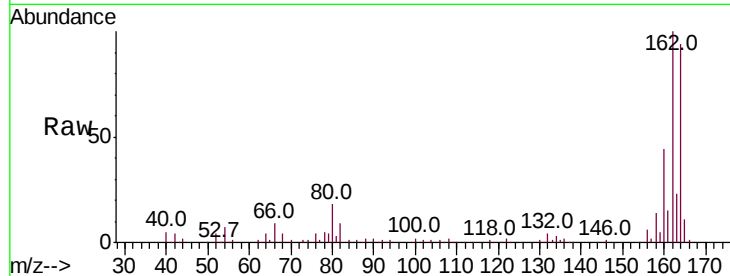
ClientSampleId :

PB115117BS

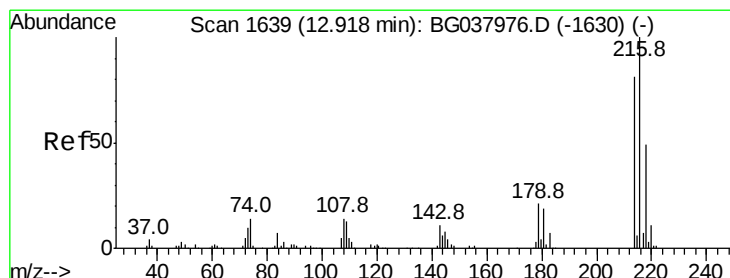
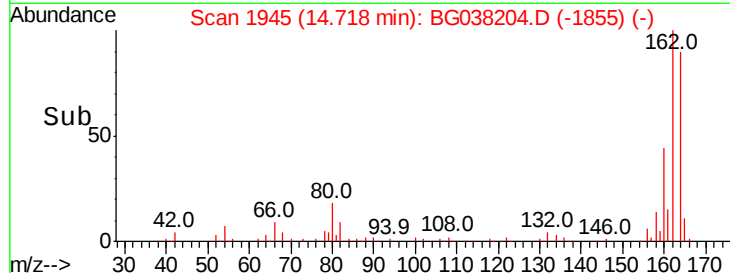
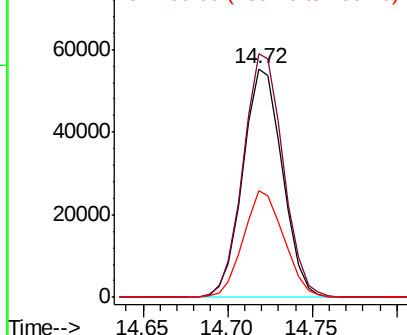
Tot Ion:	164	Resp:	90081
Ion Ratio	Lower	Upper	
164	100		
162	106.6	81.3	121.9
160	46.9	36.3	54.5

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 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: 39.300 ng

RT: 12.91 min Scan# 1638

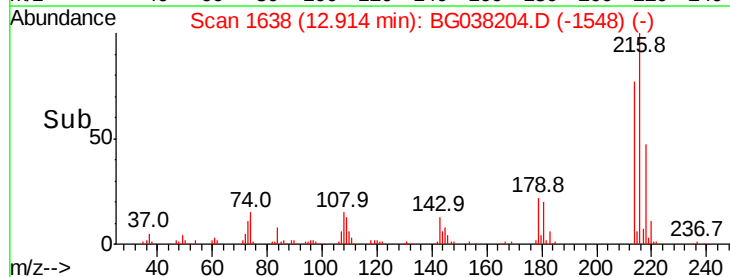
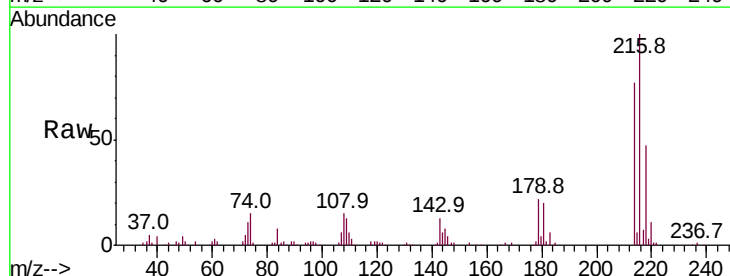
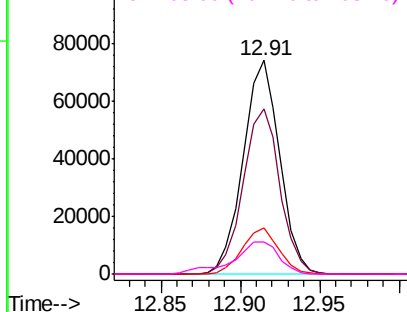
Delta R.T. -0.00 min

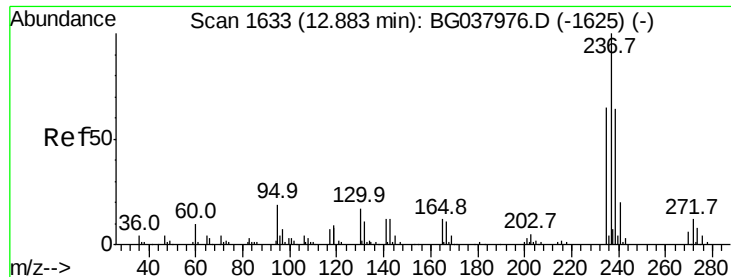
Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Tgt Ion:	216	Resp:	118297
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.8	95.6
179	21.5	17.4	26.0
108	18.8	13.9	20.9

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: 78.412 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

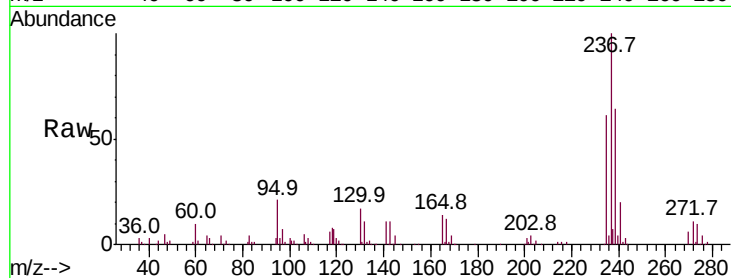
ClientSampleId :

PB115117BS

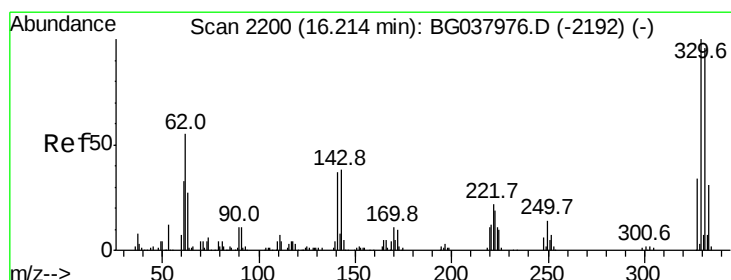
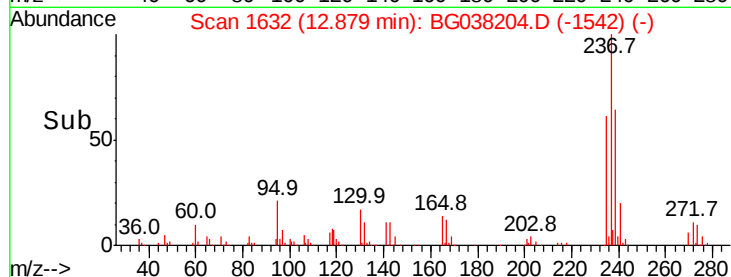
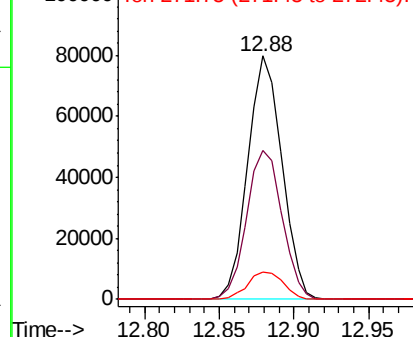
Tot Ion:	237	Resp:	126387
Ion Ratio		Lower	Upper
237	100		
235	61.1	42.5	82.5
272	11.4	0.0	31.6

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 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: 127.767 ng

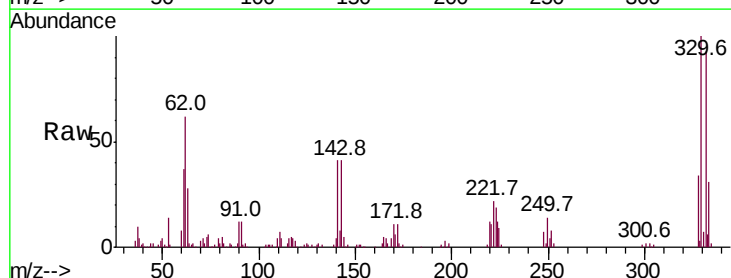
RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

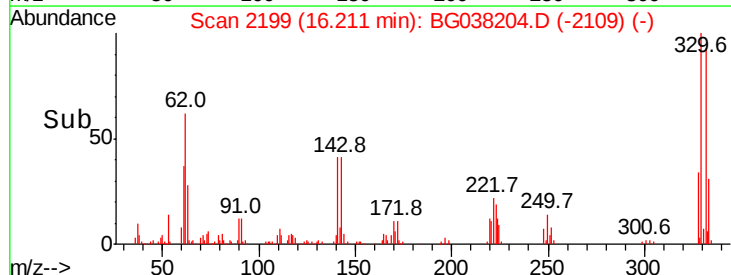
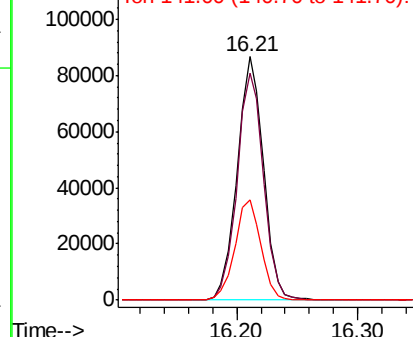
Lab File: BG038204.D

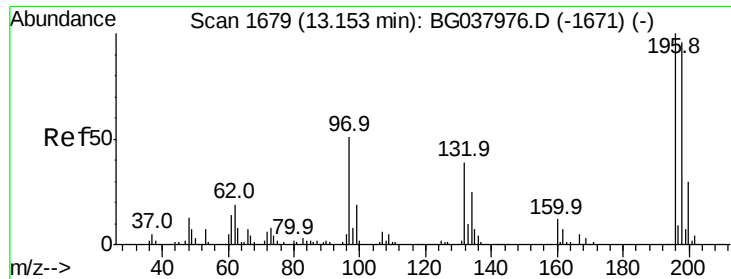
Acq: 28 Nov 2018 17:54

Tgt Ion:	330	Resp:	131262
Ion Ratio		Lower	Upper
330	100		
332	93.9	78.4	117.6
141	40.8	32.2	48.2



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





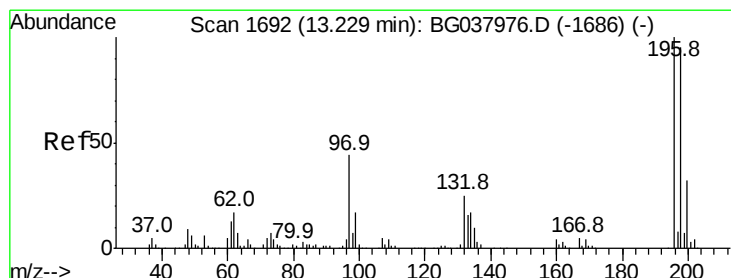
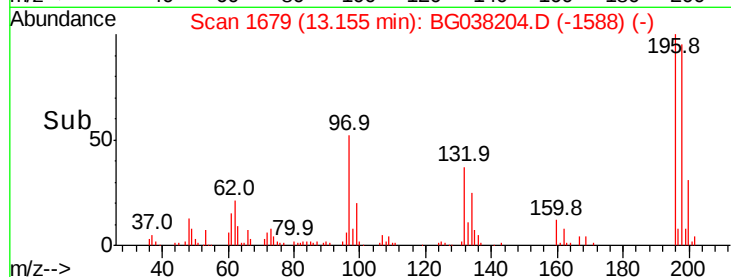
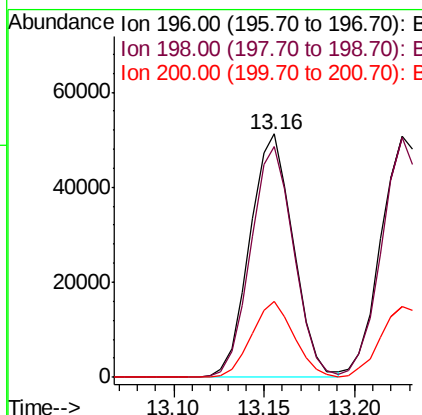
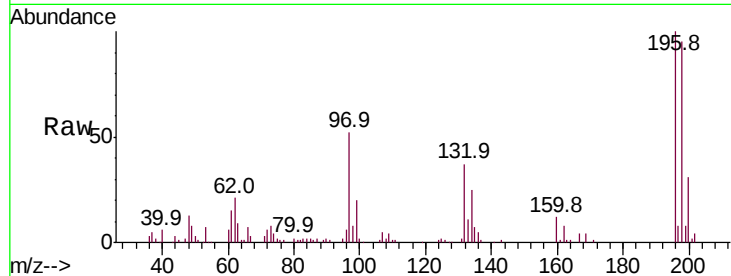
#43
 2,4,6-Trichlorophenol
 Concen: 41.453 ng
 RT: 13.16 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	85028		
198	94.8	76.4	114.6	
200	31.2	24.9	37.3	

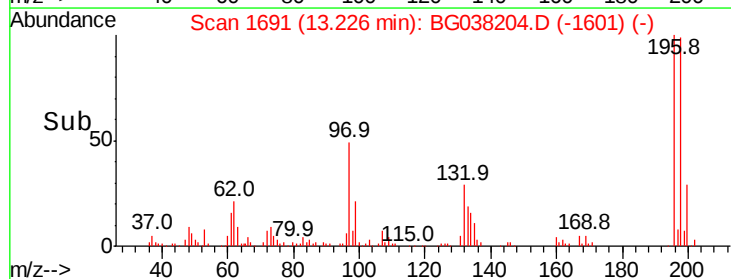
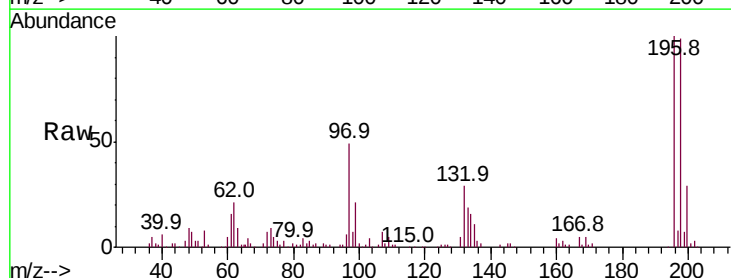
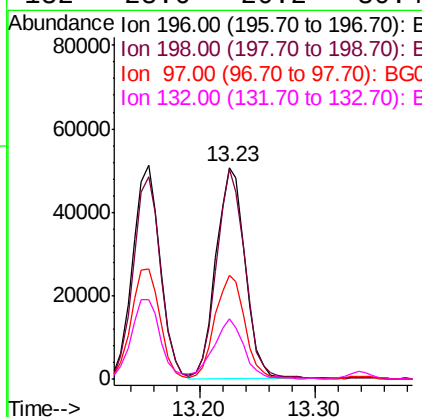
Manual Integrations
 APPROVED

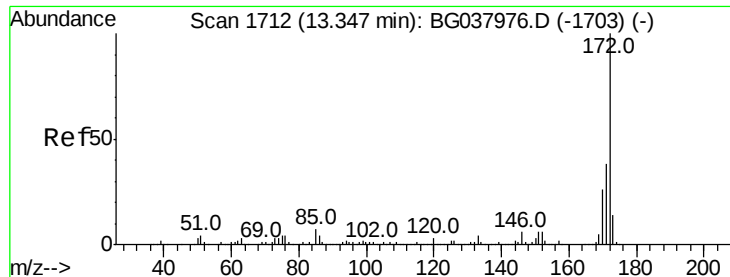
mohammad
 11/30/2018 11:41:58 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.892 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88254		
198	99.5	74.2	111.2	
97	48.9	34.1	51.1	
132	28.6	20.2	30.4	





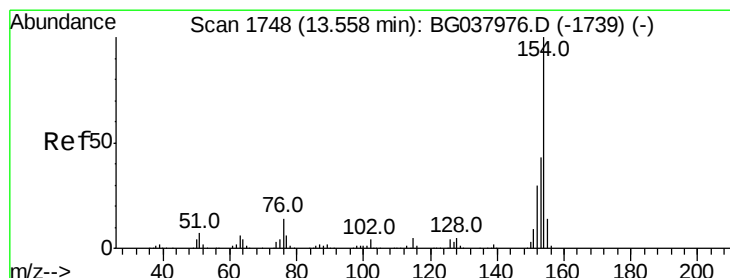
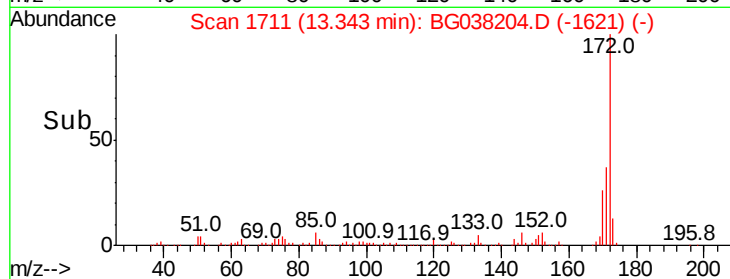
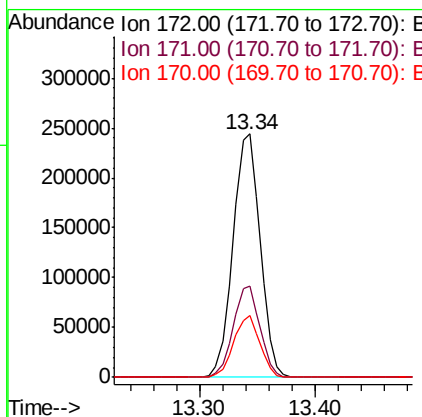
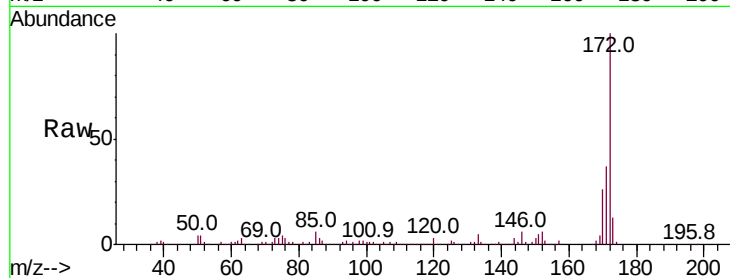
#45
2-Fluorobiphenyl
Concen: 64.049 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.0	46.4
170	25.6	20.2	30.2

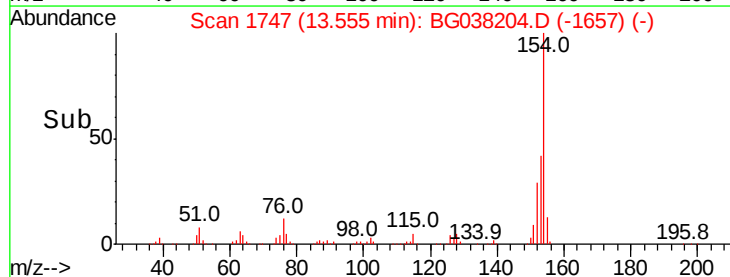
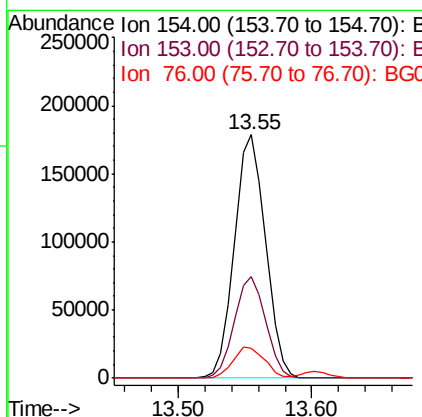
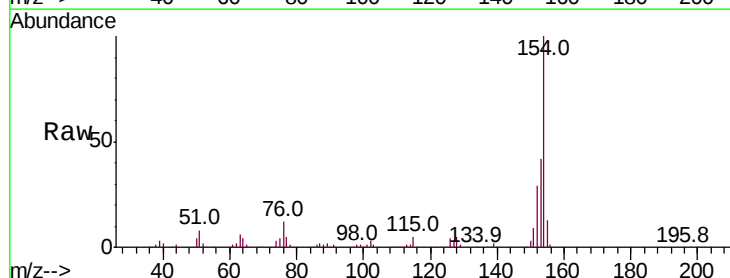
Manual Integrations
APPROVED

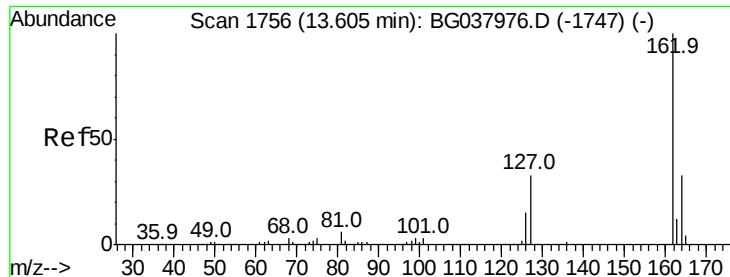
mohammad
11/30/2018 11:41:58 AM



#46
1,1'-Biphenyl
Concen: 38.103 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.1	62.1
76	12.4	0.0	33.2





#47

2-Chloronaphthalene

Concen: 39.546 ng

RT: 13.60 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

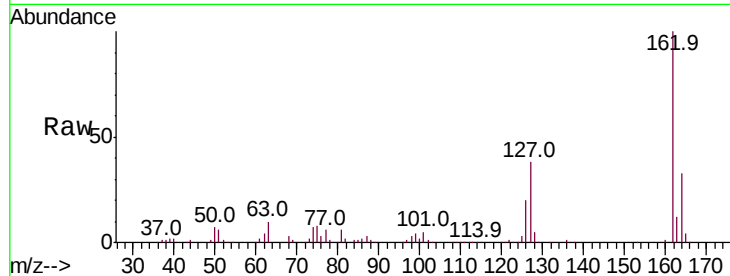
ClientSampleId :

PB115117BS

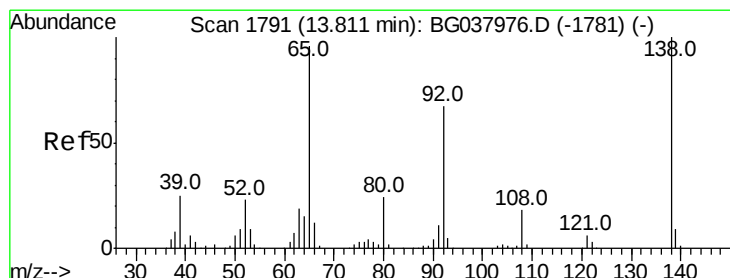
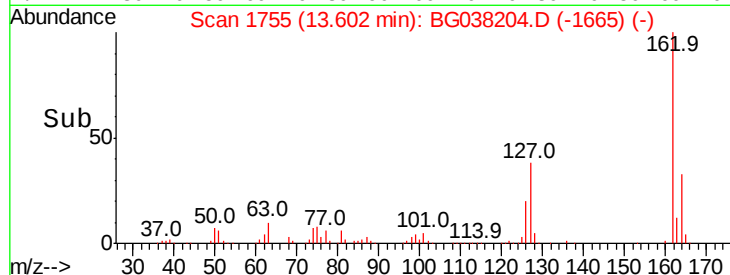
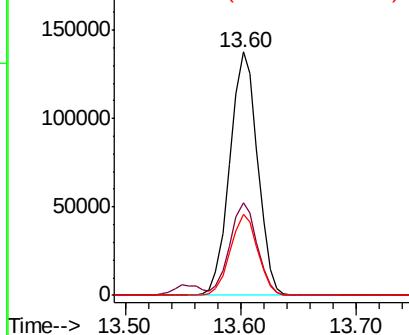
Tot Ion:	162	Resp:	228374
Ion Ratio	Lower	Upper	
162	100		
127	38.1	30.5	45.7
164	33.3	26.4	39.6

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.871 ng

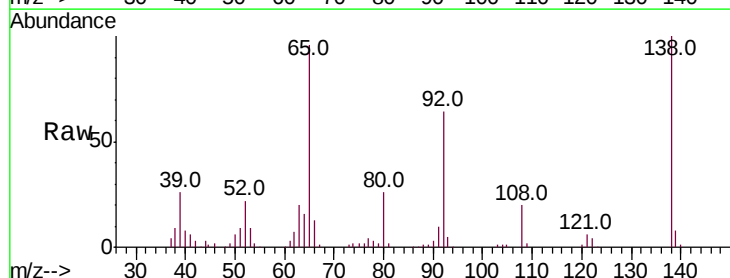
RT: 13.81 min Scan# 1791

Delta R.T. 0.00 min

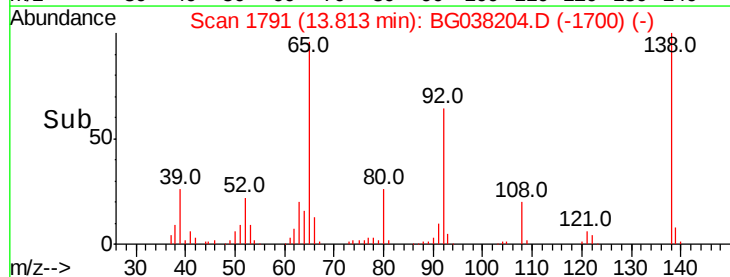
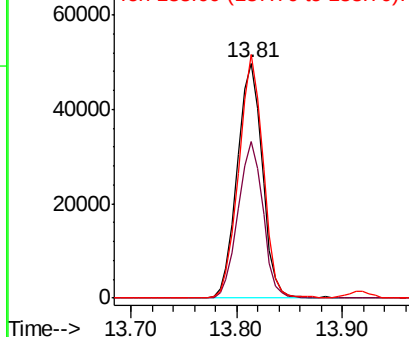
Lab File: BG038204.D

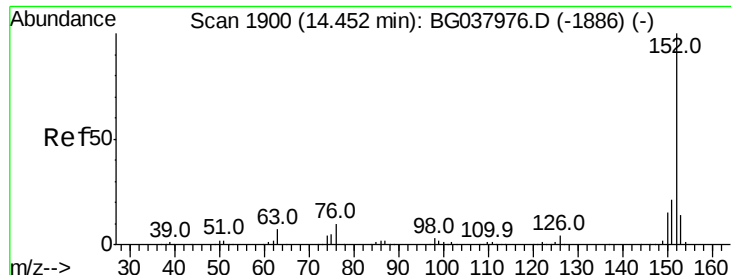
Acq: 28 Nov 2018 17:54

Tgt Ion:	65	Resp:	81554
Ion Ratio	Lower	Upper	
65	100		
92	66.5	53.2	79.8
138	103.7	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.679 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

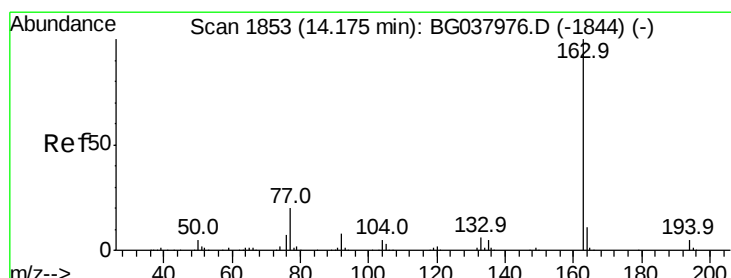
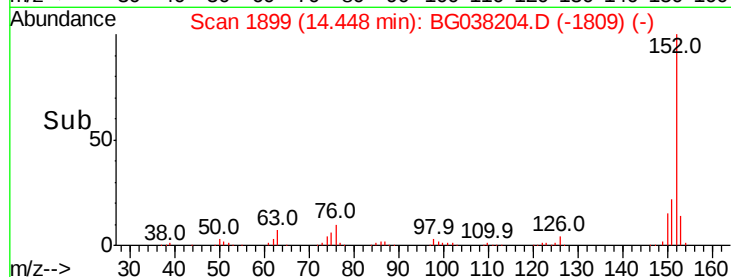
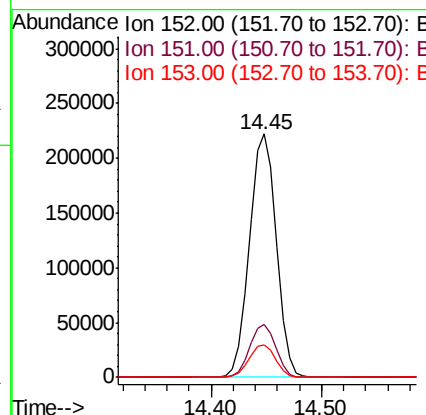
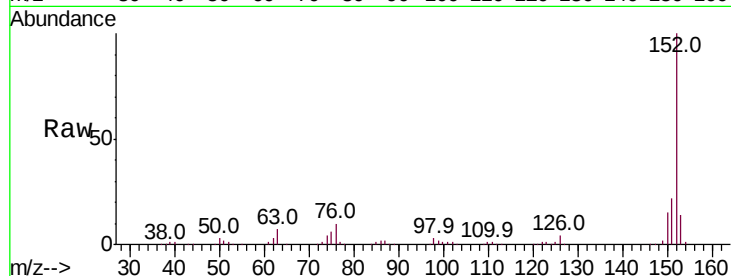
ClientSampleId :

PB115117BS

Tot Ion:	152	Resp:	379316
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.1	25.7
153	13.6	11.1	16.7

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



#50

Dimethylphthalate

Concen: 41.347 ng

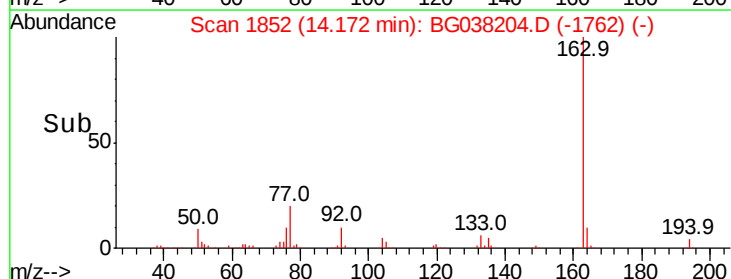
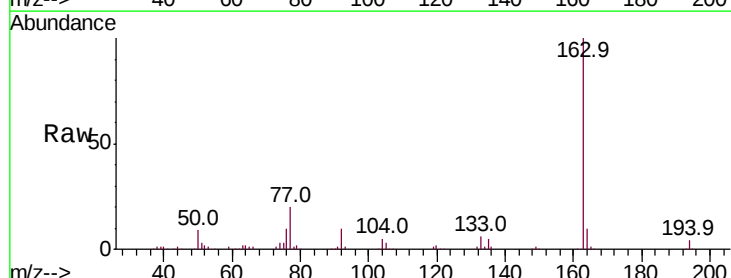
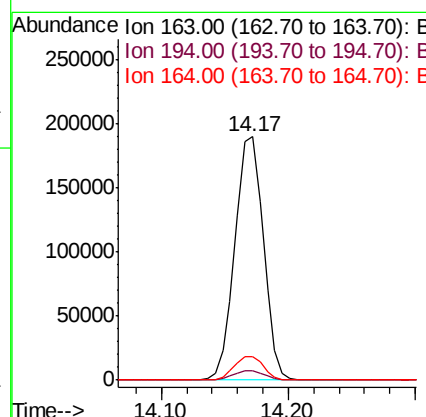
RT: 14.17 min Scan# 1852

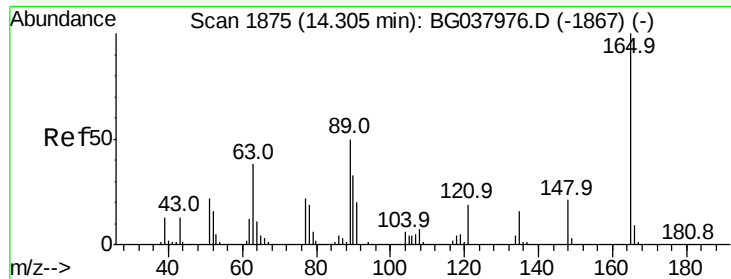
Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Tgt Ion:	163	Resp:	295272
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.5	5.3
164	9.7	8.5	12.7





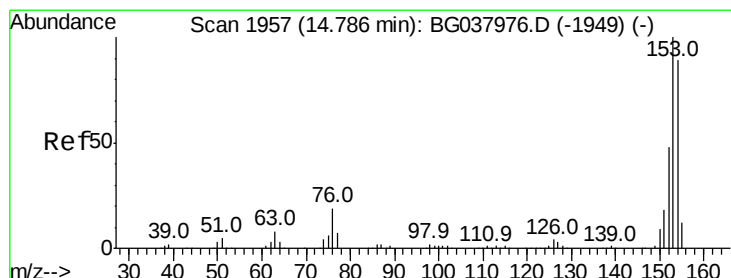
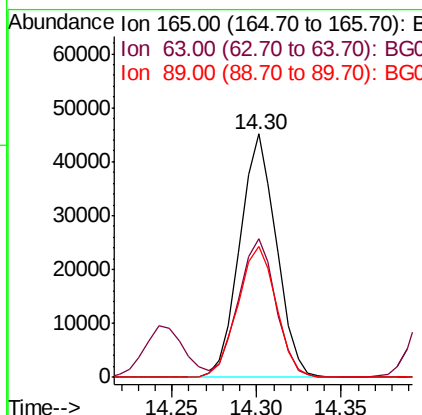
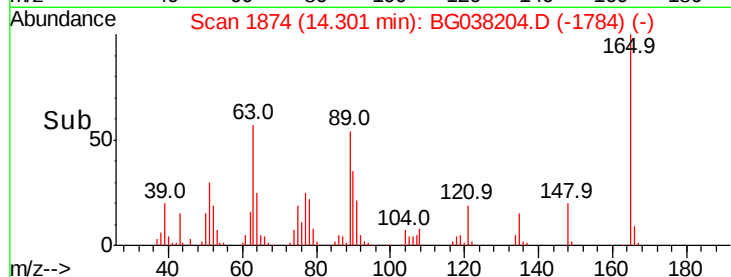
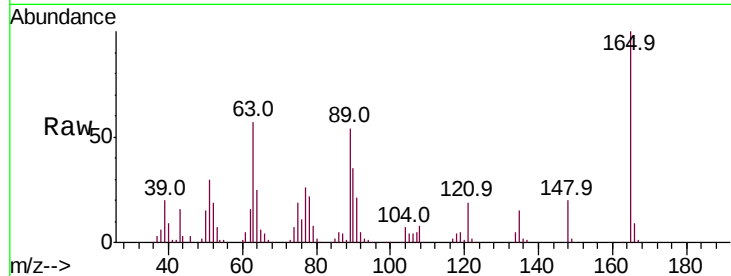
#51
2,6-Dinitrotoluene
Concen: 41.999 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.7	43.4	65.2
89	53.9	45.8	68.6

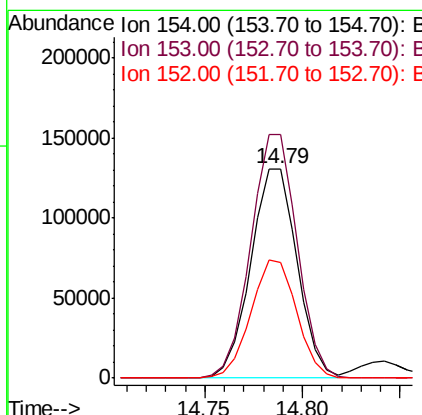
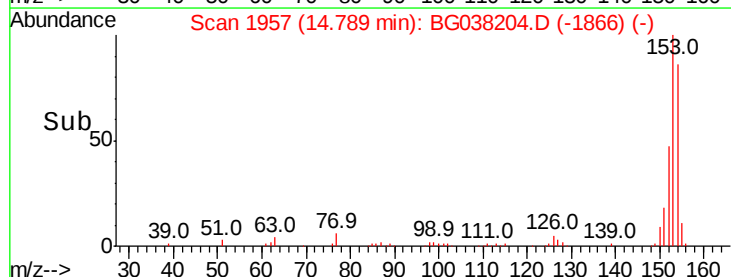
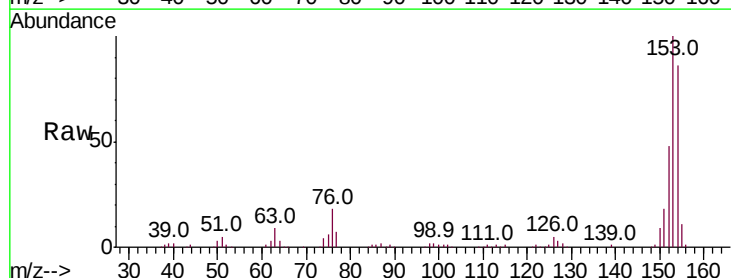
Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



#52
Acenaphthene
Concen: 41.298 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.1	93.4	140.0
152	55.5	44.7	67.1





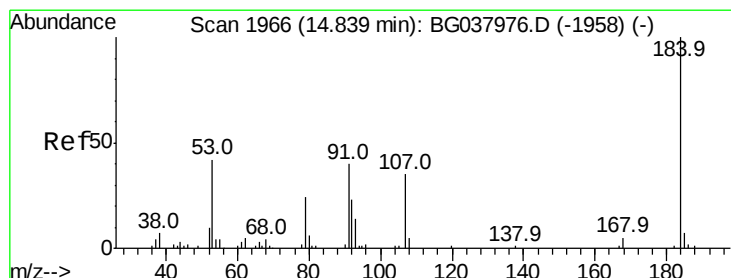
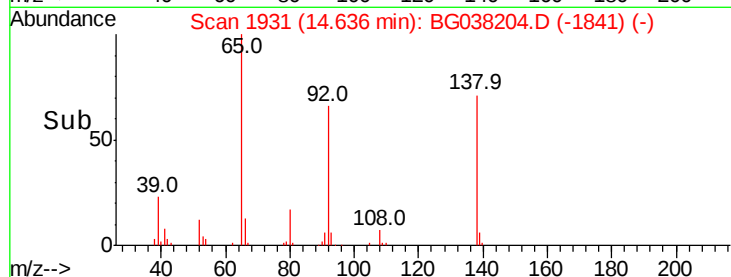
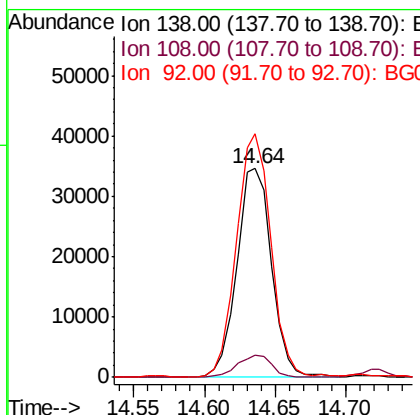
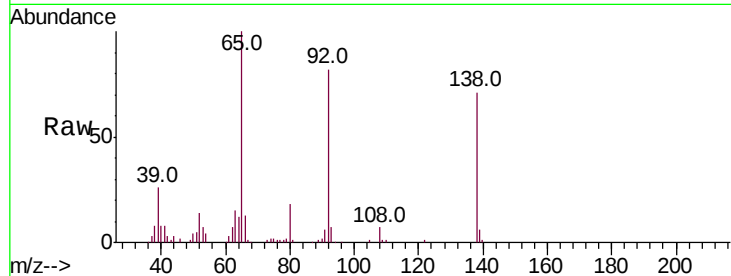
#53
3-Nitroaniline
Concen: 33.454 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion:138 Resp: 59665
Ion Ratio Lower Upper
138 100
108 10.5 11.0 16.6#
92 116.7 95.2 142.8

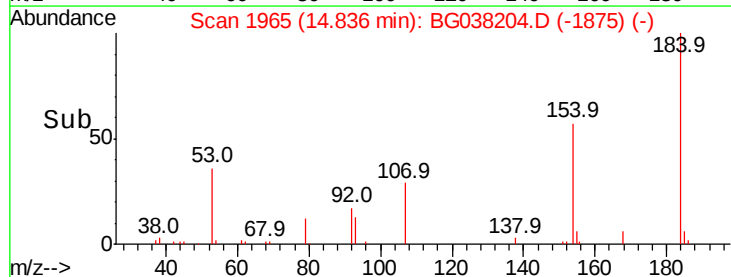
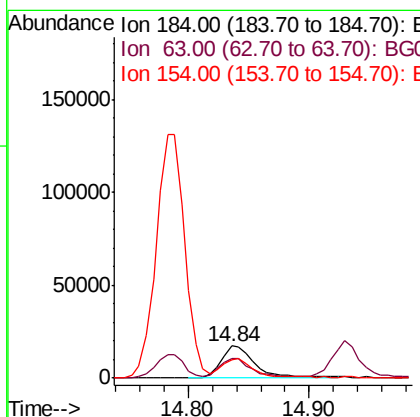
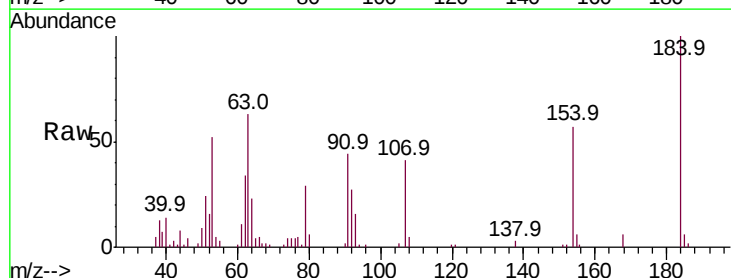
Manual Integrations
APPROVED

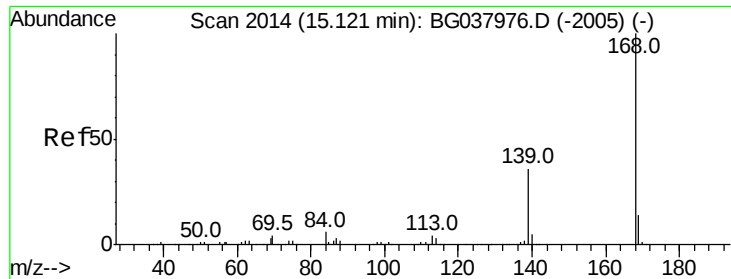
mohammad
11/30/2018 11:41:58 AM



#54
2,4-Dinitrophenol
Concen: 43.224 ng
RT: 14.84 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion:184 Resp: 33493
Ion Ratio Lower Upper
184 100
63 62.6 42.6 63.8
154 57.1 41.8 62.6





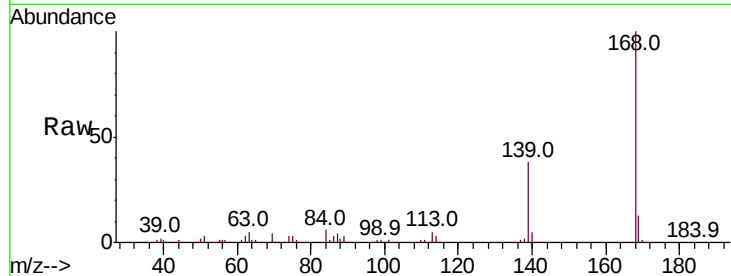
#55
Dibenzofuran
Concen: 40.997 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.4	44.0
169	13.4	11.0	16.6

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM

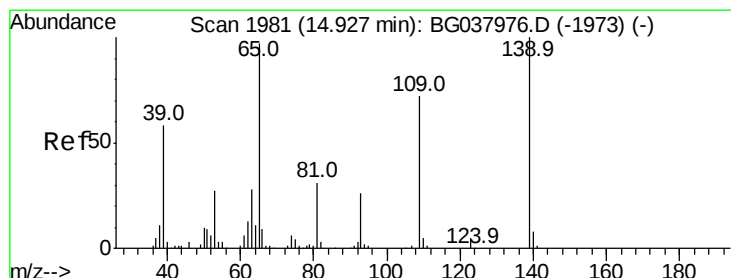
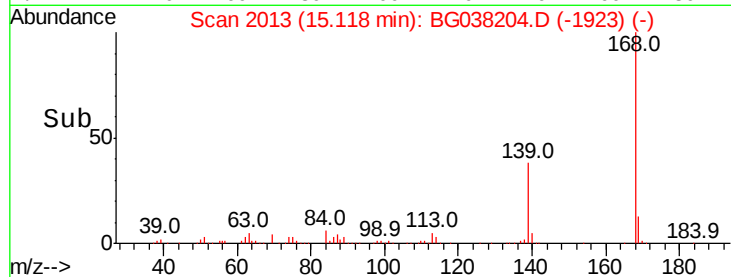
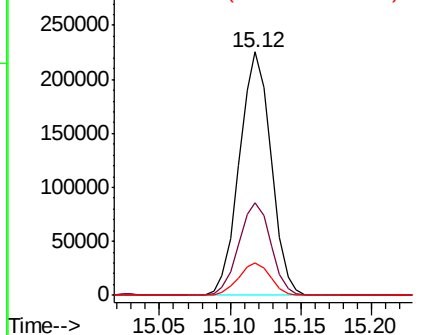


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 74.502 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

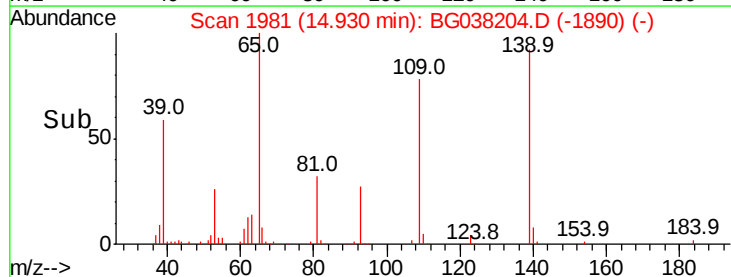
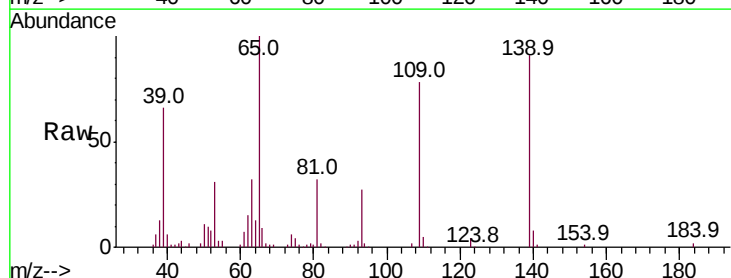
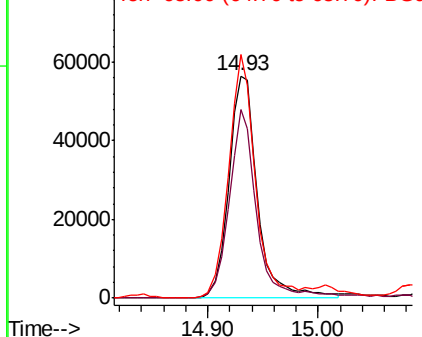
Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.1	49.5	89.5
65	109.7	76.8	116.8

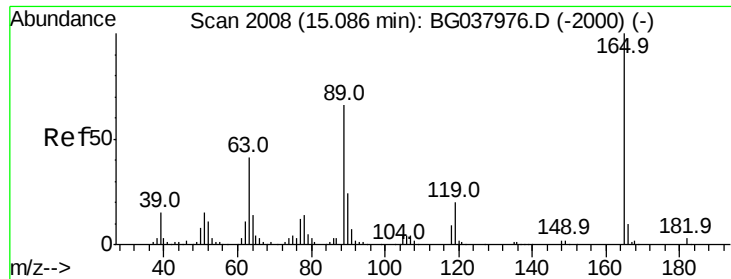
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





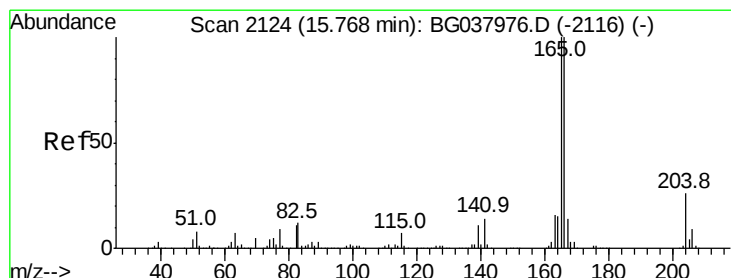
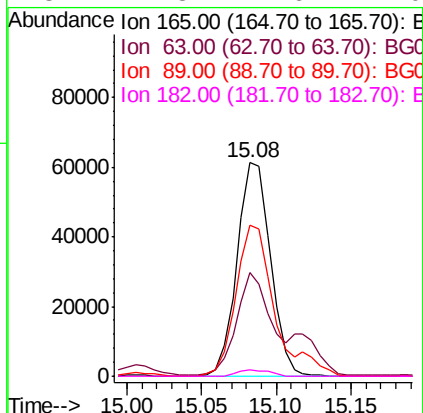
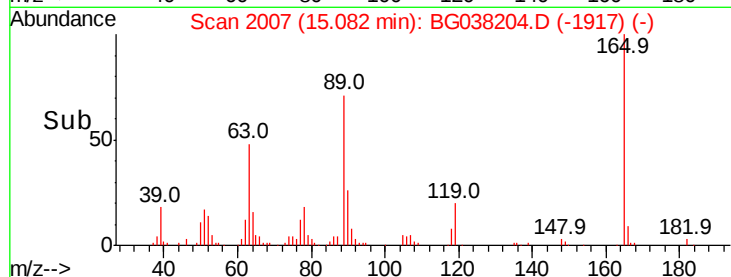
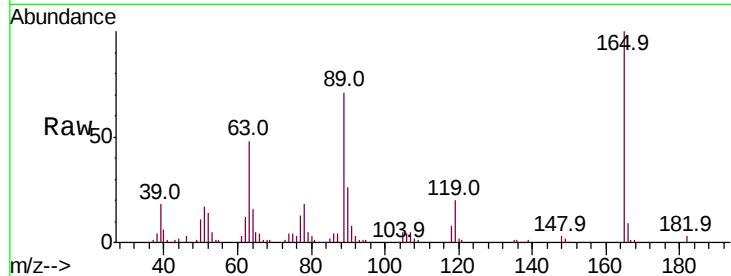
#57
2,4-Dinitrotoluene
Concen: 43.596 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.4	33.4	50.0	
89	70.7	57.2	85.8	
182	2.8	2.6	4.0	

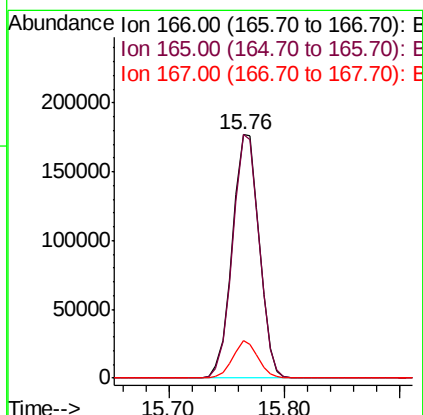
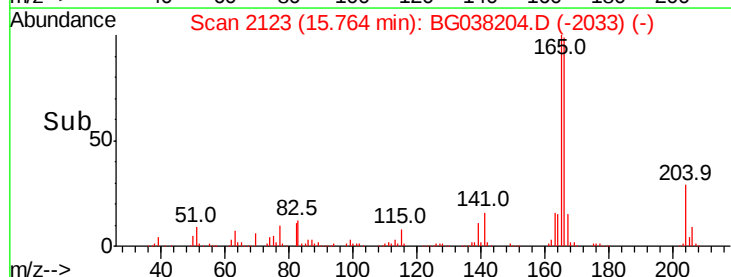
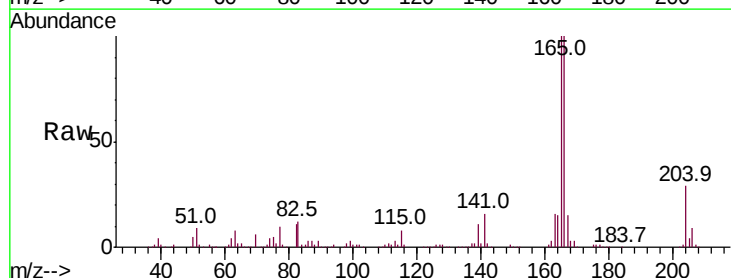
Manual Integrations
APPROVED

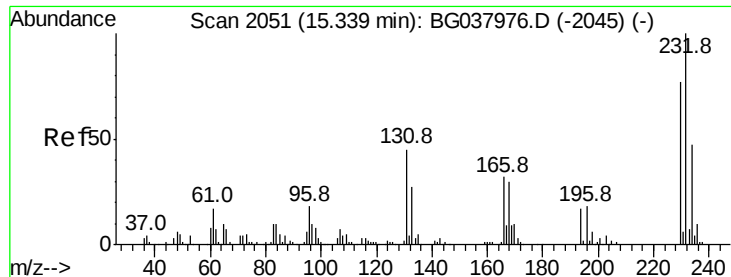
mohammad
11/30/2018 11:41:58 AM



#58
Fluorene
Concen: 44.188 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	79.0	118.6	
167	15.2	11.3	16.9	





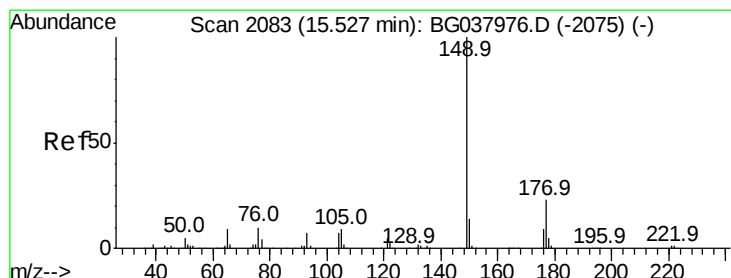
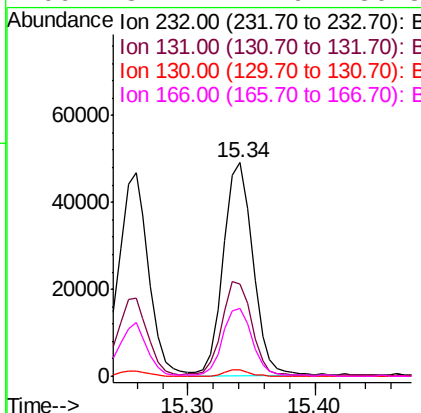
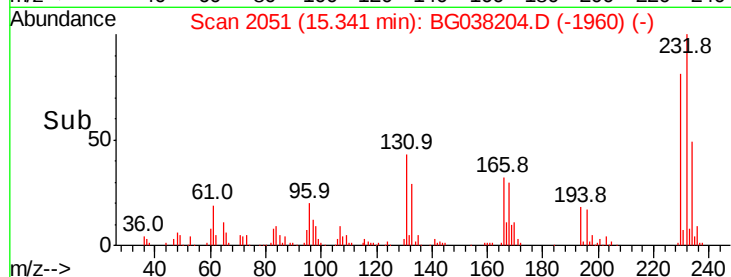
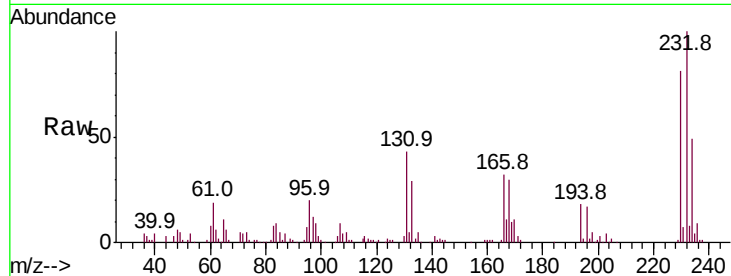
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.881 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Tot Ion:	232	Resp:	79247
Ion Ratio	Lower	Upper	
232	100		
131	44.6	33.7	50.5
130	2.6	2.1	3.1
166	32.4	24.6	36.8

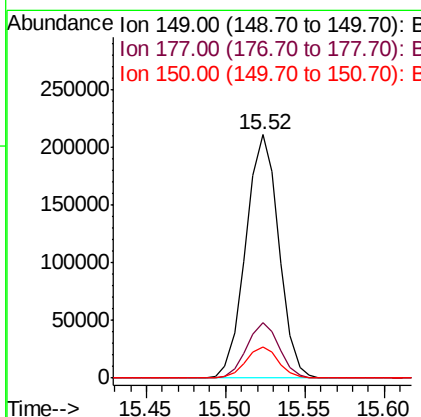
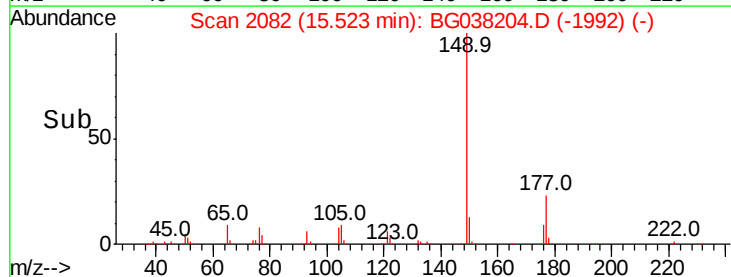
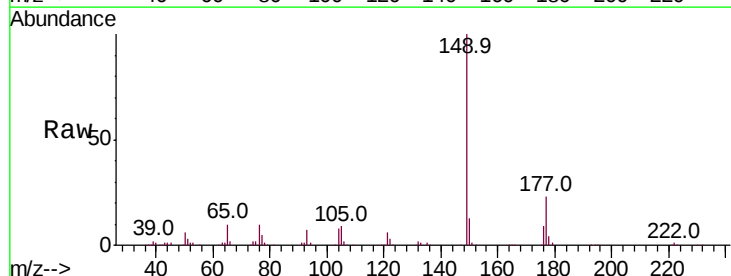
Manual Integrations
 APPROVED

mohammad
 11/30/2018 11:41:58 AM



#60
 Diethylphthalate
 Concen: 40.373 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion:	149	Resp:	306242
Ion Ratio	Lower	Upper	
149	100		
177	22.6	18.3	27.5
150	12.6	10.0	15.0





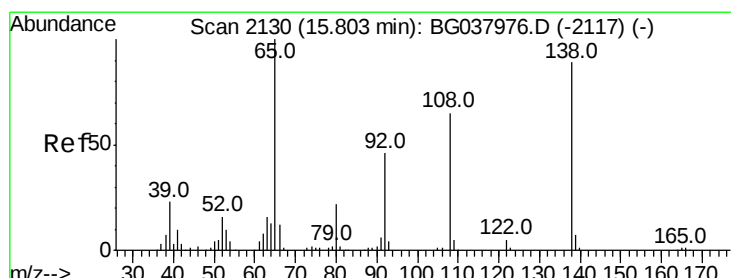
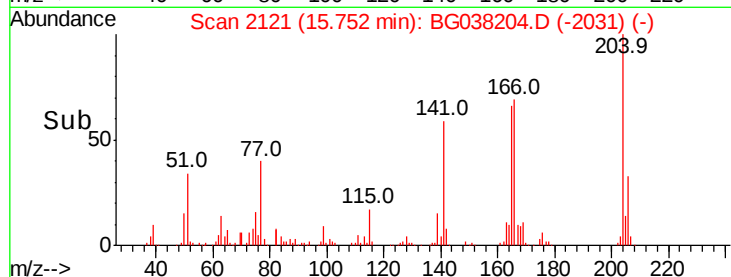
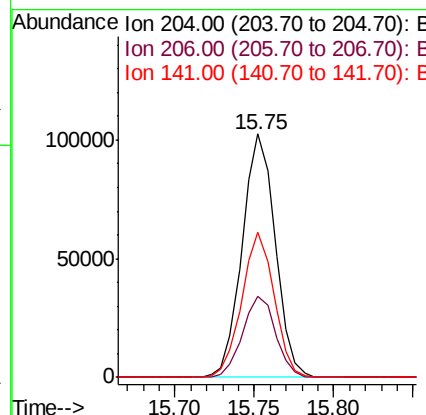
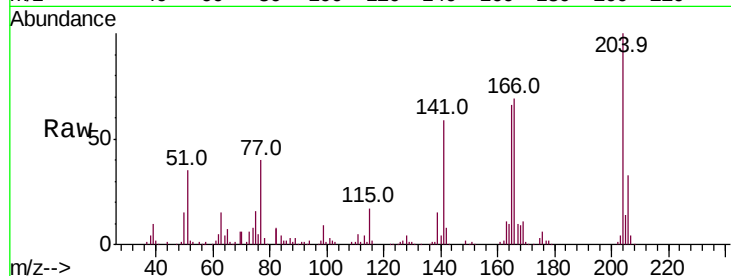
#61
4-Chlorophenyl-phenylether
Concen: 39.287 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	59.5	45.4	68.2

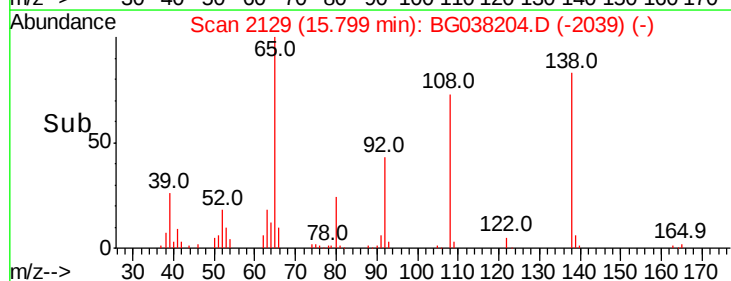
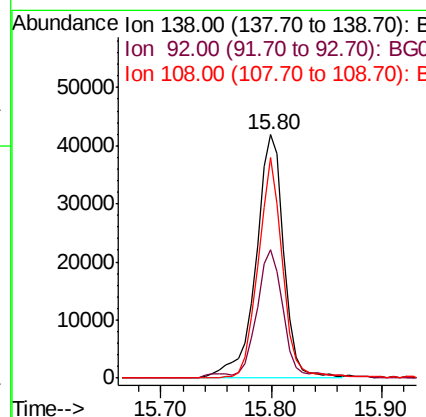
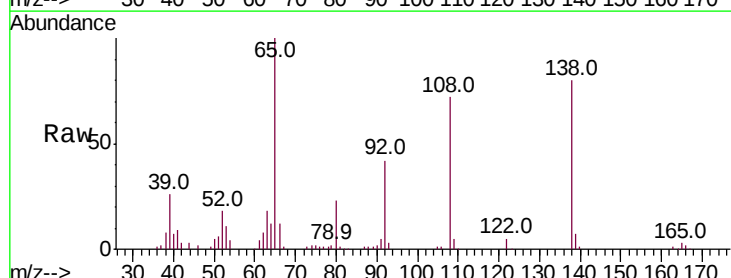
Manual Integrations
APPROVED

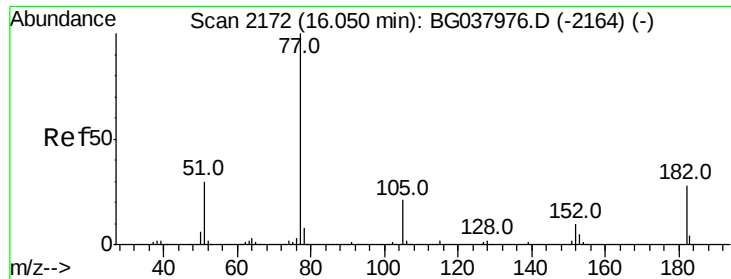
mohammad
11/30/2018 11:41:58 AM



#62
4-Nitroaniline
Concen: 41.882 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.9	36.4	76.4
108	90.4	60.1	100.1





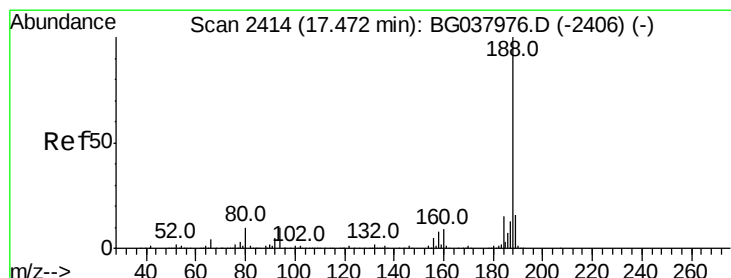
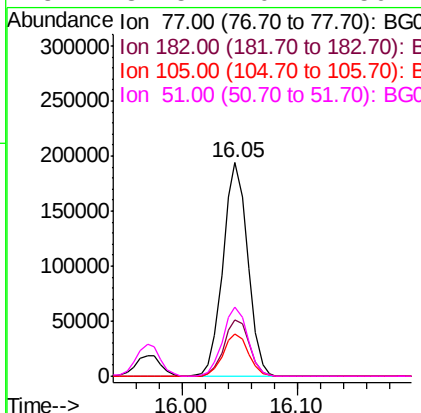
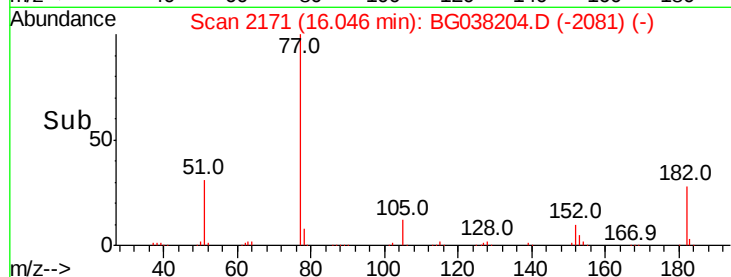
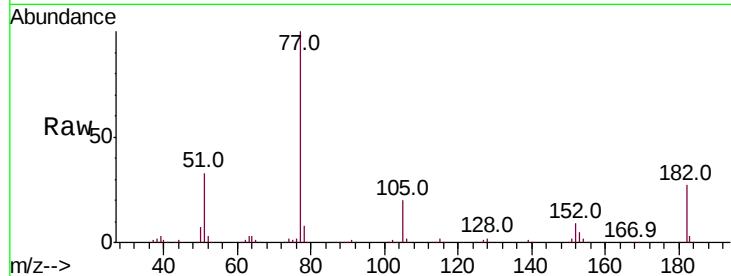
#63
Azobenzene
Concen: 42.275 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	286712		
182	26.5	8.0	48.0	
105	19.7	1.3	41.3	
51	32.5	10.7	50.7	

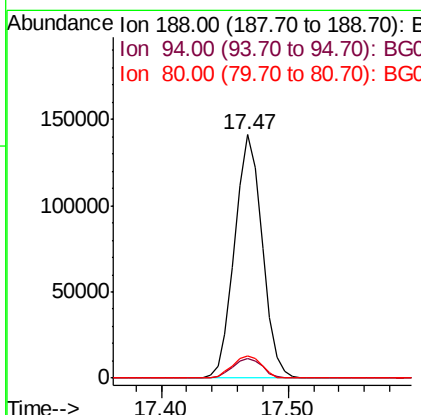
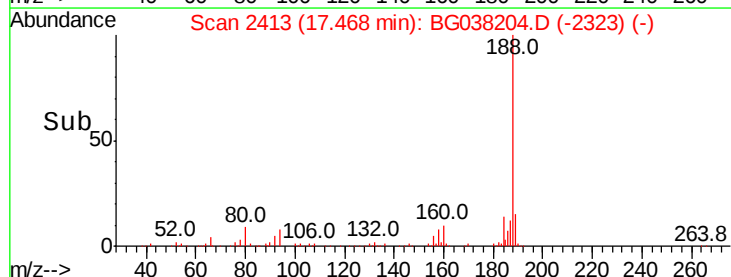
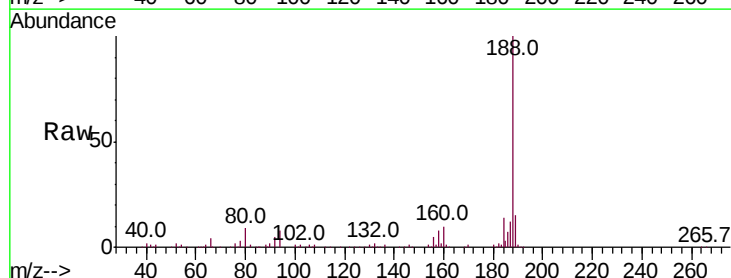
Manual Integrations
APPROVED

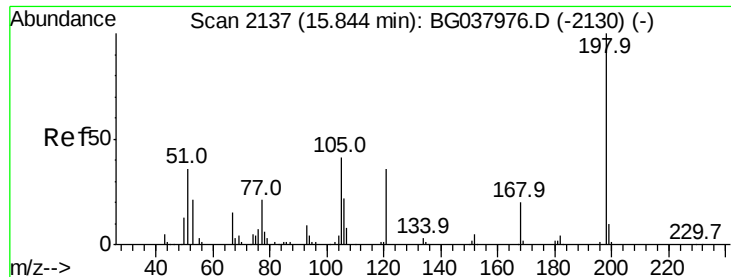
mohammad
11/30/2018 11:41:58 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	212184		
94	7.9	7.2	10.8	
80	8.9	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 30.837 ng

RT: 15.85 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB115117BS

Tot Ion:198 Resp: 41386

Ion Ratio Lower Upper

198 100

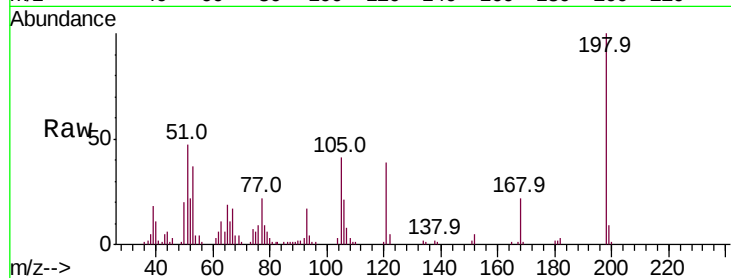
51 46.6 22.7 62.7

105 41.3 19.7 59.7

Manual Integrations
APPROVED

mohammad

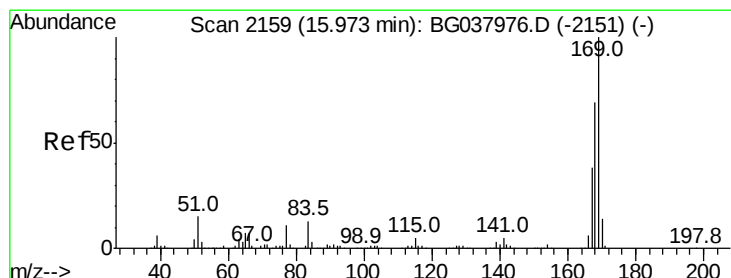
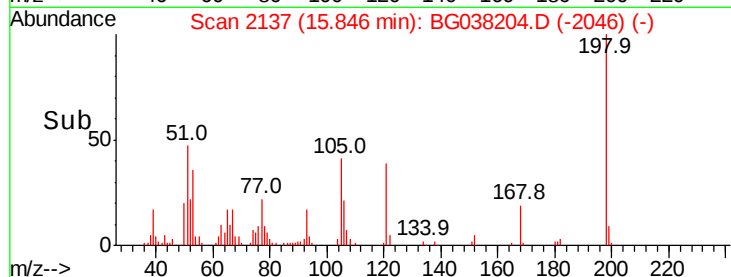
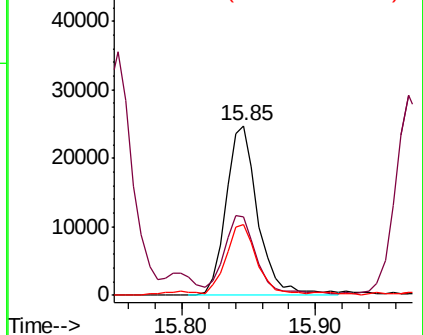
11/30/2018 11:41:58 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.060 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

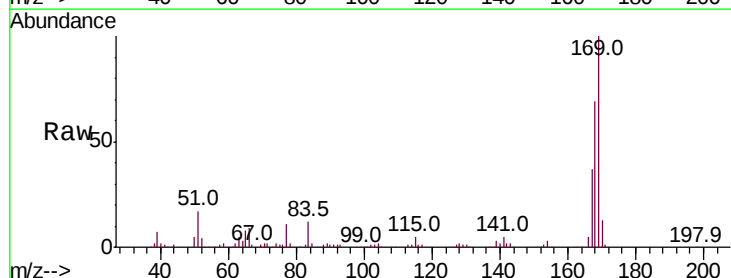
Tgt Ion:169 Resp: 257152

Ion Ratio Lower Upper

169 100

168 69.5 55.7 83.5

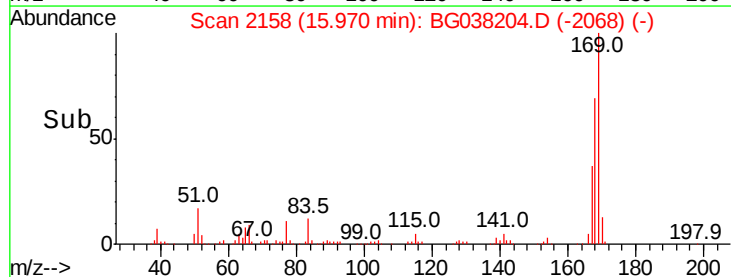
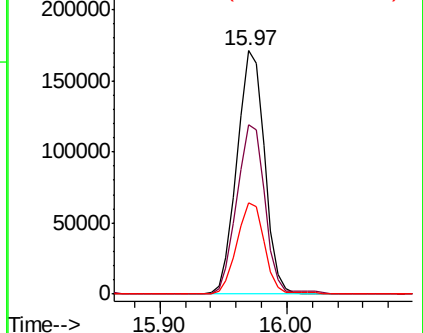
167 37.3 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.604 ng

RT: 16.65 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

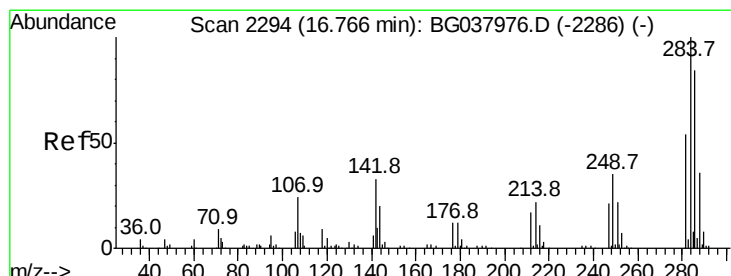
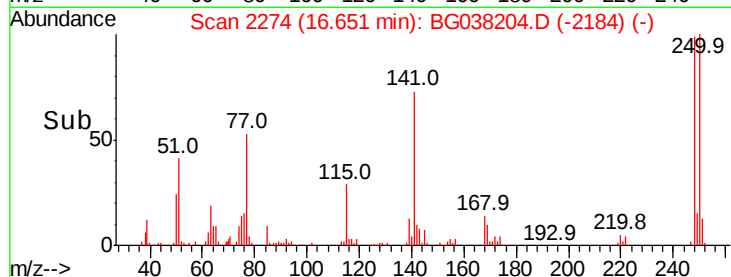
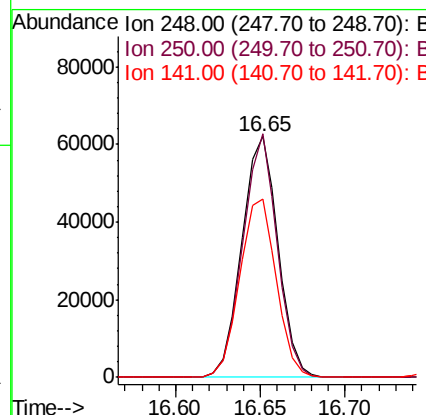
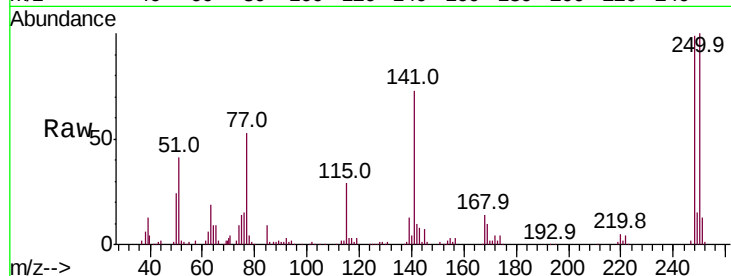
ClientSampleId :

PB115117BS

Tot Ion:	248	Resp:	92235
Ion Ratio	Lower	Upper	
248	100		
250	101.1	77.0	115.6
141	73.9	55.5	83.3

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



#68

Hexachlorobenzene

Concen: 40.212 ng

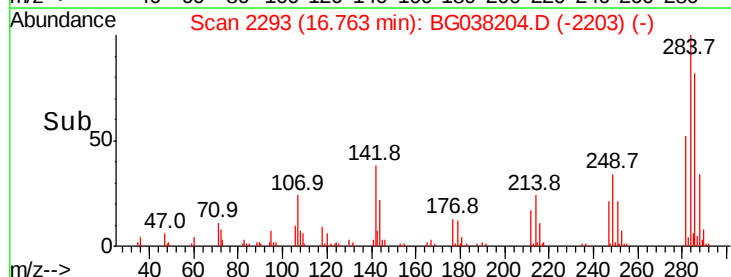
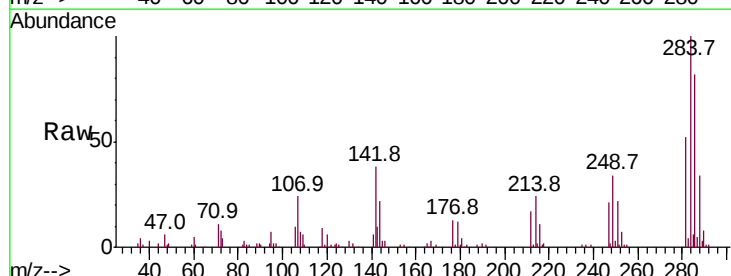
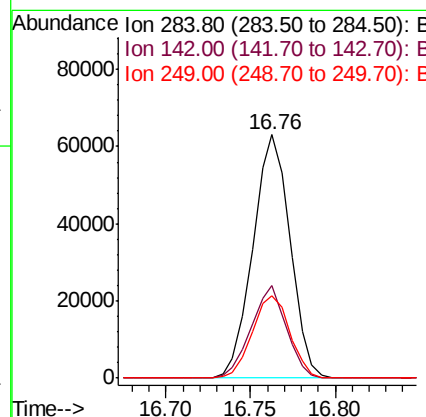
RT: 16.76 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Tgt Ion:	284	Resp:	96665
Ion Ratio	Lower	Upper	
284	100		
142	38.1	28.1	42.1
249	37.0	29.8	44.8





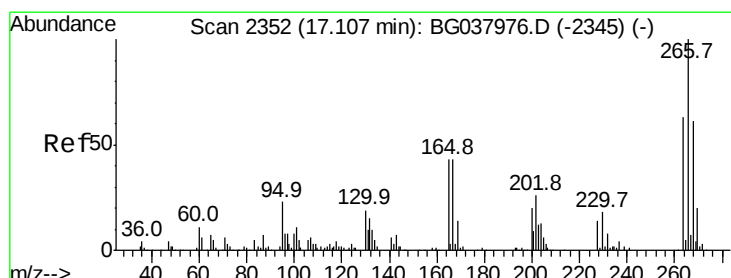
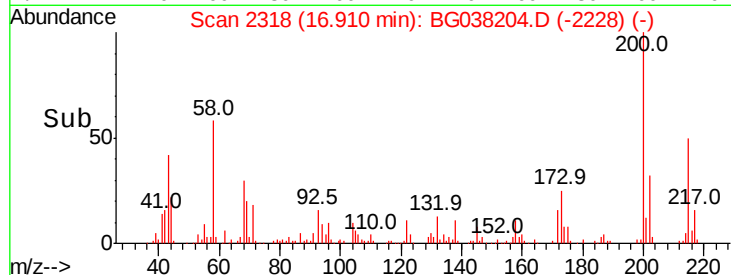
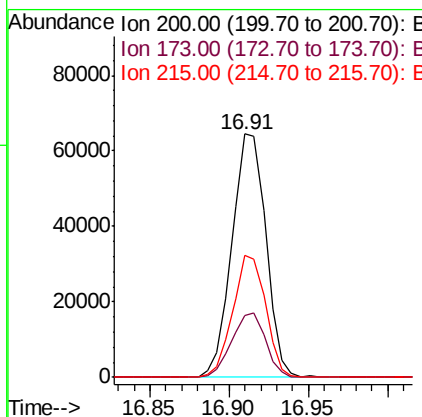
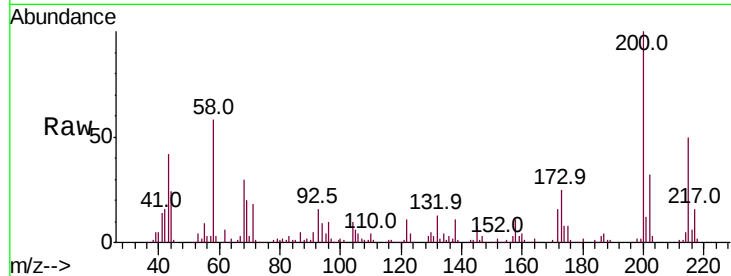
#69
Atrazine
Concen: 40.443 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.1	46.1
215	50.1	30.8	70.8

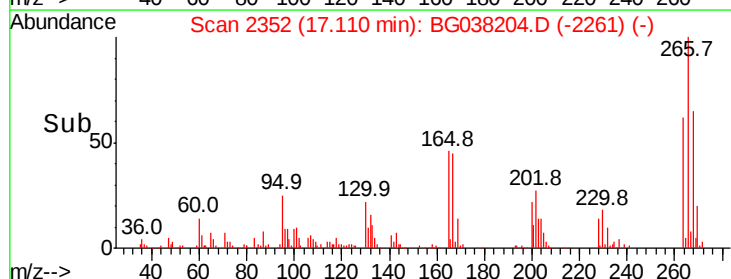
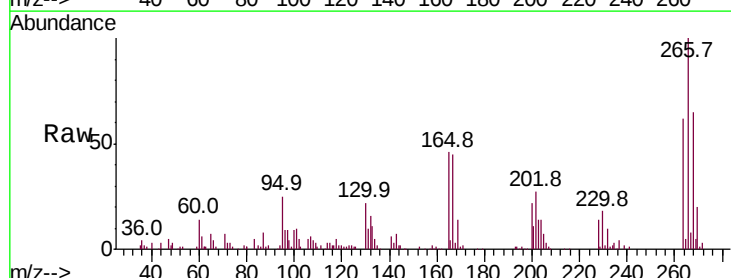
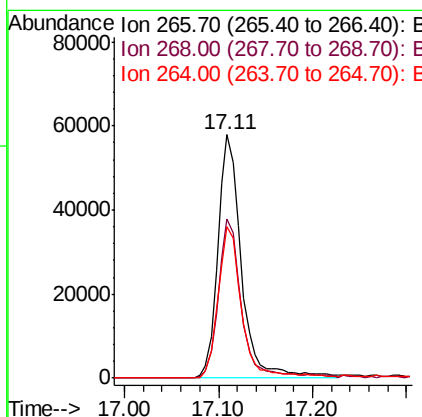
Manual Integrations
APPROVED

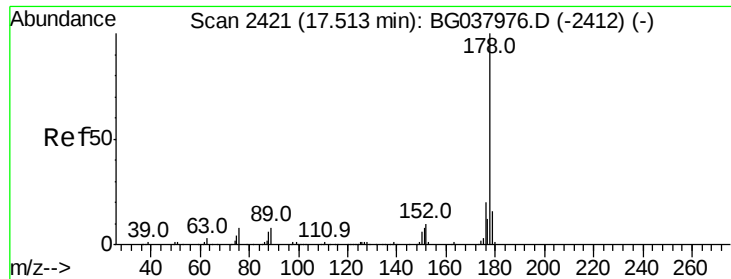
mohammad
11/30/2018 11:41:58 AM



#70
Pentachlorophenol
Concen: 62.212 ng
RT: 17.11 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.1	55.0	82.6
264	67.5	58.9	88.3





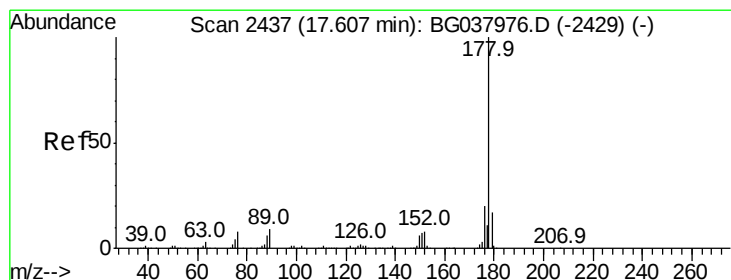
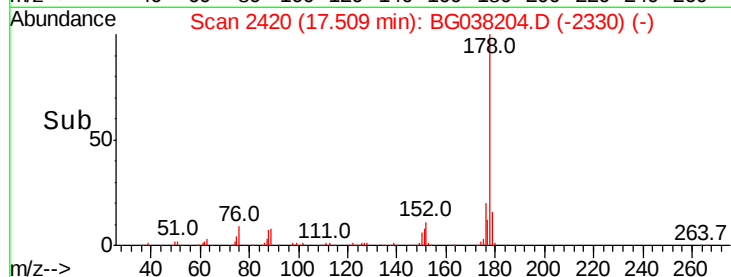
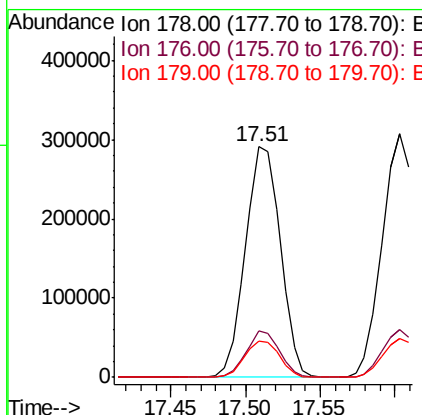
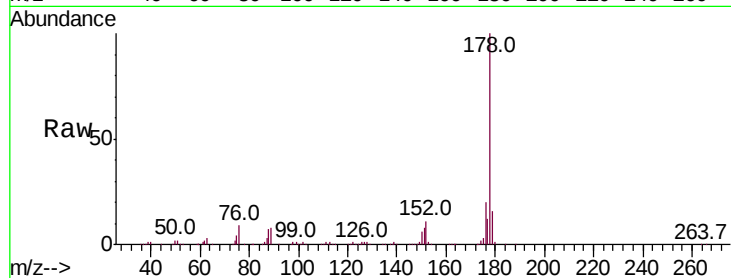
#71
Phenanthrene
Concen: 43.453 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	15.9	13.0	19.4

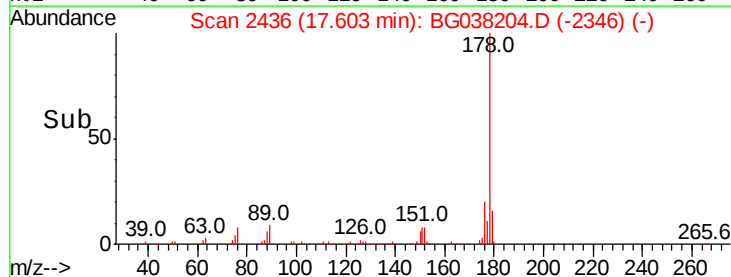
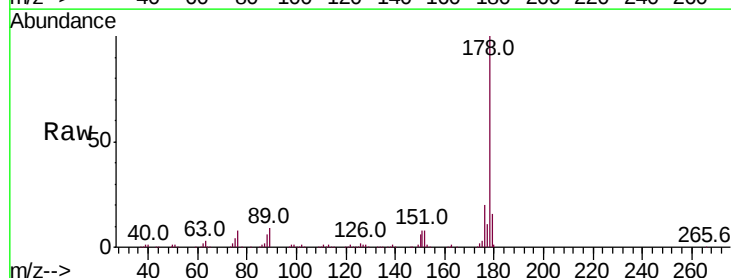
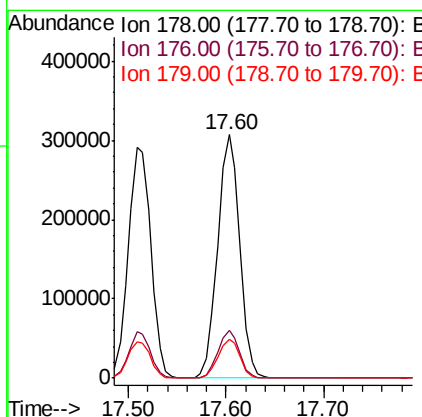
Manual Integrations
APPROVED

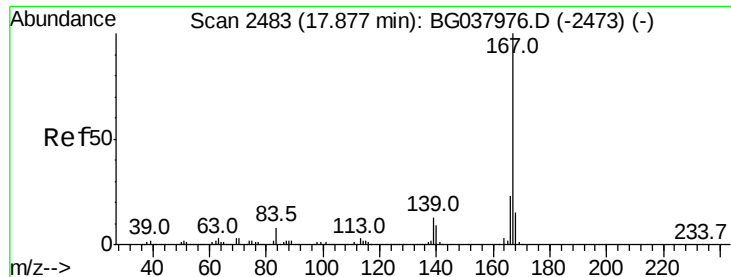
mohammad
11/30/2018 11:41:58 AM



#72
Anthracene
Concen: 44.634 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	16.0	12.8	19.2





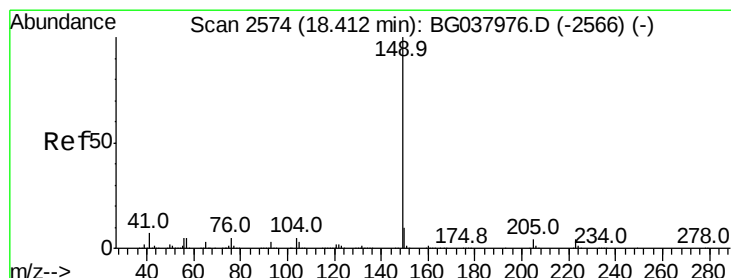
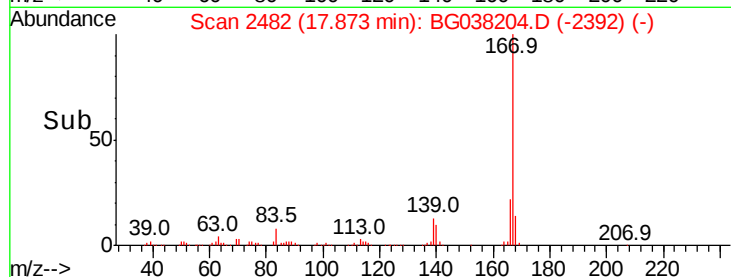
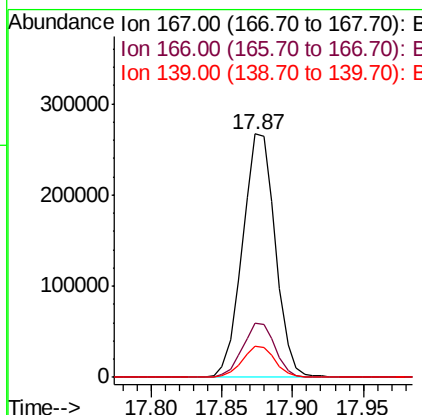
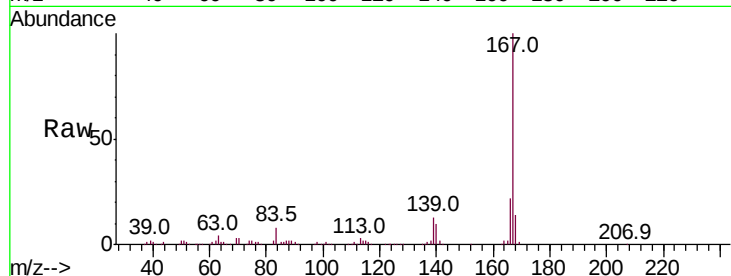
#73
 Carbazole
 Concen: 40.524 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.3	27.5
139	12.7	10.5	15.7

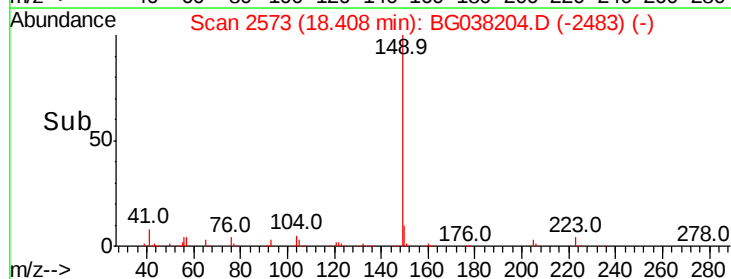
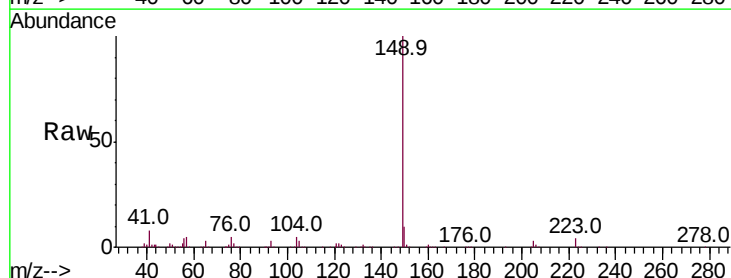
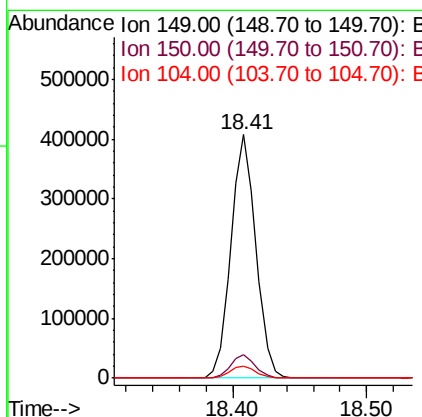
Manual Integrations
 APPROVED

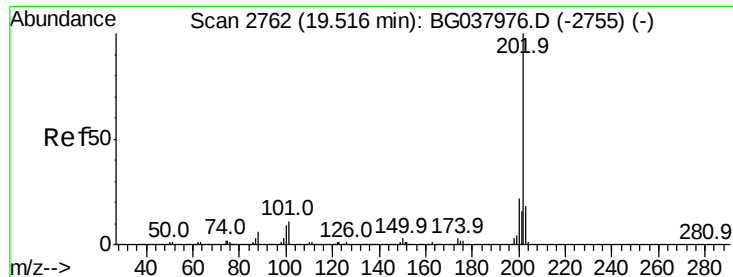
mohammad
 11/30/2018 11:41:58 AM



#74
 Di-n-butylphthalate
 Concen: 43.961 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 45.456 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

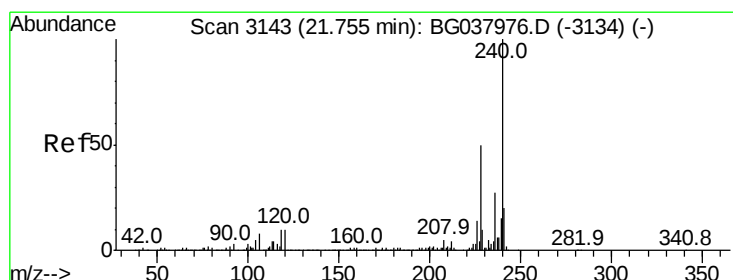
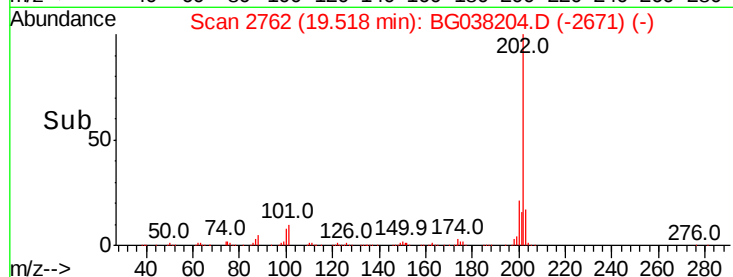
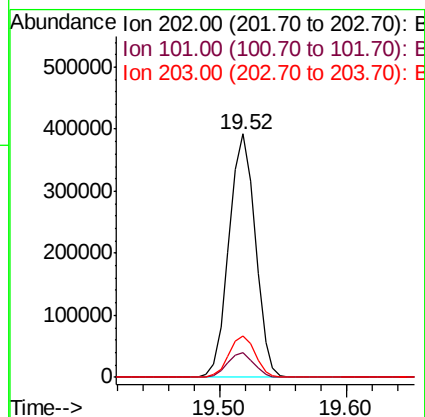
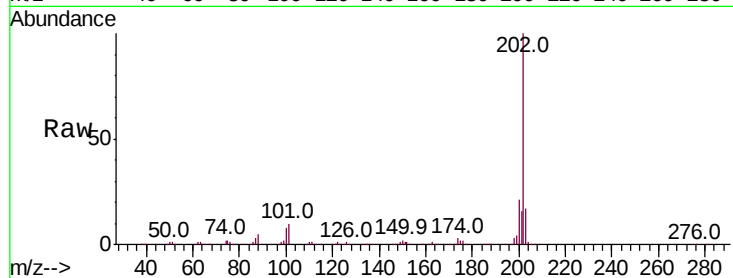
ClientSampleId :

PB115117BS

Tot Ion:	202	Resp:	563407
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.7
203	17.0	0.0	38.5

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



#76

Chrysene-d12

Concen: 20.000 ng

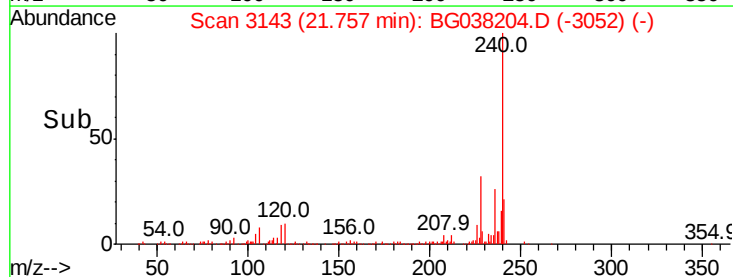
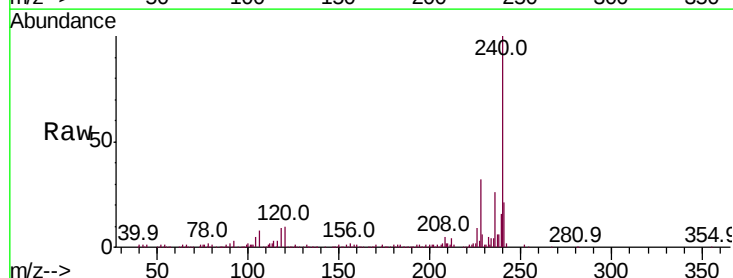
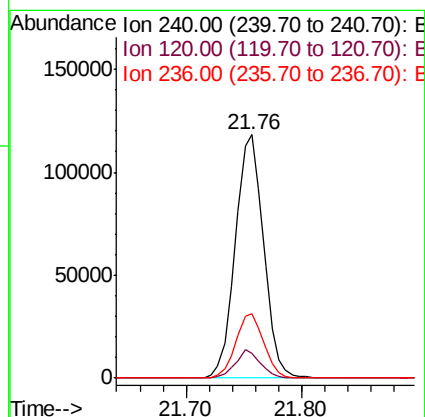
RT: 21.76 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Tgt Ion:	240	Resp:	200231
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.1	12.1
236	26.3	21.4	32.0





#77

Benzidine

Concen: 28.378 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

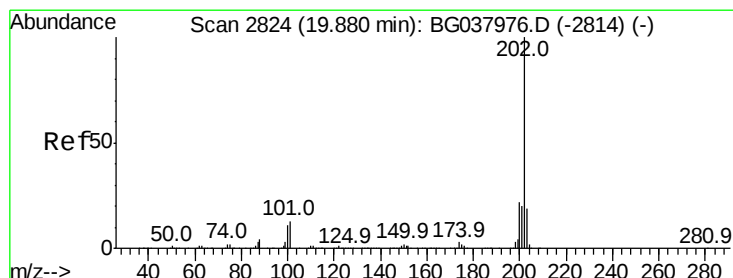
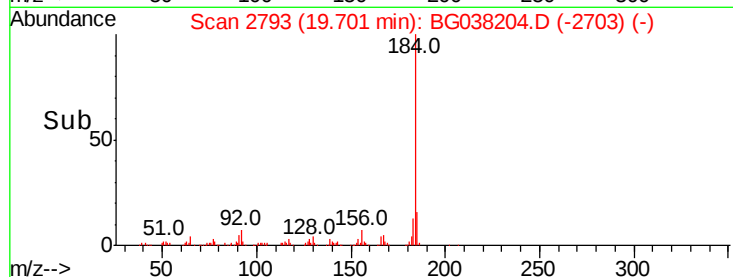
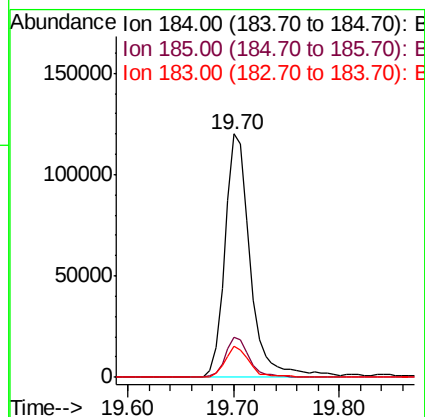
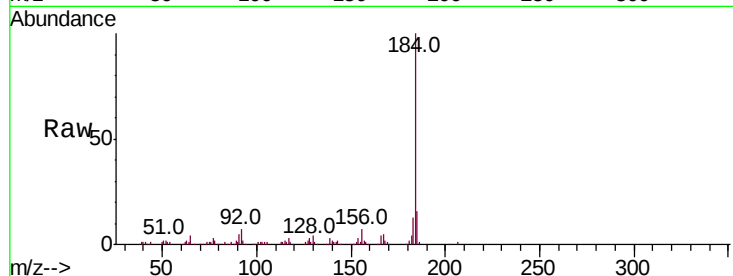
ClientSampleId :

PB115117BS

Tot Ion:	184	Resp:	199383
Ion Ratio	Lower	Upper	
184	100		
185	16.4	12.6	18.8
183	13.0	10.2	15.2

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



#78

Pyrene

Concen: 43.298 ng

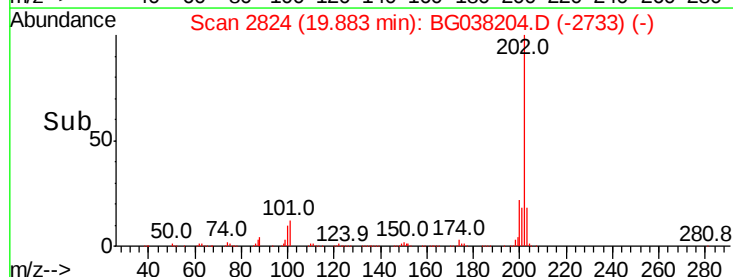
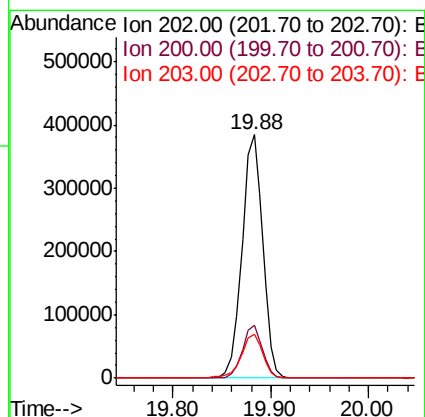
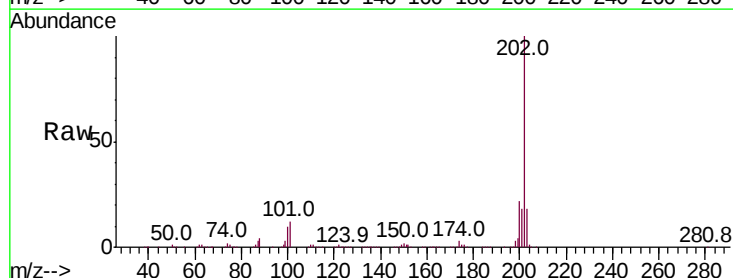
RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Tgt Ion:	202	Resp:	566826
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.8	26.6
203	18.2	15.2	22.8





#79

Terphenyl-d14

Concen: 77.720 ng

RT: 20.06 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

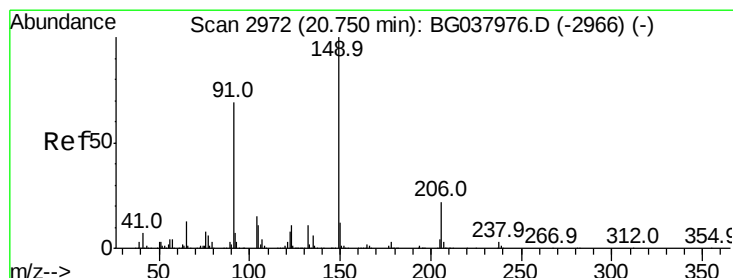
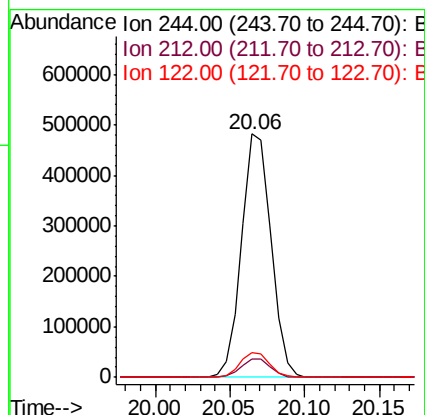
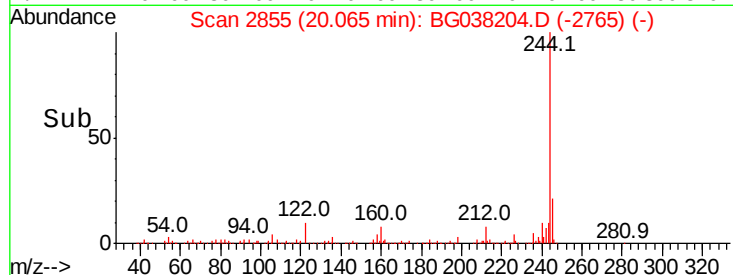
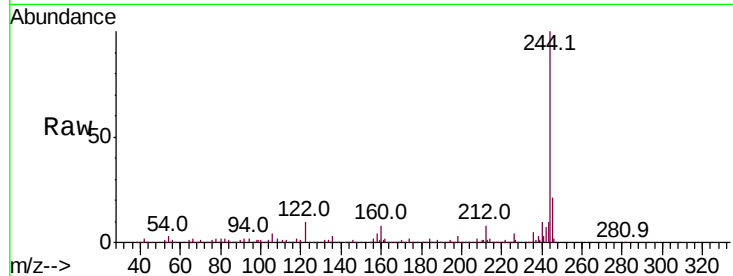
ClientSampleId :

PB115117BS

Tot Ion:	244	Resp:	661365
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.5	9.7
122	10.2	9.0	13.4

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



#80

Butylbenzylphthalate

Concen: 42.792 ng

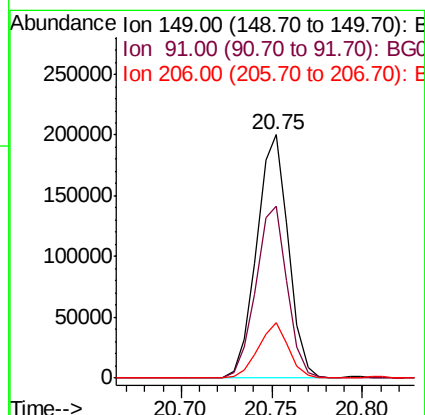
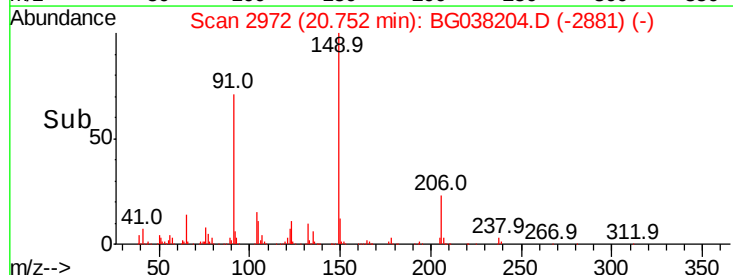
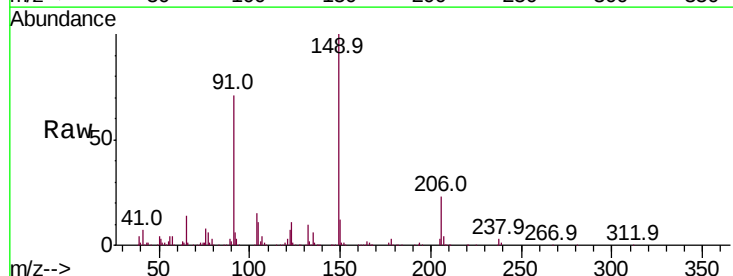
RT: 20.75 min Scan# 2972

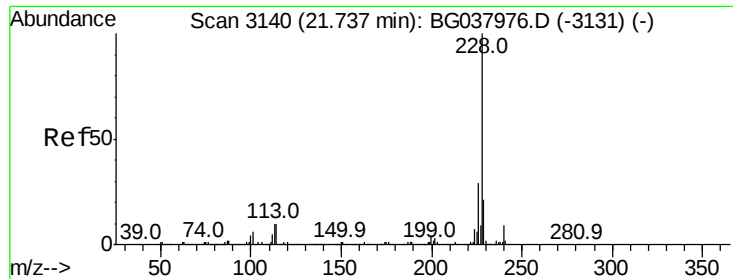
Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Tgt Ion:	149	Resp:	244985
Ion Ratio	Lower	Upper	
149	100		
91	70.7	57.0	85.4
206	22.5	17.8	26.6





#81

Benzo(a)anthracene

Concen: 43.970 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

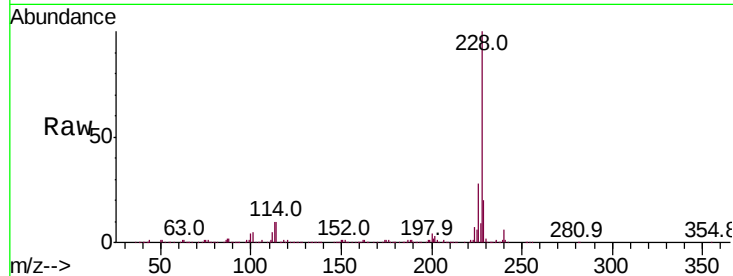
ClientSampleId :

PB115117BS

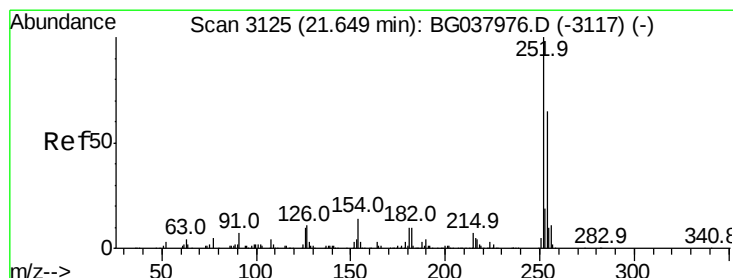
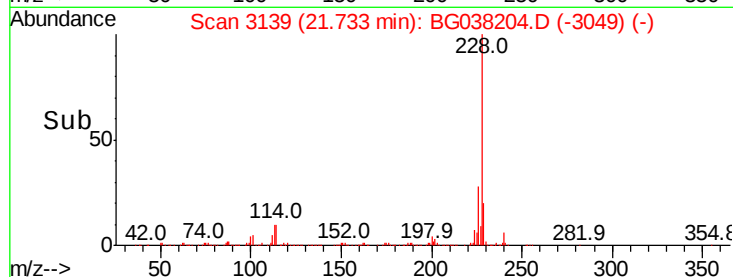
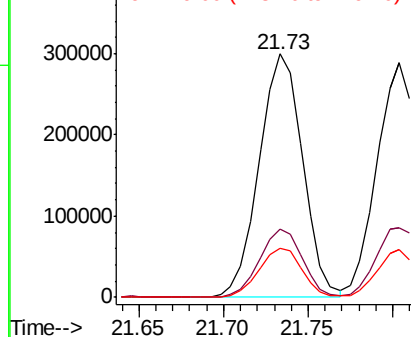
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	27.9	22.6	33.8		
229	19.9	16.3	24.5		

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



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



#82

3,3'-Dichlorobenzidine

Concen: 31.857 ng

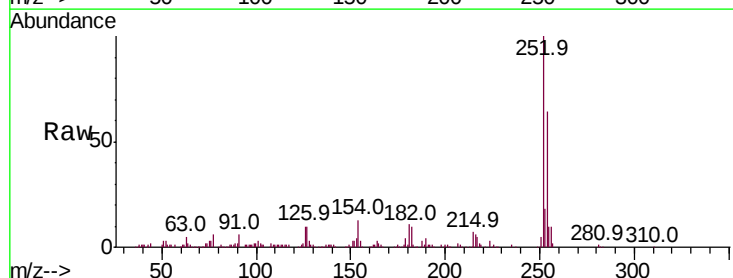
RT: 21.65 min Scan# 3125

Delta R.T. 0.00 min

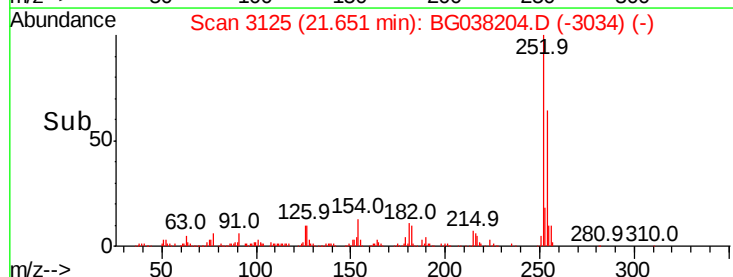
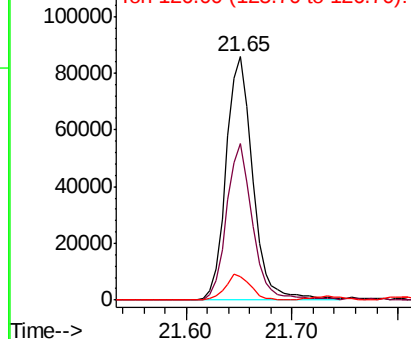
Lab File: BG038204.D

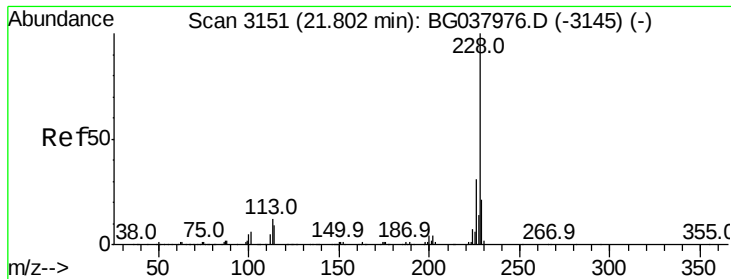
Acq: 28 Nov 2018 17:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	64.1	52.0	78.0		
126	9.6	8.2	12.4		



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





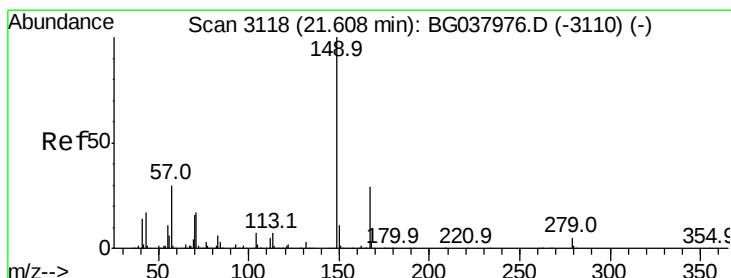
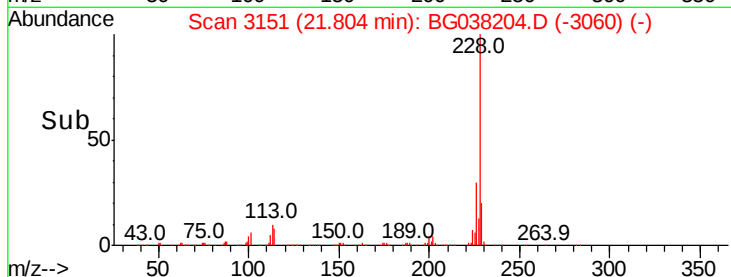
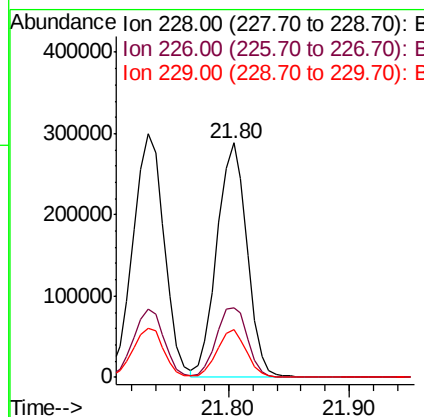
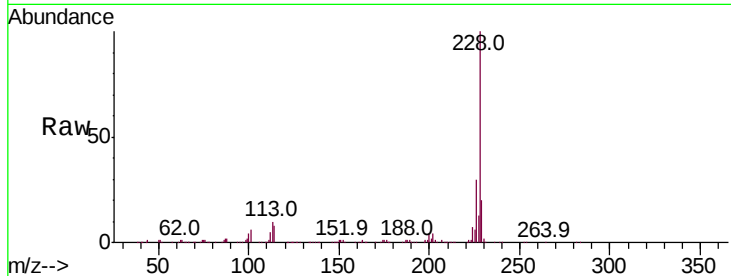
#83
 Chrysene
 Concen: 42.674 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BS

Tot Ion:	228	Resp:	494044
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.7	38.5
229	20.1	16.5	24.7

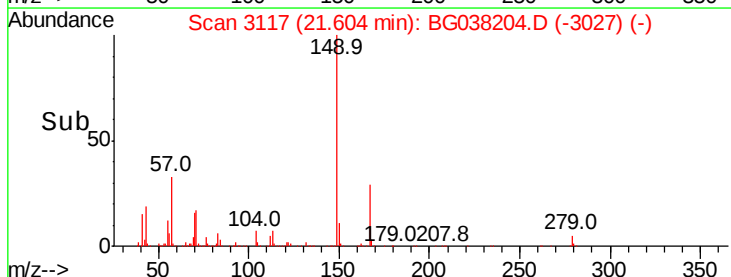
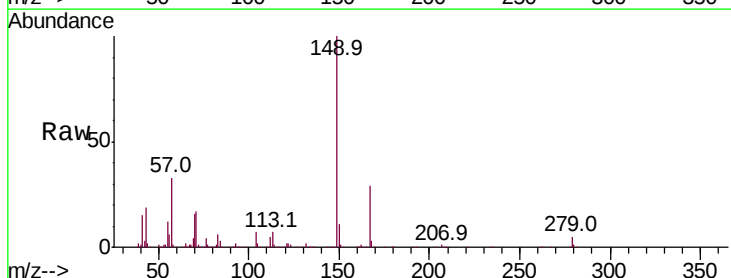
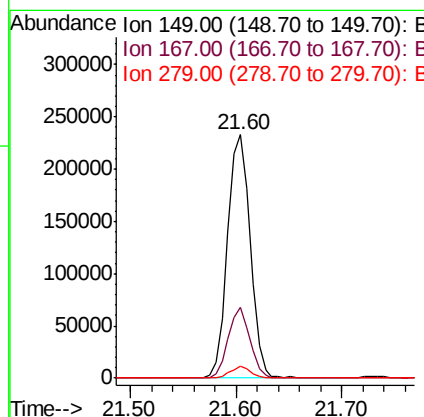
Manual Integrations
 APPROVED

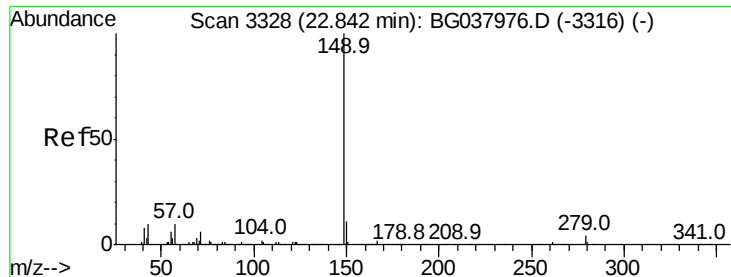
mohammad
 11/30/2018 11:41:58 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.355 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BG038204.D
 Acq: 28 Nov 2018 17:54

Tgt Ion:	149	Resp:	345801
Ion Ratio	Lower	Upper	
149	100		
167	28.9	23.0	34.4
279	4.7	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 45.030 ng

RT: 22.84 min Scan# 3328

Delta R.T. 0.00 min

Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Instrument :

BNA_G

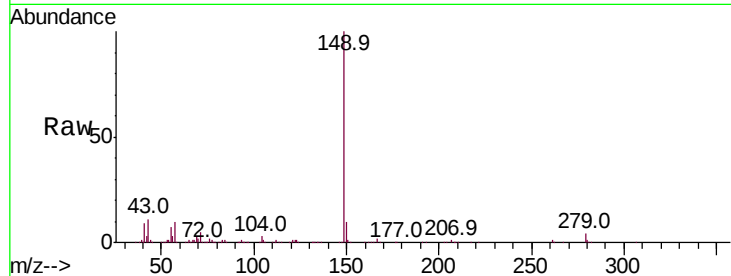
ClientSampleId :

PB115117BS

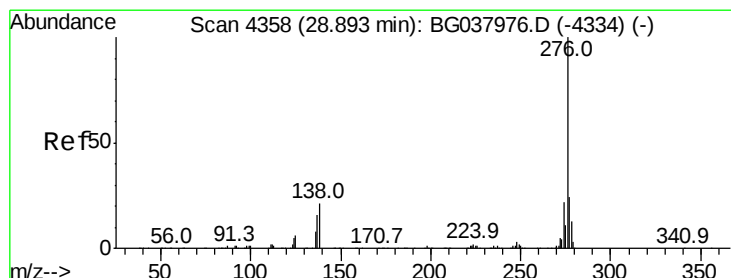
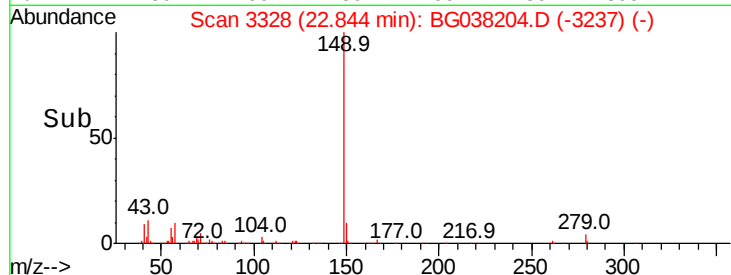
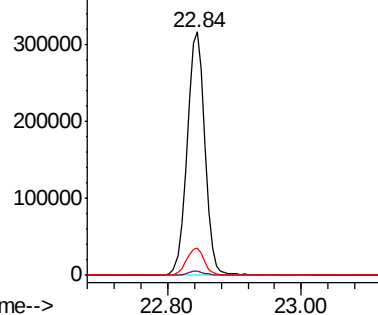
Tot Ion:	149	Resp:	594770
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.3	8.7	13.1

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.071 ng

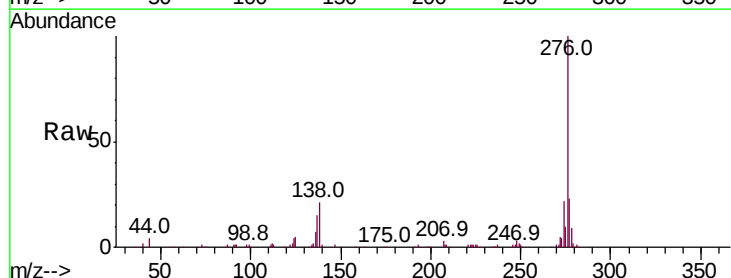
RT: 28.88 min Scan# 4356

Delta R.T. -0.01 min

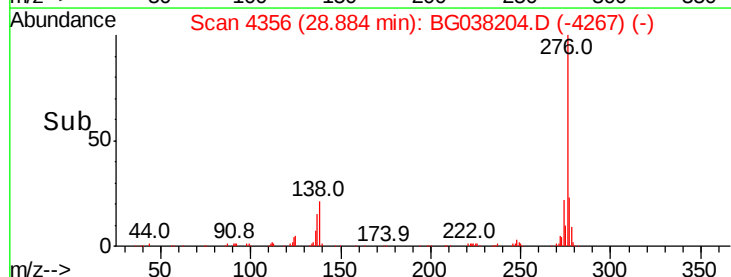
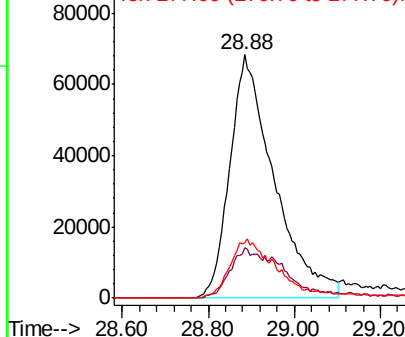
Lab File: BG038204.D

Acq: 28 Nov 2018 17:54

Tgt Ion:	276	Resp:	489521
Ion Ratio	Lower	Upper	
276	100		
138	13.3	12.0	18.0
277	24.4	20.6	30.8



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





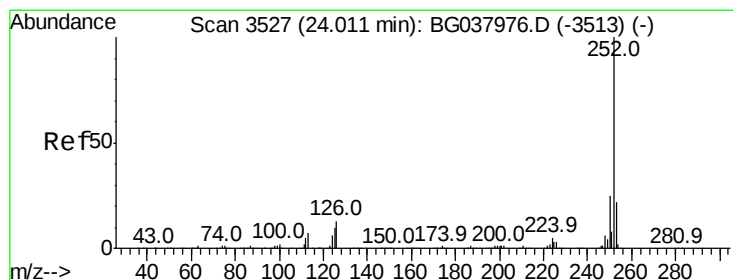
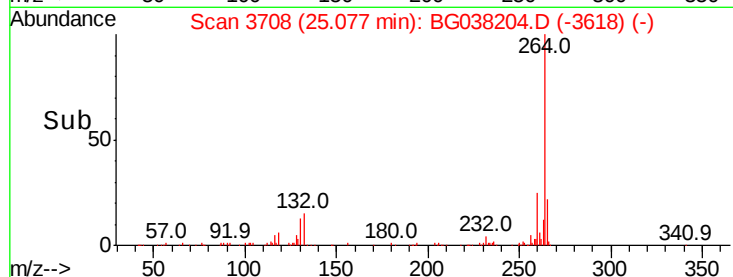
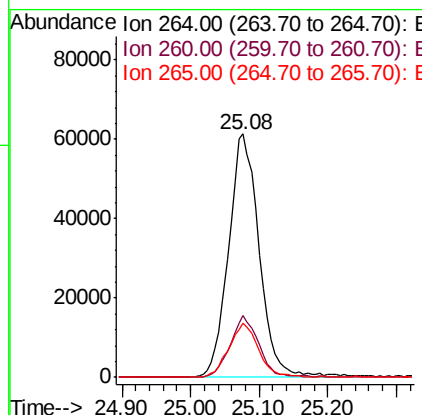
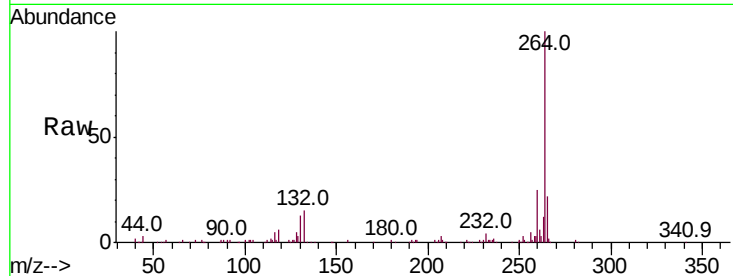
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.2	27.4
265	22.1	17.9	26.9

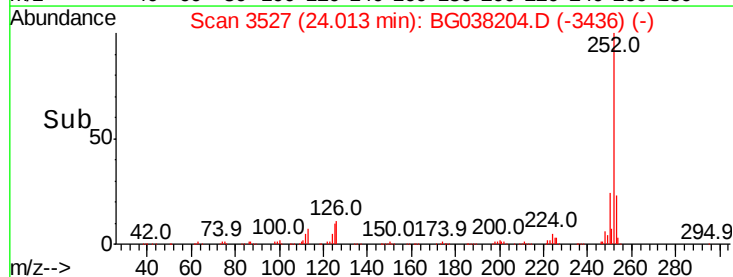
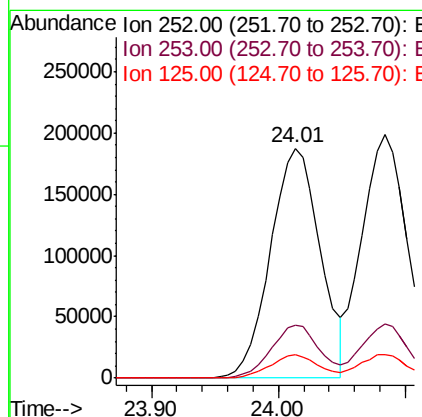
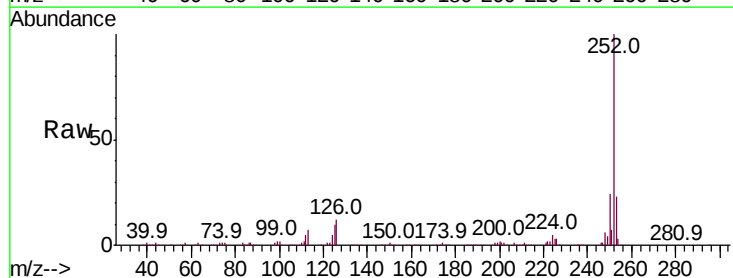
Manual Integrations
APPROVED

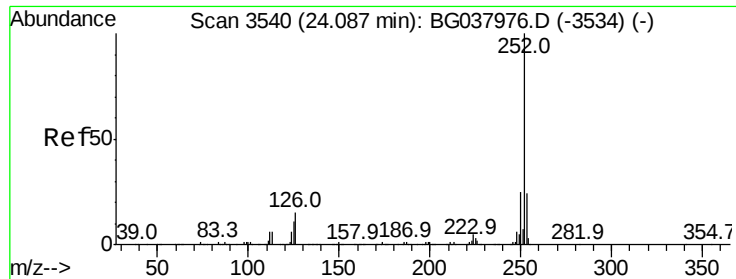
mohammad
11/30/2018 11:41:58 AM



#88
Benzo(b)fluoranthene
Concen: 49.035 ng
RT: 24.01 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	10.1	7.8	11.6





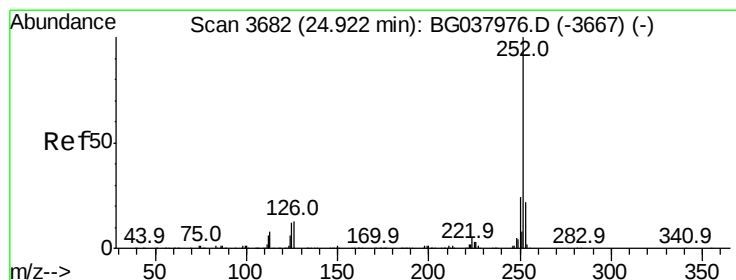
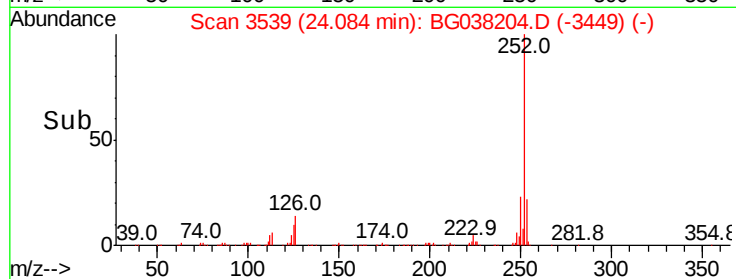
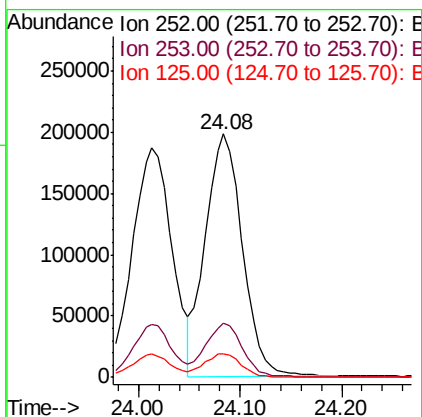
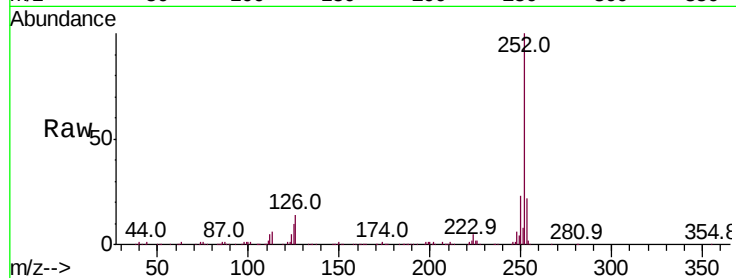
#89
Benzo(k)fluoranthene
Concen: 48.573 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	9.8	7.4	11.0

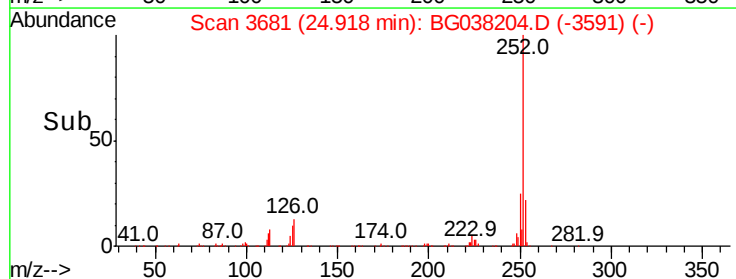
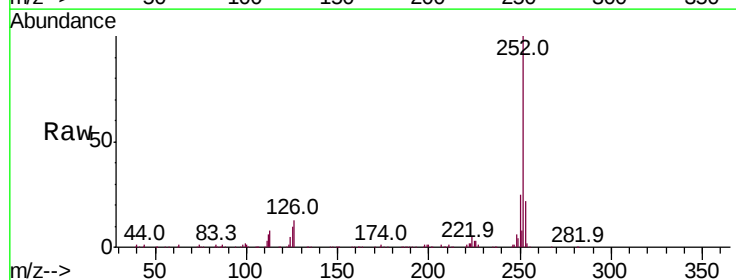
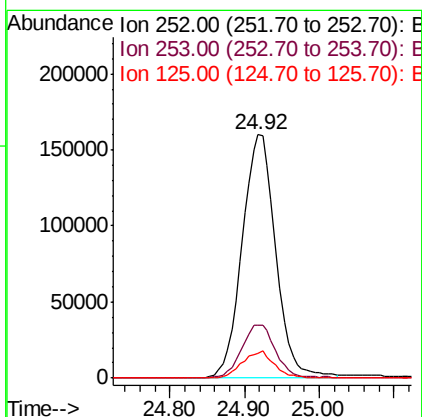
Manual Integrations
APPROVED

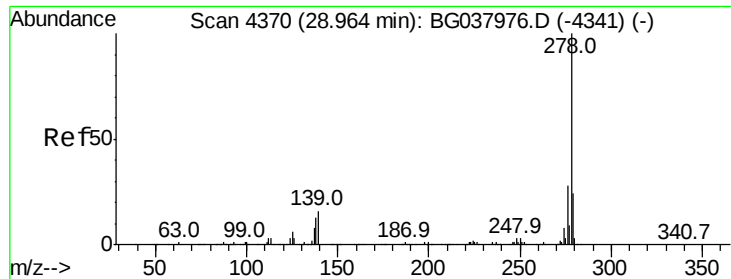
mohammad
11/30/2018 11:41:58 AM



#90
Benzo(a)pyrene
Concen: 50.058 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.0	9.0	13.6





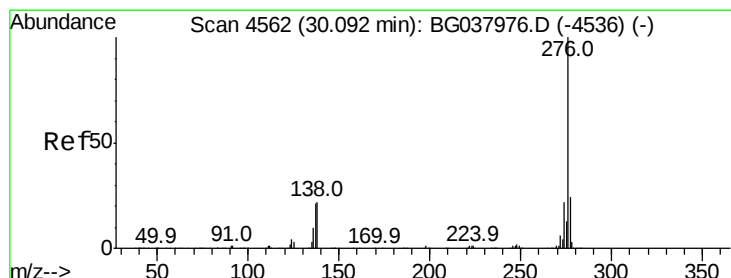
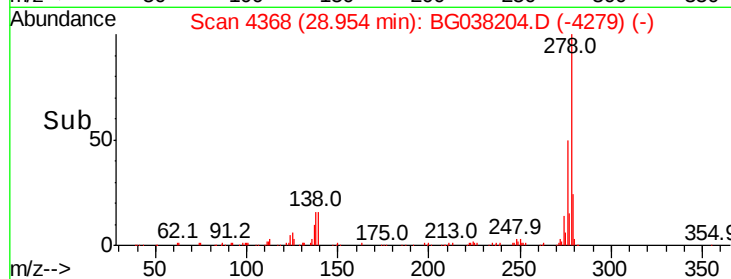
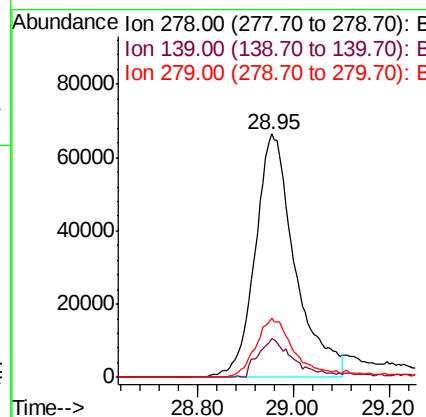
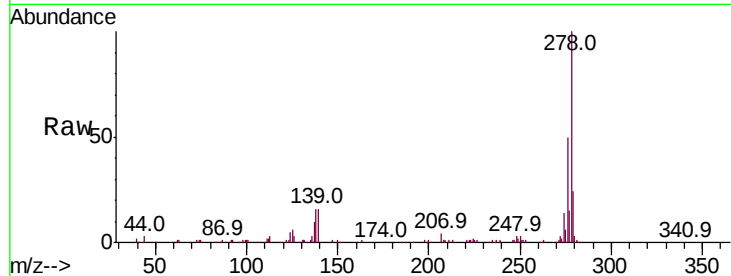
#91
Dibenzo(a,h)anthracene
Concen: 39.814 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB115117BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.5	17.3
279	24.3	18.6	27.8

Manual Integrations
APPROVED

mohammad
11/30/2018 11:41:58 AM



#92
Benzo(g,h,i)perylene
Concen: 42.274 ng
RT: 30.09 min Scan# 4562
Delta R.T. 0.00 min
Lab File: BG038204.D
Acq: 28 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	21.7	17.2	25.8

