

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
 Data File : BG038246.D
 Acq On : 29 Nov 2018 23:37
 Operator : JU/SJ
 Sample : J6073-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHASIS-WASHMS

Manual Integrations
 APPROVED

mohammad
 11/30/2018 3:48:10 PM

Quant Time: Nov 30 01:30:33 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	8.09	152	32170	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	143300	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	86582	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	193283	20.00	ng	0.00
76) Chrysene-d12	21.75	240	176844	20.00	ng	0.00
87) Perylene-d12	25.07	264	187495	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	238665	128.09	ng	0.00
7) Phenol-d6	7.23	99	305562	114.89	ng	0.00
23) Nitrobenzene-d5	9.26	82	220123	82.23	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	104203	105.53	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	441422	74.27	ng	0.00
79) Terphenyl-d14	20.07	244	724654	96.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	29578	33.608	ng	# 47
3) Pyridine	3.93	79	77315	30.797	ng	92
4) n-Nitrosodimethylamine	3.84	42	49910	54.798	ng	88
6) Aniline	7.41	93	26754	7.794	ng	98
8) 2-Chlorophenol	7.65	128	111616	51.627	ng	98
9) Benzaldehyde	7.22	77	78583	40.856	ng	97
10) Phenol	7.26	94	131887	46.816	ng	95
11) bis(2-Chloroethyl)ether	7.50	93	103559	45.028	ng	98
12) 1,3-Dichlorobenzene	7.97	146	106651	42.821	ng	95
13) 1,4-Dichlorobenzene	8.12	146	108015	42.932	ng	99
14) 1,2-Dichlorobenzene	8.44	146	103159	42.946	ng	98
15) Benzyl Alcohol	8.33	79	160409	83.351	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	218918	51.261	ng	97
17) 2-Methylphenol	8.52	107	97765	51.330	ng	96
18) Hexachloroethane	9.16	117	39597	43.245	ng	98
19) n-Nitroso-di-n-propylamine	8.89	70	88755	46.119	ng	94
20) 3+4-Methylphenols	8.85	107	134319	49.748	ng	98
22) Acetophenone	8.92	105	167828	47.071	ng	# 96
24) Nitrobenzene	9.30	77	132482	48.378	ng	96
25) Isophorone	9.81	82	253248	52.559	ng	98
26) 2-Nitrophenol	10.01	139	64119	46.901	ng	92
27) 2,4-Dimethylphenol	10.06	122	114527	55.601	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	145945	47.369	ng	96
29) 2,4-Dichlorophenol	10.54	162	118046	50.950	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	114919	44.263	ng	97
31) Naphthalene	10.95	128	342263	48.560	ng	99
32) Benzoic acid	10.16	122	3756m	14.437	ng	
33) 4-Chloroaniline	11.07	127	8271	2.523	ng	# 94
34) Hexachlorobutadiene	11.21	225	68890	43.114	ng	97
35) Caprolactam	11.85	113	30697	33.101	ng	# 86
36) 4-Chloro-3-methylphenol	12.18	107	127605	50.413	ng	95
37) 2-Methylnaphthalene	12.55	142	250893	49.557	ng	98
38) 1-Methylnaphthalene	12.77	142	240872	49.427	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	132439	45.776	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
 Data File : BG038246.D
 Acq On : 29 Nov 2018 23:37
 Operator : JU/SJ
 Sample : J6073-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHASIS-WASHMS

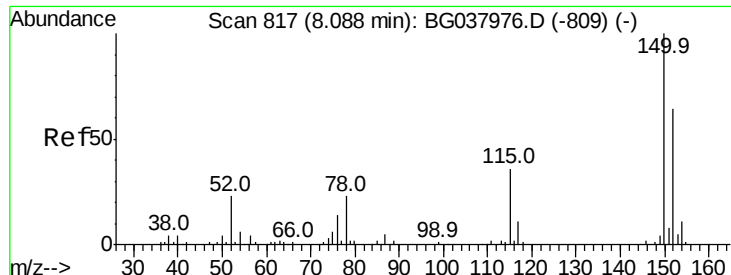
Manual Integrations
 APPROVED

mohammad
 11/30/2018 3:48:10 PM

Quant Time: Nov 30 01:30:33 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	109181	70.474	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	95311	48.344	nq	96
44) 2,4,5-Trichlorophenol	13.23	196	99777	48.099	nq	96
46) 1,1'-Biphenyl	13.55	154	324613	44.627	nq	99
47) 2-Chloronaphthalene	13.60	162	255733	46.073	nq	99
48) 2-Nitroaniline	13.81	65	91780	52.538	nq	98
49) Acenaphthylene	14.44	152	425247	50.947	nq	99
50) Dimethylphthalate	14.17	163	340861	49.659	nq	100
51) 2,6-Dinitrotoluene	14.30	165	75477	48.585	nq	96
52) Acenaphthene	14.78	154	242701	48.299	nq	98
53) 3-Nitroaniline	14.63	138	8527	4.974	nq	89
54) 2,4-Dinitrophenol	14.84	184	1365	10.723	nq	# 88
55) Dibenzofuran	15.11	168	395774	47.632	nq	96
56) 4-Nitrophenol	14.93	139	65259	49.360	nq	90
57) 2,4-Dinitrotoluene	15.08	165	102480	48.484	nq	# 97
58) Fluorene	15.77	166	312746	50.447	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	55330	31.876	nq	95
60) Diethylphthalate	15.52	149	341925	46.899	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	165406	45.597	nq	98
62) 4-Nitroaniline	15.80	138	70368	41.322	nq	94
63) Azobenzene	16.04	77	321907	49.383	nq	96
65) 4,6-Dinitro-2-methylphenol	15.84	198	3219	2.633	nq	86
66) n-Nitrosodiphenylamine	15.97	169	280776	48.018	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	101922	48.043	nq	96
68) Hexachlorobenzene	16.76	284	104545	47.743	nq	96
69) Atrazine	16.91	200	104012	48.253	nq	97
70) Pentachlorophenol	17.11	266	14865	9.995	nq	88
71) Phenanthrene	17.51	178	510954	51.633	nq	99
72) Anthracene	17.60	178	512862	52.576	nq	100
73) Carbazole	17.88	167	464714	47.484	nq	98
74) Di-n-butylphthalate	18.40	149	567236	51.632	nq	98
75) Fluoranthene	19.51	202	590707	52.319	nq	99
77) Benzidine	19.70	184	17071	2.751	nq	98
78) Pyrene	19.88	202	596161	51.561	nq	97
80) Butylbenzylphthalate	20.75	149	262146	51.845	nq	99
81) Benzo(a)anthracene	21.73	228	561200	52.513	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	44364	10.657	nq	91
83) Chrysene	21.80	228	526350	51.477	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	367125	50.913	nq	97
85) Di-n-octyl phthalate	22.83	149	626165	53.676	nq	97
86) Indeno(1,2,3-cd)pyrene	28.89	276	564949	49.748	nq	# 92
88) Benzo(b)fluoranthene	24.01	252	533396	51.696	nq	99
89) Benzo(k)fluoranthene	24.08	252	547242	53.750	nq	99
90) Benzo(a)pyrene	24.91	252	534193	54.174	nq	98
91) Dibenzo(a,h)anthracene	28.94	278	459337	48.414	nq	98
92) Benzo(g,h,i)perylene	30.08	276	451059	47.814	nq	99

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



#1

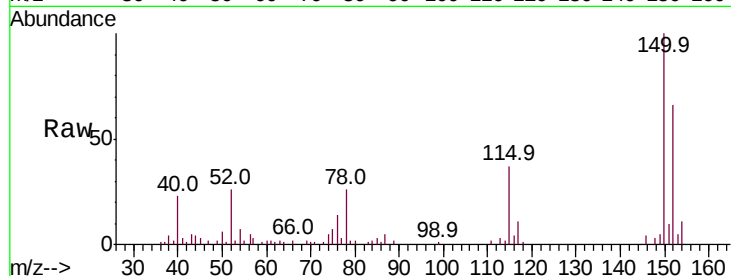
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	126.0	189.0
115	55.7	45.5	68.3

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM

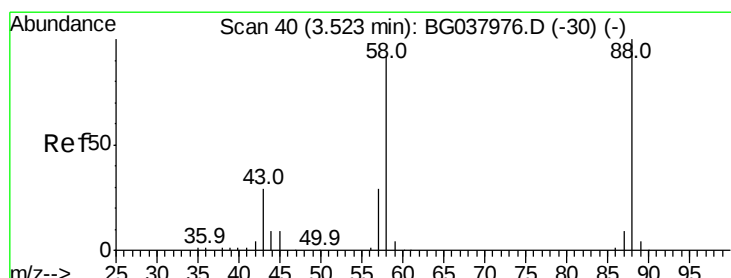
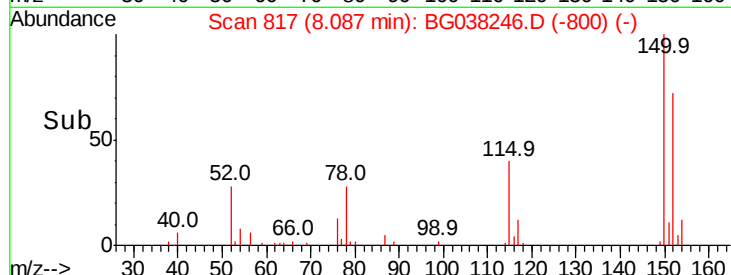
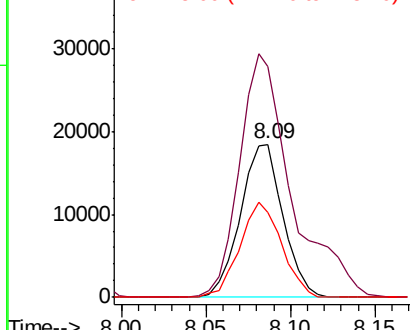


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

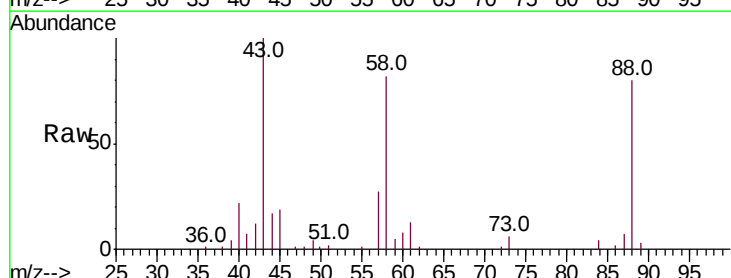
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.608 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.8	74.4	111.6
43	143.5	25.8	38.8#

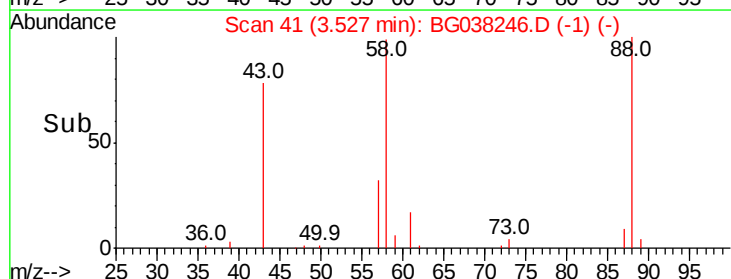
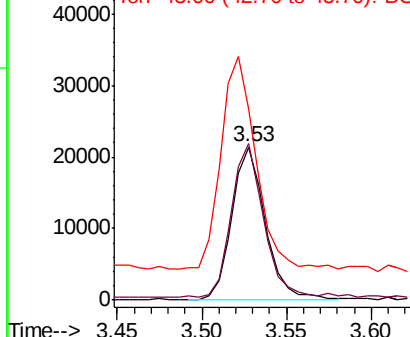


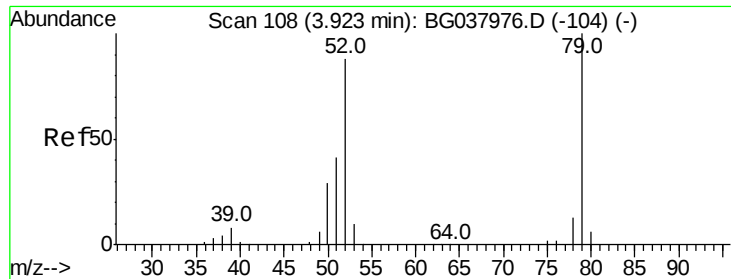
Abundance

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





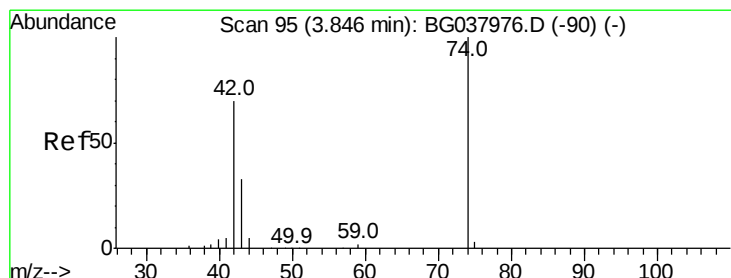
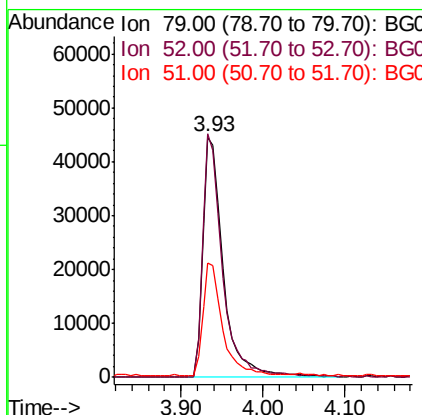
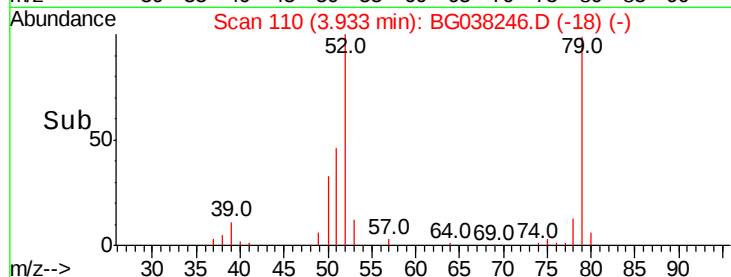
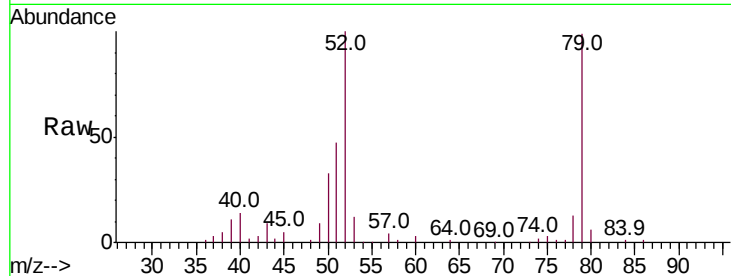
#3
 Pvridine
 Concen: 30.797 ng
 RT: 3.93 min Scan# 110
 Delta R.T. 0.01 min
 Lab File: BG038246.D
 Acq: 29 Nov 2018 23:37

Instrument :
 BNA_G
 ClientSampleId :
 CHASIS-WASHMS

Tot Ion: 79 Resp: 77315
 Ion Ratio Lower Upper
 79 100
 52 101.5 74.2 111.2
 51 47.6 34.6 51.8

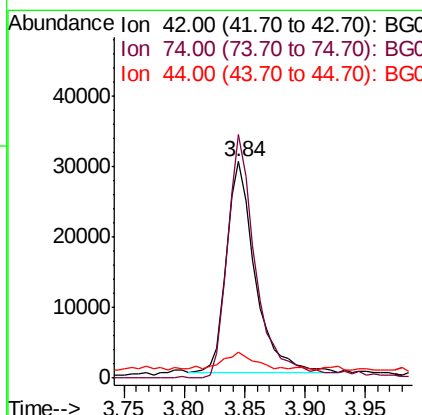
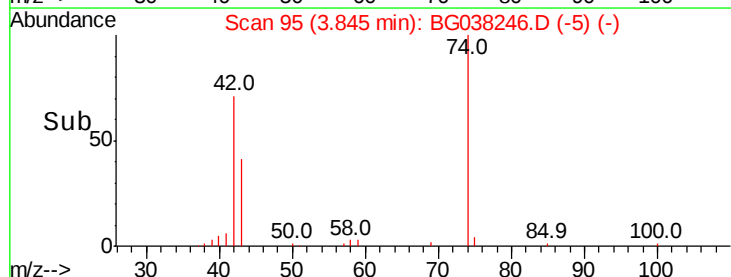
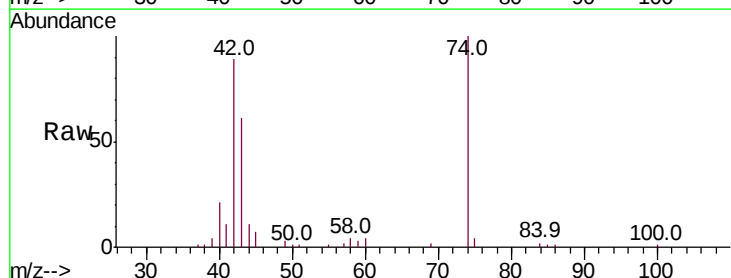
Manual Integrations
 APPROVED

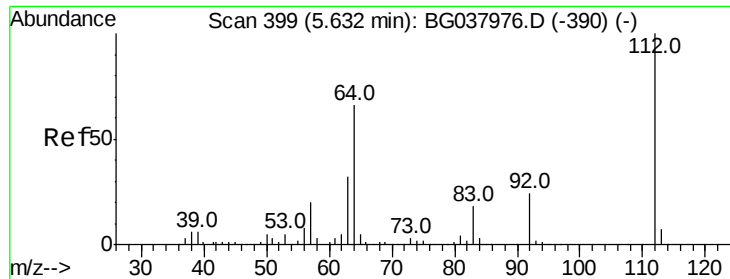
mohammad
 11/30/2018 3:48:10 PM



#4
 n-Nitrosodimethylamine
 Concen: 54.798 ng
 RT: 3.84 min Scan# 95
 Delta R.T. -0.00 min
 Lab File: BG038246.D
 Acq: 29 Nov 2018 23:37

Tgt Ion: 42 Resp: 49910
 Ion Ratio Lower Upper
 42 100
 74 112.4 102.0 153.0
 44 12.0 9.6 14.4





#5

2-Fluorophenol

Concen: 128.092 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

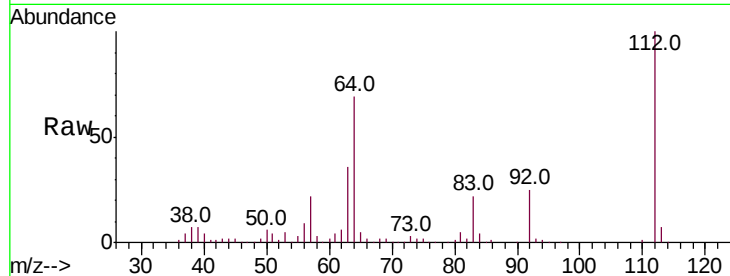
ClientSampleId :

CHASIS-WASHMS

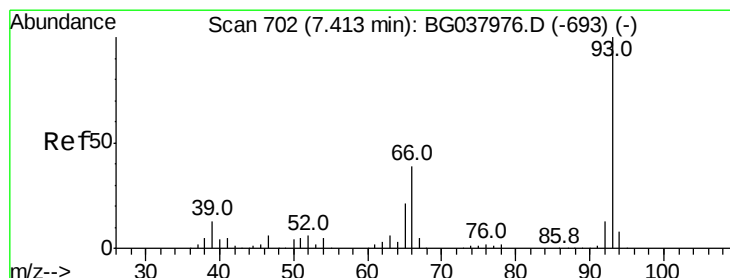
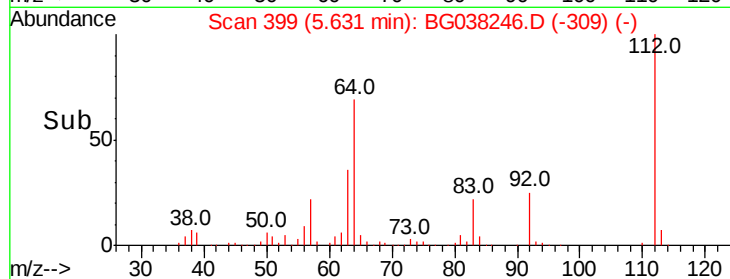
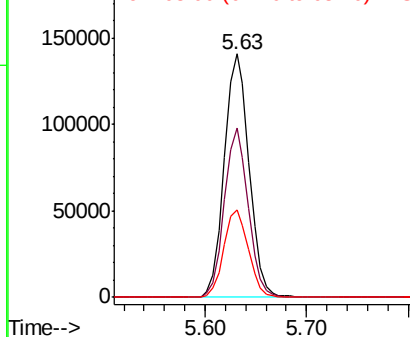
Tot Ion:	112	Resp:	238665
Ion Ratio	Lower	Upper	
112	100		
64	69.3	53.1	79.7
63	36.1	27.3	40.9

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



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: 7.794 ng

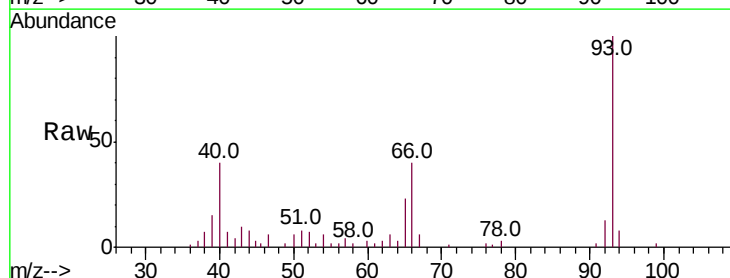
RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

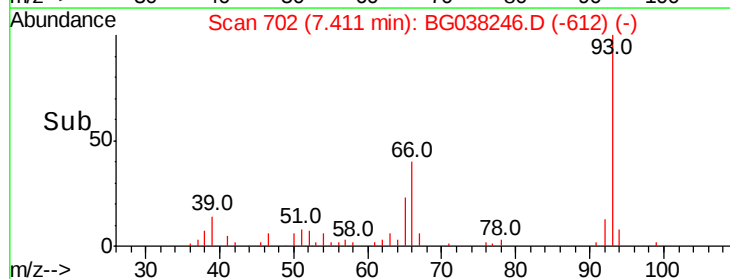
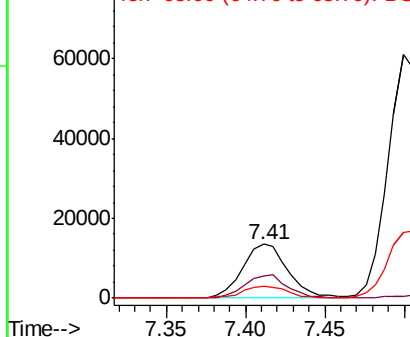
Lab File: BG038246.D

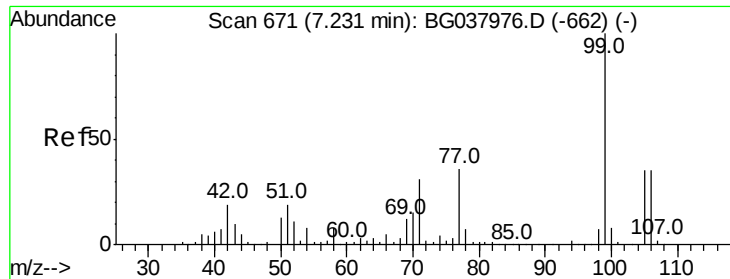
Acq: 29 Nov 2018 23:37

Tgt Ion:	93	Resp:	26754
Ion Ratio	Lower	Upper	
93	100		
66	40.4	32.8	49.2
65	22.6	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: 114.888 ng

RT: 7.23 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

ClientSampleId :

CHASIS-WASHMS

Tot Ion: 99 Resp: 305562

Ion Ratio Lower Upper

99 100

42 22.1 15.0 22.4

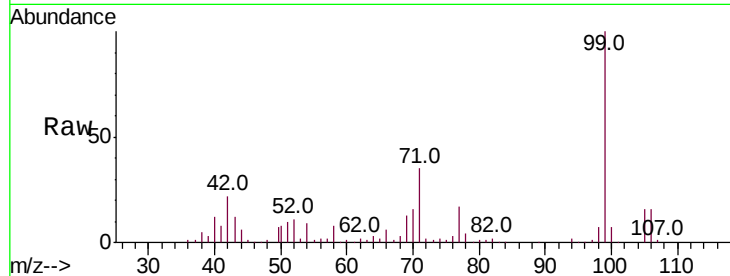
71 34.9 25.5 38.3

Manual Integrations

APPROVED

mohammad

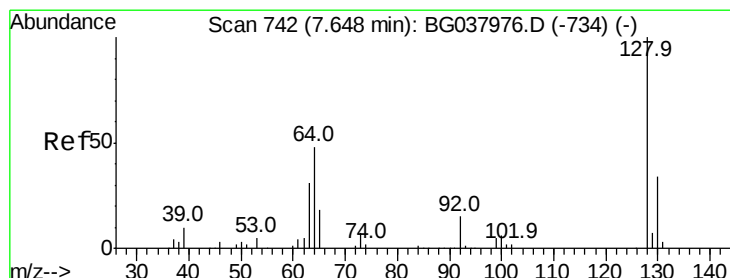
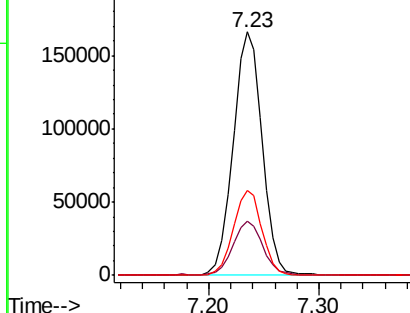
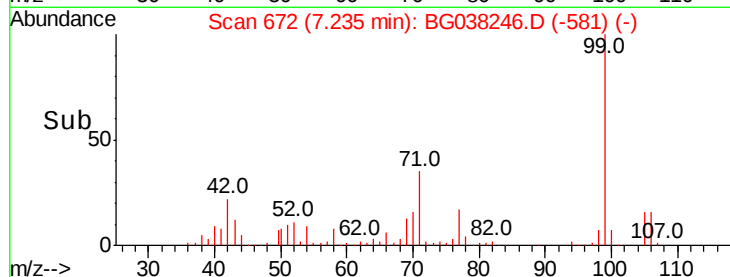
11/30/2018 3:48:10 PM



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: 51.627 ng

RT: 7.65 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

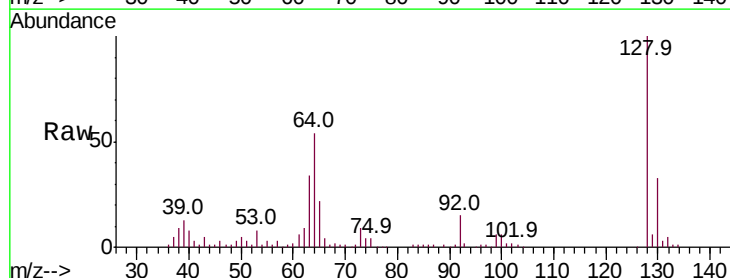
Tgt Ion:128 Resp: 111616

Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

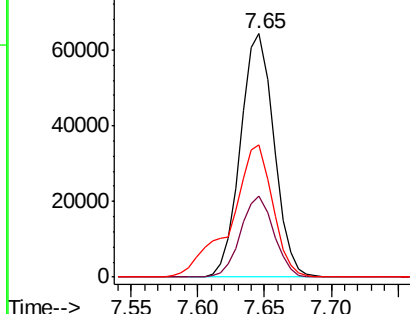
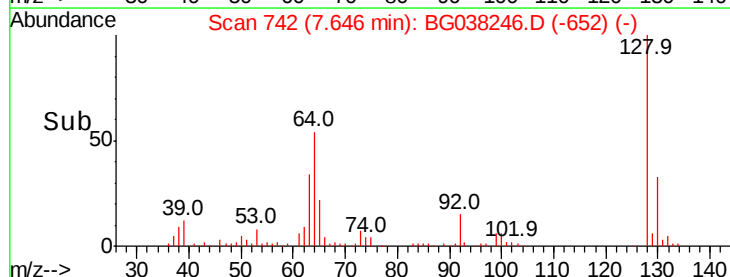
64 54.2 32.9 72.9

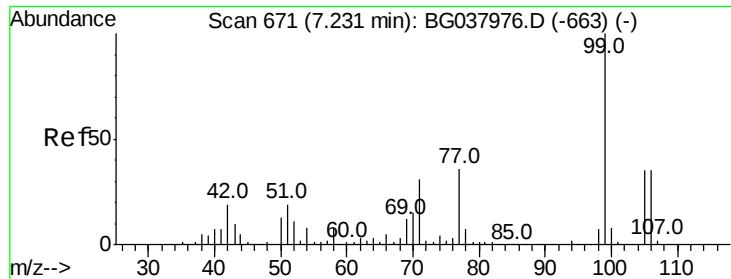


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





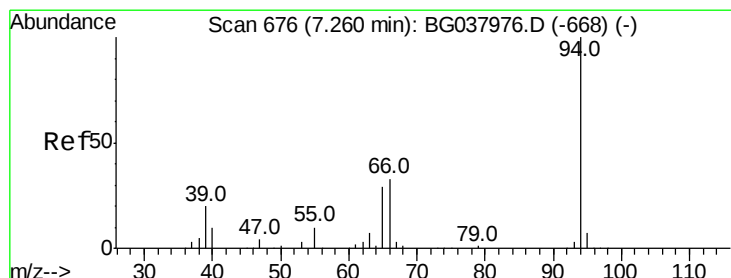
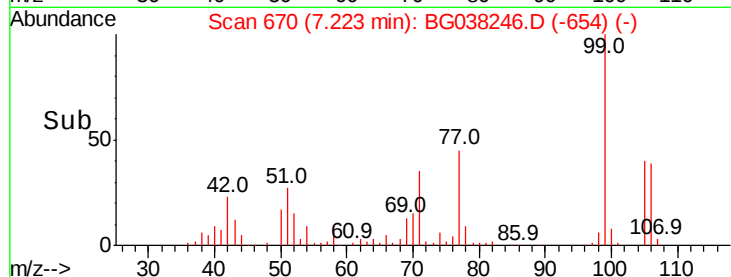
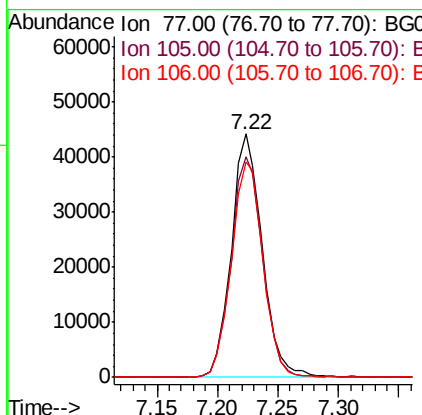
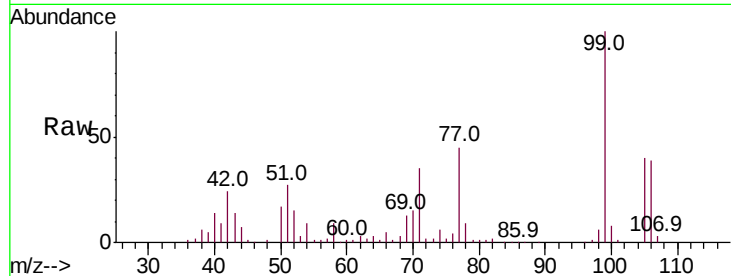
#9
Benzaldehyde
Concen: 40.856 ng
RT: 7.22 min Scan# 670
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.4	72.6	112.6
106	88.4	71.3	111.3

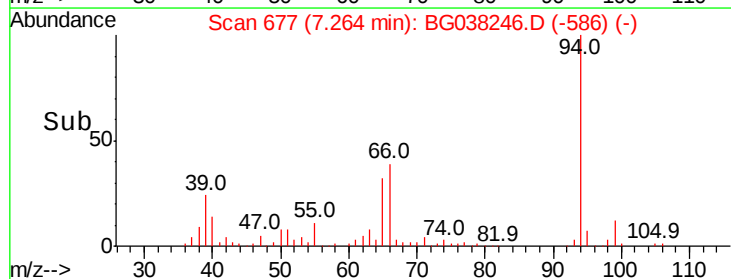
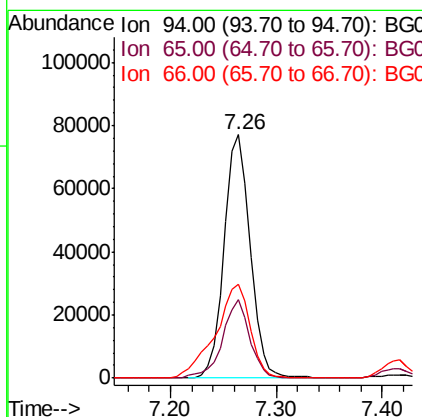
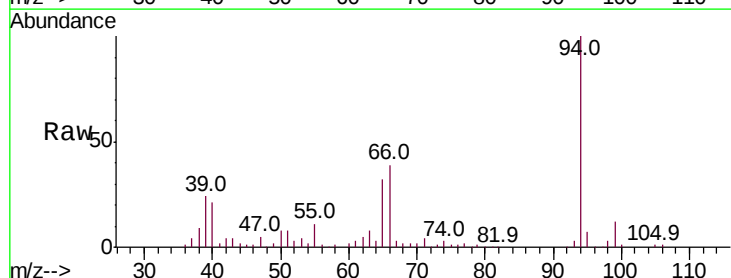
Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



#10
Phenol
Concen: 46.816 ng
RT: 7.26 min Scan# 677
Delta R.T. 0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.3	9.7	49.7
66	38.8	15.9	55.9





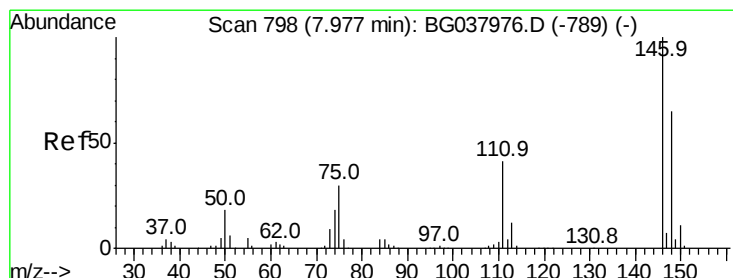
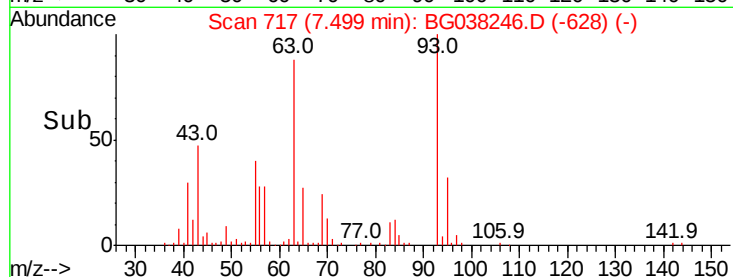
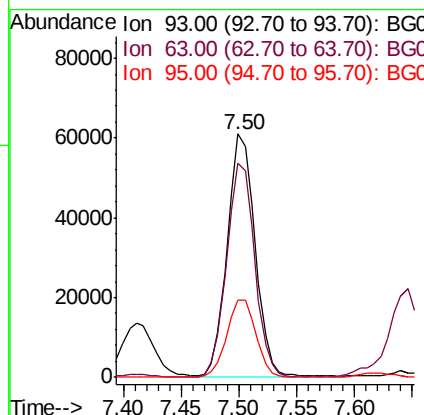
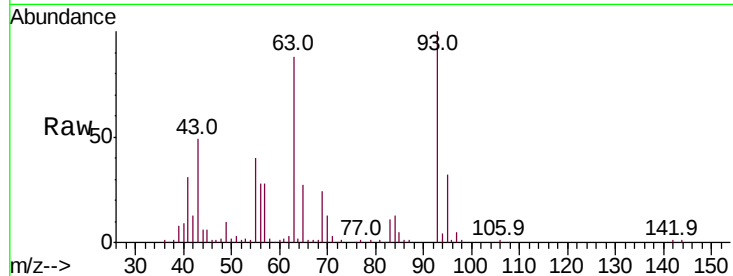
#11
bis(2-Chloroethyl)ether
Concen: 45.028 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.0	69.5	109.5
95	31.7	12.6	52.6

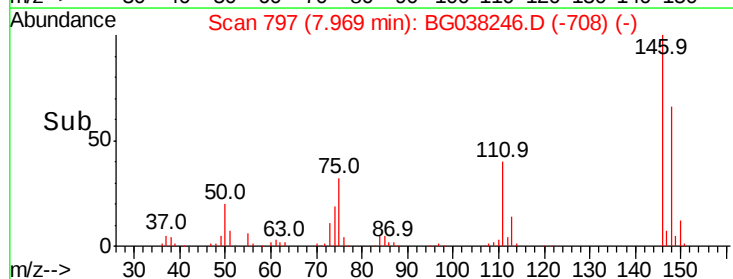
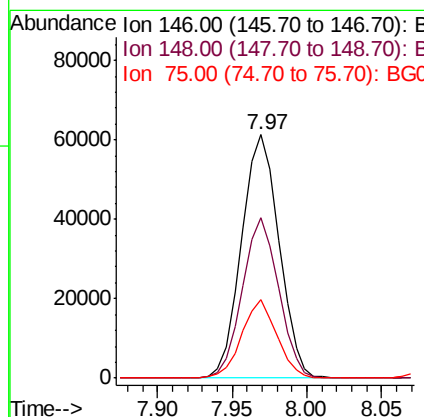
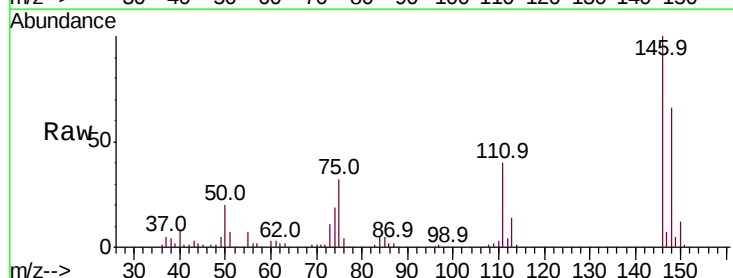
Manual Integrations
APPROVED

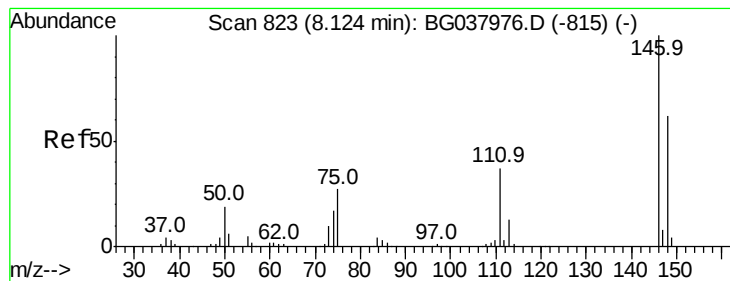
mohammad
11/30/2018 3:48:10 PM



#12
1,3-Dichlorobenzene
Concen: 42.821 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	49.8	74.8
75	32.2	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 42.932 ng

RT: 8.12 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

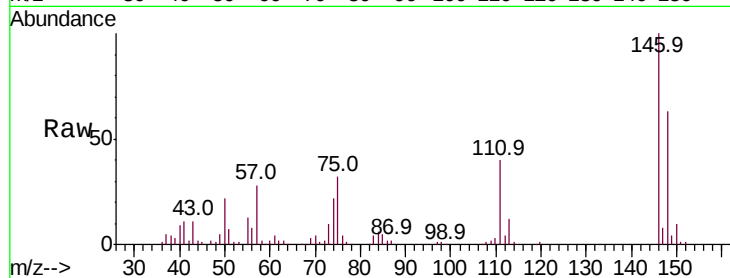
ClientSampleId :

CHASIS-WASHMS

Tot Ion:	146	Resp:	108015
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.0	76.6
111	40.4	32.4	48.6

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM

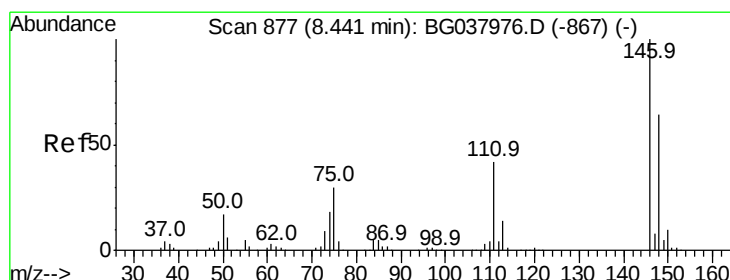
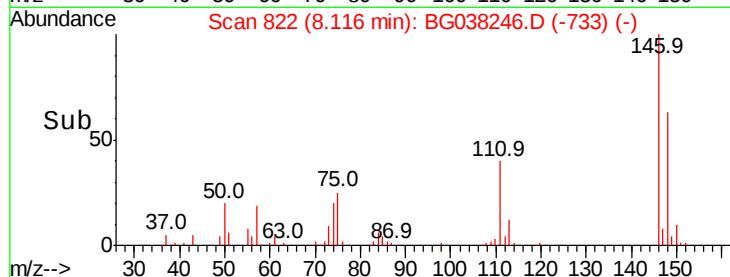
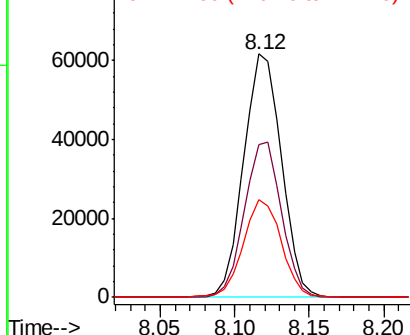


Abundance

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: 42.946 ng

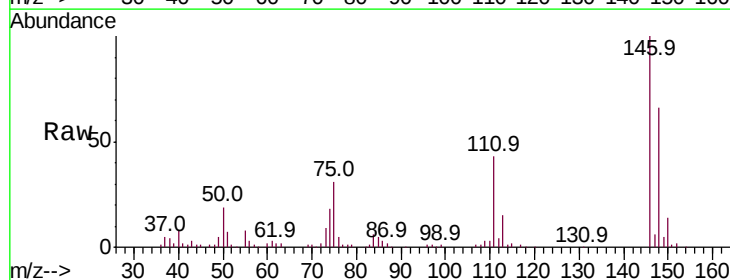
RT: 8.44 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Tgt Ion:	146	Resp:	103159
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.4	75.6
111	42.9	34.6	51.8

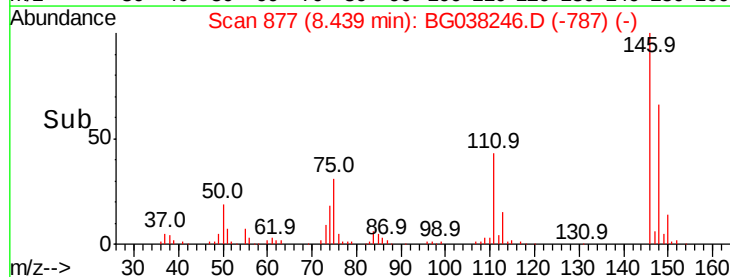
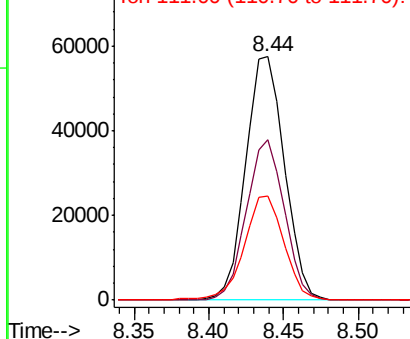


Abundance

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





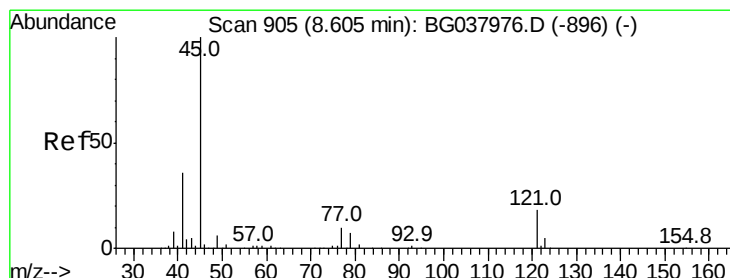
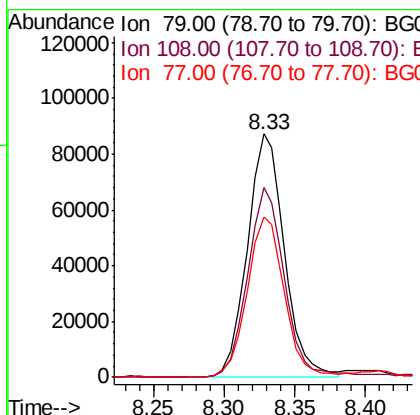
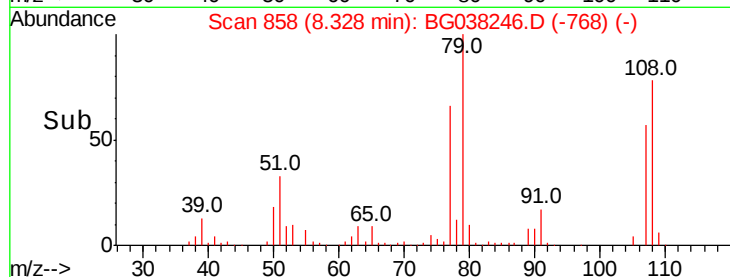
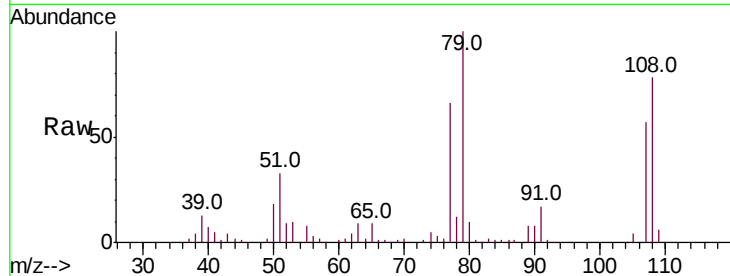
#15
Benzyl Alcohol
Concen: 83.351 ng
RT: 8.33 min Scan# 858
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	65.8	98.8
77	65.9	52.9	79.3

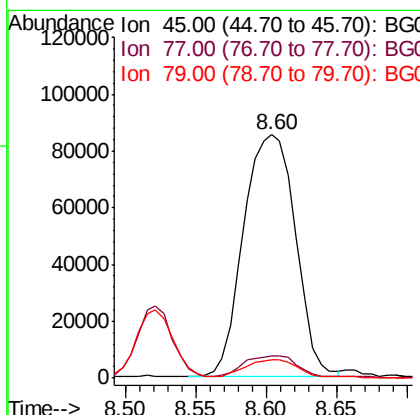
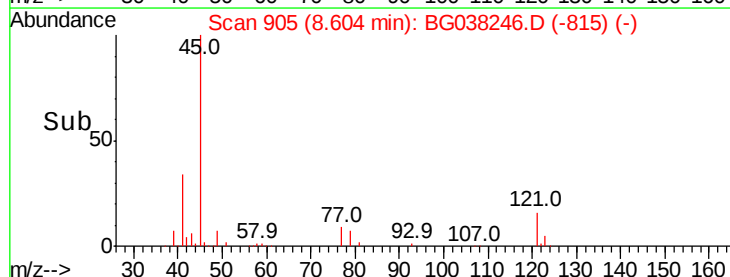
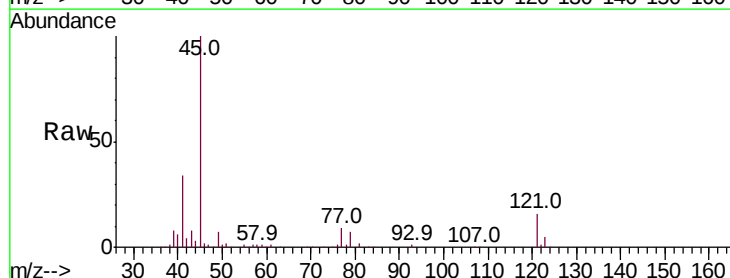
Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 51.261 ng
RT: 8.60 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.2	0.0	30.0
79	7.5	0.0	29.0





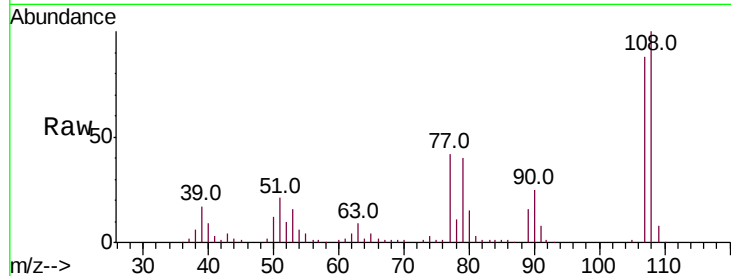
#17
2-Methylphenol
Concen: 51.330 ng
RT: 8.52 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	87.9	131.9
77	47.8	35.1	52.7
79	45.1	34.5	51.7

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



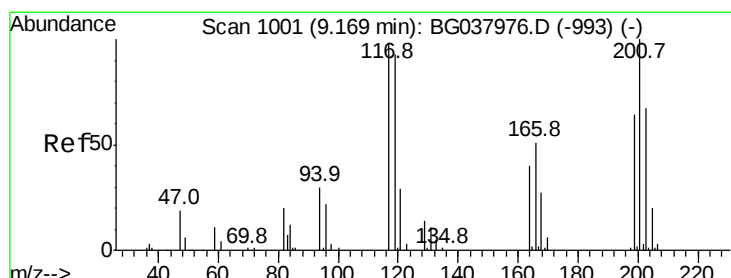
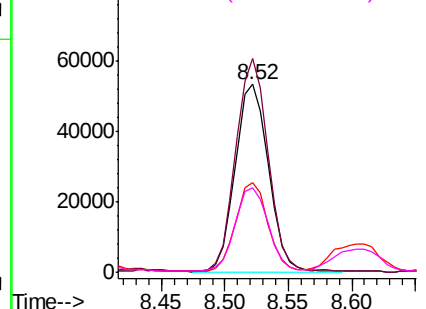
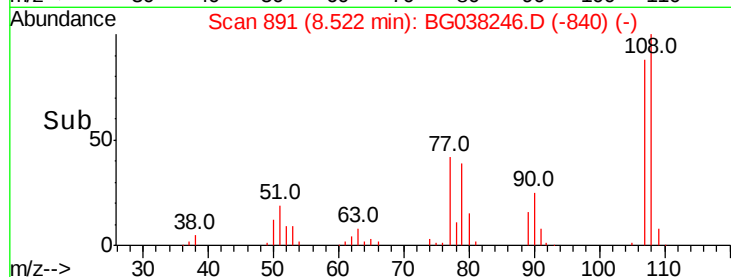
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

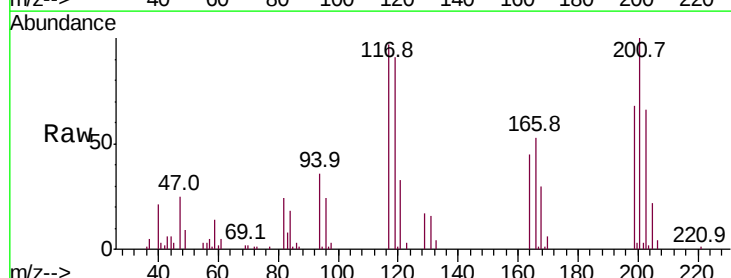
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.245 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	74.6	111.8
201	105.5	80.8	121.2

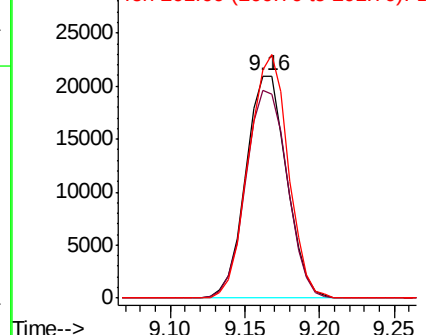
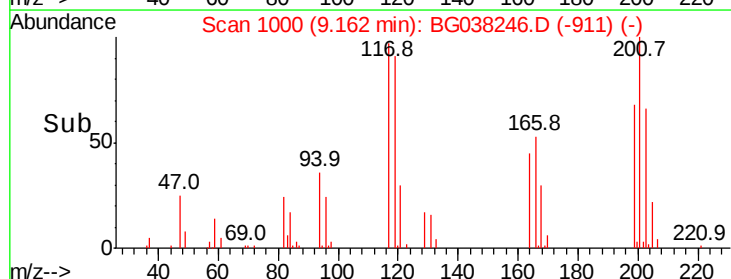


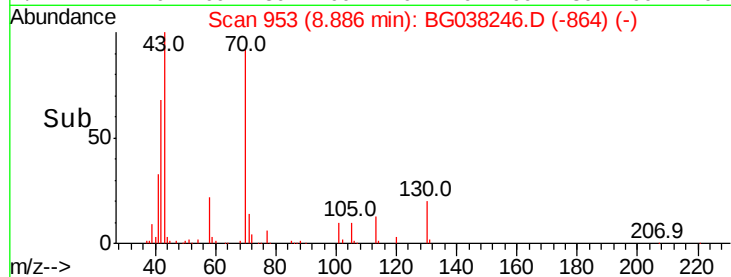
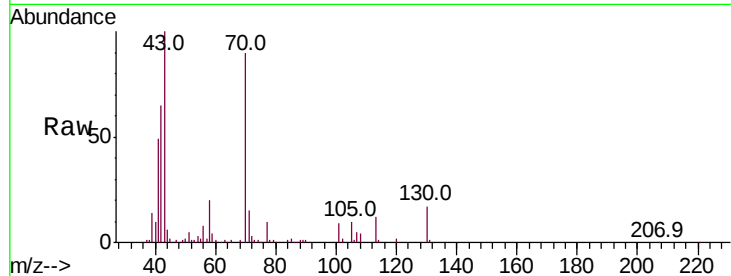
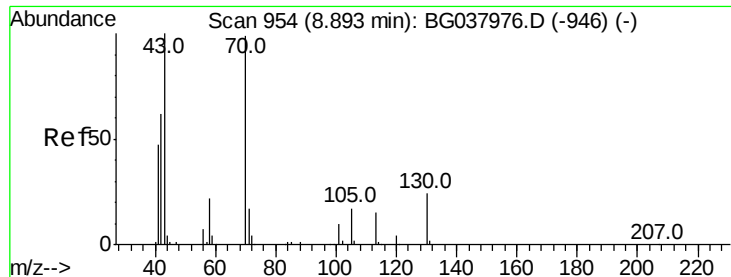
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.119 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

ClientSampleId :

CHASIS-WASHMS

Tot Ion: 70 Resp: 88755

Ion Ratio Lower Upper

70 100

42 72.1 53.9 80.9

101 9.6 8.2 12.2

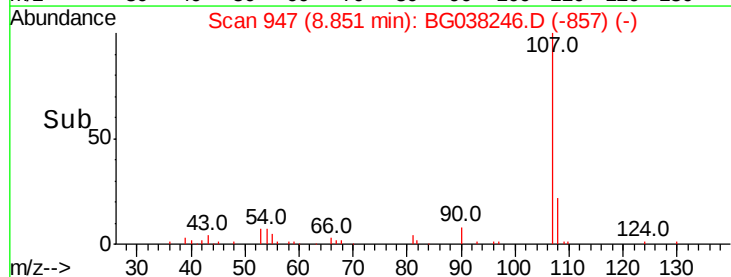
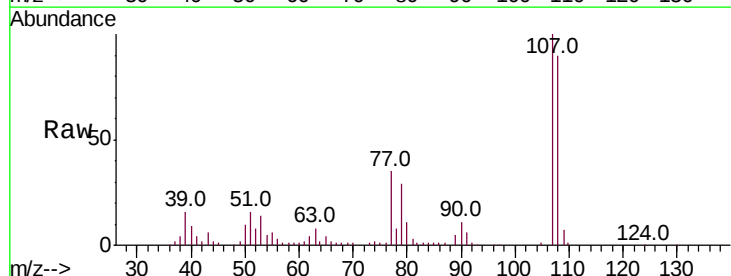
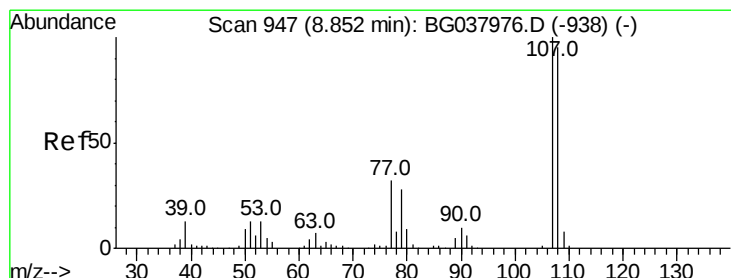
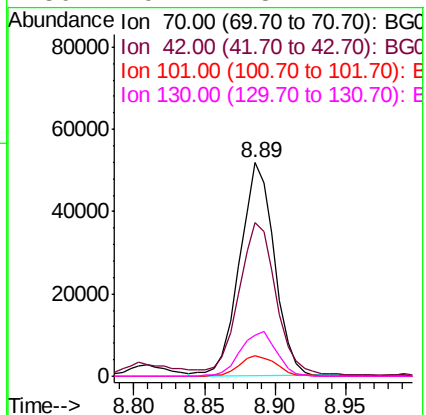
130 19.1 18.2 27.4

Manual Integrations

APPROVED

mohammad

11/30/2018 3:48:10 PM



#20

3+4-Methylphenols

Concen: 49.748 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Tgt Ion: 107 Resp: 134319

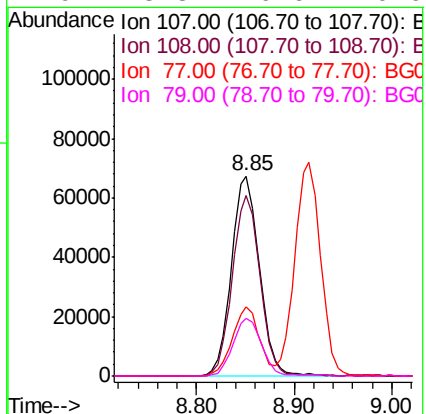
Ion Ratio Lower Upper

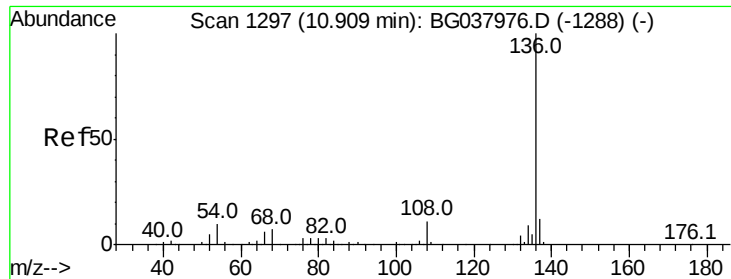
107 100

108 90.3 69.9 109.9

77 34.8 11.2 51.2

79 28.8 6.6 46.6





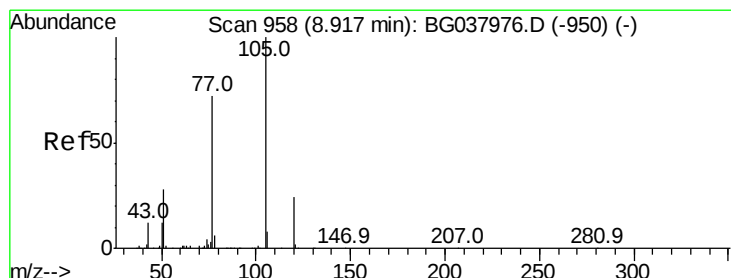
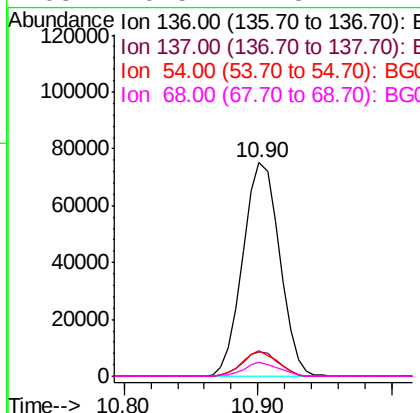
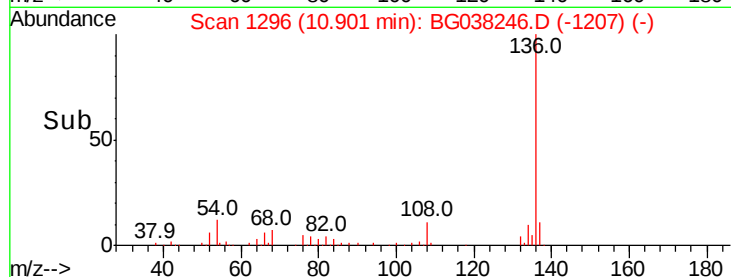
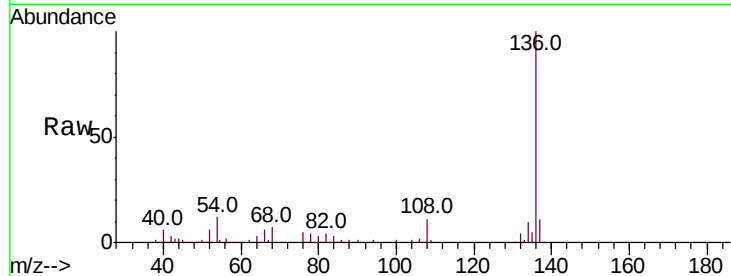
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	143300		
137	11.2		9.6	14.4
54	12.4		7.9	11.9#
68	6.5		4.8	7.2

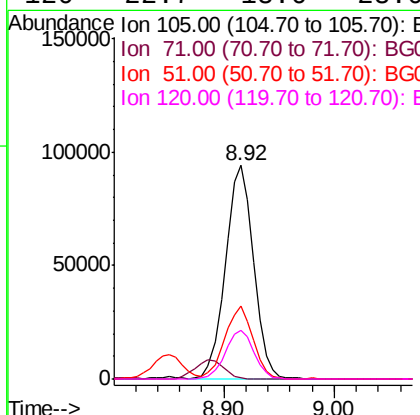
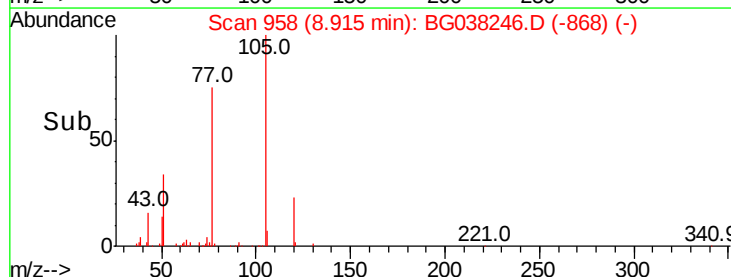
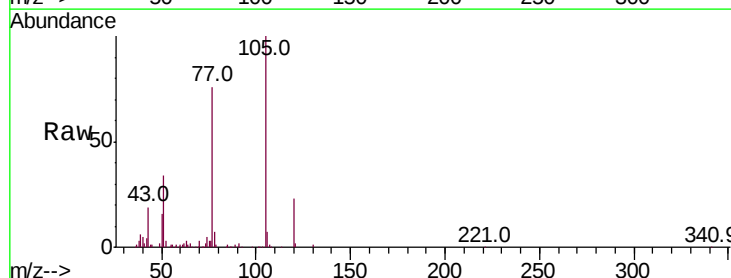
Manual Integrations
APPROVED

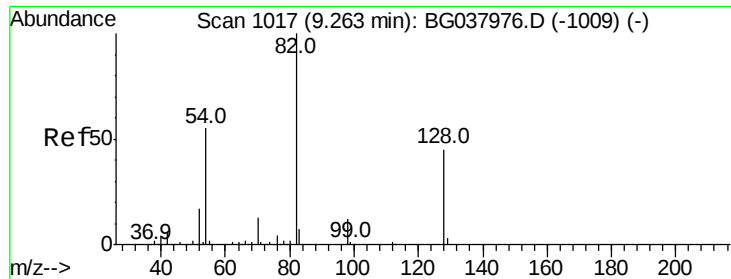
mohammad
11/30/2018 3:48:10 PM



#22
Acetophenone
Concen: 47.071 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167828		
71	0.5		1.2	1.8#
51	34.3		25.0	37.6
120	22.7		18.6	28.0





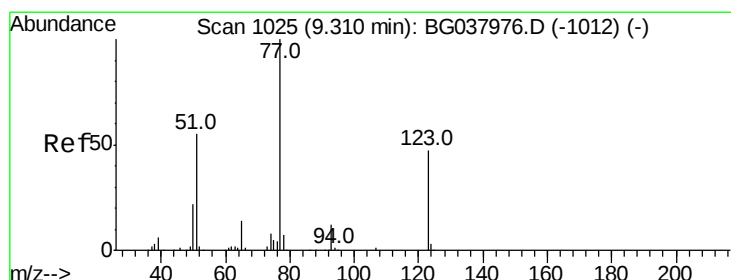
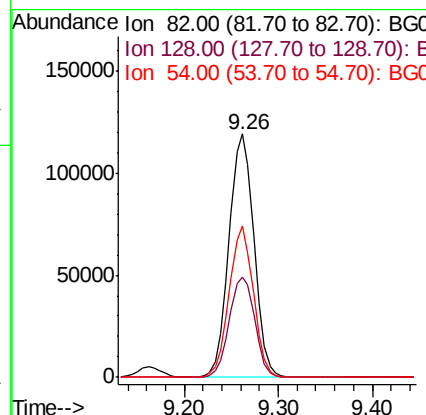
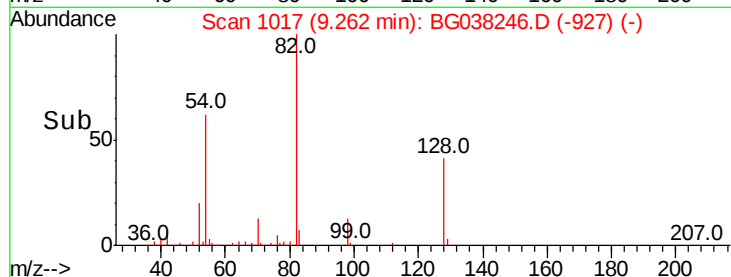
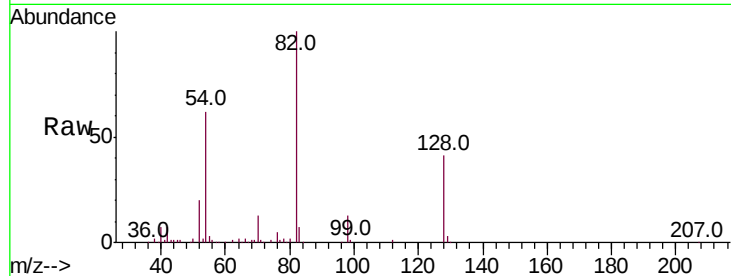
#23
Nitrobenzene-d5
Concen: 82.228 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	51.8
54	62.1	45.3	67.9

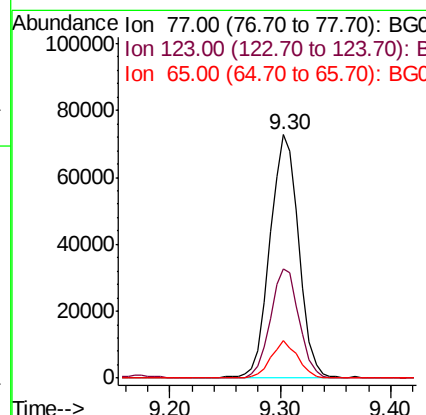
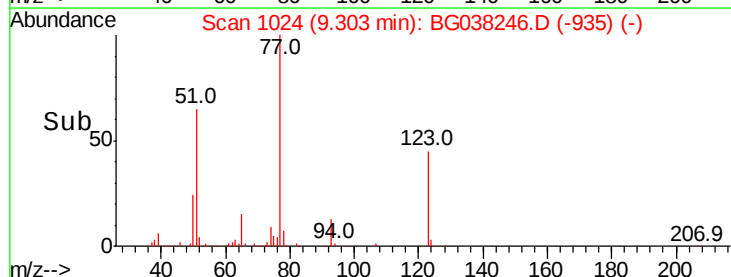
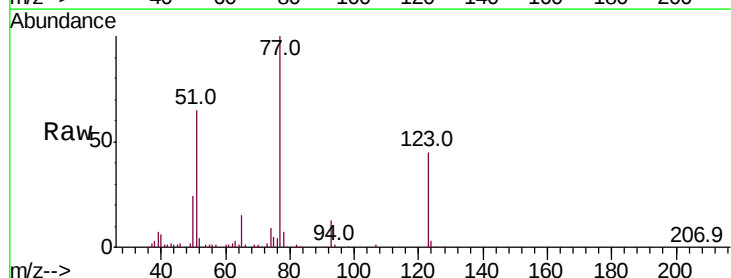
Manual Integrations
APPROVED

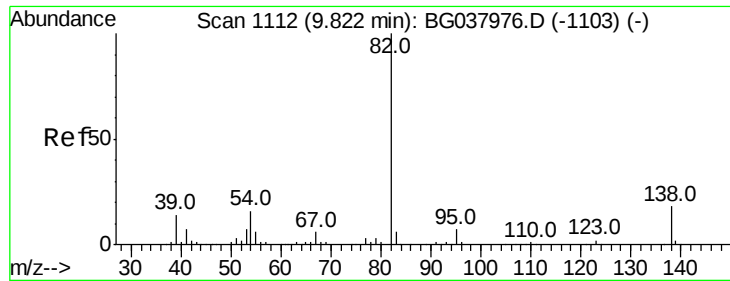
mohammad
11/30/2018 3:48:10 PM



#24
Nitrobenzene
Concen: 48.378 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	33.6	50.4
65	15.2	11.3	16.9





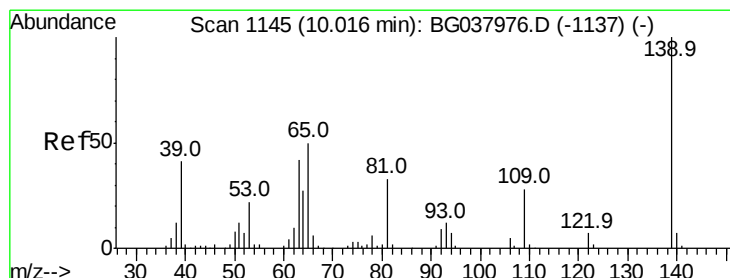
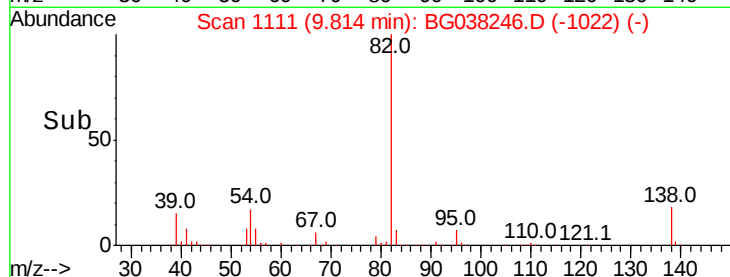
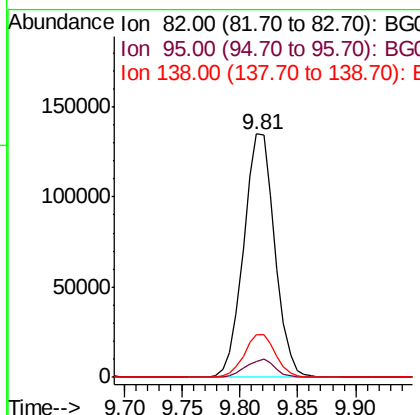
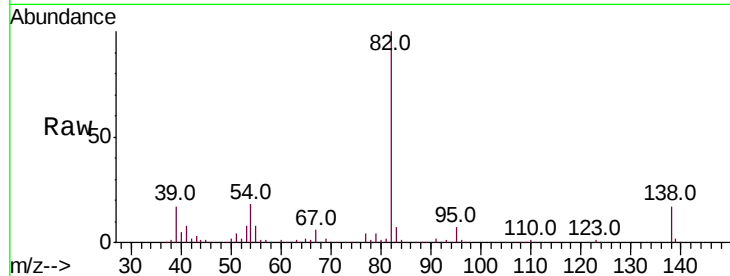
#25
Isophorone
Concen: 52.559 ng
RT: 9.81 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	17.5	13.3	19.9

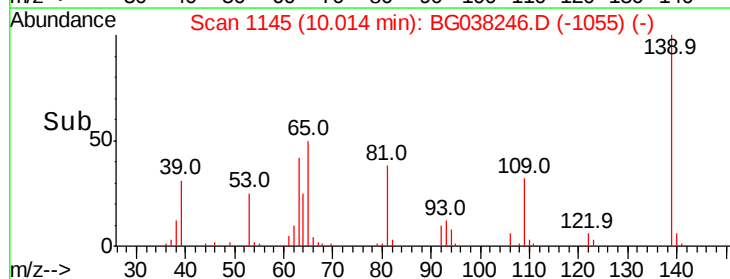
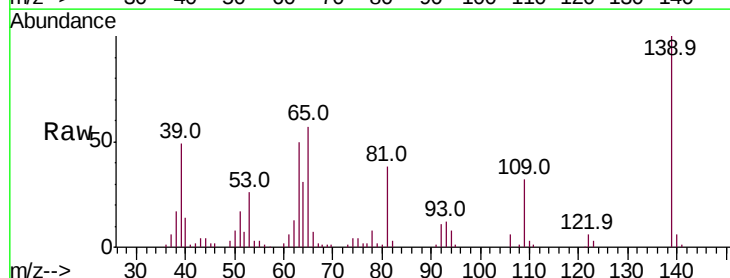
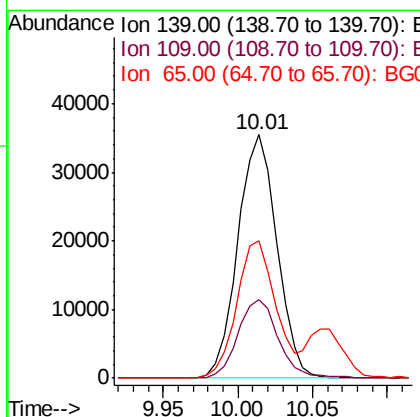
Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



#26
2-Nitrophenol
Concen: 46.901 ng
RT: 10.01 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.1	23.3	34.9
65	56.7	39.8	59.8





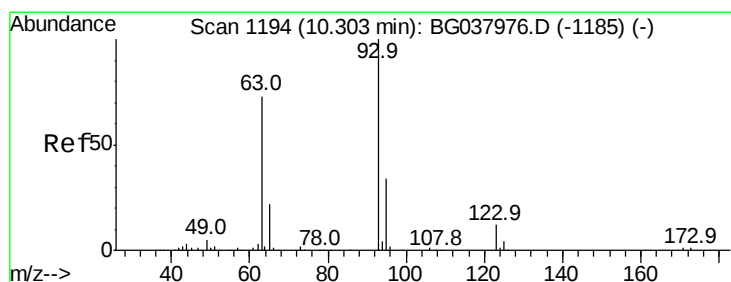
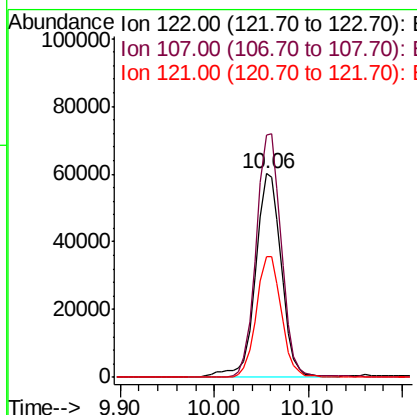
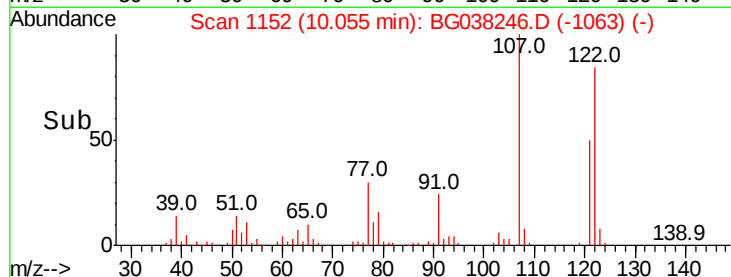
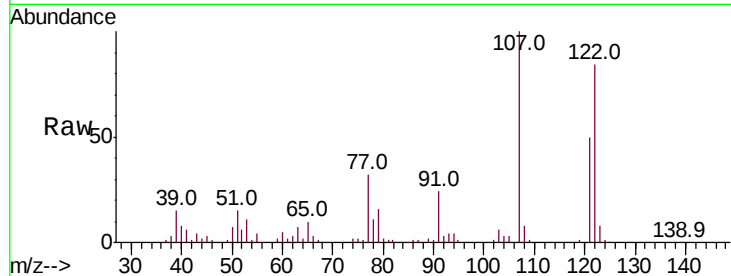
#27
2,4-Dimethylphenol
Concen: 55.601 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.9	94.2	141.2
121	59.0	47.3	70.9

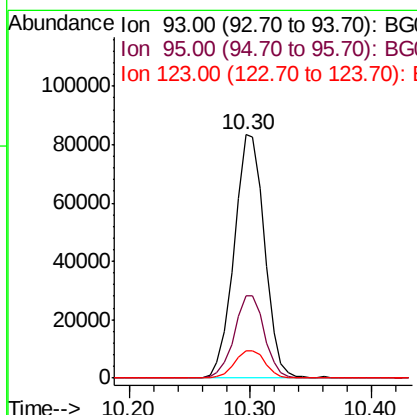
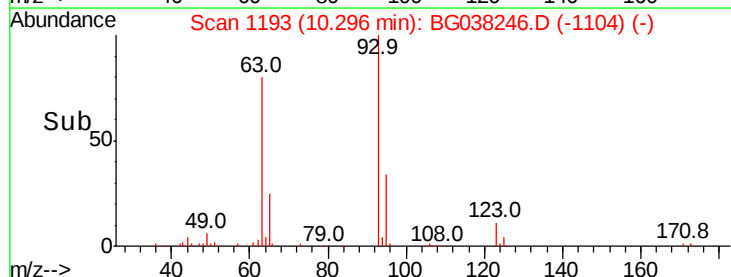
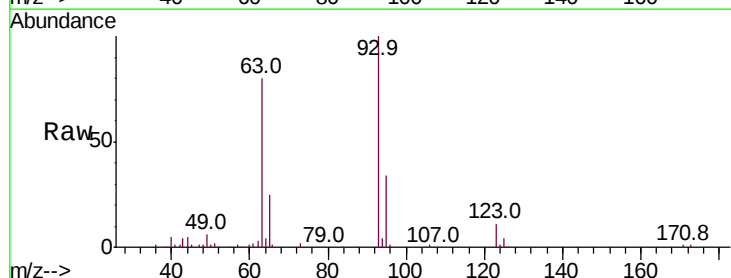
Manual Integrations
APPROVED

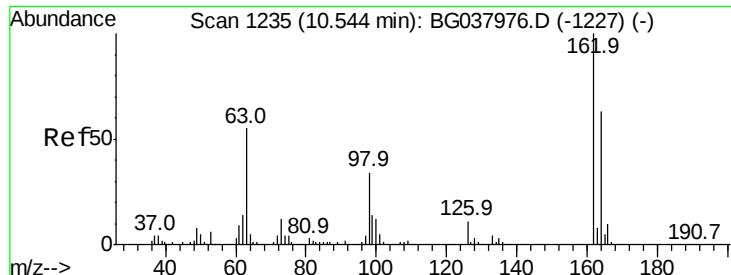
mohammad
11/30/2018 3:48:10 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.369 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	24.6	37.0
123	11.1	9.1	13.7





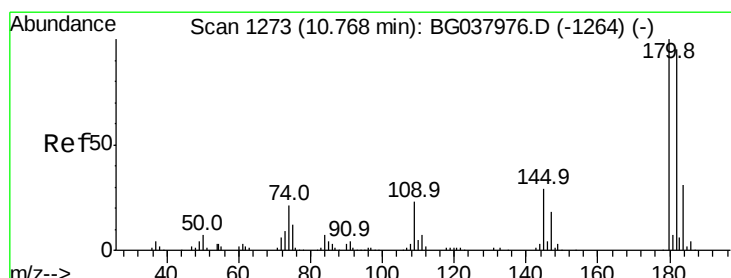
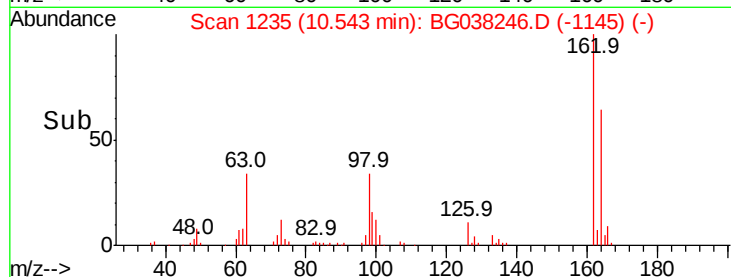
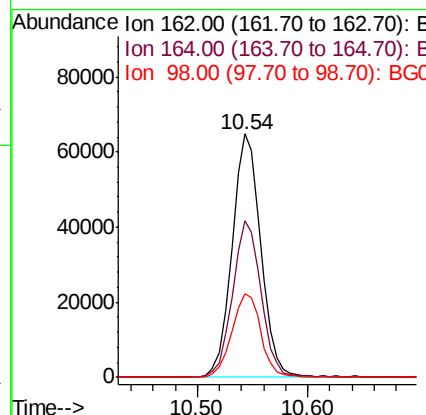
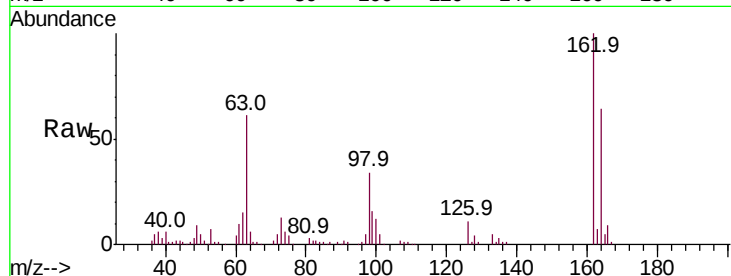
#29
 2,4-Dichlorophenol
 Concen: 50.950 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG038246.D
 Acq: 29 Nov 2018 23:37

Instrument :
 BNA_G
 ClientSampleId :
 CHASIS-WASHMS

Tot Ion:	162	Resp:	118046
Ion Ratio	Lower	Upper	
162	100		
164	64.3	43.2	83.2
98	34.3	16.0	56.0

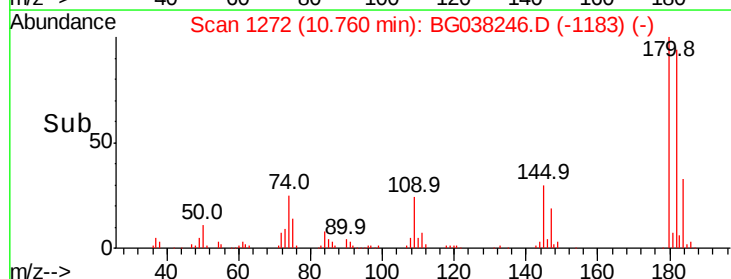
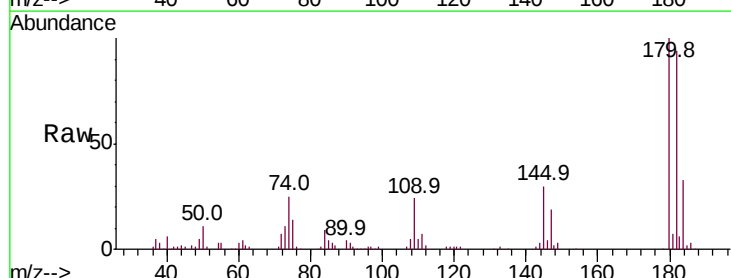
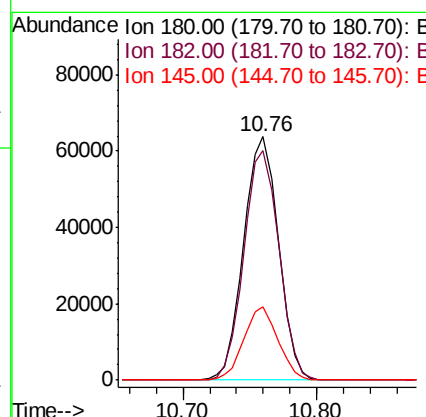
Manual Integrations
 APPROVED

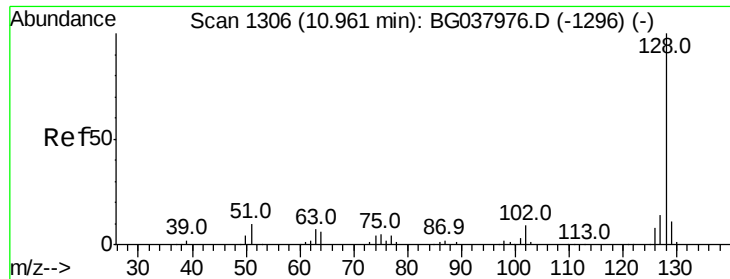
mohammad
 11/30/2018 3:48:10 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.263 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038246.D
 Acq: 29 Nov 2018 23:37

Tgt Ion:	180	Resp:	114919
Ion Ratio	Lower	Upper	
180	100		
182	94.1	77.7	116.5
145	29.9	23.3	34.9





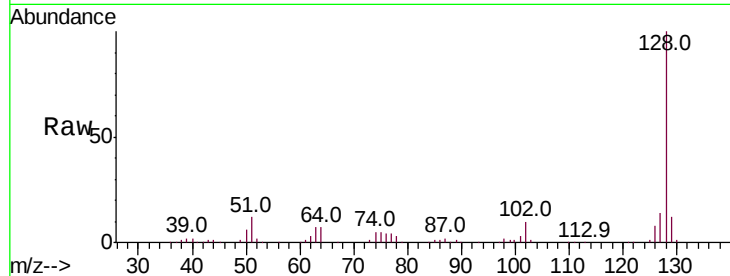
#31
Naphthalene
Concen: 48.560 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

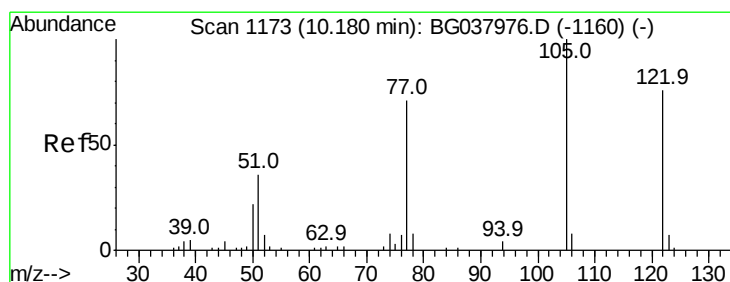
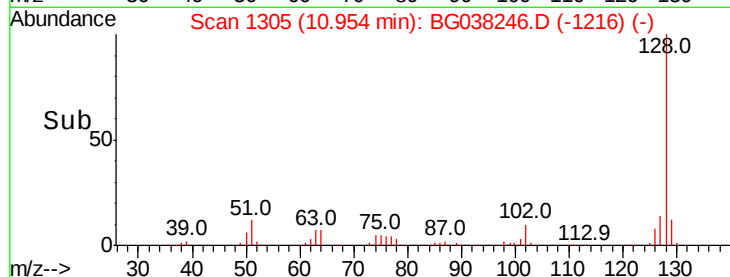
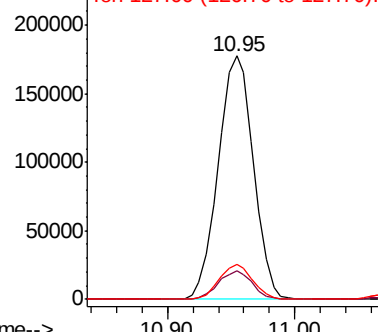
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	14.2	11.1	16.7

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM

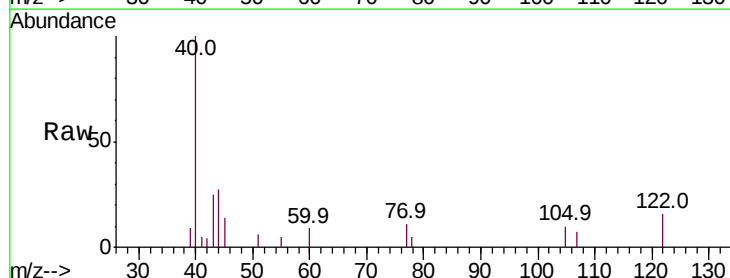


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

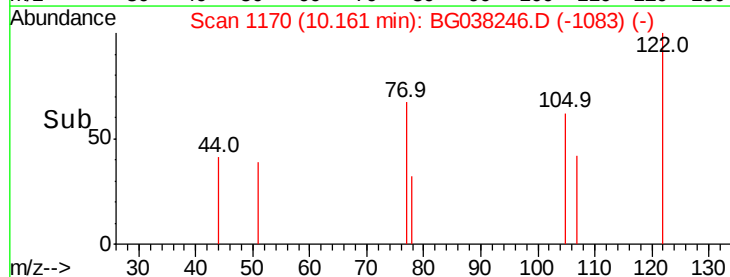
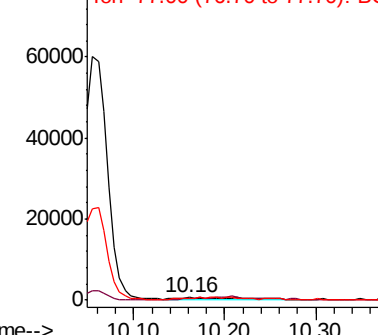


#32
Benzoic acid
Concen: 14.437 ng m
RT: 10.16 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	62.1	106.7	146.7#
77	66.6	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): BGO





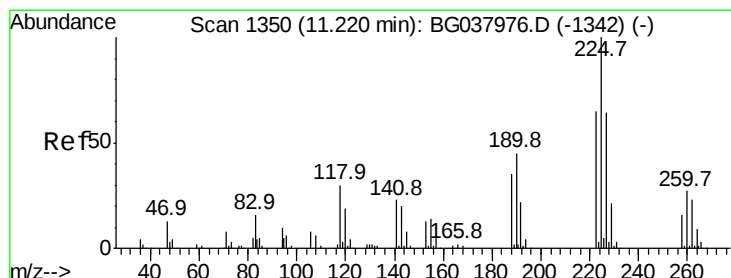
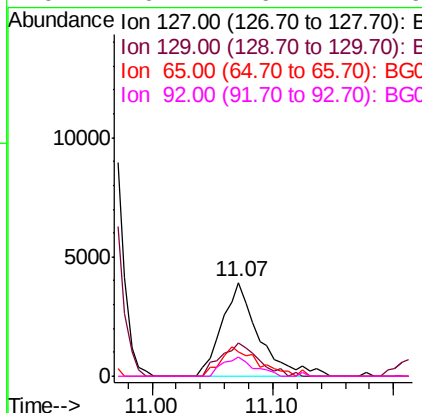
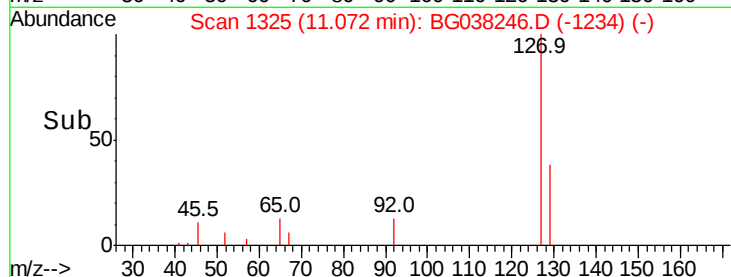
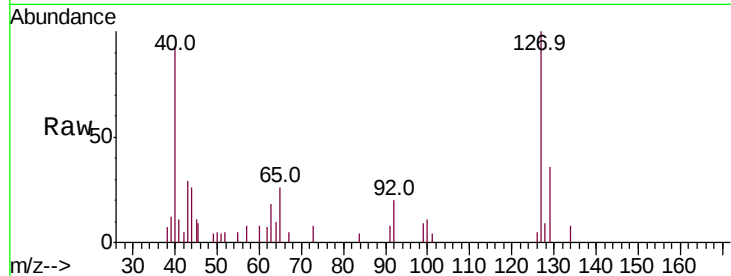
#33
4-Chloroaniline
Concen: 2.523 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.8	27.1	40.7
65	26.4	26.6	39.8
92	20.4	16.4	24.6

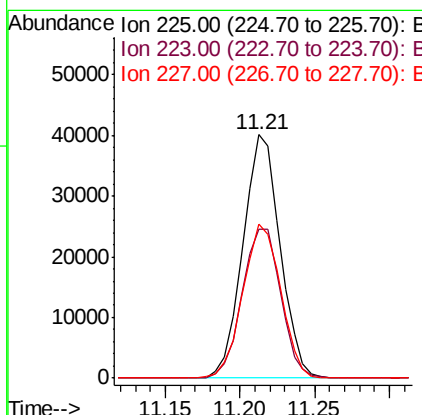
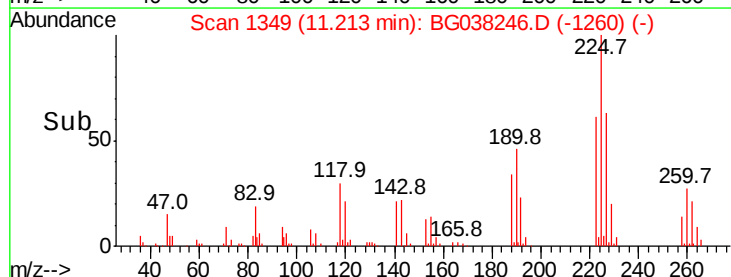
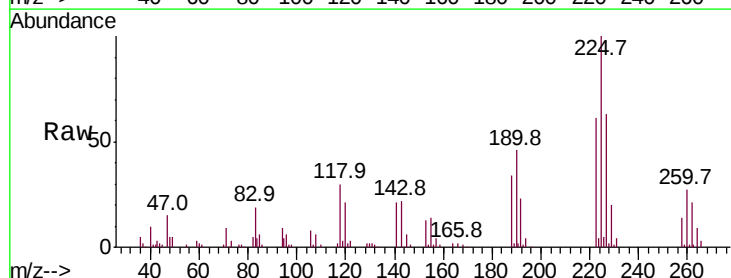
Manual Integrations
APPROVED

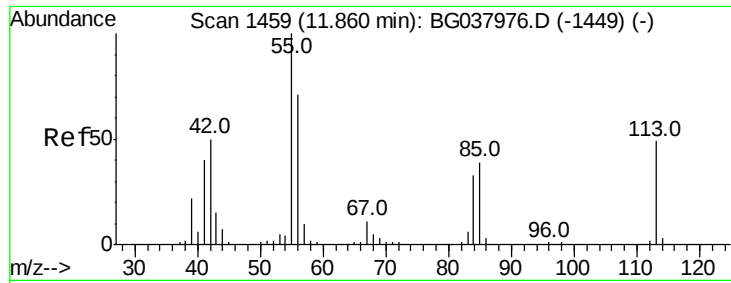
mohammad
11/30/2018 3:48:10 PM



#34
Hexachlorobutadiene
Concen: 43.114 ng
RT: 11.21 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.3	48.2	72.4
227	62.5	51.6	77.4





#35

Caprolactam

Concen: 33.101 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

ClientSampleId :

CHASIS-WASHMS

Tot Ion:113 Resp: 30697

Ion Ratio Lower Upper

113 100

55 225.5 176.6 216.6#

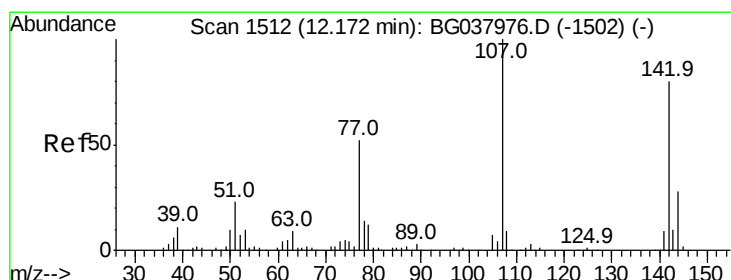
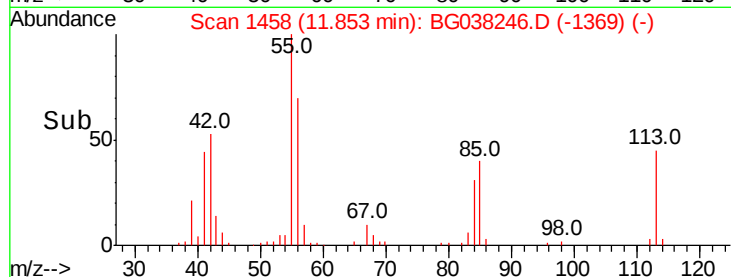
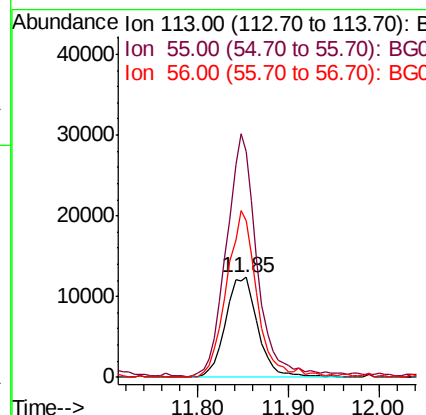
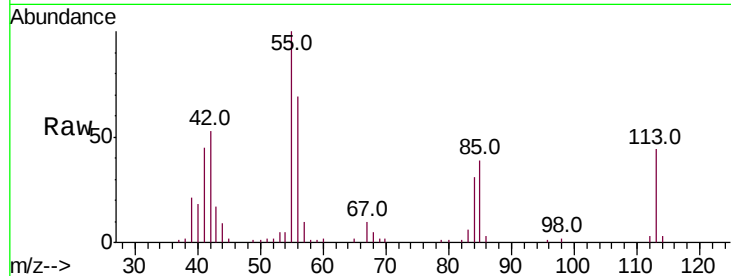
56 156.3 128.3 168.3

Manual Integrations

APPROVED

mohammad

11/30/2018 3:48:10 PM



#36

4-Chloro-3-methylphenol

Concen: 50.413 ng

RT: 12.18 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

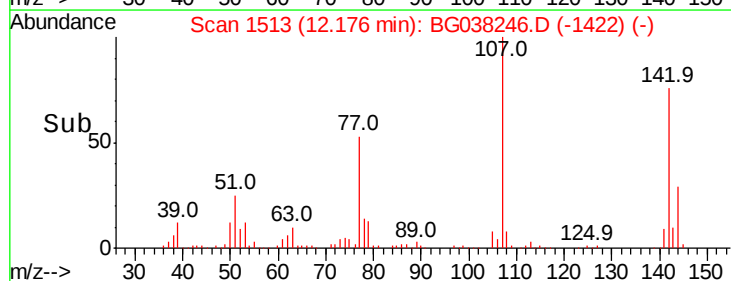
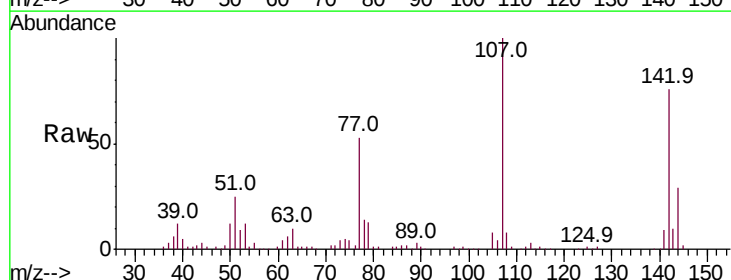
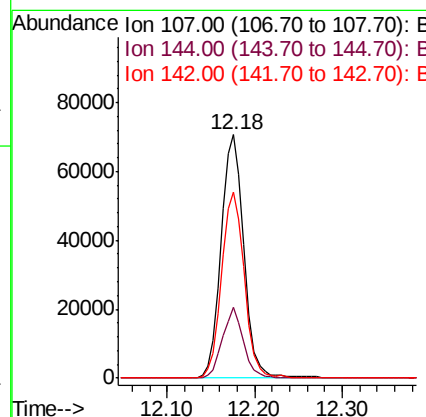
Tgt Ion:107 Resp: 127605

Ion Ratio Lower Upper

107 100

144 29.1 20.7 31.1

142 76.2 64.4 96.6





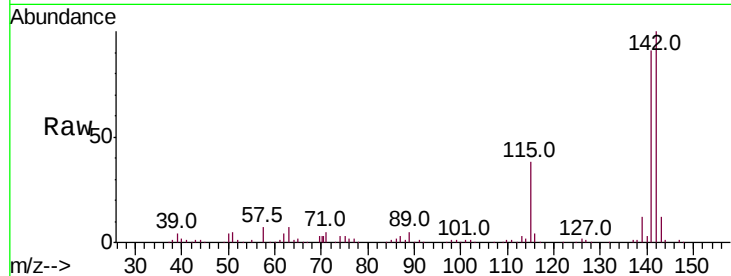
#37
2-Methylnaphthalene
Concen: 49.557 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.9	107.9
115	37.8	27.8	41.8

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM

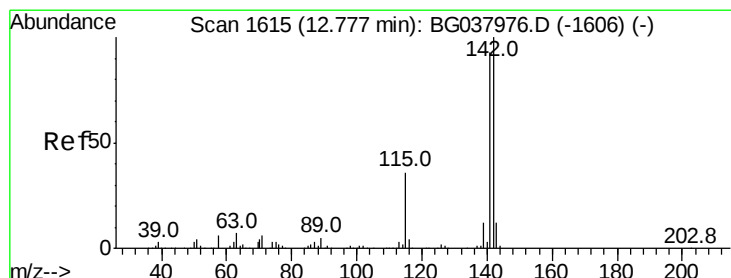
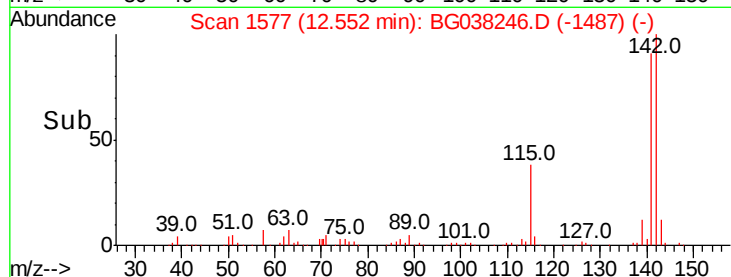
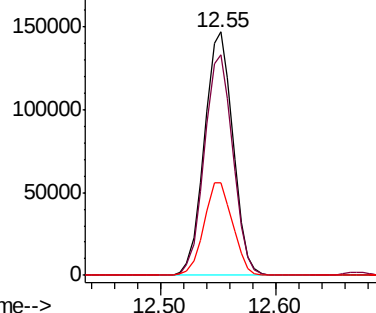


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 49.427 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

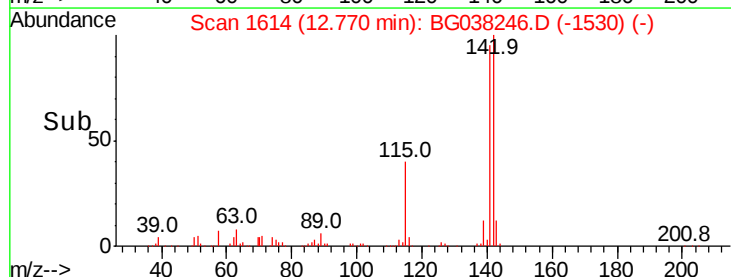
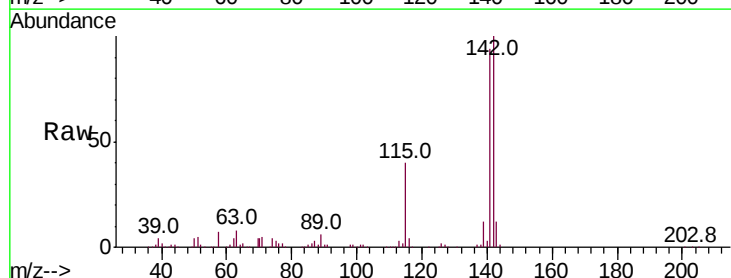
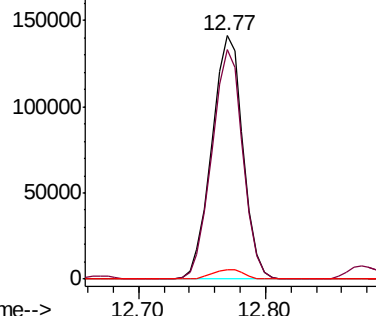
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.2	112.8
116	4.1	3.3	4.9

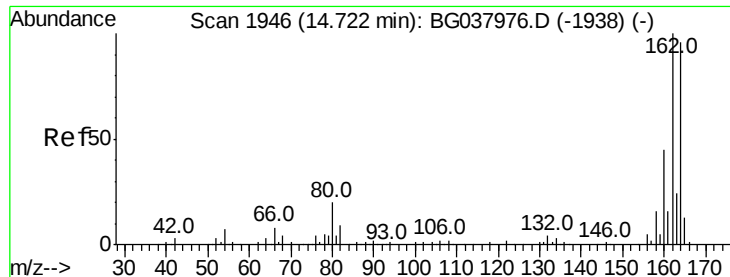
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

ClientSampleId :

CHASIS-WASHMS

Tot Ion:164 Resp: 86582

Ion Ratio Lower Upper

164 100

162 106.1 81.3 121.9

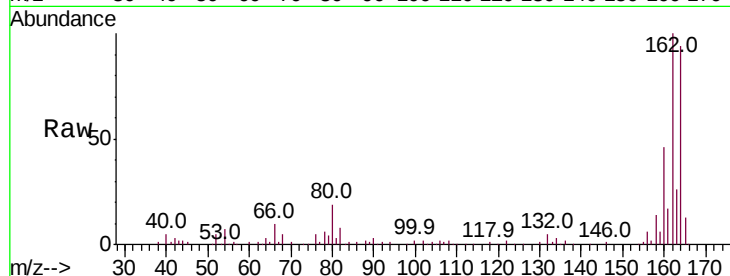
160 48.6 36.3 54.5

Manual Integrations

APPROVED

mohammad

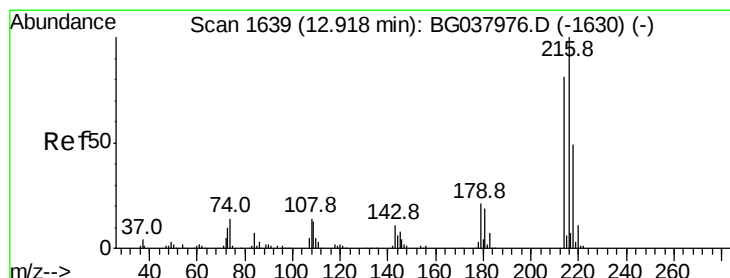
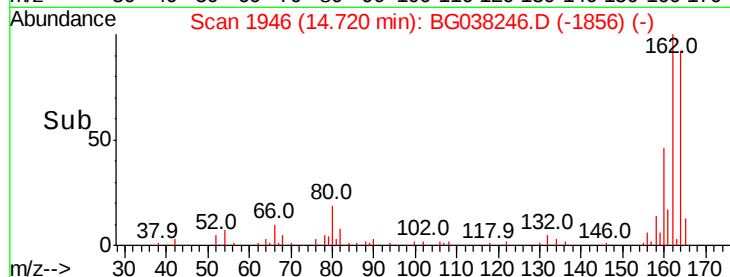
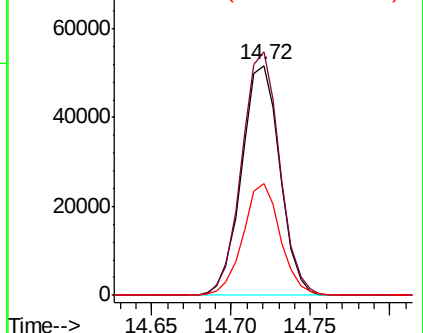
11/30/2018 3:48:10 PM



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.776 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Tgt Ion:216 Resp: 132439

Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 21.1 17.4 26.0

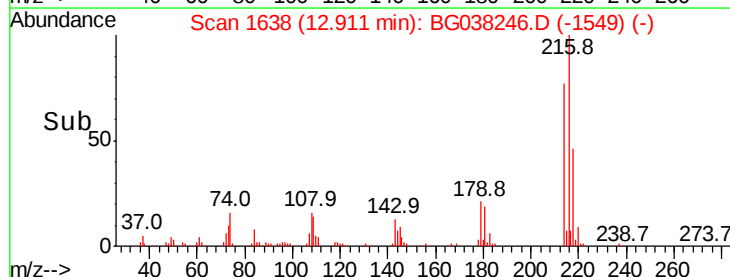
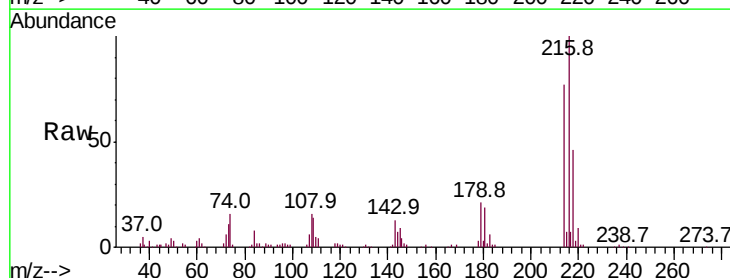
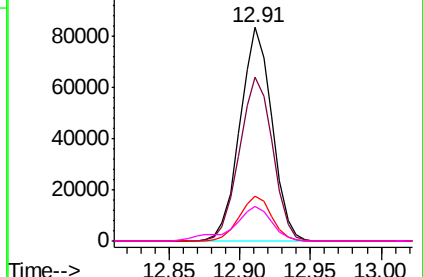
108 19.2 13.9 20.9

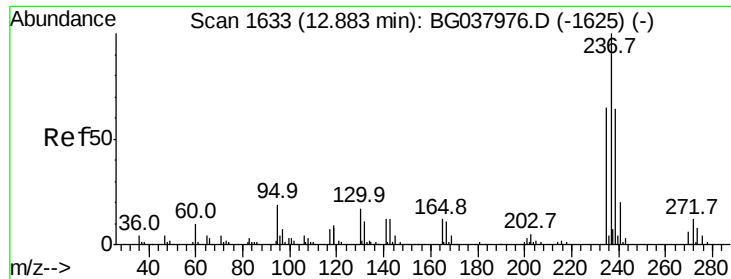
Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.474 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

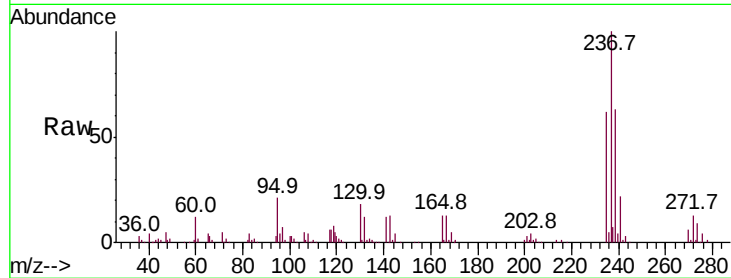
ClientSampleId :

CHASIS-WASHMS

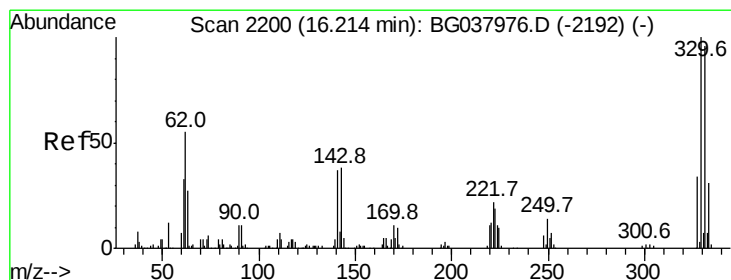
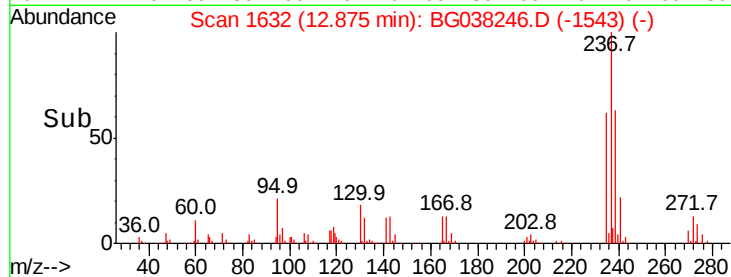
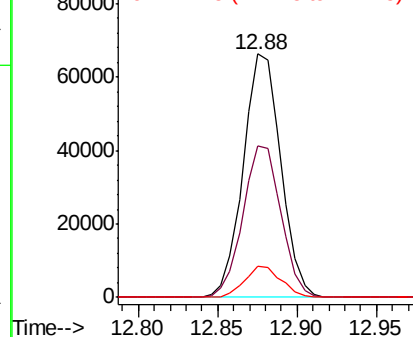
Tot Ion:	237	Resp:	109181
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.5	82.5
272	12.7	0.0	31.6

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



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: 105.528 ng

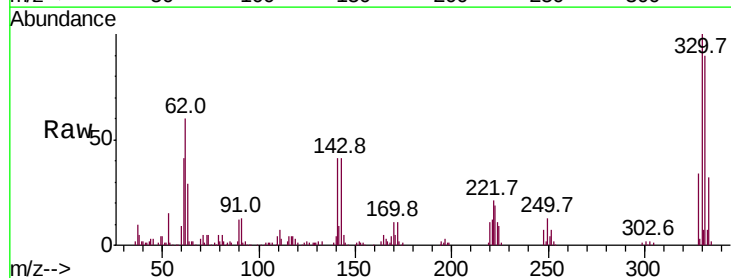
RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

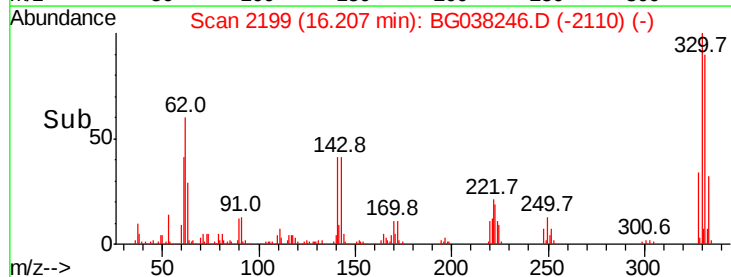
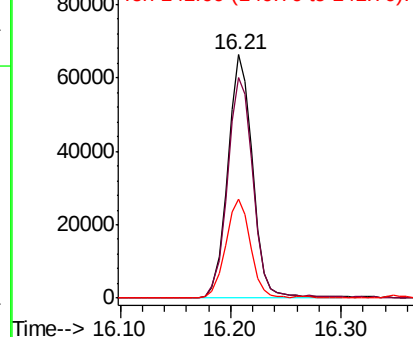
Lab File: BG038246.D

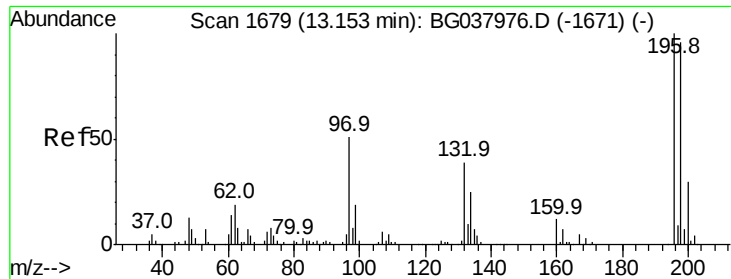
Acq: 29 Nov 2018 23:37

Tgt Ion:	330	Resp:	104203
Ion Ratio	Lower	Upper	
330	100		
332	93.8	78.4	117.6
141	41.2	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





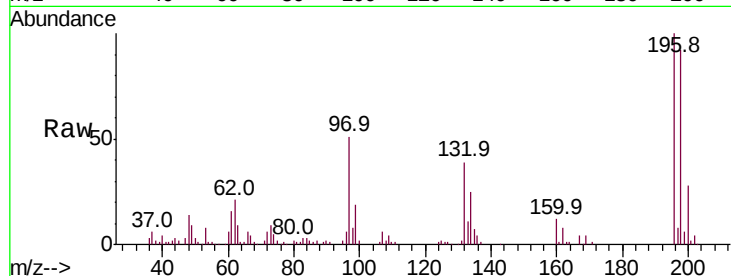
#43
2,4,6-Trichlorophenol
Concen: 48.344 ng
RT: 13.15 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	95311		
198	91.6	76.4	114.6	
200	28.3	24.9	37.3	

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM

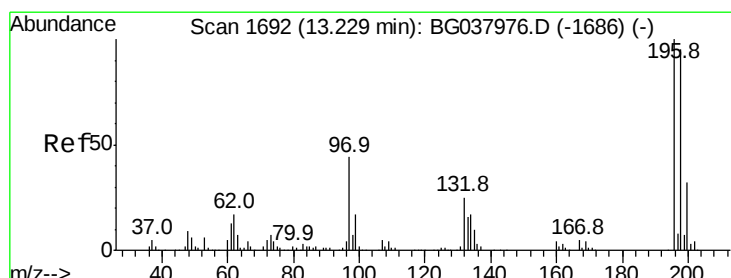
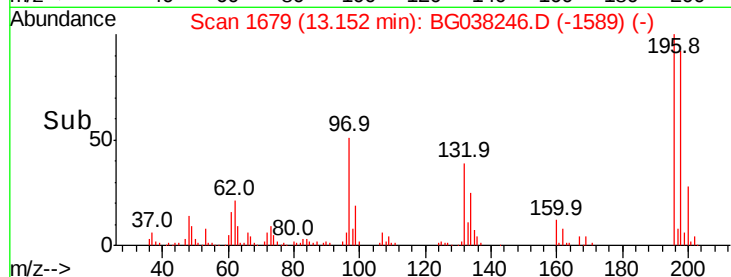
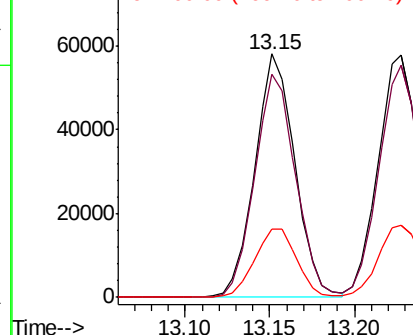


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 48.099 ng
RT: 13.23 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	99777		
198	96.1	74.2	111.2	
97	47.3	34.1	51.1	
132	25.1	20.2	30.4	

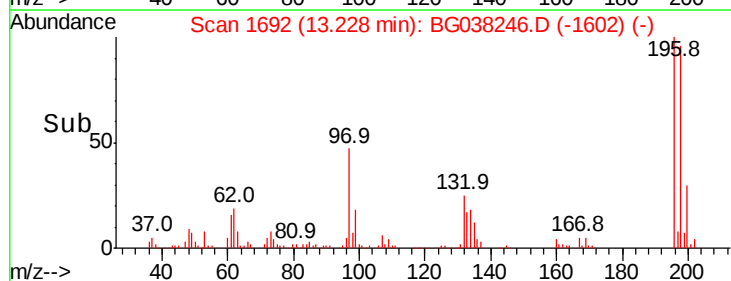
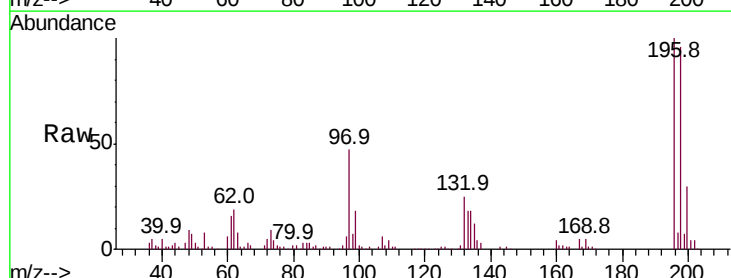
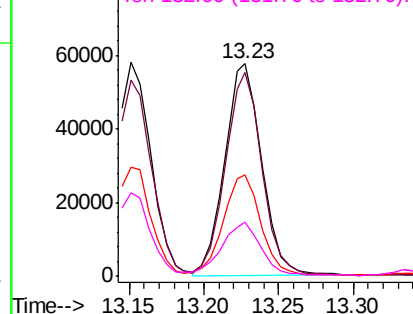
Abundance

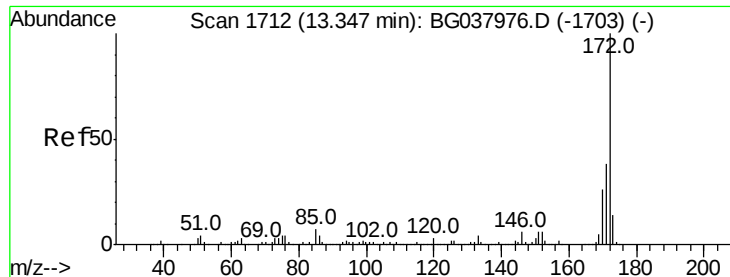
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





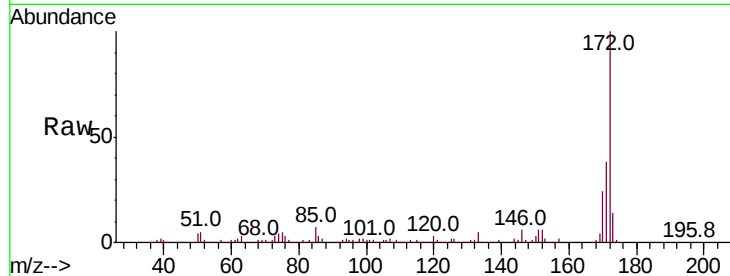
#45
2-Fluorobiphenyl
Concen: 74.275 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.2	20.2	30.2

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM

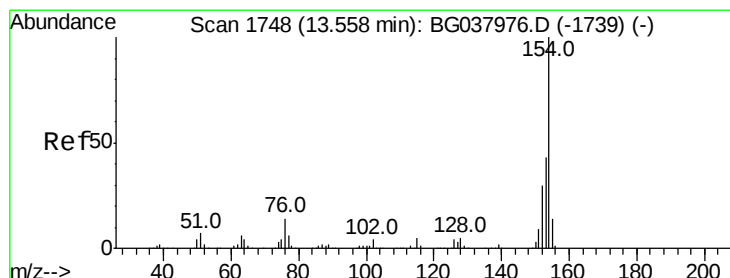
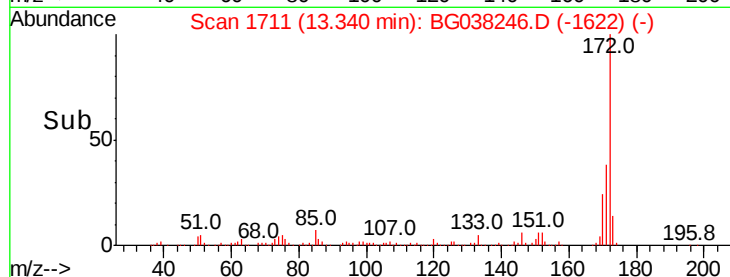
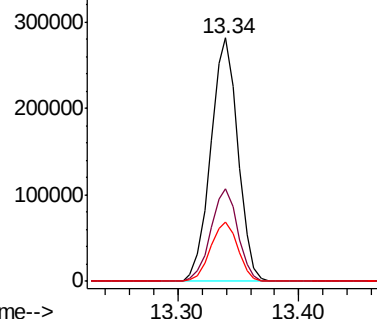


Abundance

Ion 172.00 (171.70 to 172.70): E

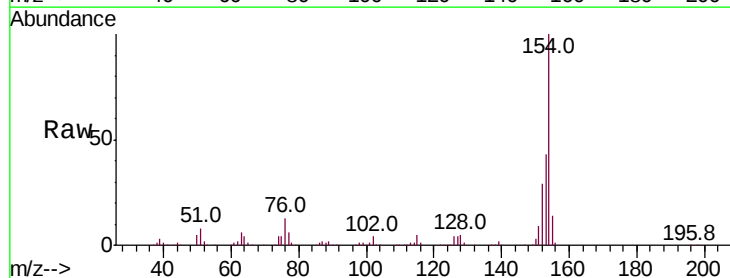
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.627 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.1	62.1
76	13.2	0.0	33.2

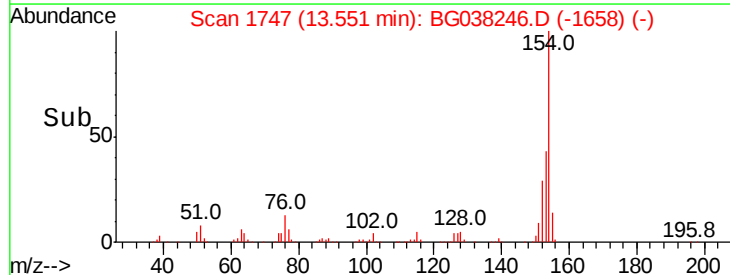
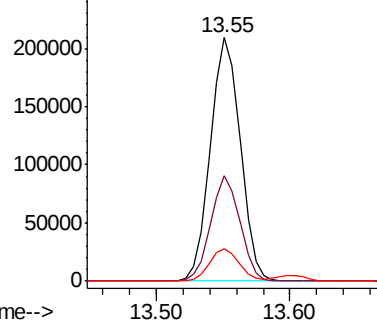


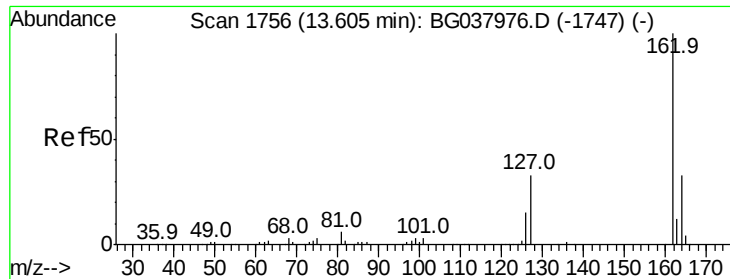
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





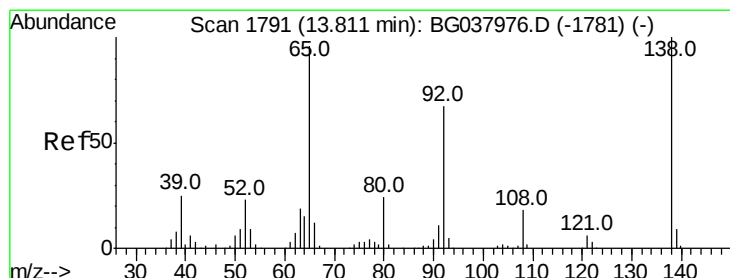
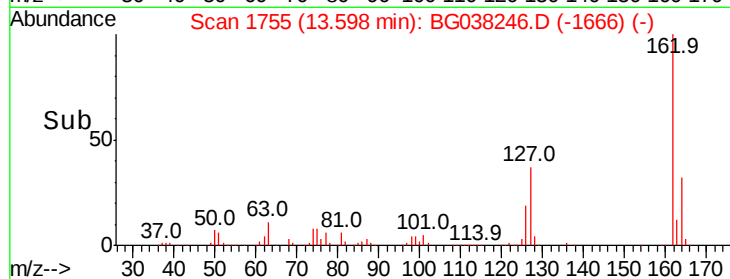
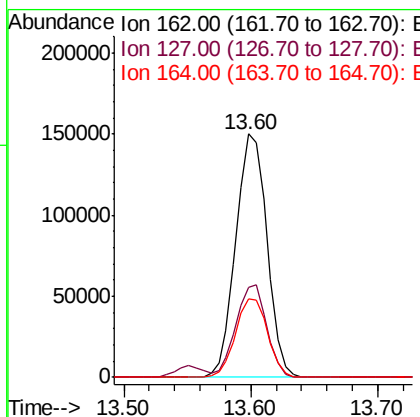
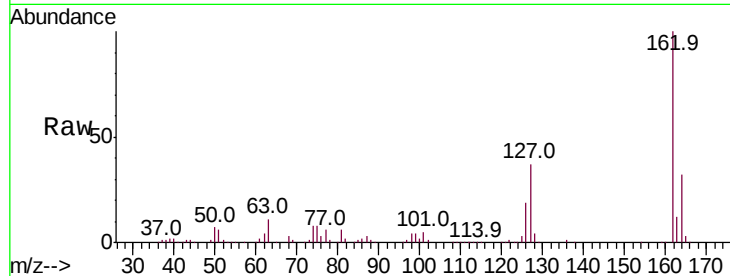
#47
2-Chloronaphthalene
Concen: 46.073 ng
RT: 13.60 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.5	45.7
164	32.5	26.4	39.6

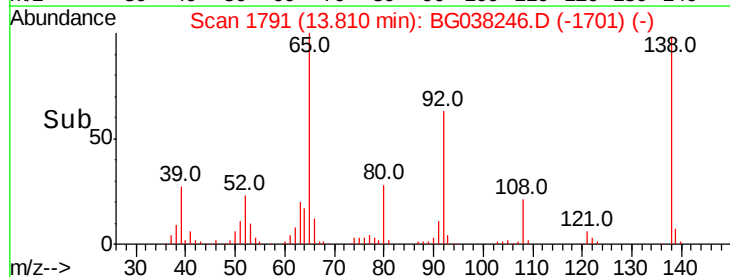
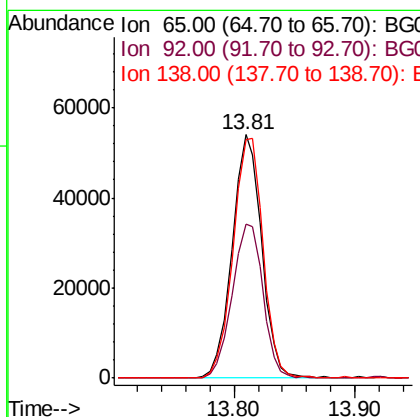
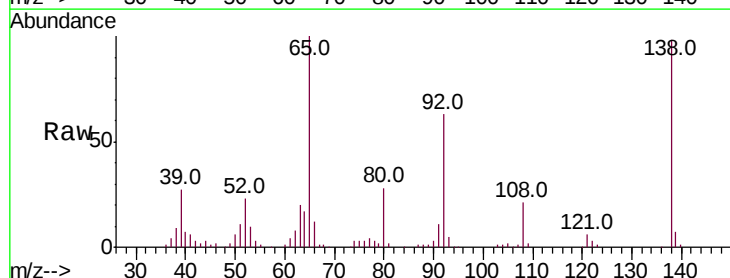
Manual Integrations
APPROVED

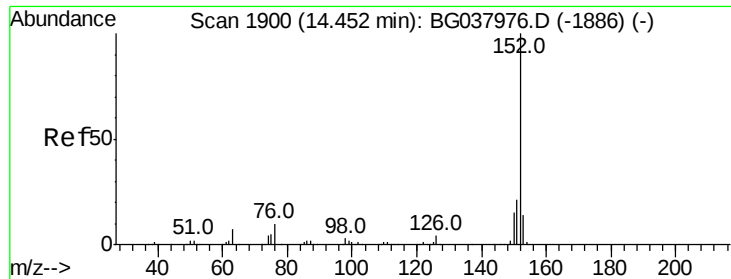
mohammad
11/30/2018 3:48:10 PM



#48
2-Nitroaniline
Concen: 52.538 ng
RT: 13.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	53.2	79.8
138	98.2	79.3	118.9





#49

Acenaphthylene

Concen: 50.947 ng

RT: 14.44 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

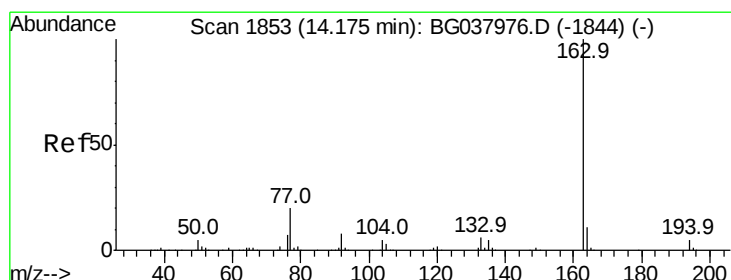
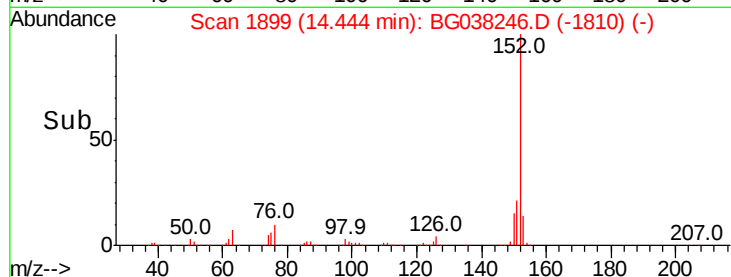
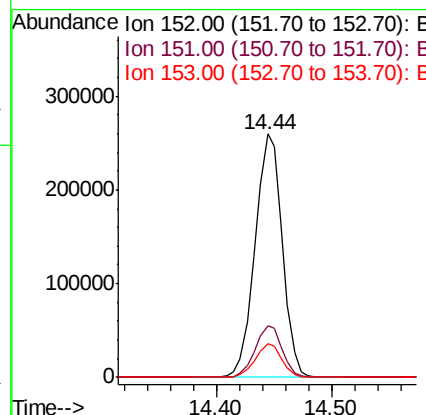
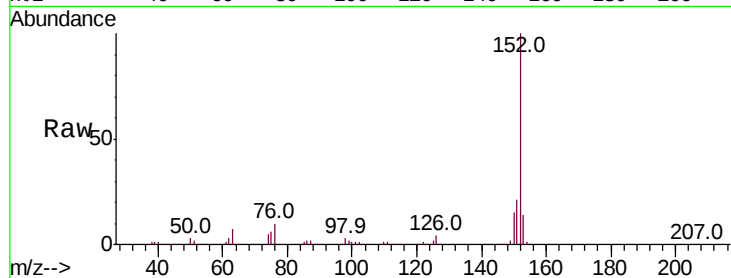
ClientSampleId :

CHASIS-WASHMS

Tot Ion:	152	Resp:	425247
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.1	25.7
153	13.6	11.1	16.7

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



#50

Dimethylphthalate

Concen: 49.659 ng

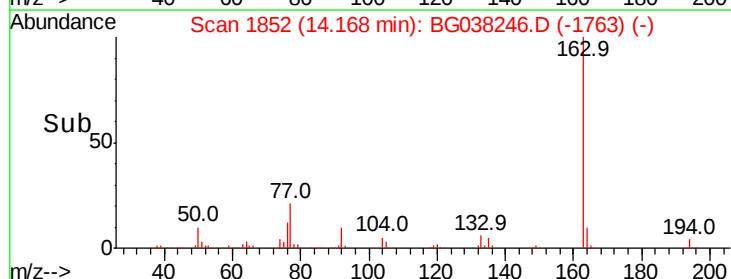
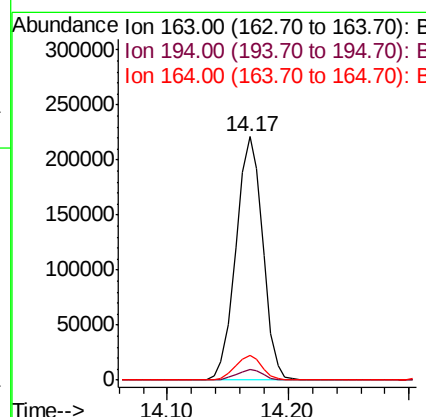
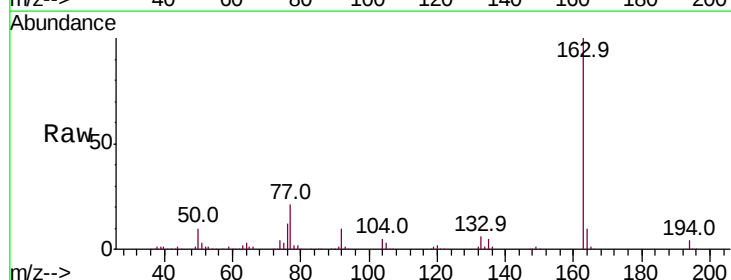
RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Tgt Ion:	163	Resp:	340861
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.4	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 48.585 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

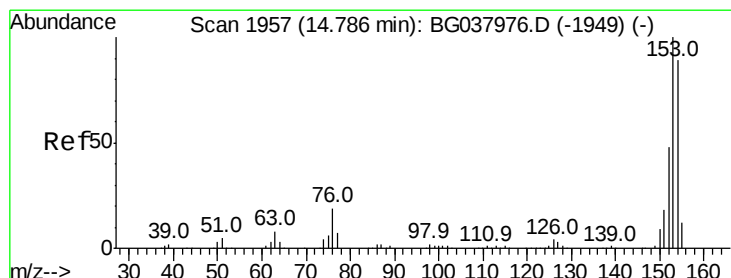
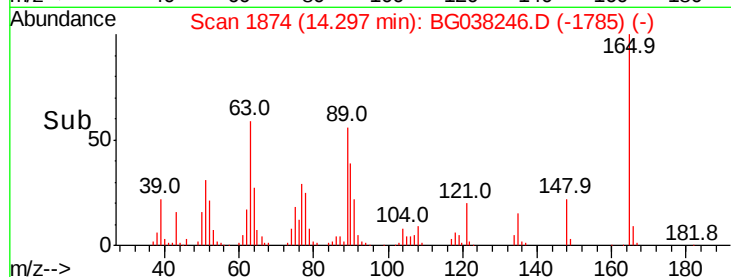
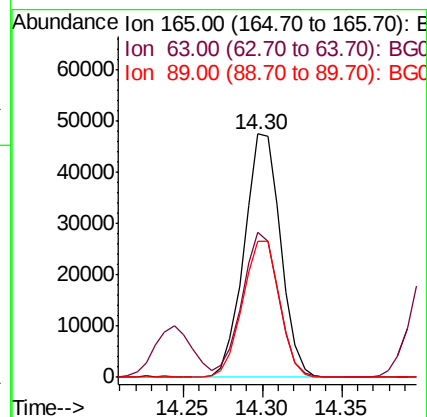
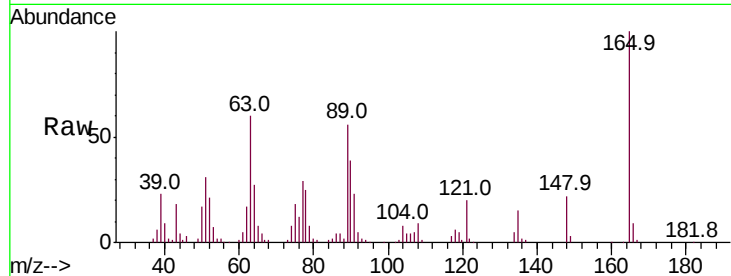
ClientSampleId :

CHASIS-WASHMS

Tot Ion:	165	Resp:	75477
Ion Ratio	Lower	Upper	
165	100		
63	59.5	43.4	65.2
89	55.9	45.8	68.6

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



#52

Acenaphthene

Concen: 48.299 ng

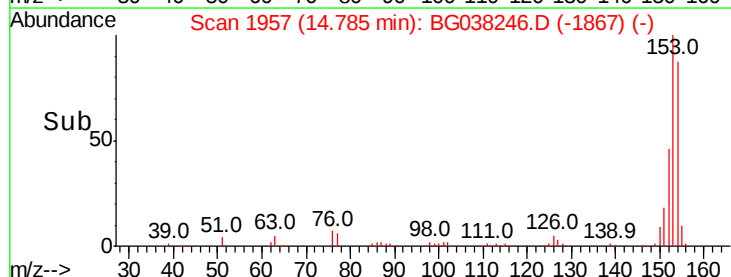
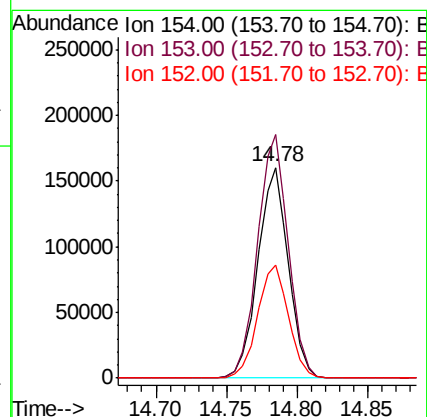
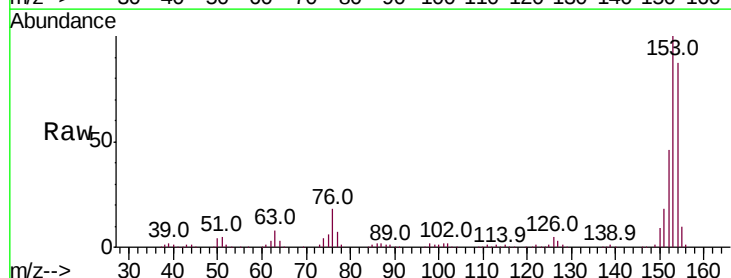
RT: 14.78 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Tgt Ion:	154	Resp:	242701
Ion Ratio	Lower	Upper	
154	100		
153	115.6	93.4	140.0
152	53.4	44.7	67.1





#53

3-Nitroaniline

Concen: 4.974 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

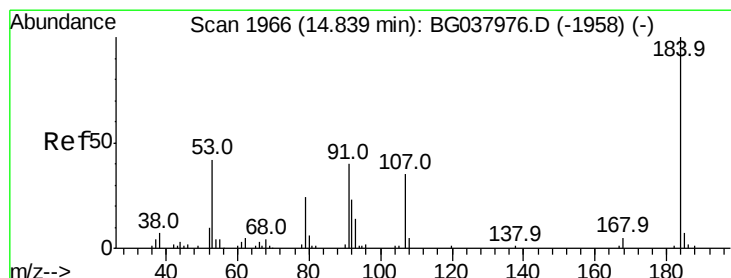
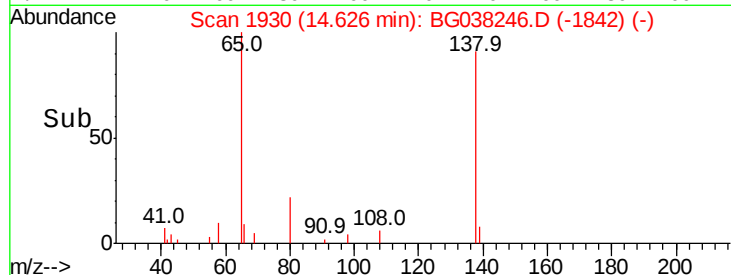
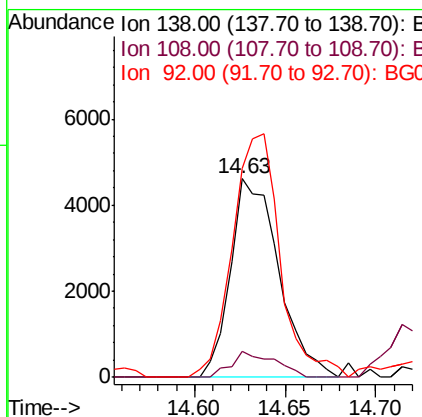
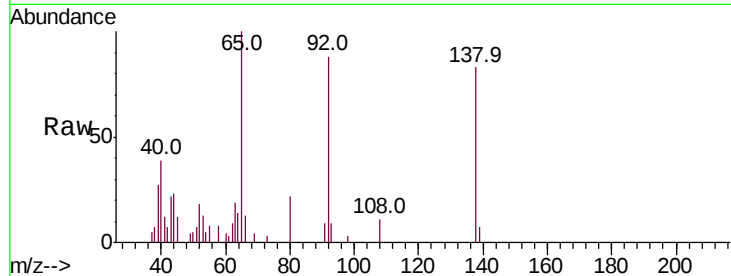
ClientSampleId :

CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.3	11.0	16.6
92	105.4	95.2	142.8

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



#54

2,4-Dinitrophenol

Concen: 10.723 ng

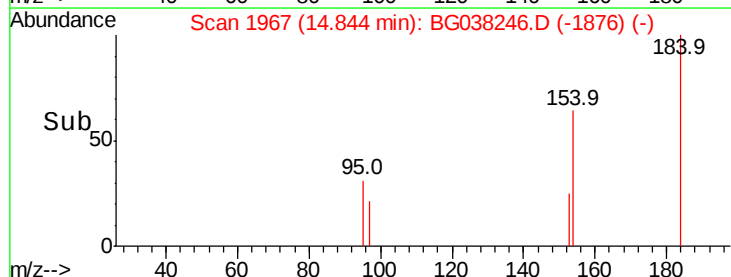
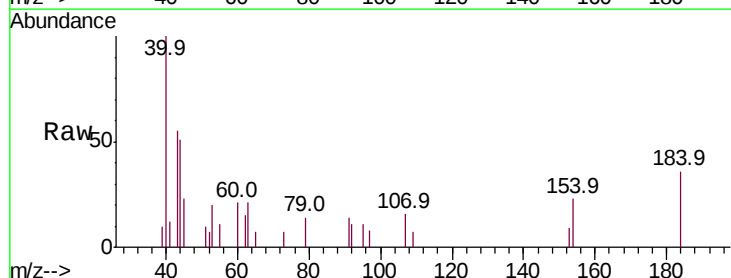
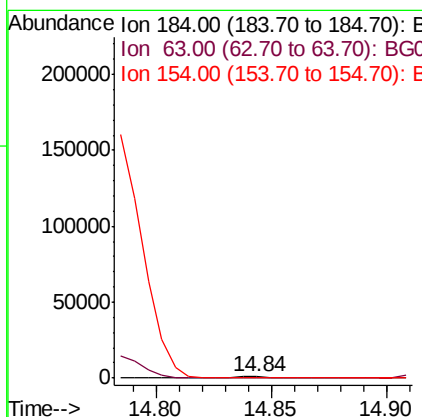
RT: 14.84 min Scan# 1967

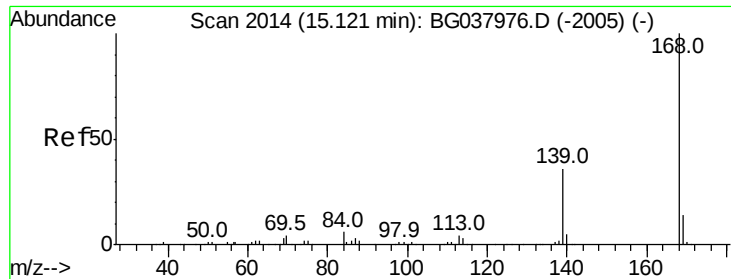
Delta R.T. 0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	42.6	63.8
154	64.5	41.8	62.6#





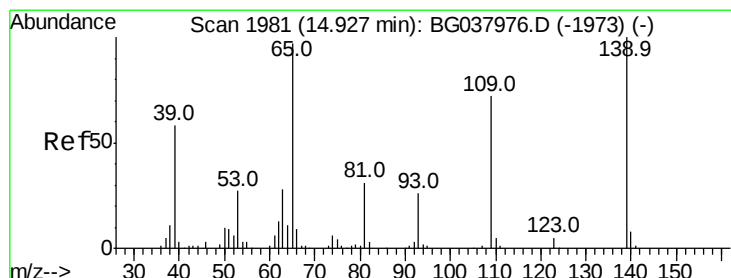
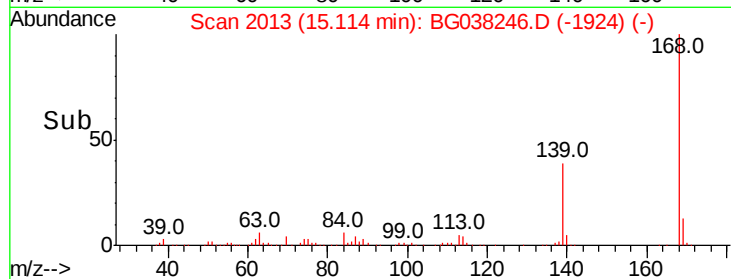
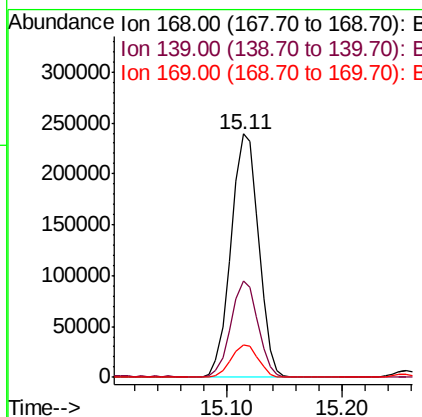
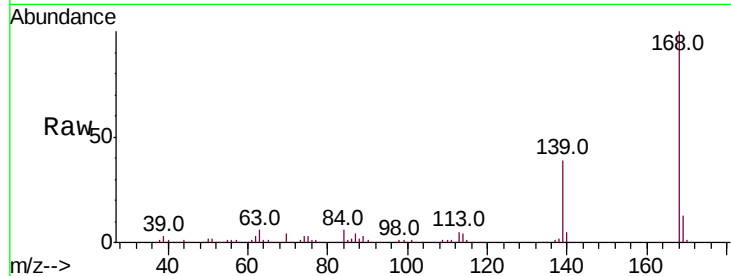
#55
Dibenzofuran
Concen: 47.632 ng
RT: 15.11 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	29.4	44.0
169	13.4	11.0	16.6

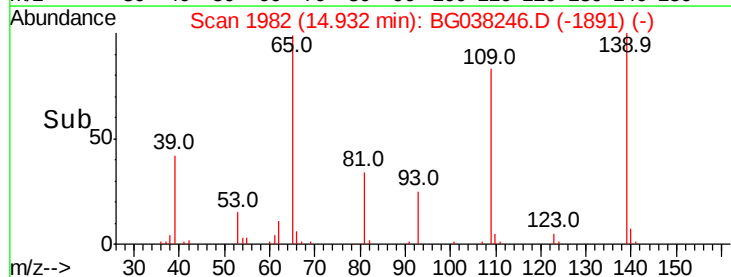
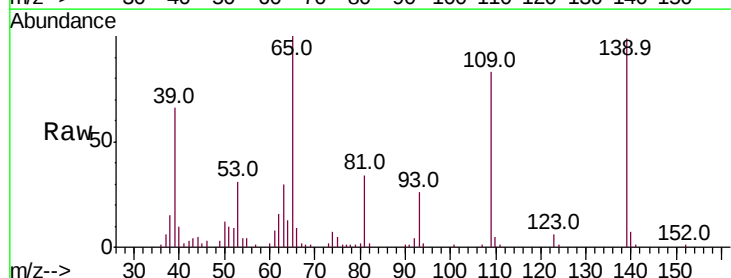
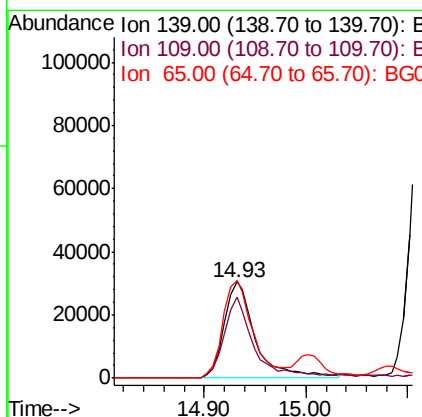
Manual Integrations
APPROVED

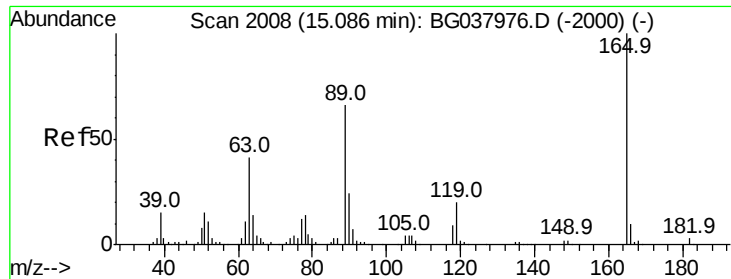
mohammad
11/30/2018 3:48:10 PM



#56
4-Nitrophenol
Concen: 49.360 ng
RT: 14.93 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.8	49.5	89.5
65	101.4	76.8	116.8





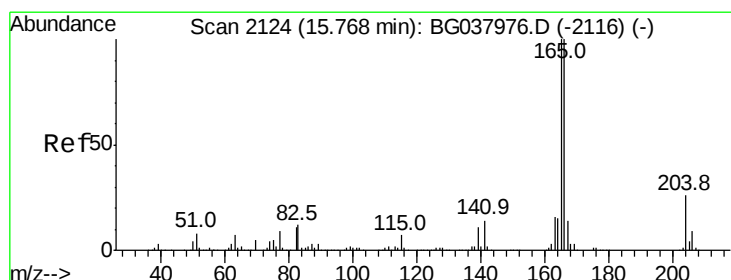
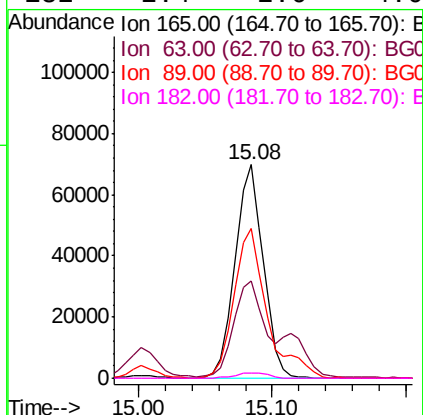
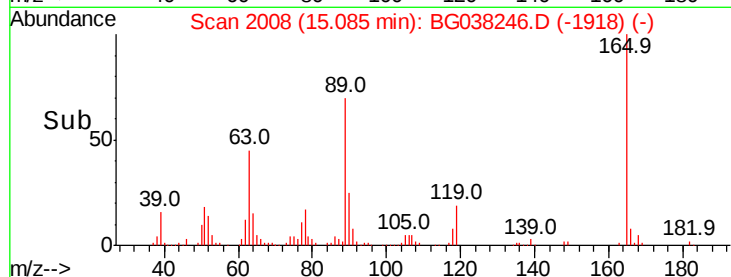
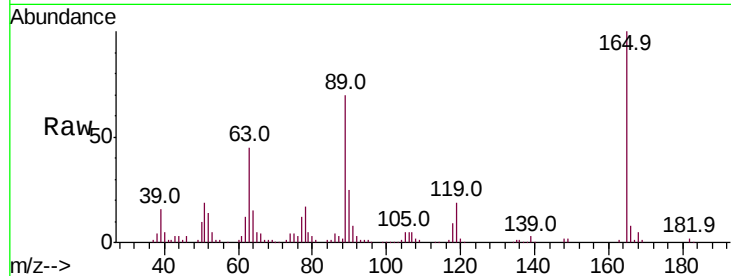
#57
 2,4-Dinitrotoluene
 Concen: 48.484 ng
 RT: 15.08 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG038246.D
 Acq: 29 Nov 2018 23:37

Instrument :
 BNA_G
 ClientSampleId :
 CHASIS-WASHMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	102480		
63	45.4	33.4	50.0	
89	70.4	57.2	85.8	
182	2.4	2.6	4.0	

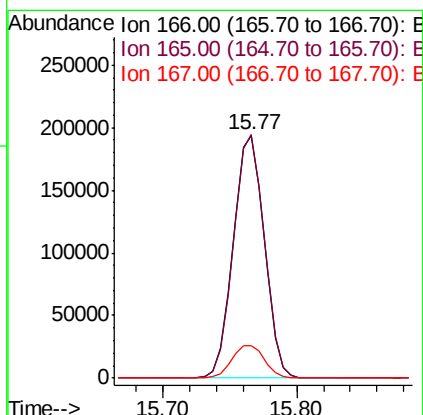
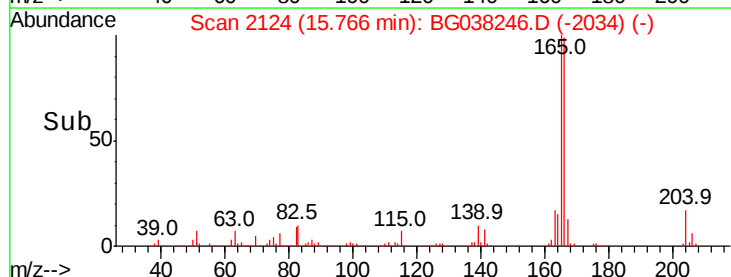
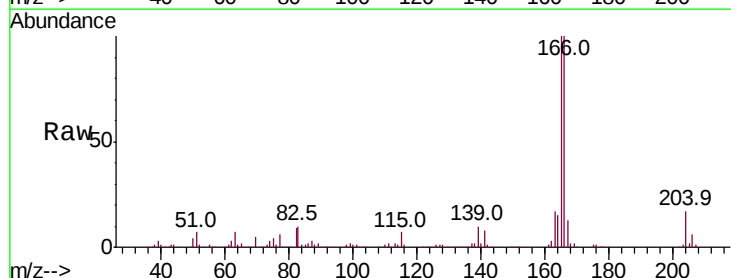
Manual Integrations
 APPROVED

mohammad
 11/30/2018 3:48:10 PM



#58
 Fluorene
 Concen: 50.447 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG038246.D
 Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	312746		
165	100.3	79.0	118.6	
167	13.5	11.3	16.9	





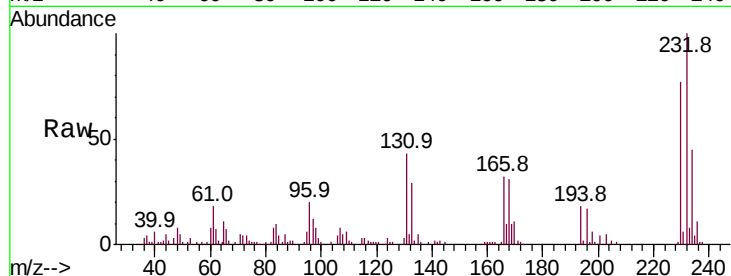
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.876 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.3	33.7	50.5
130	2.1	2.1	3.1
166	31.9	24.6	36.8

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



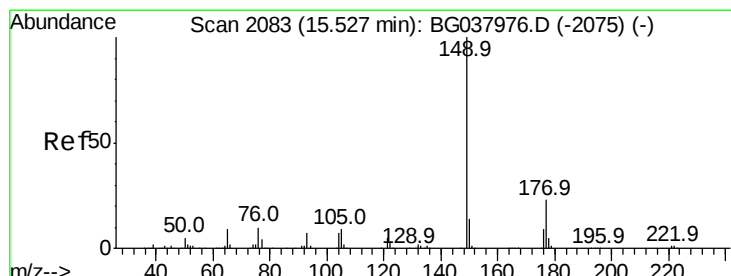
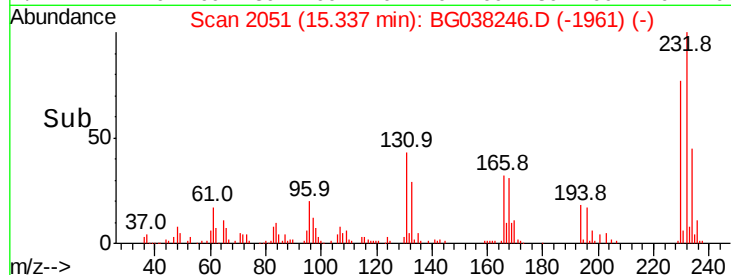
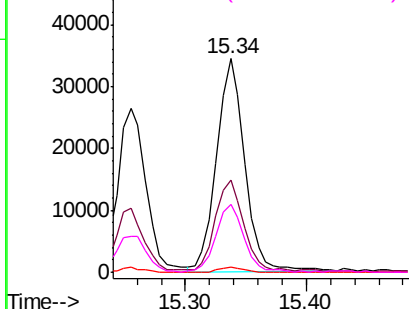
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

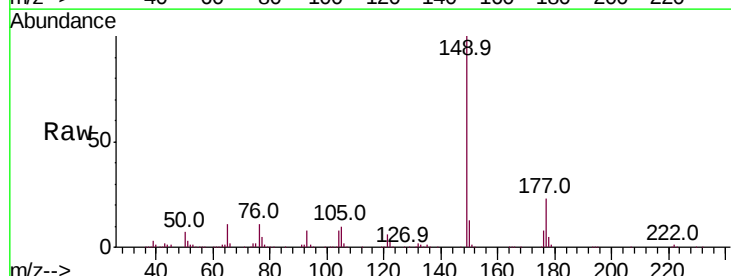
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 46.899 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	13.3	10.0	15.0

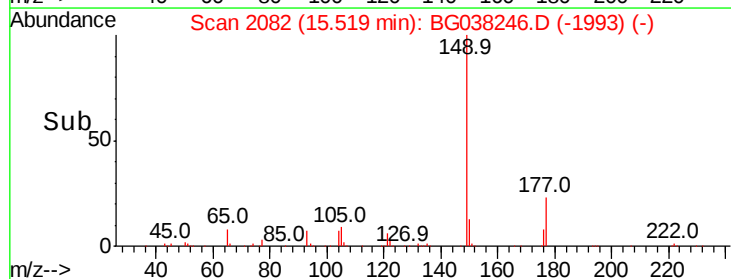
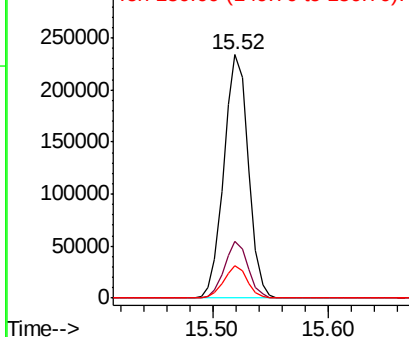


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





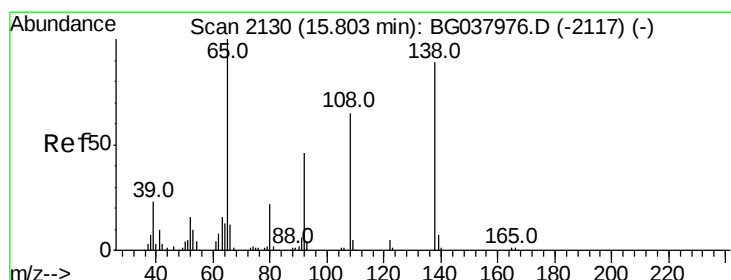
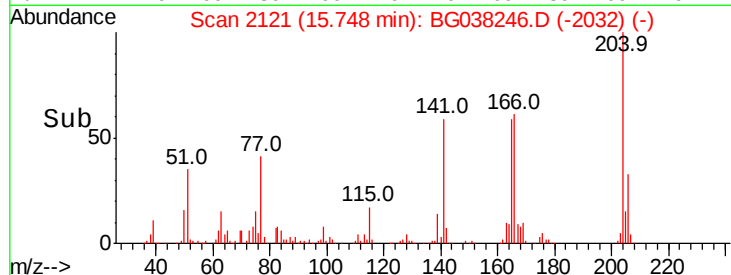
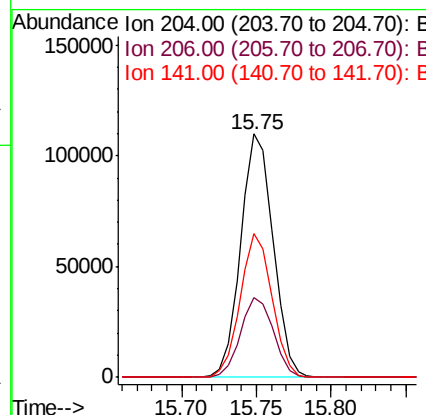
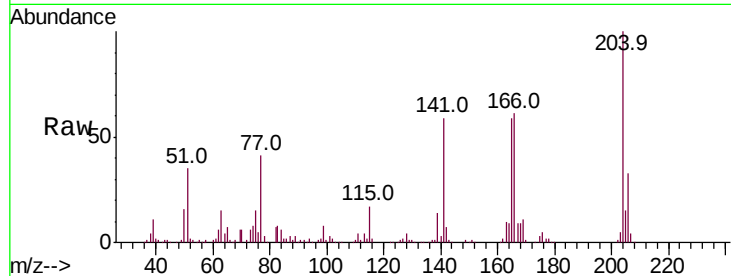
#61
4-Chlorophenyl-phenylether
Concen: 45.597 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	59.3	45.4	68.2

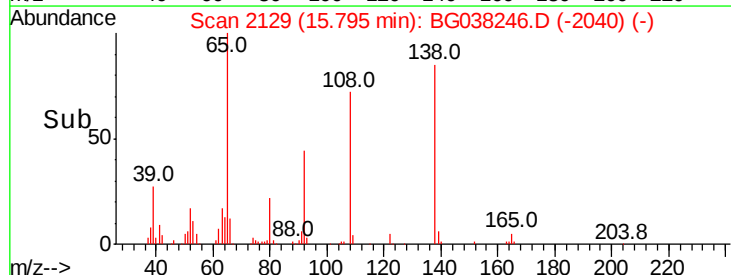
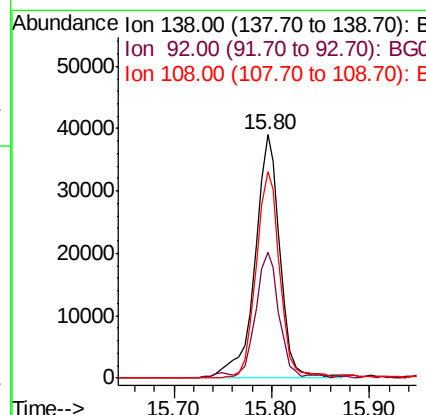
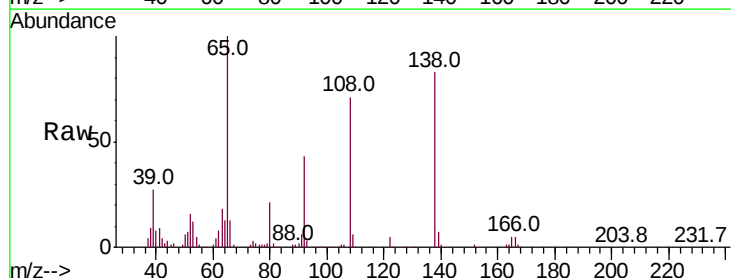
Manual Integrations
APPROVED

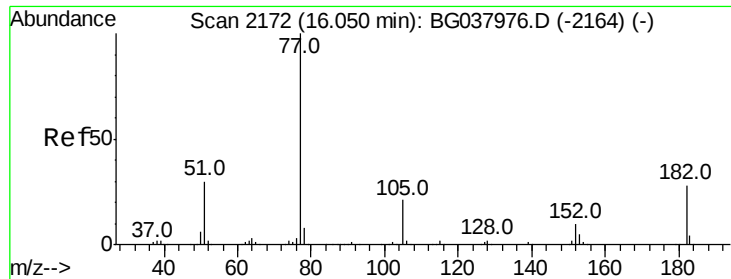
mohammad
11/30/2018 3:48:10 PM



#62
4-Nitroaniline
Concen: 41.322 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	36.4	76.4
108	84.8	60.1	100.1





#63

Azobenzene

Concen: 49.383 ng

RT: 16.04 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

ClientSampleId :

CHASIS-WASHMS

Tot Ion: 77 Resp: 321907

Ion Ratio Lower Upper

77 100

182 26.0 8.0 48.0

105 20.8 1.3 41.3

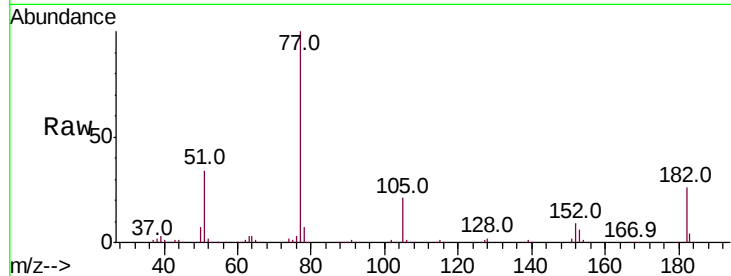
51 33.9 10.7 50.7

Manual Integrations

APPROVED

mohammad

11/30/2018 3:48:10 PM

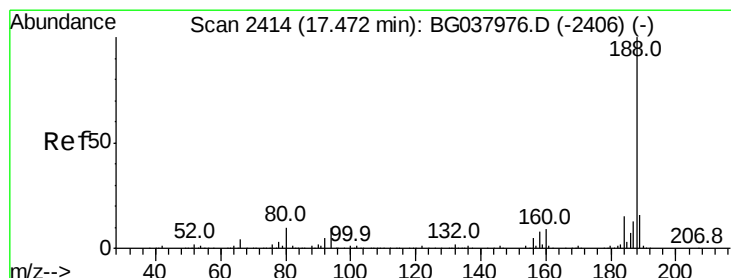
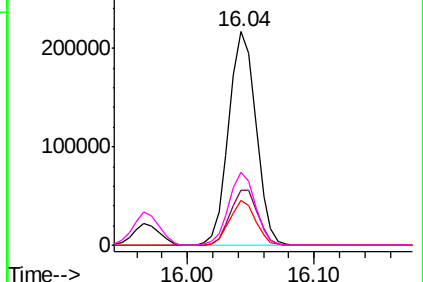
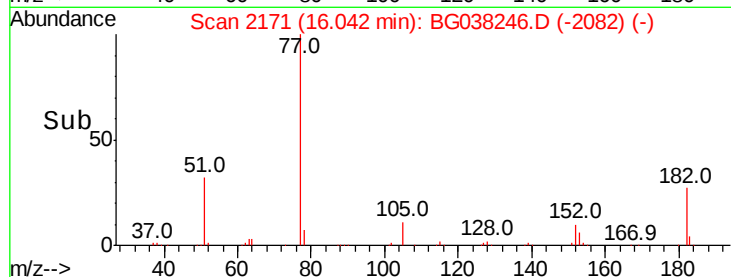


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

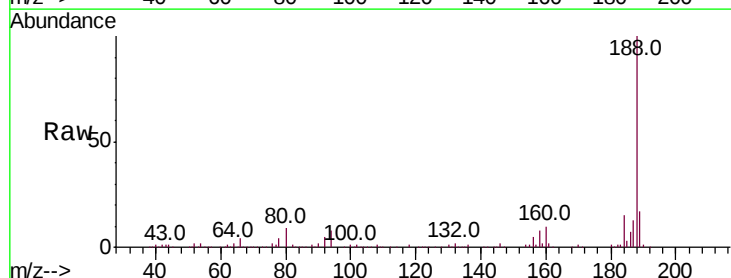
Tgt Ion: 188 Resp: 193283

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

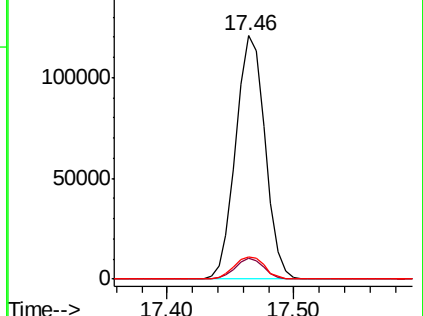
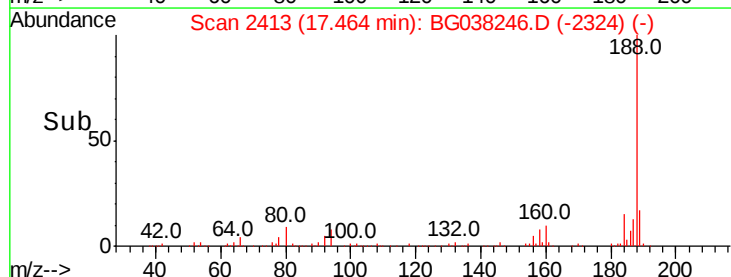
80 9.4 7.7 11.5

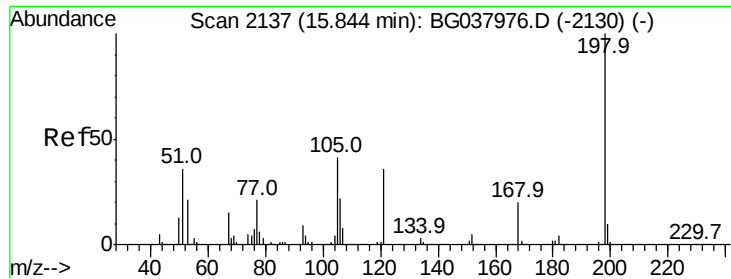


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





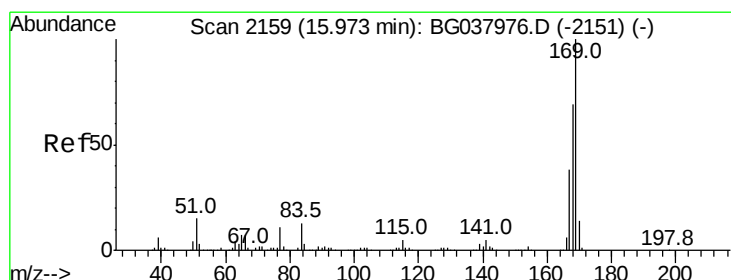
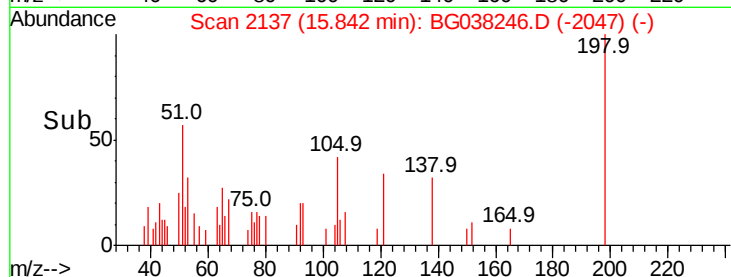
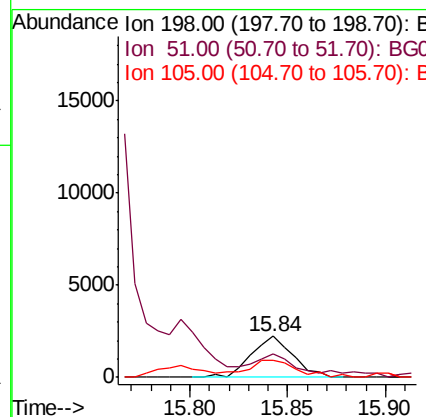
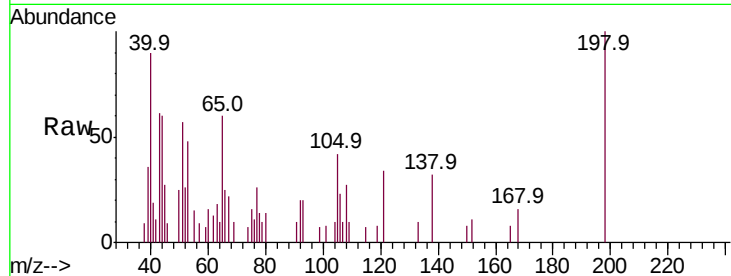
#65
4,6-Dinitro-2-methylphenol
Concen: 2.633 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	57.1	22.7	62.7
105	42.2	19.7	59.7

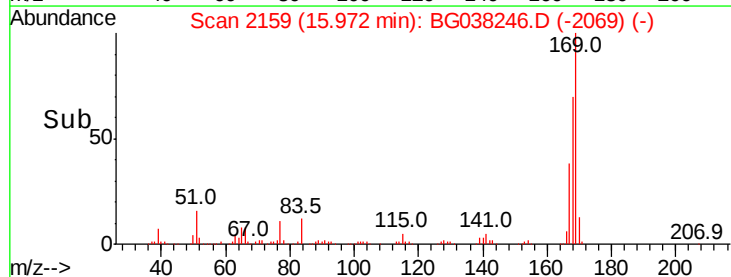
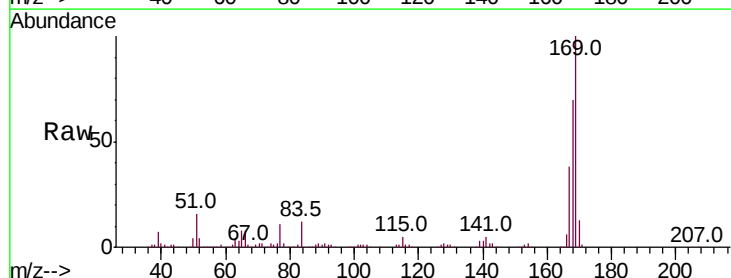
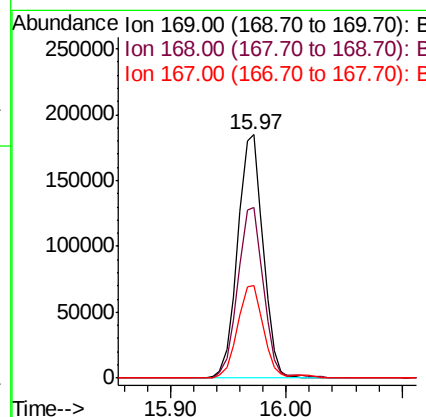
Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



#66
n-Nitrosodiphenylamine
Concen: 48.018 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.9	55.7	83.5
167	38.0	31.3	46.9





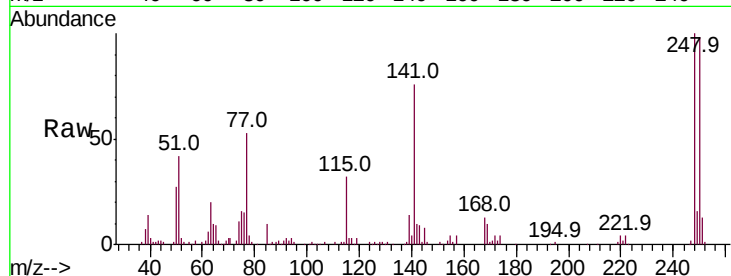
#67
 4-Bromophenyl-phenylether
 Concen: 48.043 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG038246.D
 Acq: 29 Nov 2018 23:37

Instrument :
 BNA_G
 ClientSampleId :
 CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.0	115.6
141	75.8	55.5	83.3

Manual Integrations
 APPROVED

mohammad
 11/30/2018 3:48:10 PM

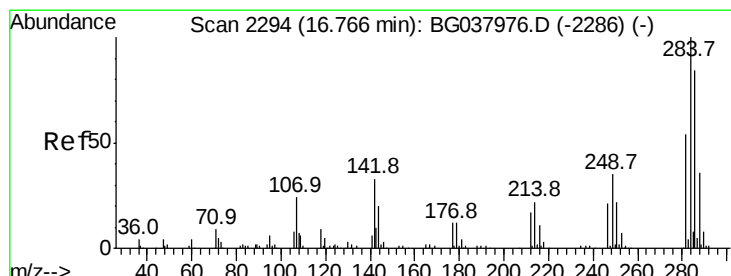
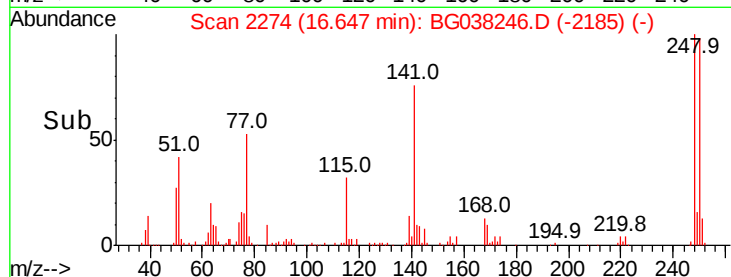
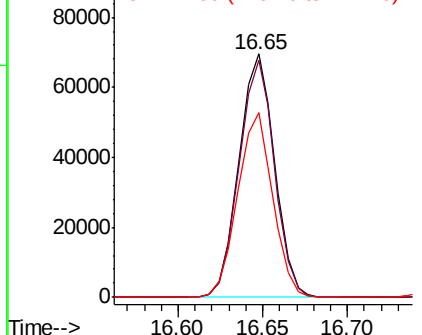


Abundance

Ion 248.00 (247.70 to 248.70): E

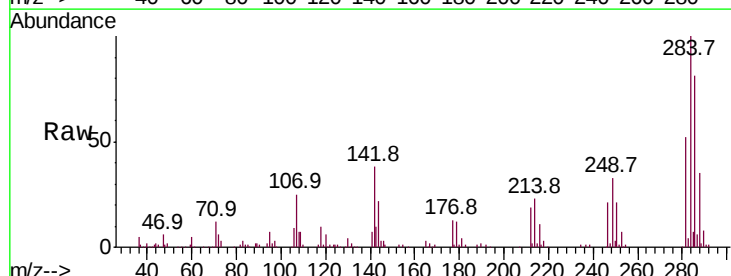
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 47.743 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG038246.D
 Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	28.1	42.1
249	35.0	29.8	44.8

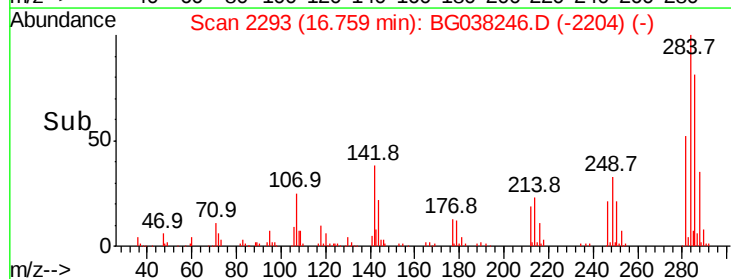
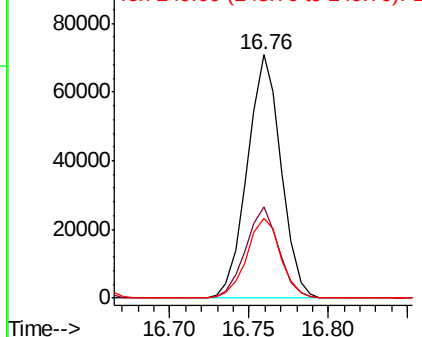


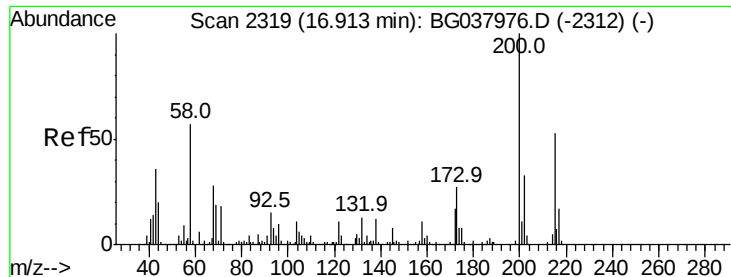
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





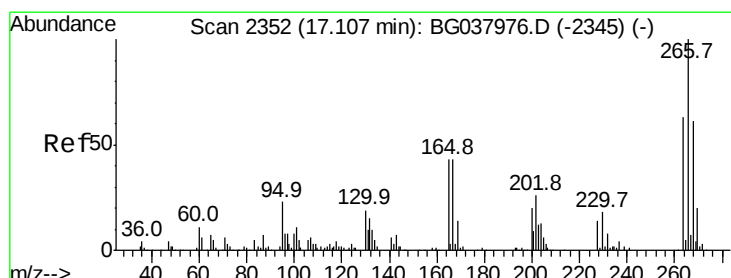
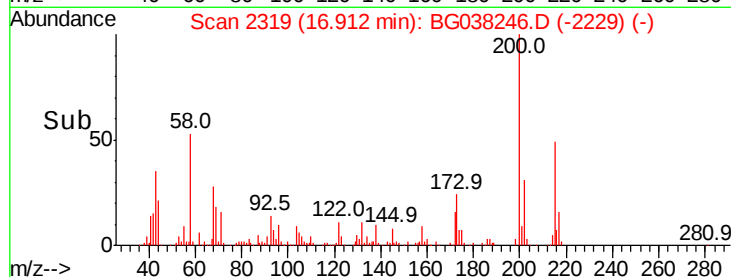
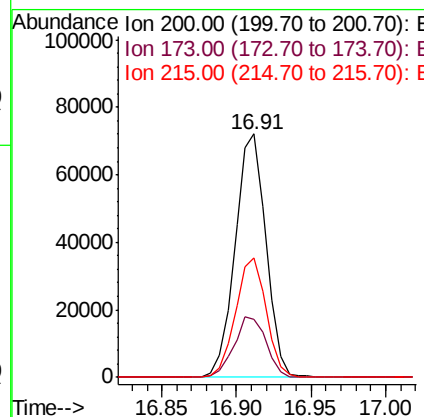
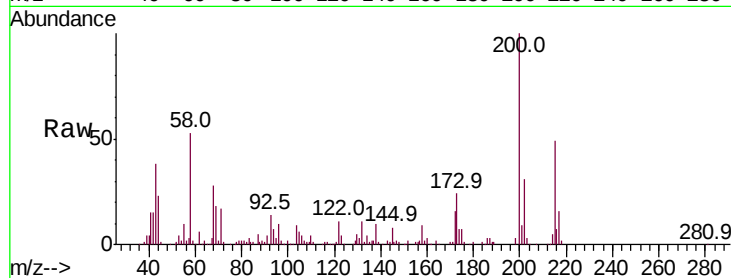
#69
Atrazine
Concen: 48.253 ng
RT: 16.91 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.0	6.1	46.1
215	49.2	30.8	70.8

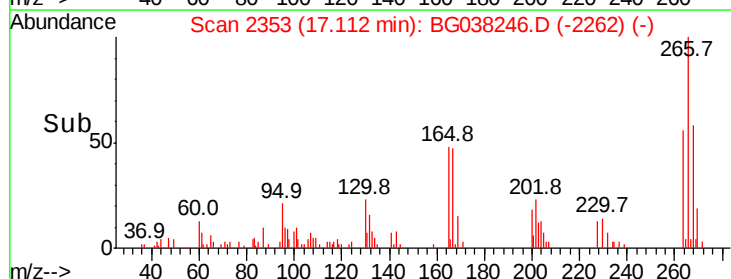
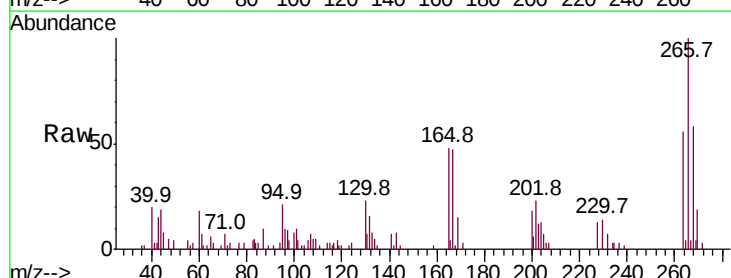
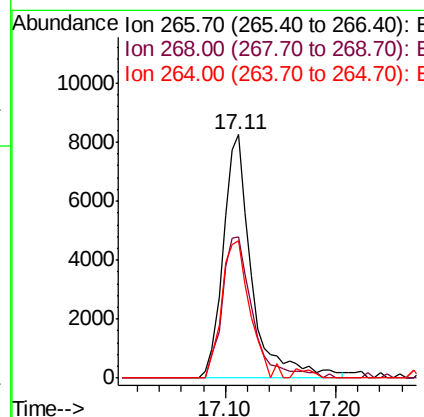
Manual Integrations
APPROVED

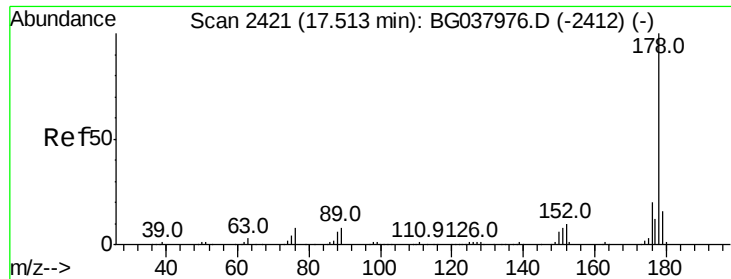
mohammad
11/30/2018 3:48:10 PM



#70
Pentachlorophenol
Concen: 9.995 ng
RT: 17.11 min Scan# 2353
Delta R.T. 0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.6	55.0	82.6
264	60.7	58.9	88.3





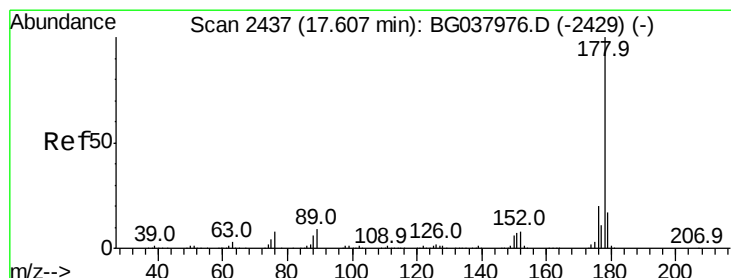
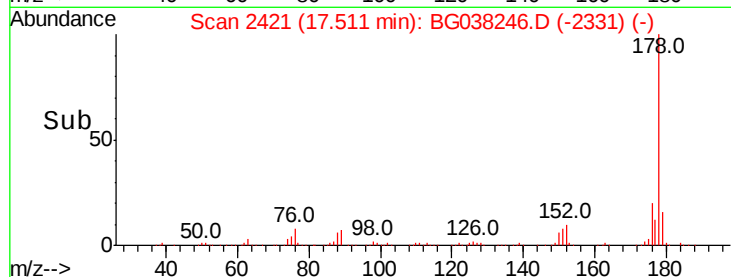
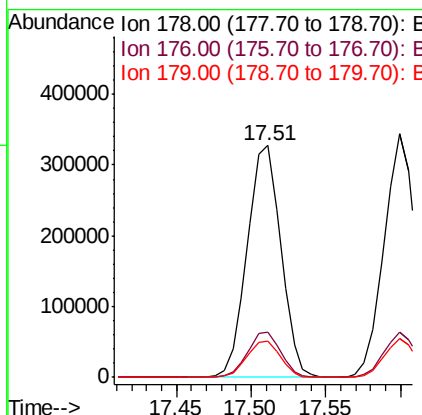
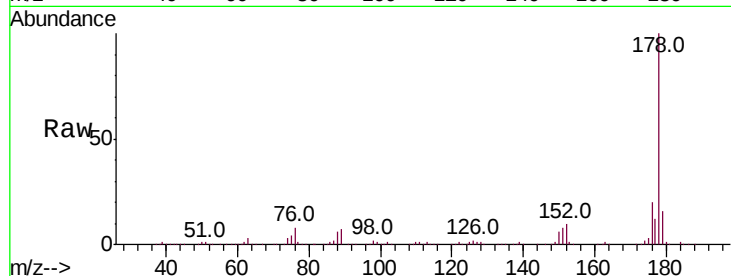
#71
Phenanthrene
Concen: 51.633 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	15.6	13.0	19.4

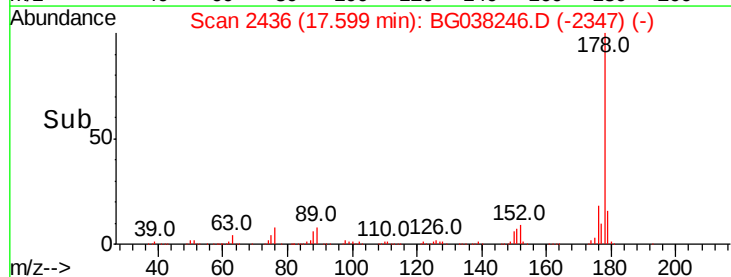
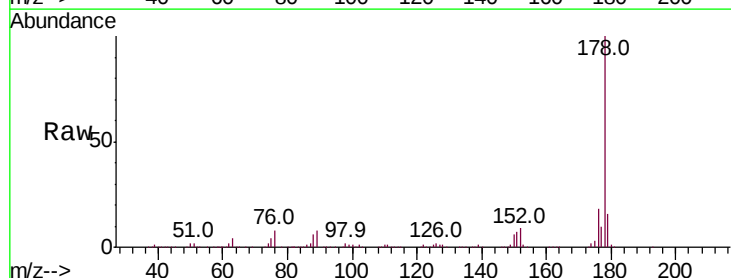
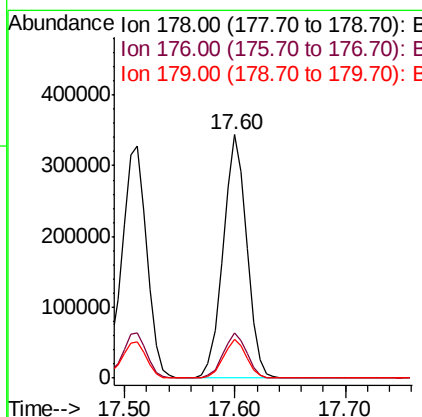
Manual Integrations
APPROVED

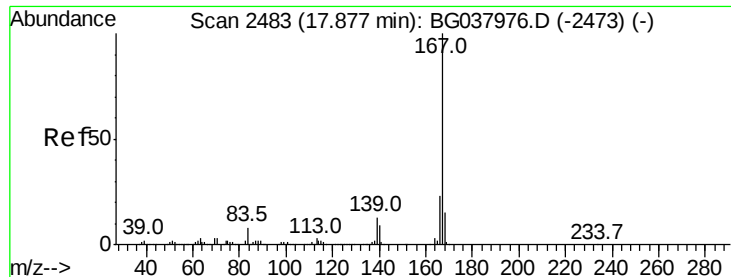
mohammad
11/30/2018 3:48:10 PM



#72
Anthracene
Concen: 52.576 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.8	12.8	19.2





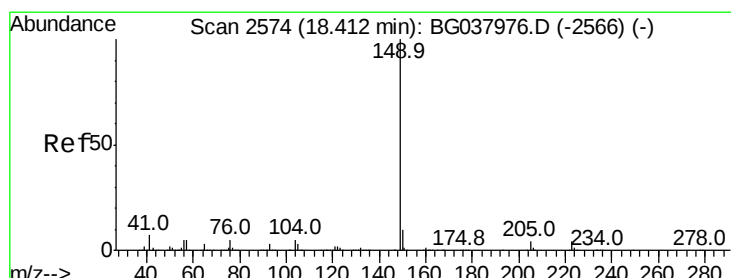
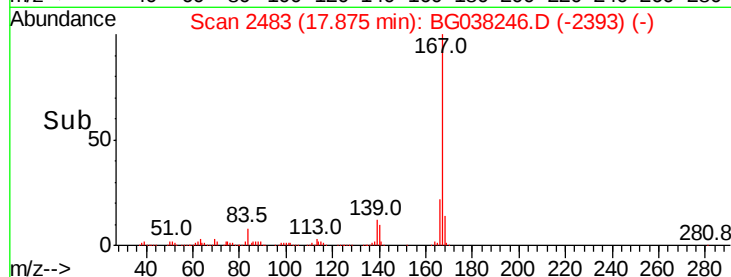
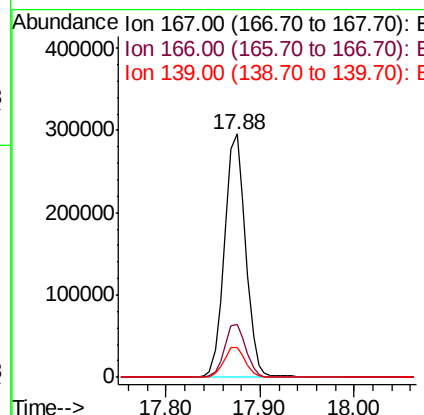
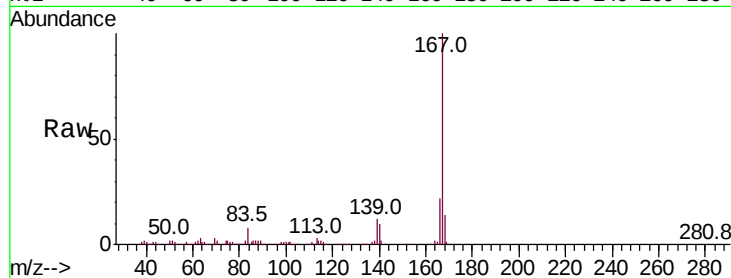
#73
 Carbazole
 Concen: 47.484 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG038246.D
 Acq: 29 Nov 2018 23:37

Instrument :
 BNA_G
 ClientSampleId :
 CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.3	27.5
139	12.4	10.5	15.7

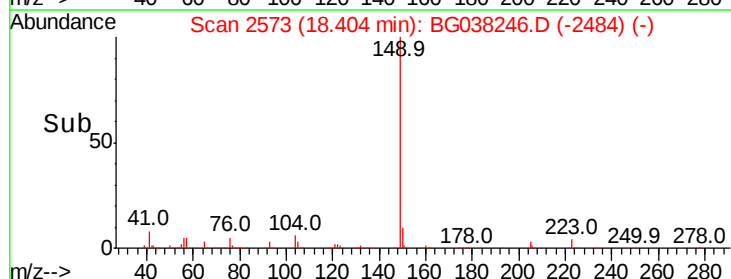
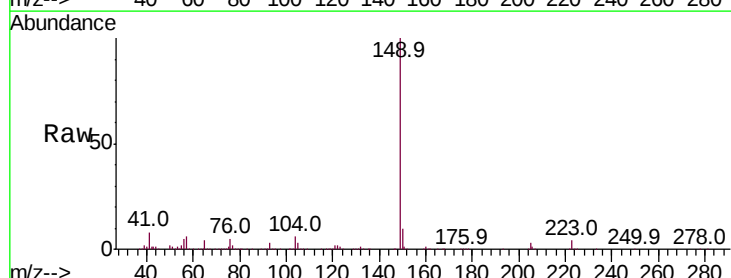
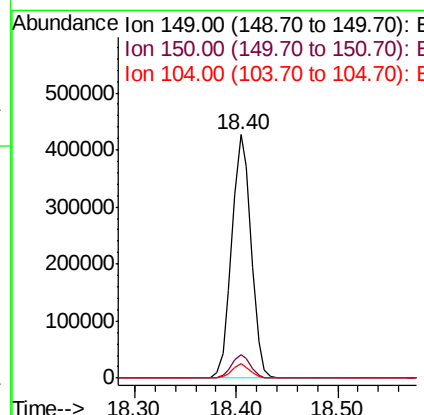
Manual Integrations
 APPROVED

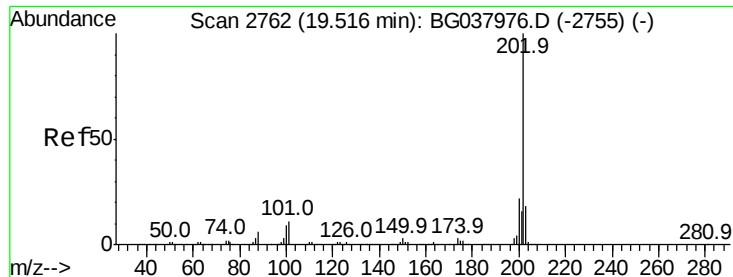
mohammad
 11/30/2018 3:48:10 PM



#74
 Di-n-butylphthalate
 Concen: 51.632 ng
 RT: 18.40 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG038246.D
 Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	5.8	4.0	6.0





#75

Fluoranthene

Concen: 52.319 ng

RT: 19.51 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

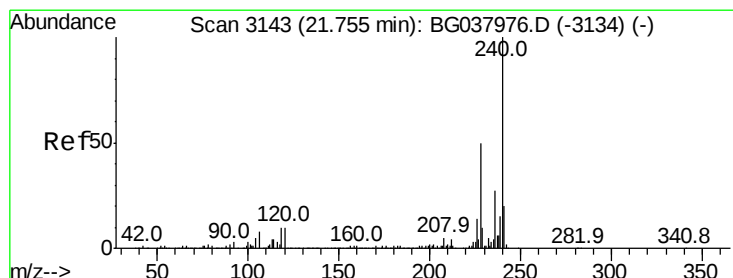
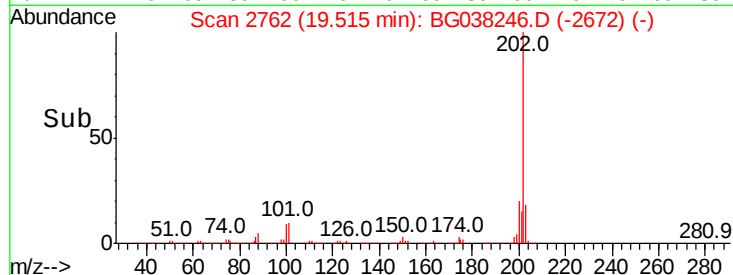
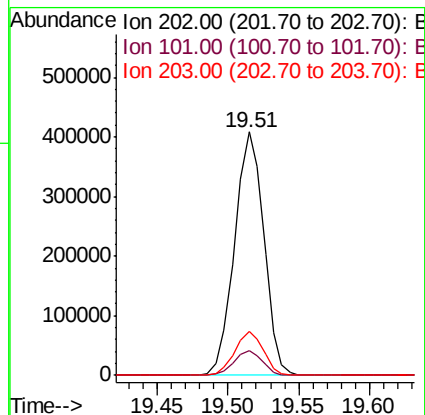
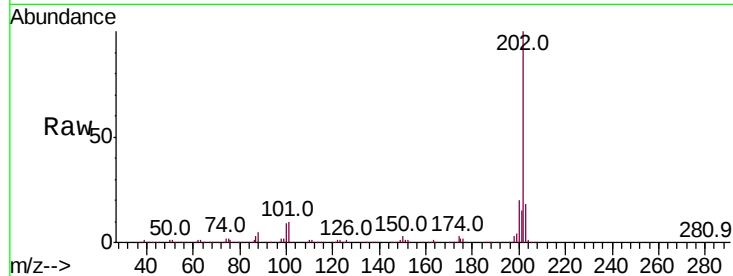
ClientSampleId :

CHASIS-WASHMS

Tot Ion:	202	Resp:	590707
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.7
203	18.2	0.0	38.5

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



#76

Chrysene-d12

Concen: 20.000 ng

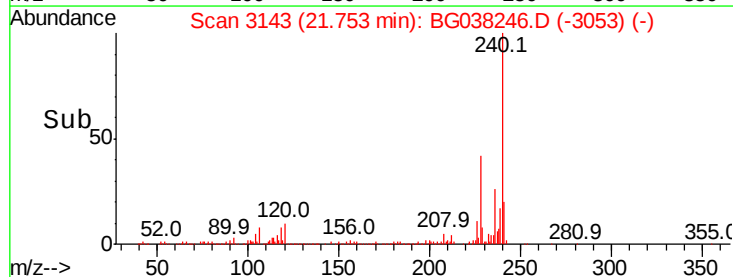
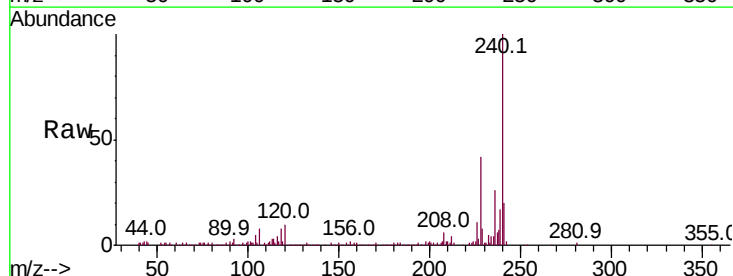
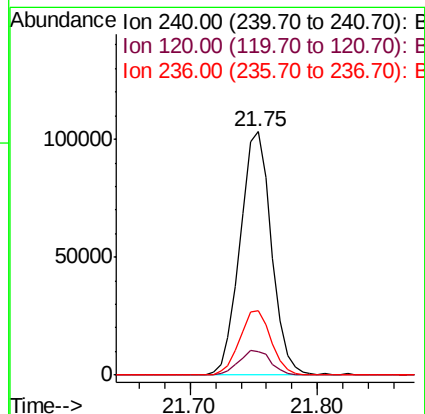
RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Tgt Ion:	240	Resp:	176844
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.1	12.1
236	26.3	21.4	32.0





#77

Benzidine

Concen: 2.751 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

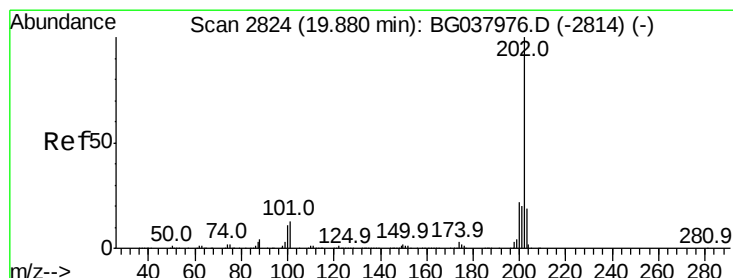
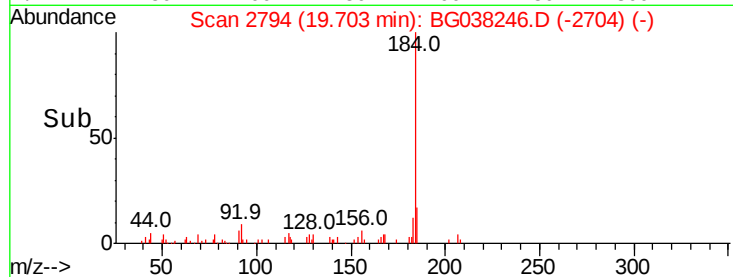
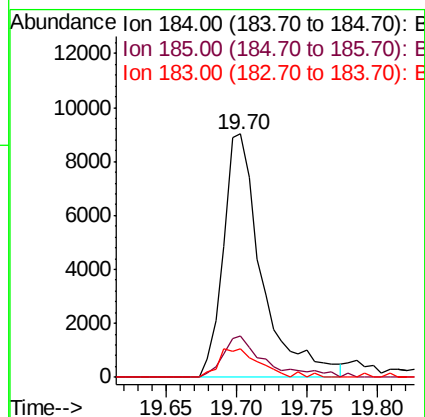
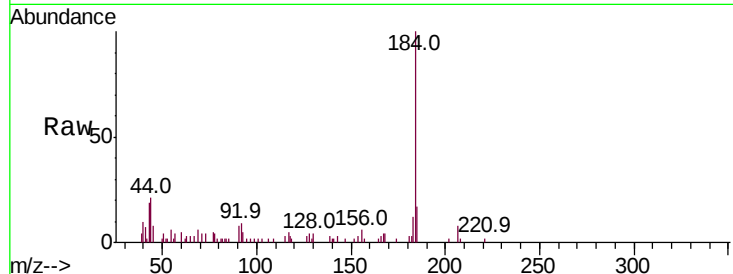
ClientSampleId :

CHASIS-WASHMS

Tot Ion:	184	Resp:	17071
Ion Ratio	Lower	Upper	
184	100		
185	16.9	12.6	18.8
183	11.9	10.2	15.2

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



#78

Pyrene

Concen: 51.561 ng

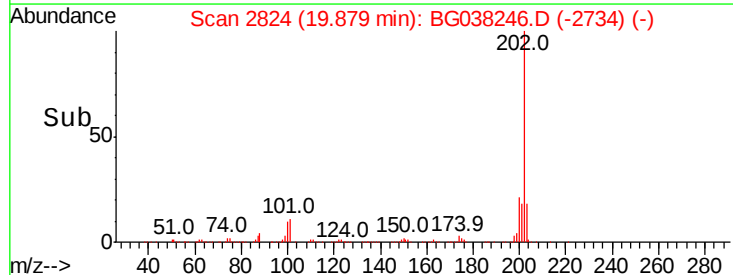
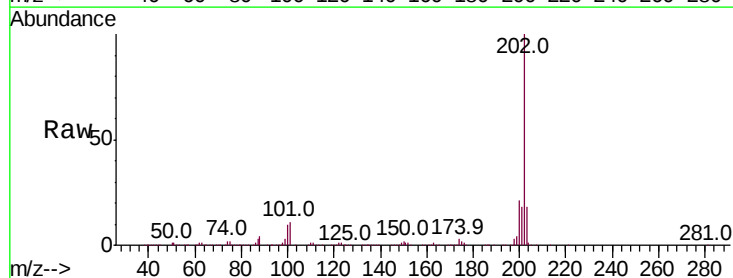
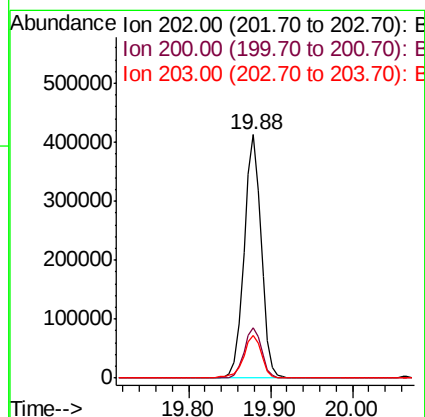
RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Tgt Ion:	202	Resp:	596161
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.8	26.6
203	17.7	15.2	22.8





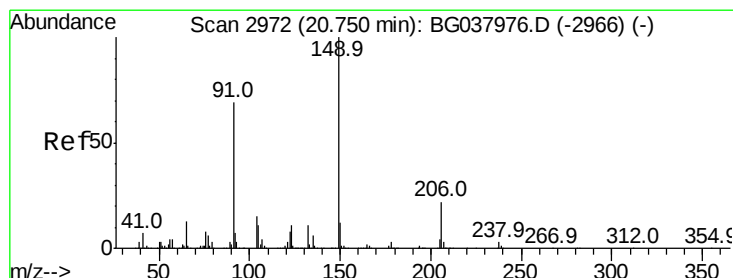
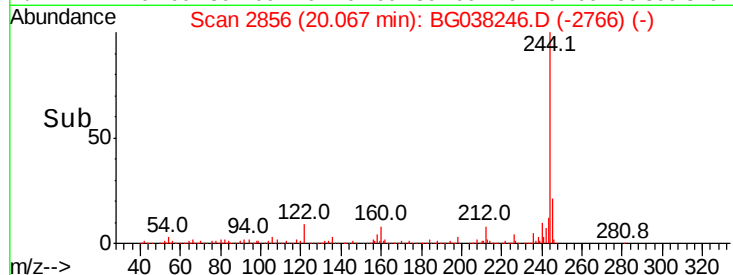
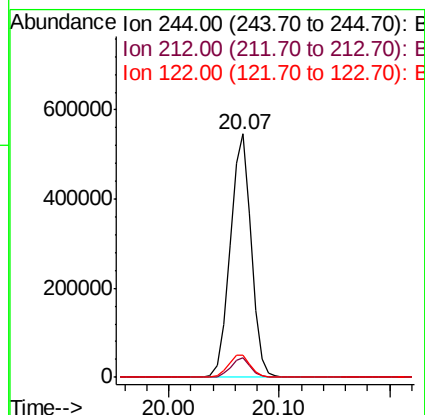
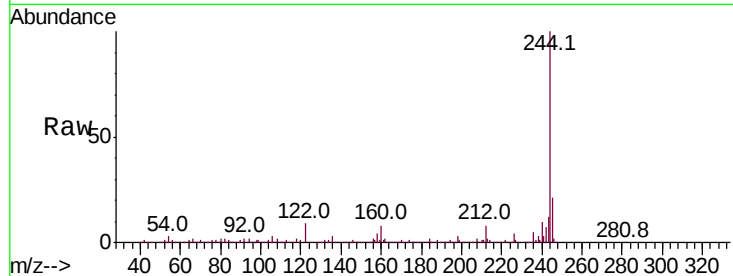
#79
 Terphenyl-d14
 Concen: 96.419 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG038246.D
 Acq: 29 Nov 2018 23:37

Instrument :
 BNA_G
 ClientSampleId :
 CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.4	9.0	13.4

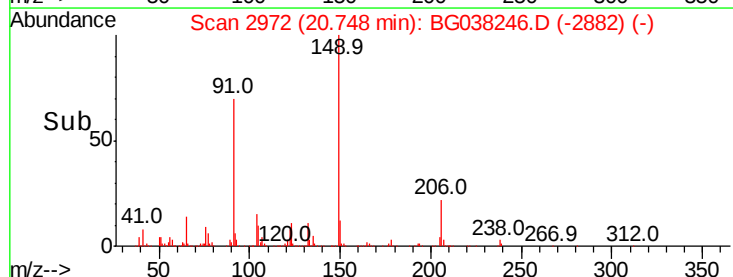
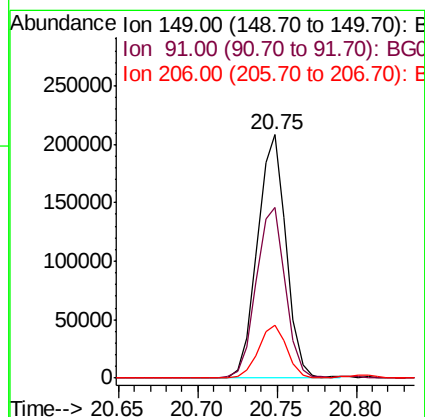
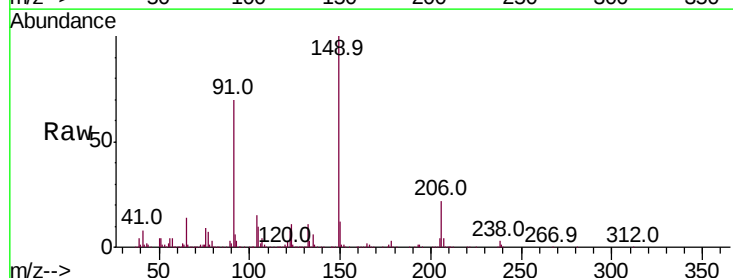
Manual Integrations
 APPROVED

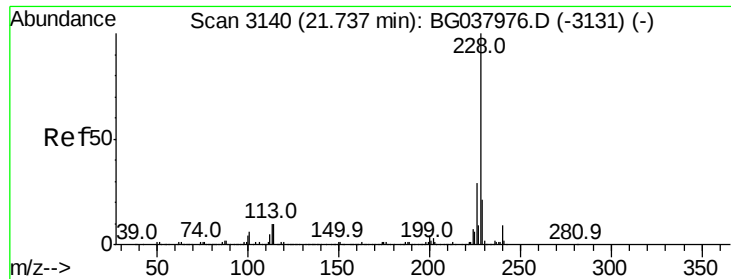
mohammad
 11/30/2018 3:48:10 PM



#80
 Butylbenzylphthalate
 Concen: 51.845 ng
 RT: 20.75 min Scan# 2972
 Delta R.T. -0.00 min
 Lab File: BG038246.D
 Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.9	57.0	85.4
206	21.7	17.8	26.6





#81

Benzo(a)anthracene

Concen: 52.513 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

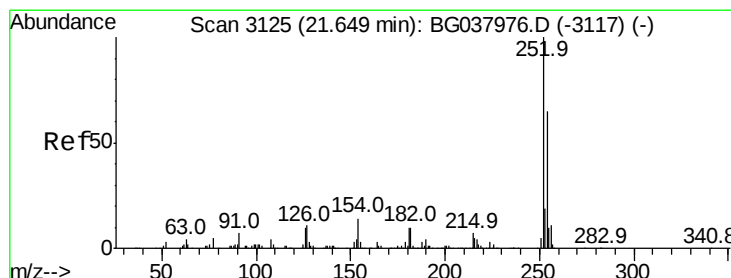
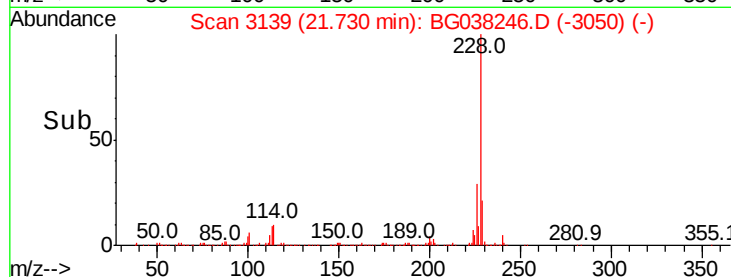
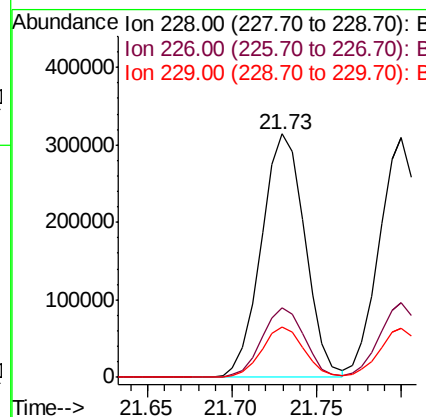
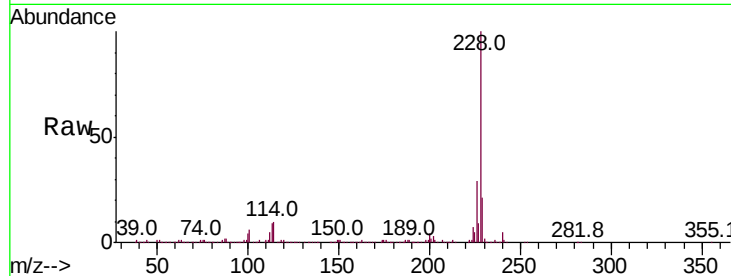
ClientSampleId :

CHASIS-WASHMS

Tot Ion:	228	Resp:	561200
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	33.8
229	20.8	16.3	24.5

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



#82

3,3'-Dichlorobenzidine

Concen: 10.657 ng

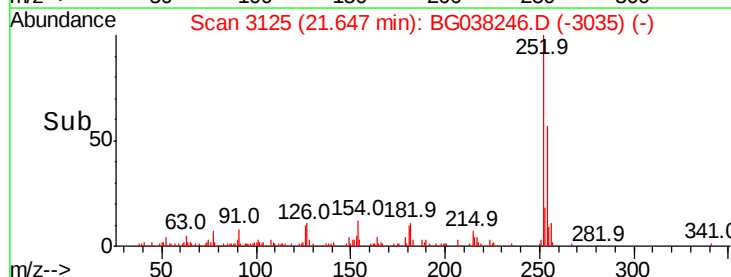
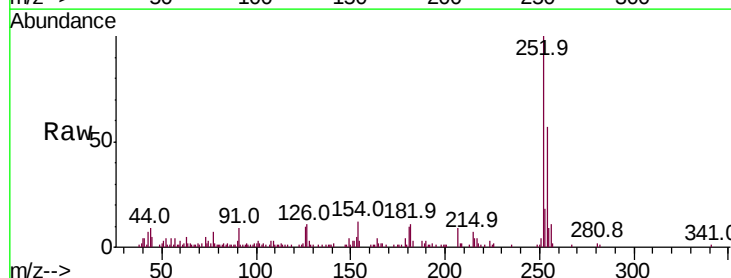
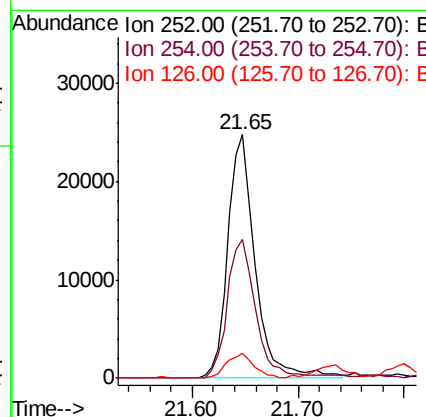
RT: 21.65 min Scan# 3125

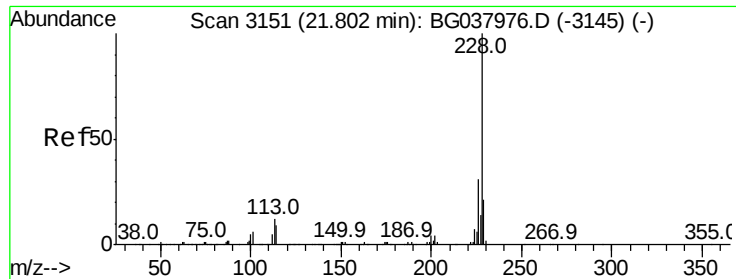
Delta R.T. -0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Tgt Ion:	252	Resp:	44364
Ion Ratio	Lower	Upper	
252	100		
254	56.9	52.0	78.0
126	10.0	8.2	12.4





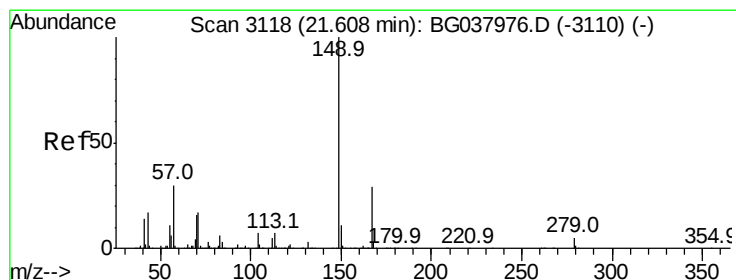
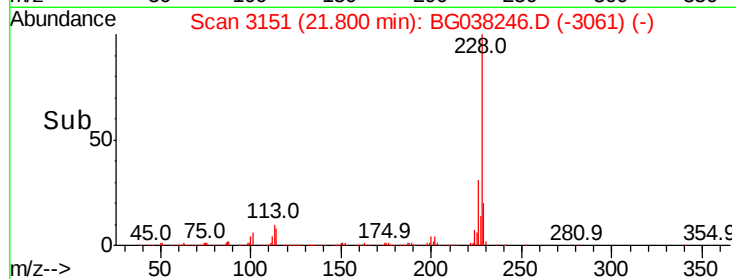
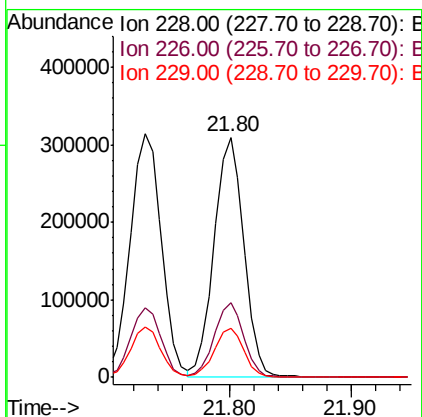
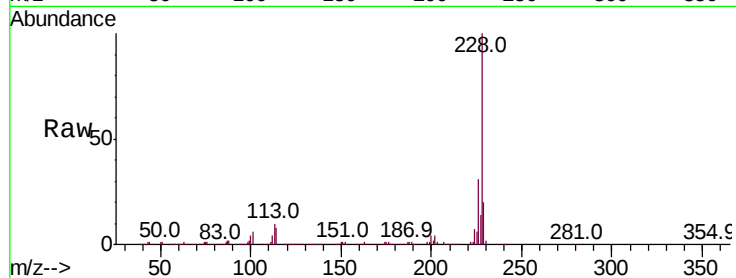
#83
 Chrvsene
 Concen: 51.477 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG038246.D
 Acq: 29 Nov 2018 23:37

Instrument :
 BNA_G
 ClientSampleId :
 CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.7	38.5
229	20.3	16.5	24.7

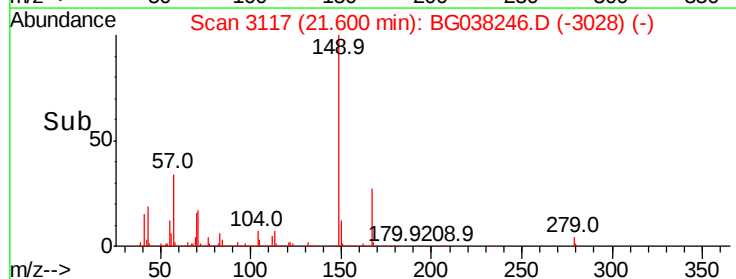
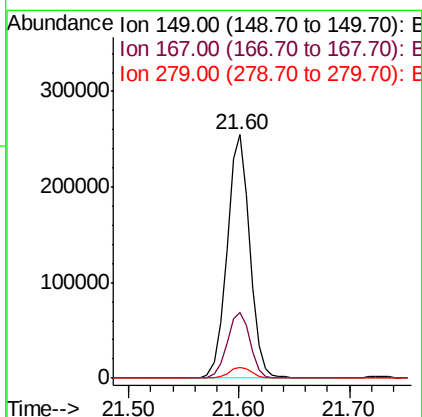
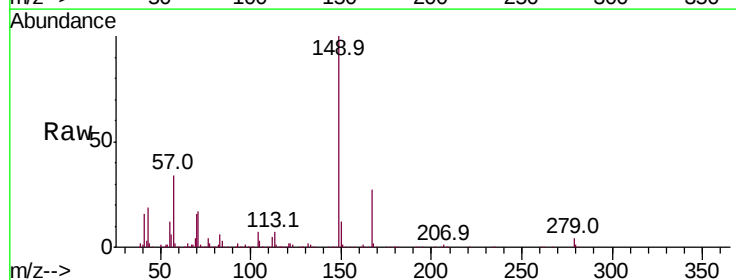
Manual Integrations
 APPROVED

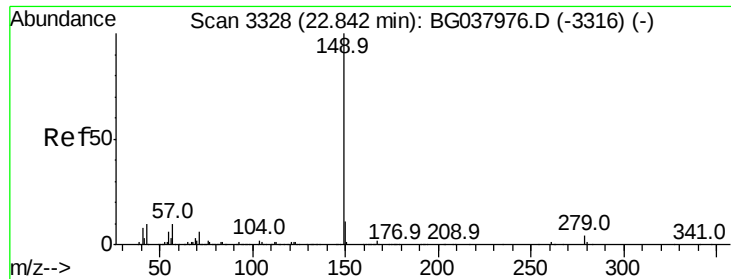
mohammad
 11/30/2018 3:48:10 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.913 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG038246.D
 Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	23.0	34.4
279	4.4	3.6	5.4





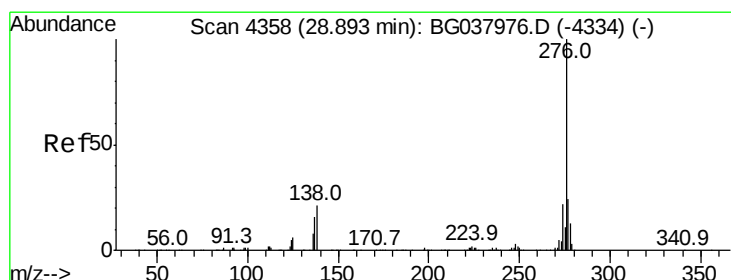
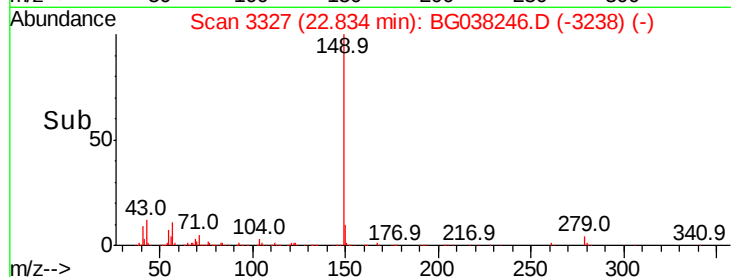
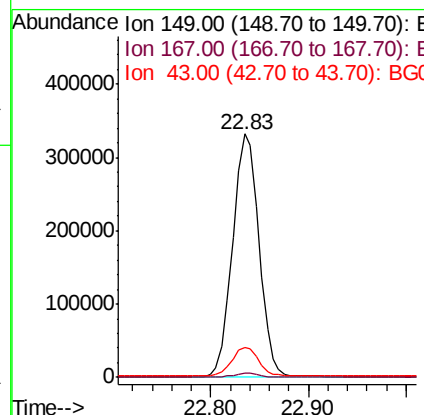
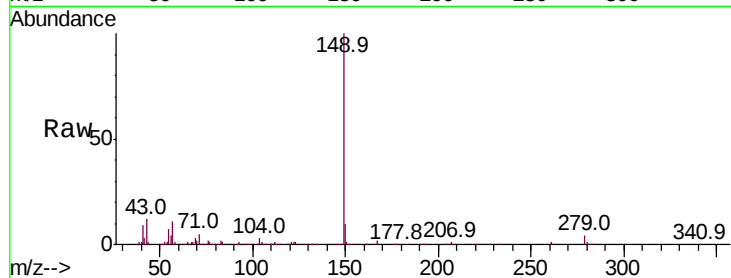
#85
Di-n-octyl phthalate
Concen: 53.676 ng
RT: 22.83 min Scan# 3327
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	626165		
167	1.7		1.3	1.9
43	12.1		8.7	13.1

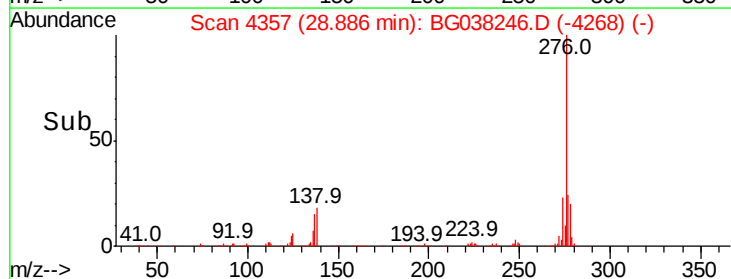
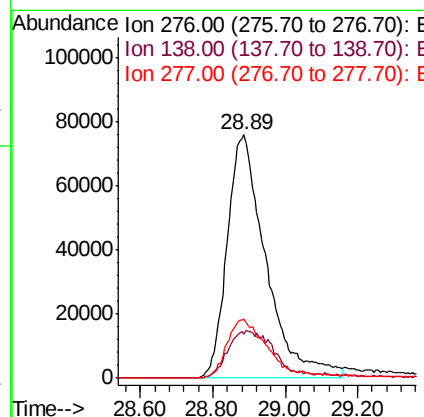
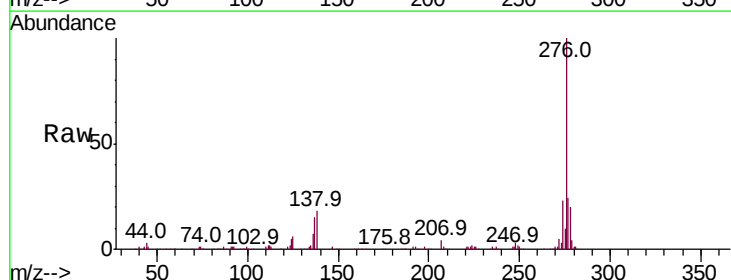
Manual Integrations
APPROVED

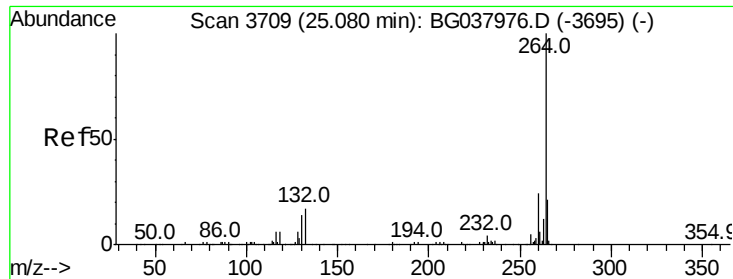
mohammad
11/30/2018 3:48:10 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.748 ng
RT: 28.89 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	564949		
138	22.3		12.0	18.0#
277	24.2		20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

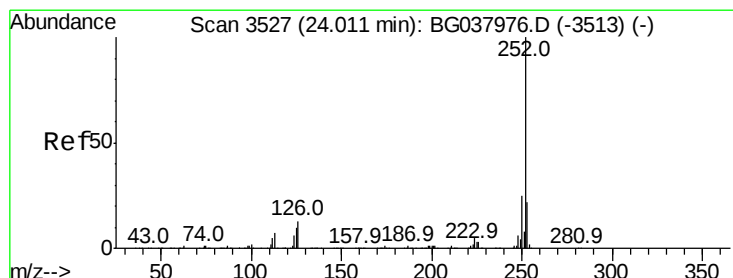
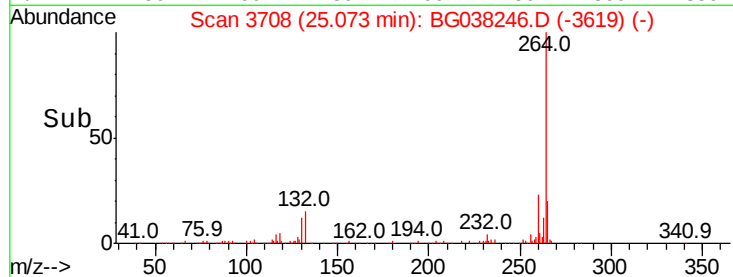
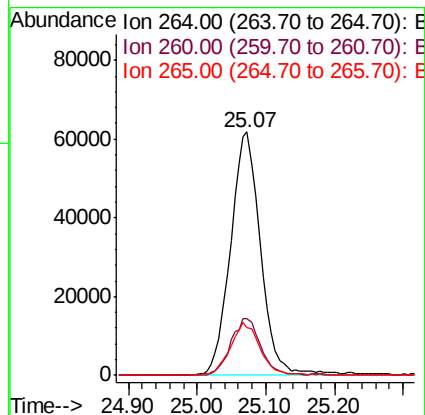
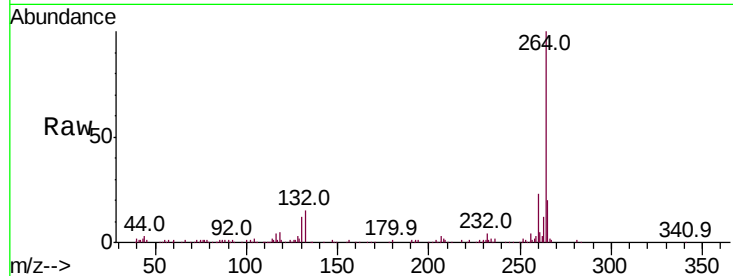
ClientSampleId :

CHASIS-WASHMS

Tot Ion:	264	Resp:	187495
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.4
265	19.7	17.9	26.9

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



#88

Benzo(b)fluoranthene

Concen: 51.696 ng

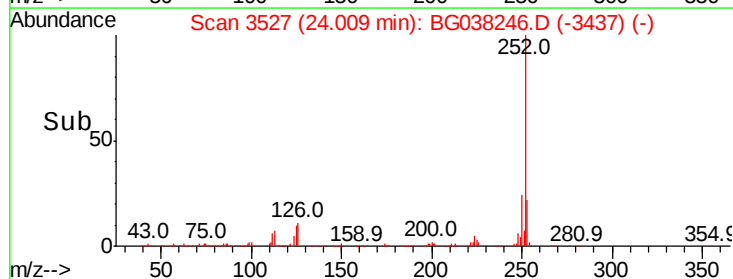
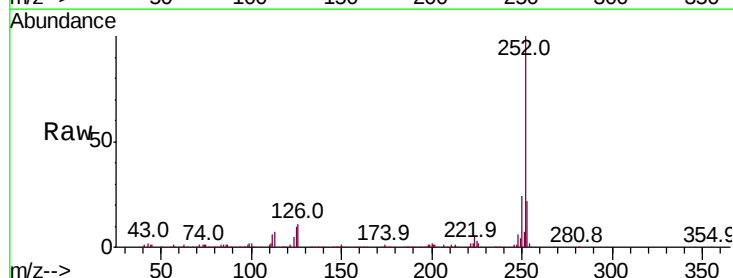
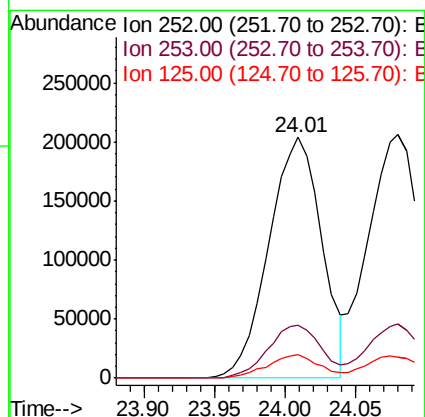
RT: 24.01 min Scan# 3527

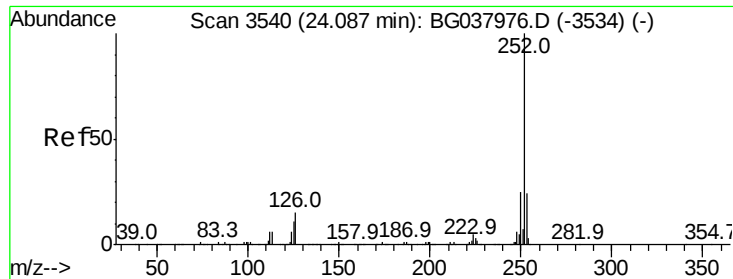
Delta R.T. -0.00 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Tgt Ion:	252	Resp:	533396
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	9.9	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 53.750 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Instrument :

BNA_G

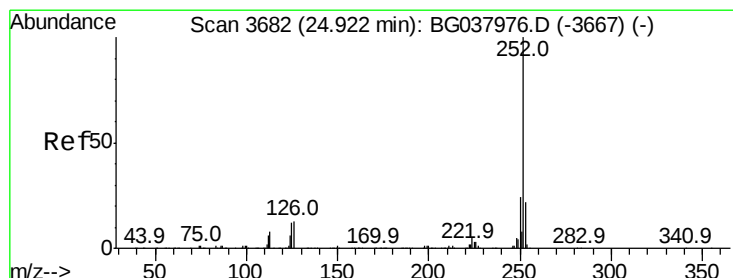
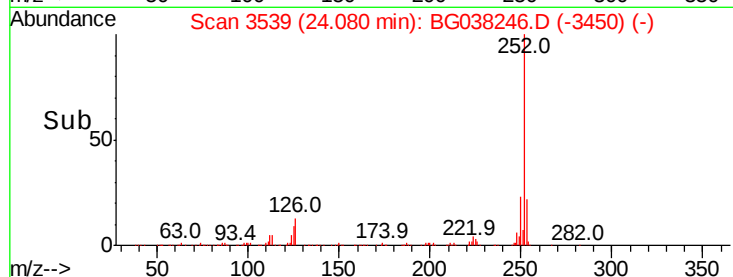
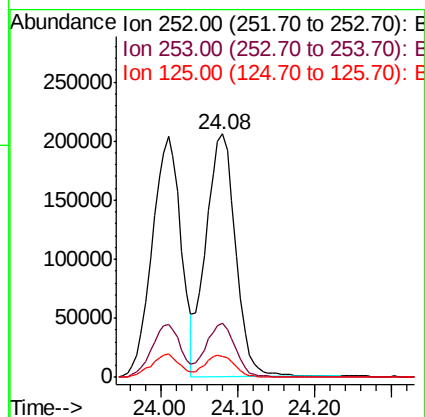
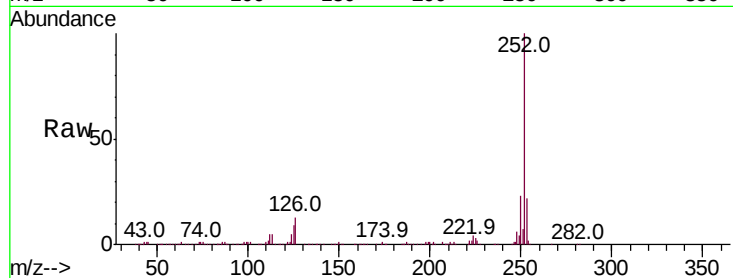
ClientSampleId :

CHASIS-WASHMS

Tot Ion:	252	Resp:	547242
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	8.7	7.4	11.0

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



#90

Benzo(a)pyrene

Concen: 54.174 ng

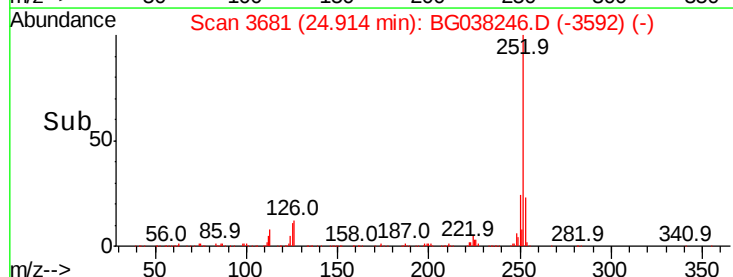
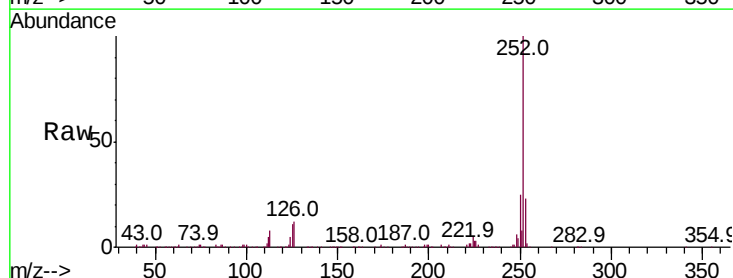
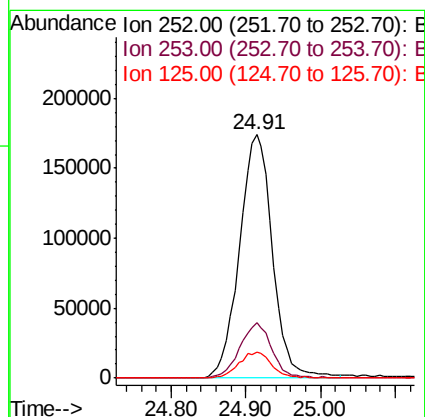
RT: 24.91 min Scan# 3681

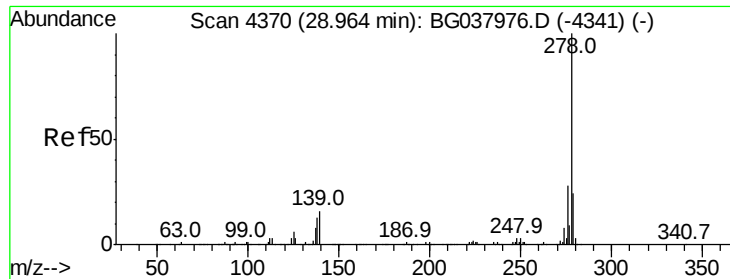
Delta R.T. -0.01 min

Lab File: BG038246.D

Acq: 29 Nov 2018 23:37

Tgt Ion:	252	Resp:	534193
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	10.8	9.0	13.6





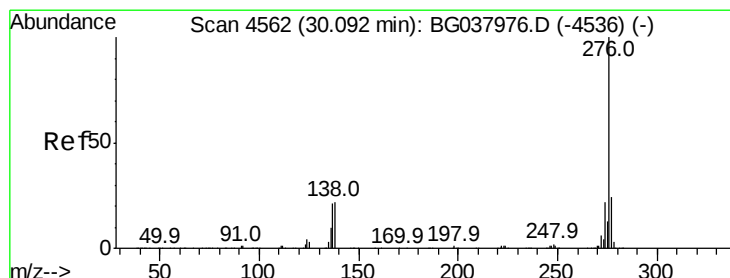
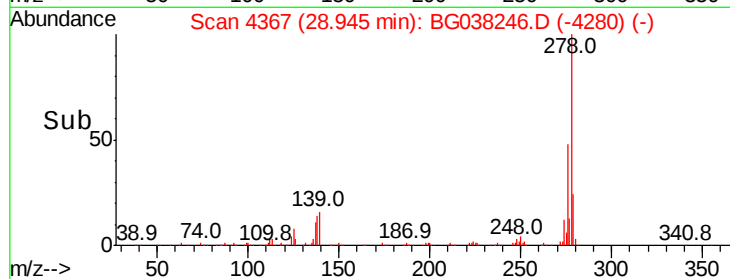
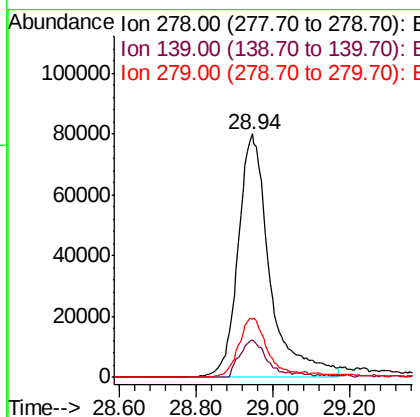
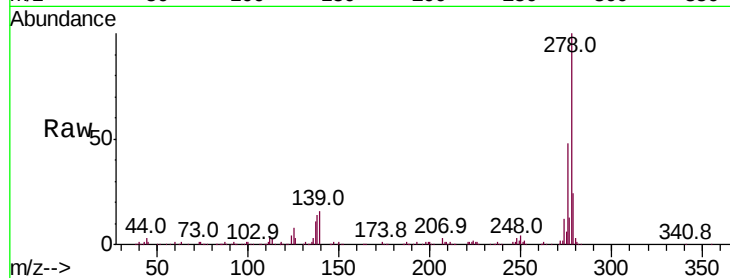
#91
Dibenzo(a,h)anthracene
Concen: 48.414 ng
RT: 28.94 min Scan# 4367
Delta R.T. -0.02 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.5	17.3
279	24.0	18.6	27.8

Manual Integrations
APPROVED

mohammad
11/30/2018 3:48:10 PM



#92
Benzo(g,h,i)perylene
Concen: 47.814 ng
RT: 30.08 min Scan# 4560
Delta R.T. -0.01 min
Lab File: BG038246.D
Acq: 29 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	21.0	17.2	25.8

