

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044338.D
 Acq On : 7 Feb 2020 15:39
 Operator : CG/JU
 Sample : PB126671BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BS

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:25:55 AM

Quant Time: Feb 08 02:52:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	77648	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	320653	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	208285	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	442868	20.00	ng	0.00
76) Chrysene-d12	21.54	240	387772	20.00	ng	0.00
87) Perylene-d12	24.63	264	444224	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	444019	100.92	ng	0.00
7) Phenol-d6	7.09	99	584103	98.86	ng	0.00
23) Nitrobenzene-d5	9.07	82	466258	82.09	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	221326	90.52	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1051329	84.52	ng	0.00
79) Terphenyl-d14	19.91	244	1557897	82.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	93244	47.170	ng	99
3) Pyridine	3.77	79	226523	43.012	ng	98
4) n-Nitrosodimethylamine	3.69	42	107414	48.808	ng	100
6) Aniline	7.24	93	292706	39.913	ng	98
8) 2-Chlorophenol	7.48	128	263249	54.442	ng	98
9) Benzaldehyde	7.05	77	125162	37.196	ng	97
10) Phenol	7.11	94	328698	56.215	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	241649	48.341	ng	97
12) 1,3-Dichlorobenzene	7.81	146	273713	47.410	ng	98
13) 1,4-Dichlorobenzene	7.95	146	276695	48.390	ng	99
14) 1,2-Dichlorobenzene	8.27	146	259975	48.101	ng	98
15) Benzyl Alcohol	8.15	79	214932	51.384	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	317844	46.977	ng	99
17) 2-Methylphenol	8.36	107	225317	54.010	ng	96
18) Hexachloroethane	9.00	117	100388	46.785	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	187896	47.720	ng	97
20) 3+4-Methylphenols	8.69	107	306917	53.383	ng	97
22) Acetophenone	8.73	105	355640	45.592	ng	99
24) Nitrobenzene	9.11	77	266386	48.043	ng	99
25) Isophorone	9.64	82	507855	47.973	ng	99
26) 2-Nitrophenol	9.83	139	148010	51.444	ng	99
27) 2,4-Dimethylphenol	9.89	122	251928	62.031	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	328435	46.507	ng	100
29) 2,4-Dichlorophenol	10.37	162	259256	52.792	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	262882	46.685	ng	99
31) Naphthalene	10.76	128	758347	48.746	ng	100
32) Benzoic acid	10.05	122	100891	40.751	ng	89
33) 4-Chloroaniline	10.87	127	178740	25.262	ng	99
34) Hexachlorobutadiene	11.06	225	154125	44.482	ng	98
35) Caprolactam	11.64	113	93375m	51.906	ng	
36) 4-Chloro-3-methylphenol	12.01	107	266184	51.698	ng	99
37) 2-Methylnaphthalene	12.37	142	561661	48.625	ng	99
38) 1-Methylnaphthalene	12.59	142	533957	49.032	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	274886	44.119	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044338.D
 Acq On : 7 Feb 2020 15:39
 Operator : CG/JU
 Sample : PB126671BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BS

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:25:55 AM

Quant Time: Feb 08 02:52:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	356342	119.195	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	202797	50.356	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	215777	52.457	ng	99
46) 1,1'-Biphenyl	13.38	154	708468	47.156	ng	99
47) 2-Chloronaphthalene	13.42	162	553104	46.265	ng	99
48) 2-Nitroaniline	13.62	65	161987	45.912	ng	98
49) Acenaphthylene	14.27	152	872688	49.768	ng	100
50) Dimethylphthalate	14.00	163	709514	47.389	ng	100
51) 2,6-Dinitrotoluene	14.12	165	160431	48.058	ng	98
52) Acenaphthene	14.62	154	543667	47.834	ng	98
53) 3-Nitroaniline	14.45	138	106566	28.854	ng	95
54) 2,4-Dinitrophenol	14.66	184	182648	91.160	ng	99
55) Dibenzofuran	14.95	168	832907	48.402	ng	98
56) 4-Nitrophenol	14.77	139	292051	107.953	ng	97
57) 2,4-Dinitrotoluene	14.91	165	226157	48.336	ng	98
58) Fluorene	15.60	166	656770	48.457	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	191868	51.640	ng	99
60) Diethylphthalate	15.37	149	708797	47.511	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	348682	47.447	ng	98
62) 4-Nitroaniline	15.61	138	158288	42.891	ng	99
63) Azobenzene	15.88	77	631930	48.331	ng	100
65) 4,6-Dinitro-2-methylphenol	15.68	198	136597	55.876	ng	97
66) n-Nitrosodiphenylamine	15.81	169	615649	49.605	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	227569	47.165	ng	98
68) Hexachlorobenzene	16.61	284	249610	46.176	ng	99
69) Atrazine	16.76	200	230507	54.187	ng	99
70) Pentachlorophenol	16.95	266	274608	99.655	ng	99
71) Phenanthrene	17.34	178	1042164	48.597	ng	99
72) Anthracene	17.43	178	1076449	50.771	ng	98
73) Carbazole	17.69	167	967615	49.505	ng	99
74) Di-n-butylphthalate	18.26	149	1182295	48.948	ng	100
75) Fluoranthene	19.34	202	1237481	49.882	ng	100
77) Benzidine	19.53	184	564215	52.457	ng	98
78) Pyrene	19.71	202	1232022	49.473	ng	99
80) Butylbenzylphthalate	20.60	149	541688	47.732	ng	98
81) Benzo(a)anthracene	21.52	228	1167101	48.835	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	299763	32.318	ng	99
83) Chrysene	21.59	228	1126768	48.777	ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	764838	48.964	ng	99
85) Di-n-octyl phthalate	22.61	149	1342908	49.688	ng	99
86) Indeno(1,2,3-cd)pyrene	28.15	276	1441528	47.831	ng	100
88) Benzo(b)fluoranthene	23.66	252	1260983	49.261	ng	99
89) Benzo(k)fluoranthene	23.73	252	1209409	48.476	ng	98
90) Benzo(a)pyrene	24.49	252	1154283	47.693	ng	99
91) Dibenzo(a,h)anthracene	28.19	278	1179661	49.250	ng	99
92) Benzo(g,h,i)perylene	29.24	276	1210582	50.487	ng	99

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

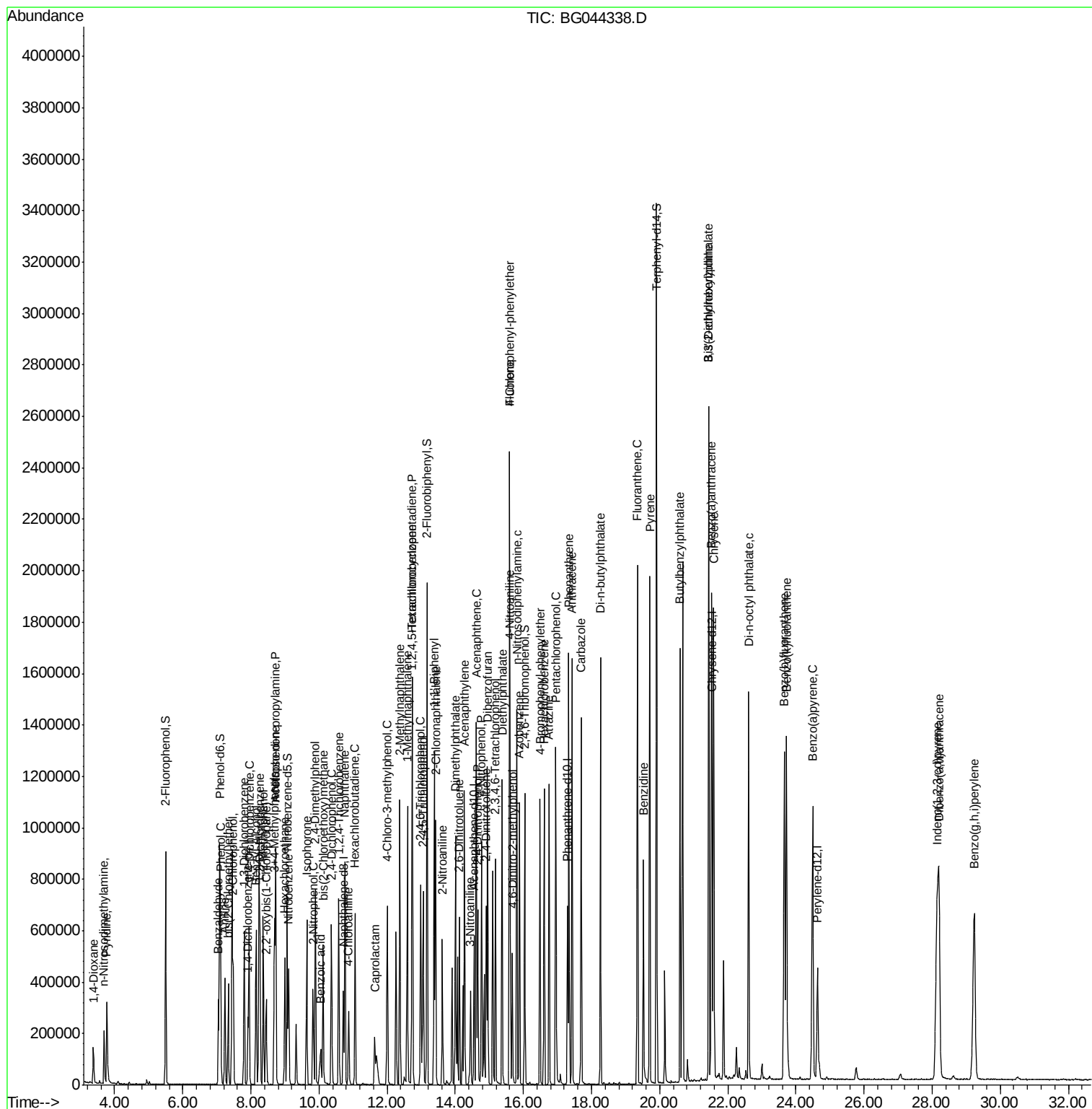
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
Data File : BG044338.D
Acq On : 7 Feb 2020 15:39
Operator : CG/JU
Sample : PB126671BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

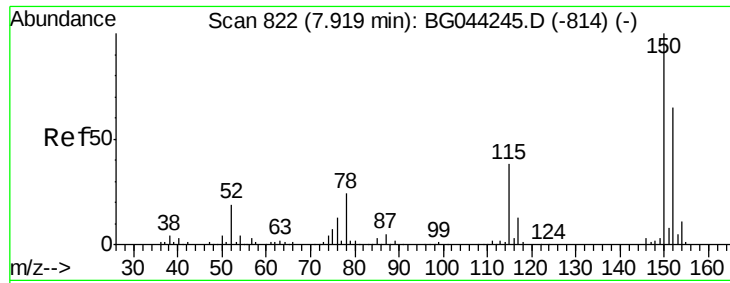
Instrument :
BNA_G
ClientSampleId :
PB126671BS

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM

Quant Time: Feb 08 02:52:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration





#1

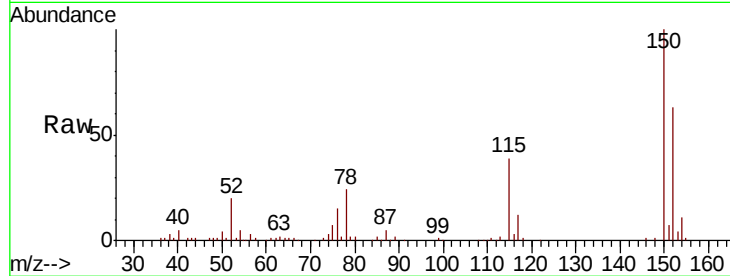
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.6	183.8
115	61.3	46.0	69.0

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM

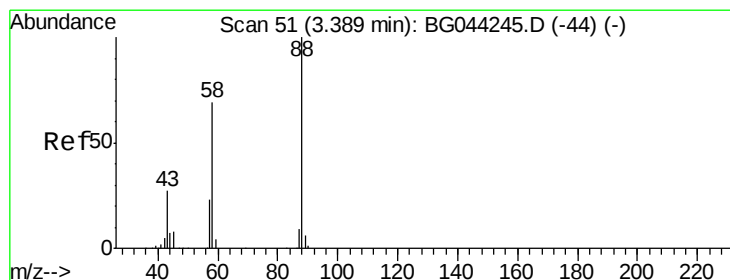
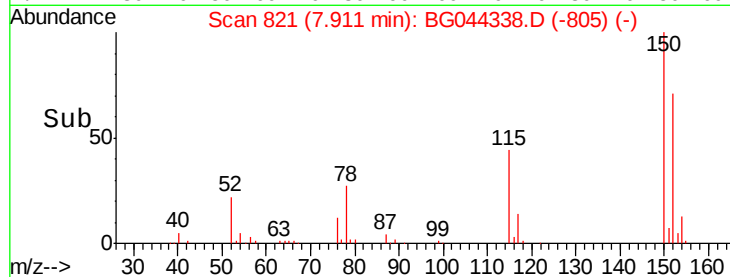
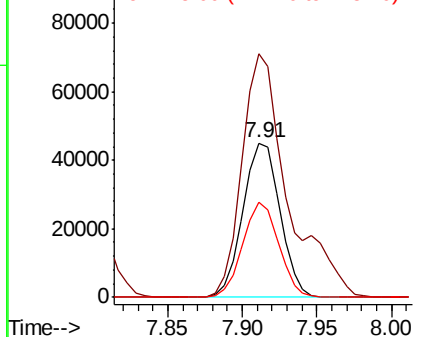


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

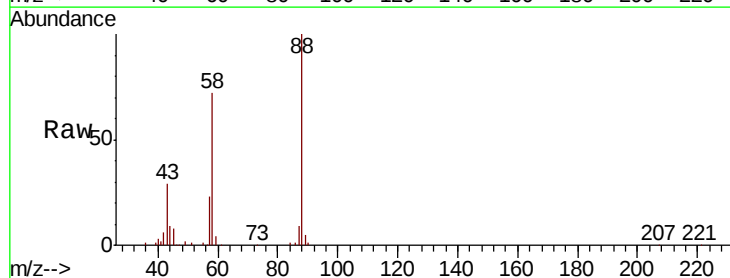
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.170 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	55.8	83.6
43	26.0	21.6	32.4

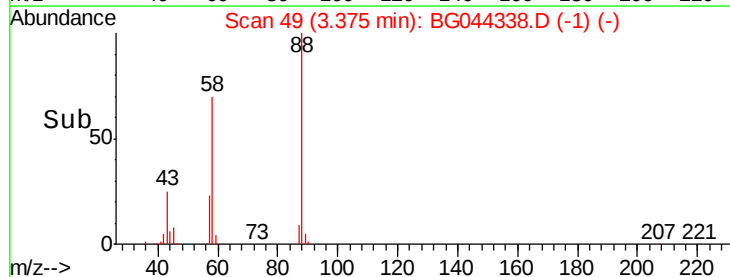
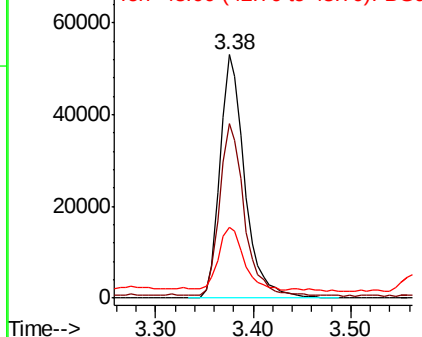


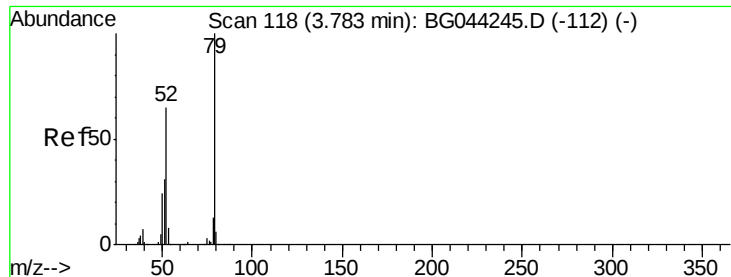
Abundance

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: 43.012 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

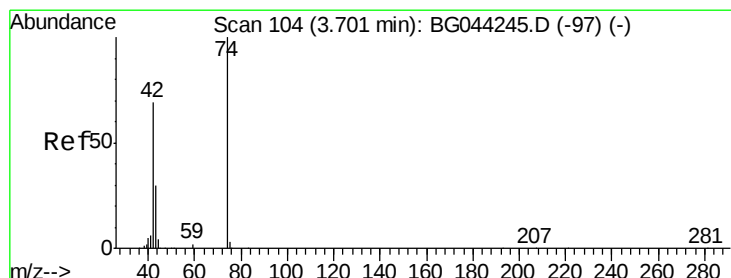
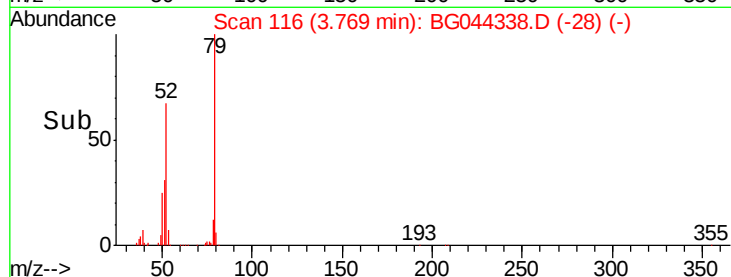
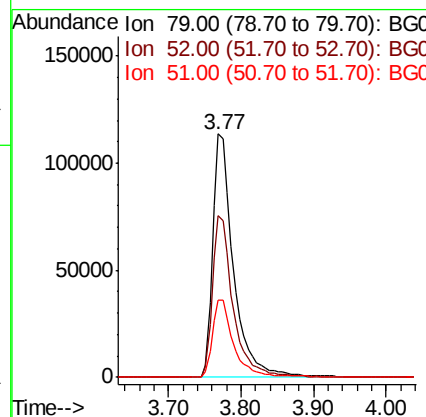
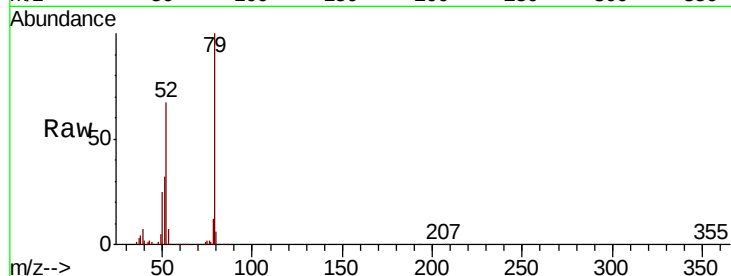
ClientSampleId :

PB126671BS

Tot Ion:	79	Resp:	226523
Ion Ratio	Lower	Upper	
79	100		
52	66.6	51.9	77.9
51	31.8	25.3	37.9

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



#4

n-Nitrosodimethylamine

Concen: 48.808 ng

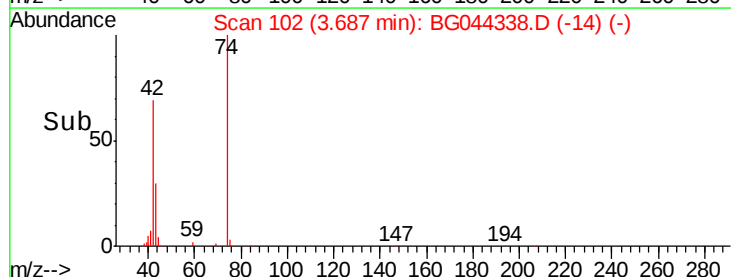
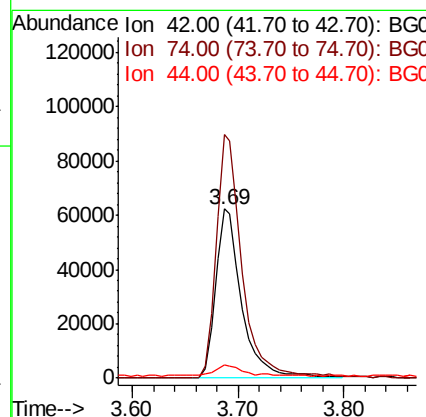
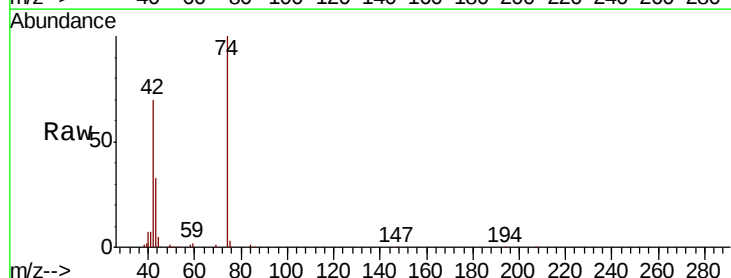
RT: 3.69 min Scan# 102

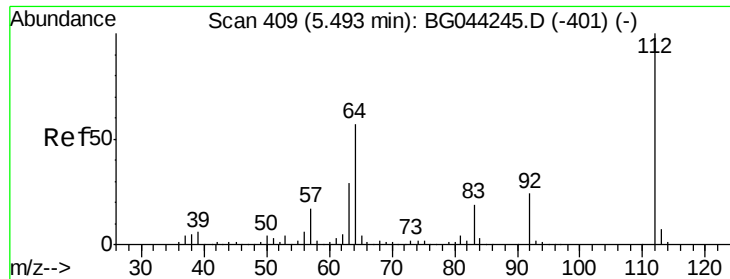
Delta R.T. -0.01 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Tgt Ion:	42	Resp:	107414
Ion Ratio	Lower	Upper	
42	100		
74	143.8	115.1	172.7
44	7.9	5.6	8.4





#5

2-Fluorophenol

Concen: 100.920 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

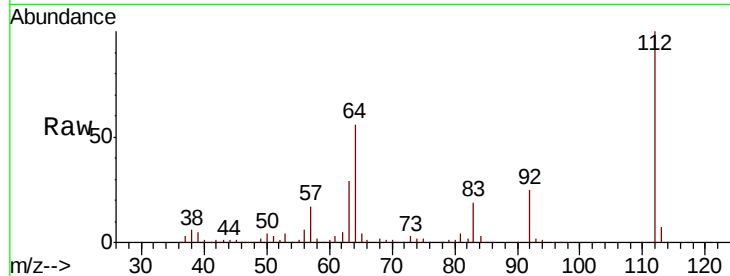
ClientSampleId :

PB126671BS

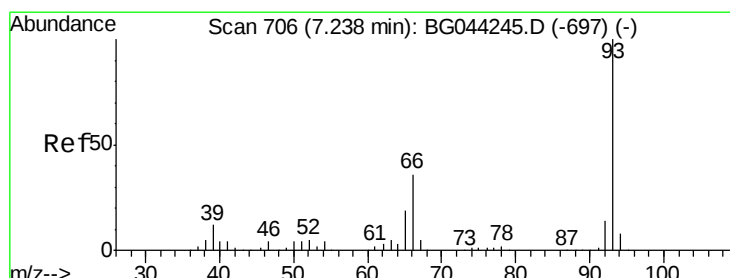
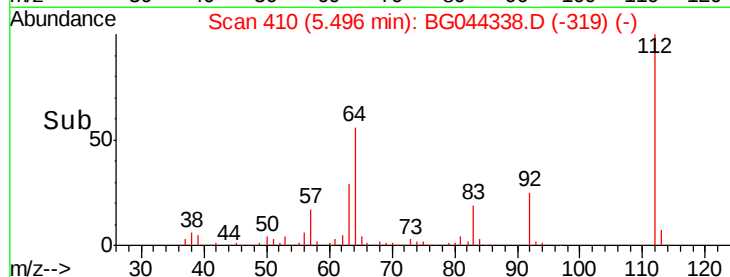
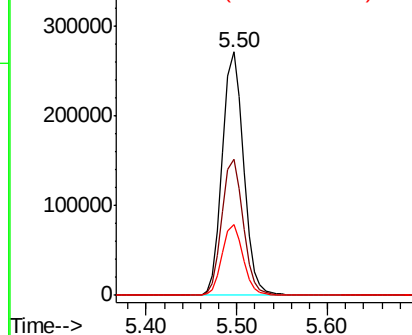
Tot Ion:	112	Resp:	444019
Ion Ratio	Lower	Upper	
112	100		
64	55.7	45.4	68.2
63	29.0	22.9	34.3

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



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



#6

Aniline

Concen: 39.913 ng

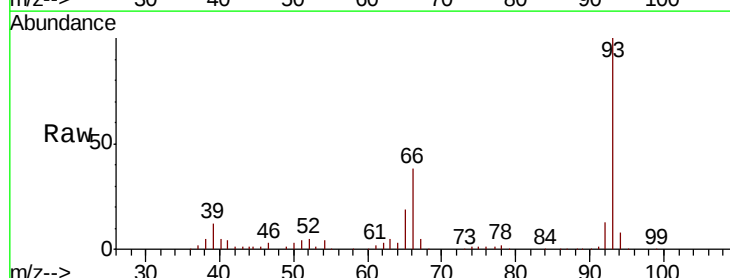
RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

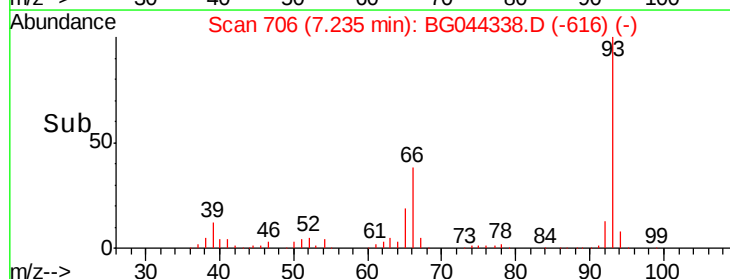
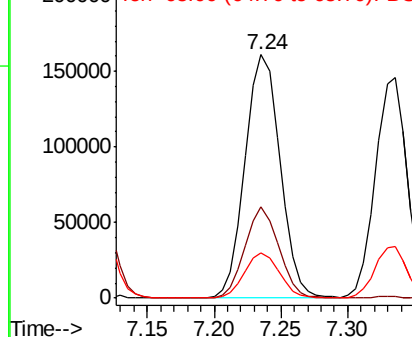
Lab File: BG044338.D

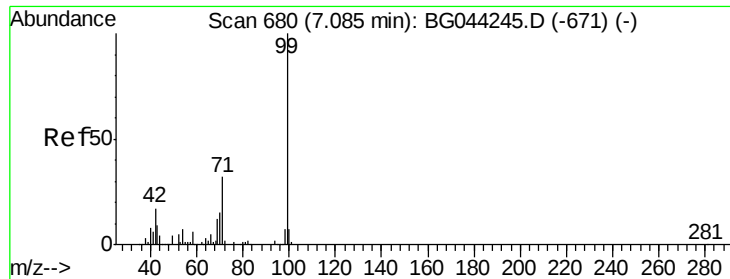
Acq: 7 Feb 2020 15:39

Tgt Ion:	93	Resp:	292706
Ion Ratio	Lower	Upper	
93	100		
66	37.7	28.7	43.1
65	18.6	15.4	23.0



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: 98.864 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

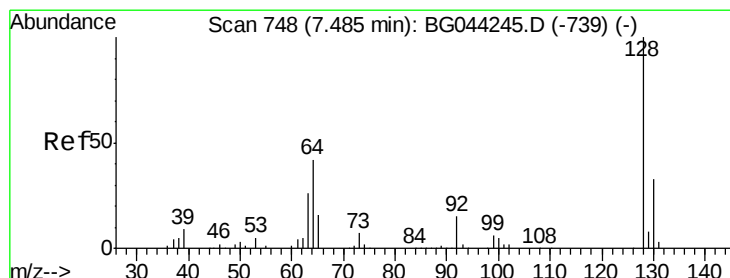
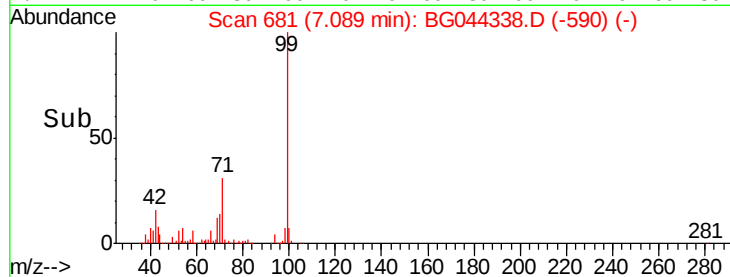
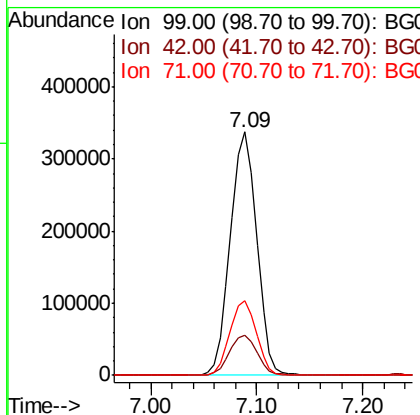
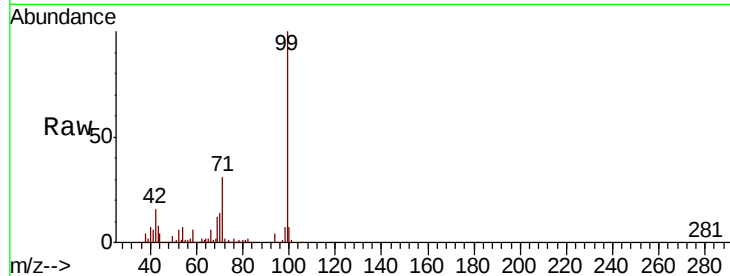
ClientSampleId :

PB126671BS

Tot Ion:	99	Resp:	584103
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.8	20.6
71	30.7	25.5	38.3

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



#8

2-Chlorophenol

Concen: 54.442 ng

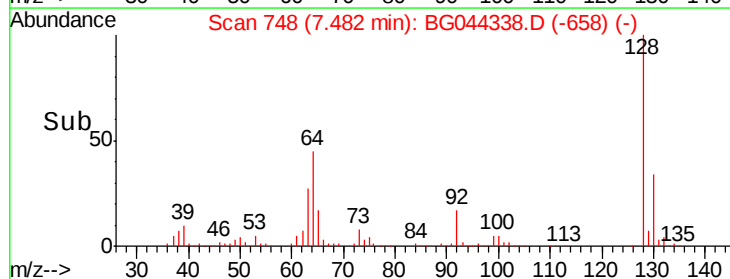
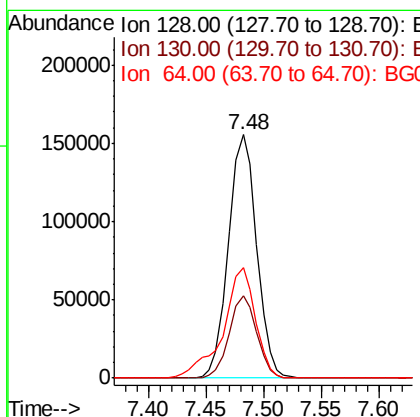
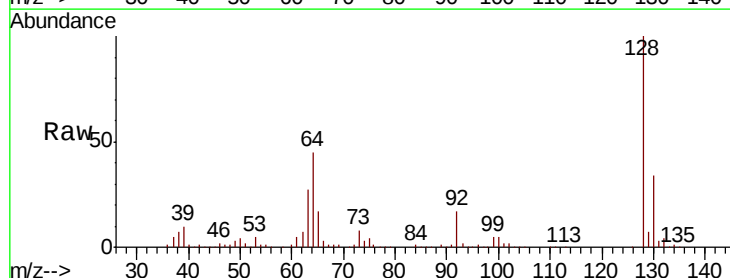
RT: 7.48 min Scan# 748

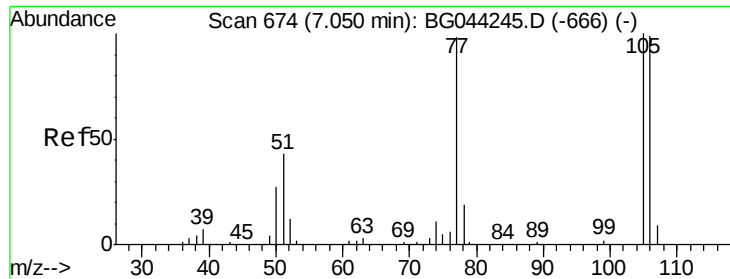
Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Tgt Ion:	128	Resp:	263249
Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.5	52.5
64	45.1	24.2	64.2





#9

Benzaldehyde

Concen: 37.196 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

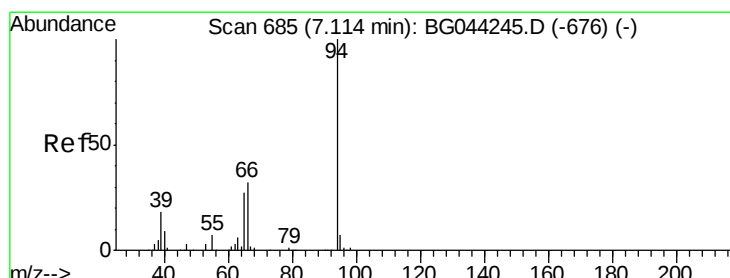
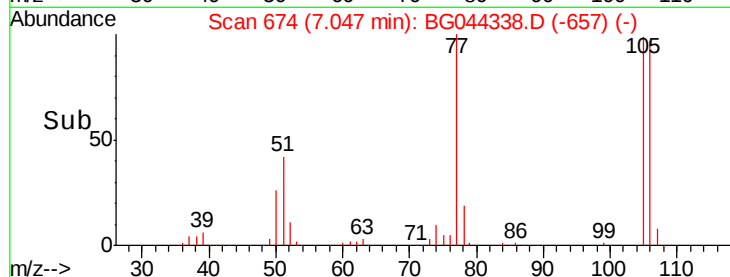
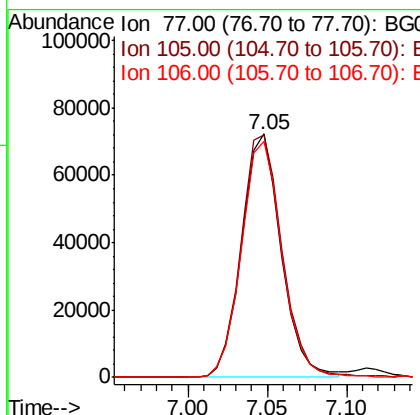
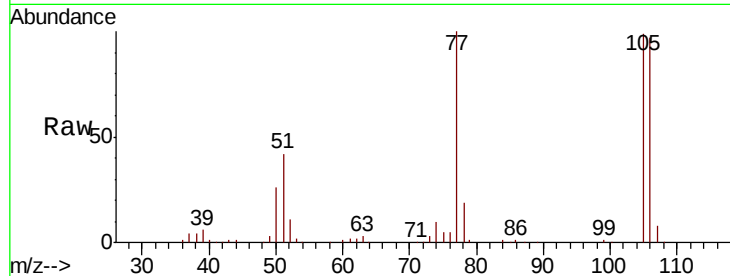
ClientSampled :

PB126671BS

Tot Ion:	77	Resp:	125162
Ion	Ratio	Lower	Upper
77	100		
105	99.3	82.0	122.0
106	97.1	80.7	120.7

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



#10

Phenol

Concen: 56.215 ng

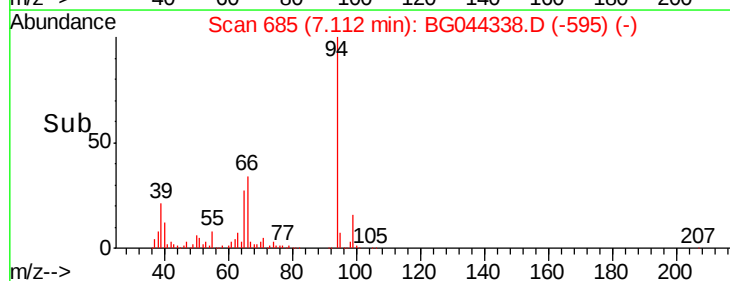
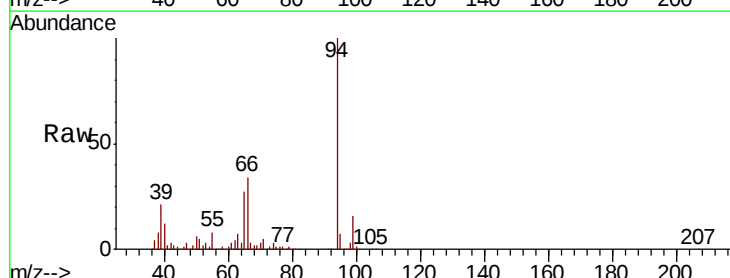
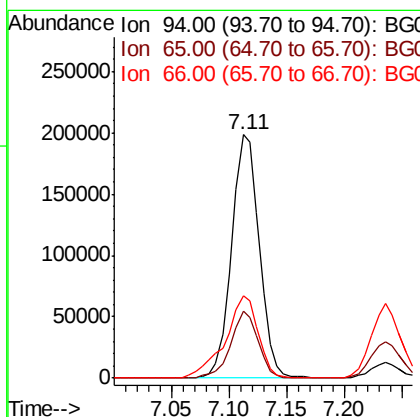
RT: 7.11 min Scan# 685

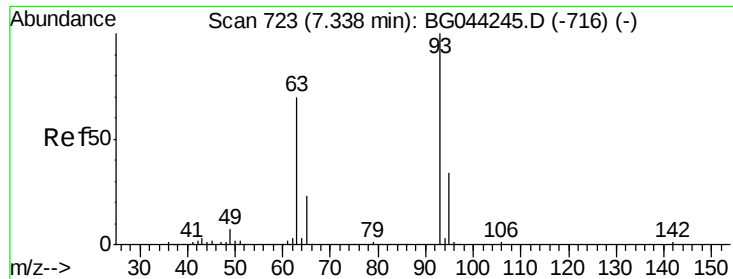
Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Tgt Ion:	94	Resp:	328698
Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.0	47.0
66	33.6	12.7	52.7





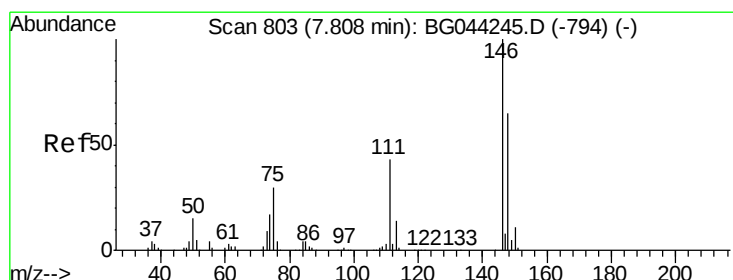
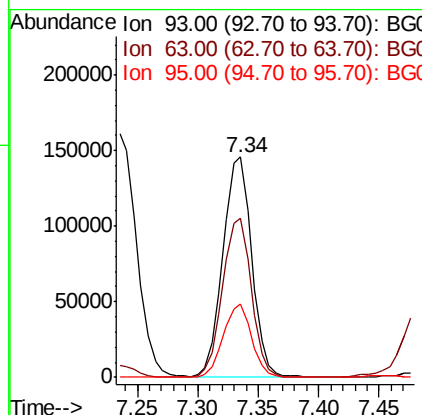
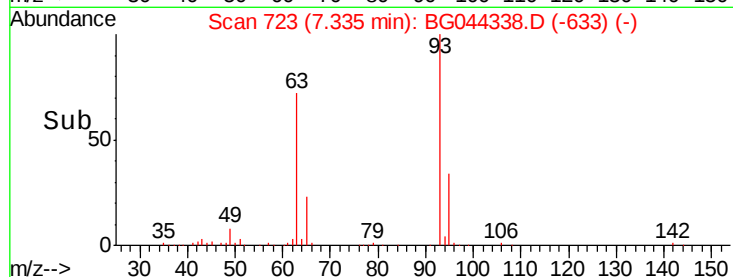
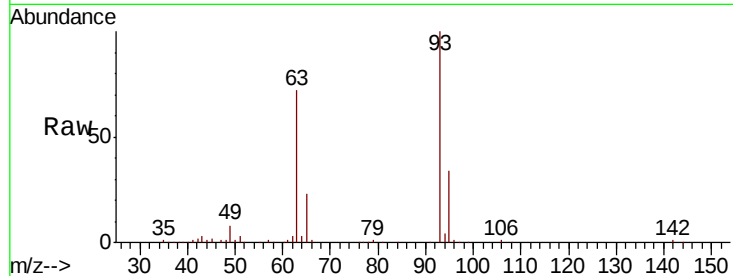
#11
bis(2-Chloroethyl)ether
Concen: 48.341 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.3	49.2	89.2
95	33.5	13.6	53.6

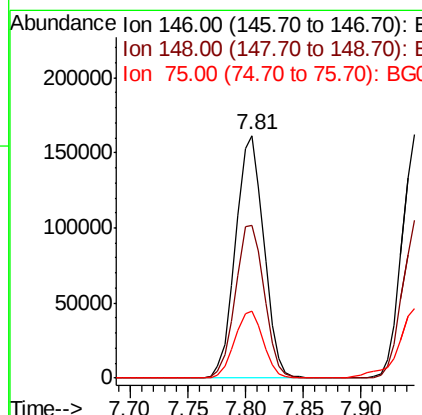
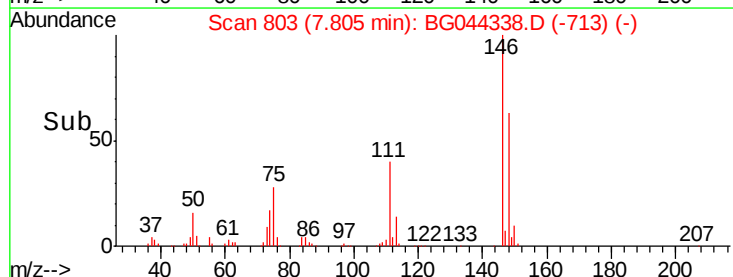
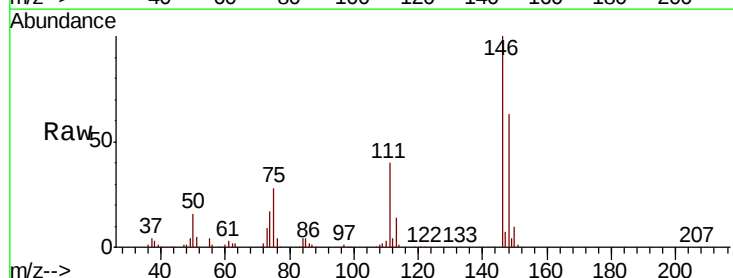
Manual Integrations
APPROVED

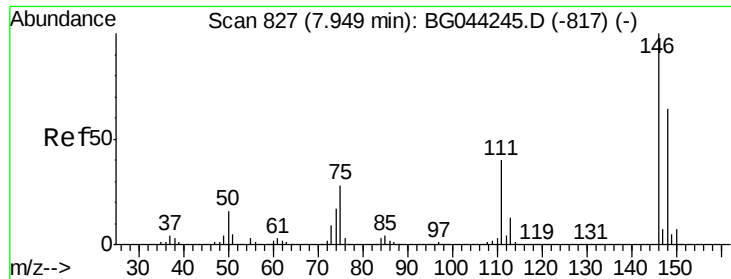
mohammad
2/11/2020 8:25:55 AM



#12
1,3-Dichlorobenzene
Concen: 47.410 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	27.7	23.7	35.5





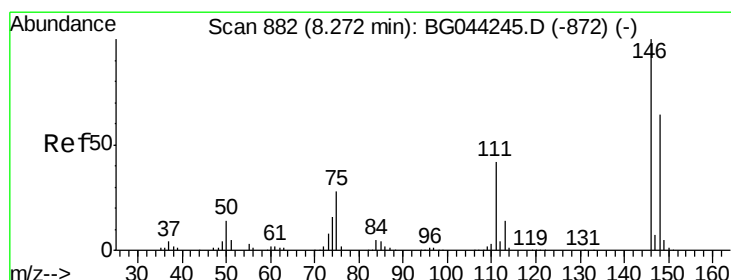
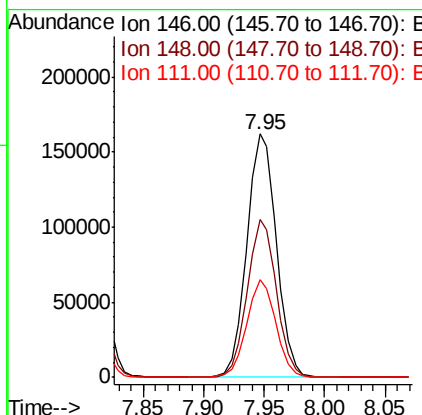
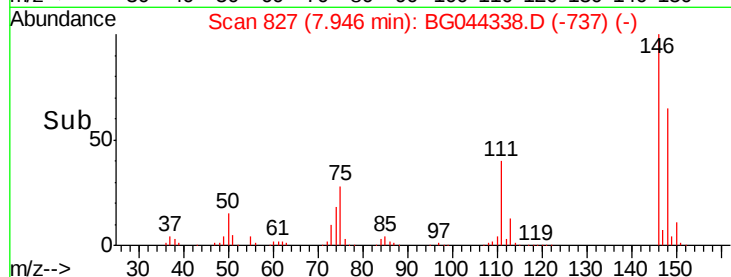
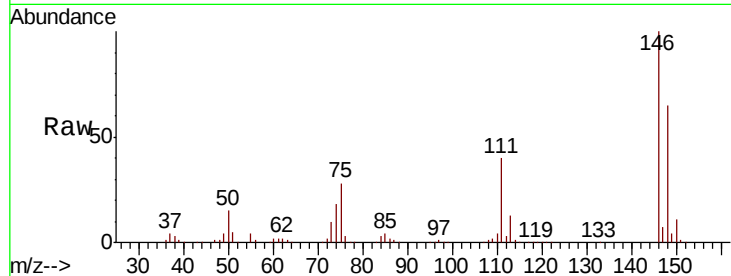
#13
 1,4-Dichlorobenzene
 Concen: 48.390 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
111	39.9	31.8	47.8

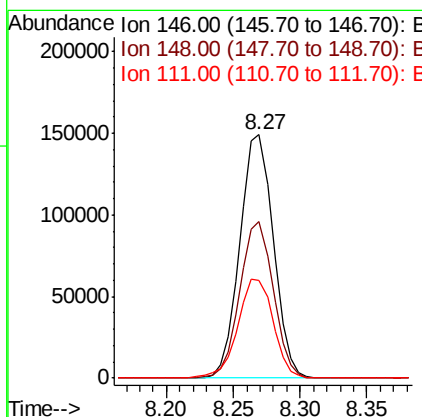
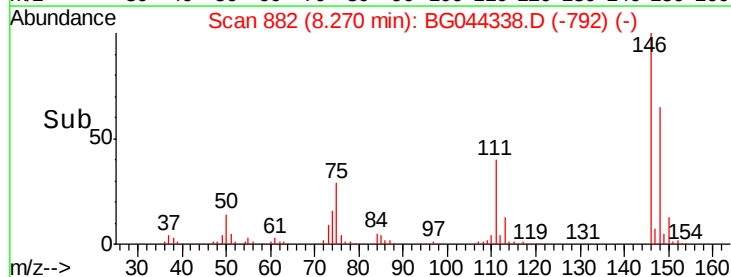
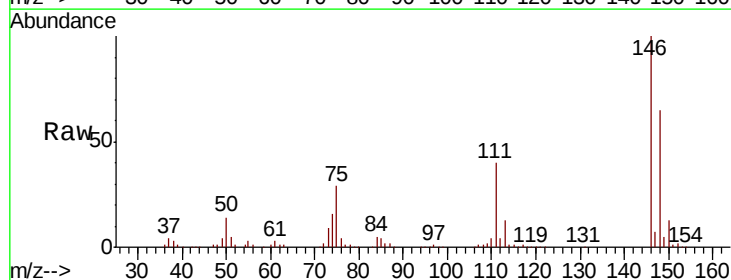
Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:25:55 AM



#14
 1,2-Dichlorobenzene
 Concen: 48.101 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.2	76.8
111	40.2	34.0	51.0





#15

Benzyl Alcohol

Concen: 51.384 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB126671BS

Tot Ion: 79 Resp: 214932

Ion Ratio Lower Upper

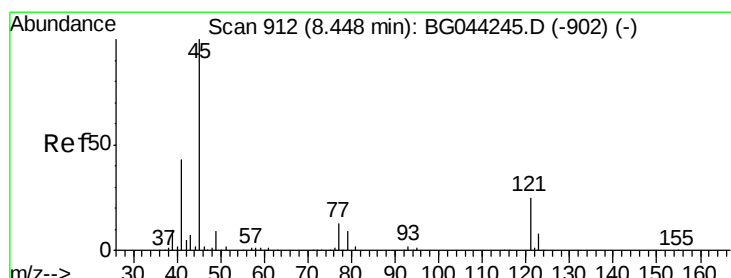
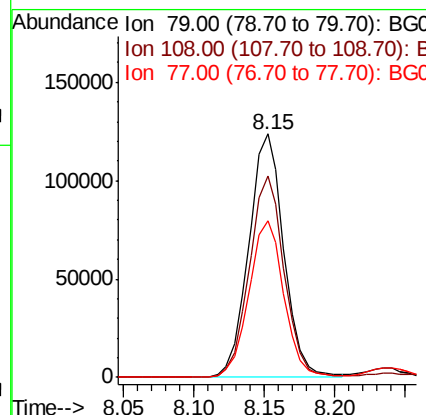
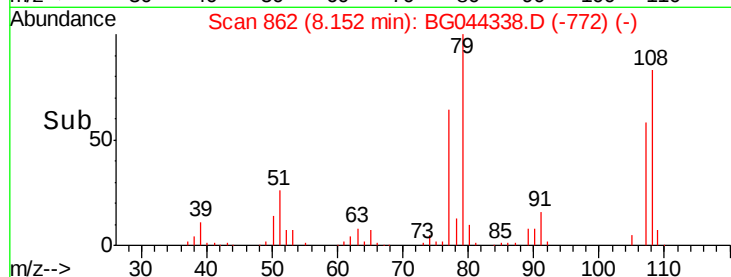
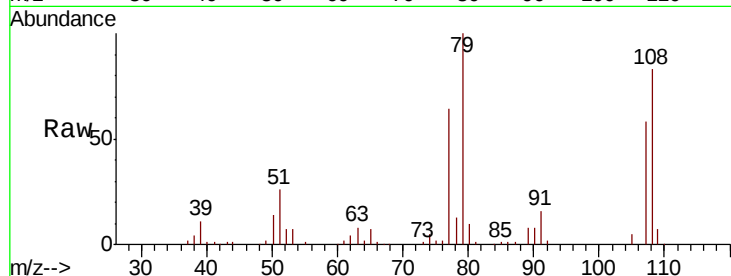
79 100

108 82.7 68.3 102.5

77 64.5 51.8 77.8

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.977 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

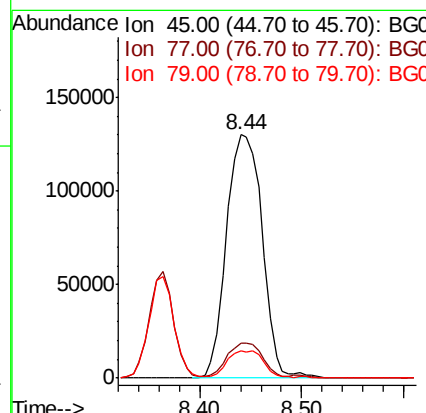
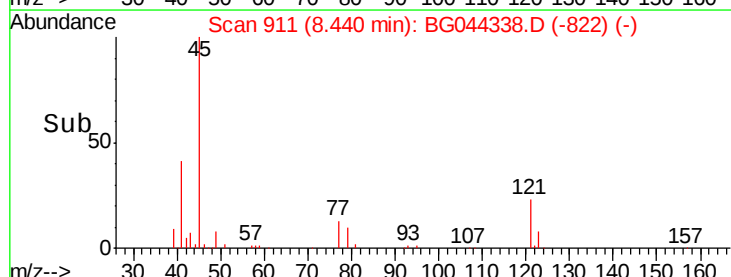
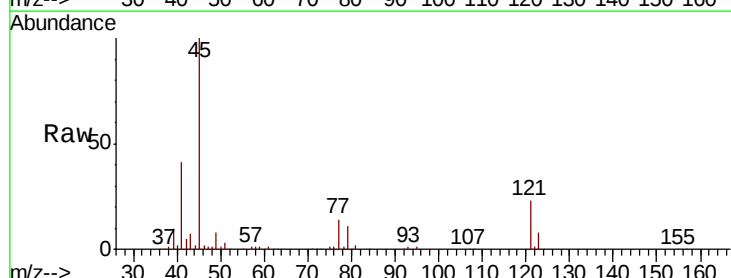
Tgt Ion: 45 Resp: 317844

Ion Ratio Lower Upper

45 100

77 14.3 0.0 35.2

79 11.3 0.0 31.1





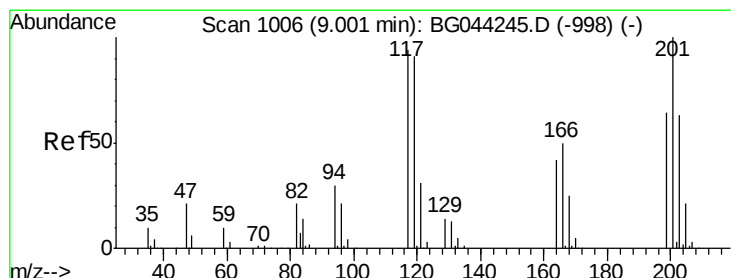
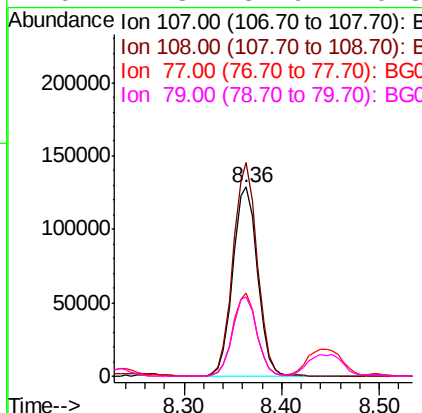
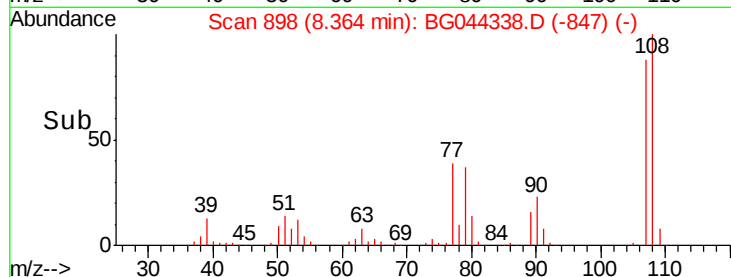
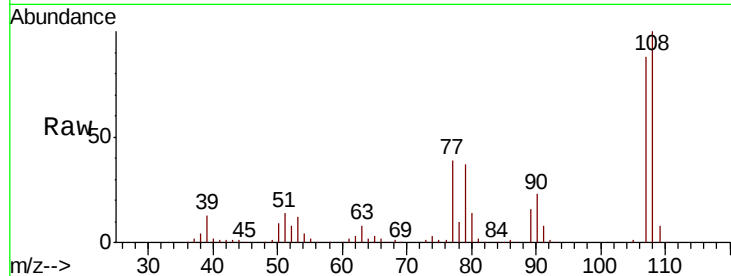
#17
2-Methylphenol
Concen: 54.010 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	225317		
108	113.1	86.4	129.6	
77	44.1	34.0	51.0	
79	42.3	32.9	49.3	

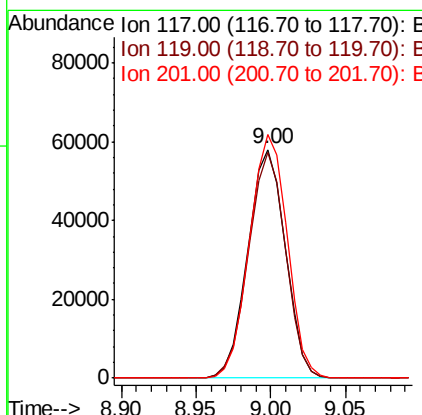
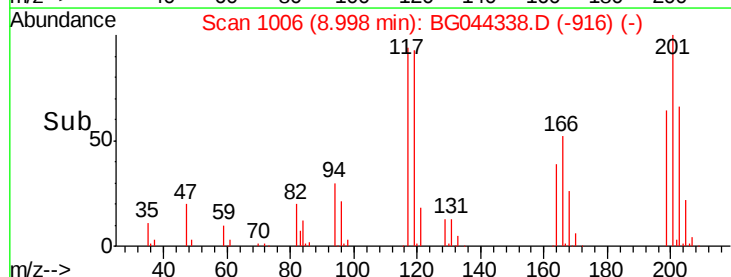
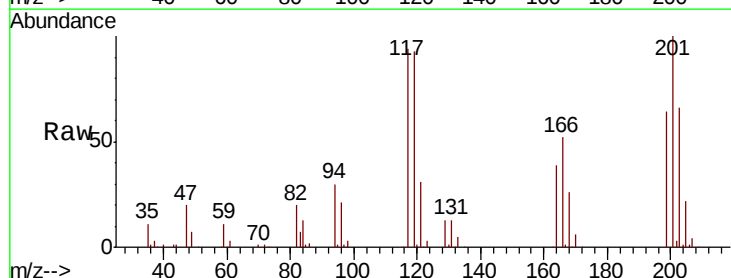
Manual Integrations
APPROVED

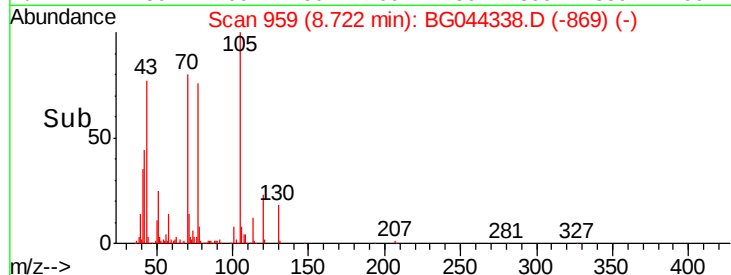
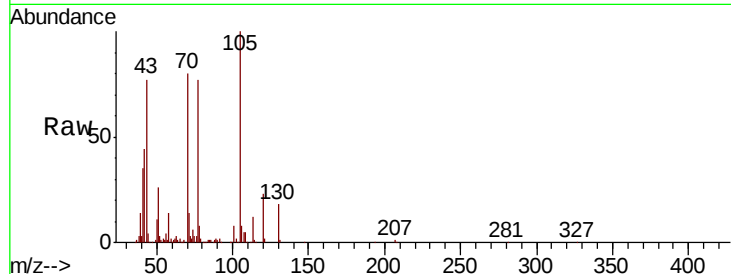
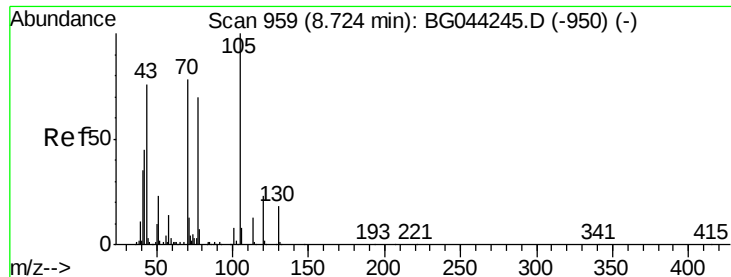
mohammad
2/11/2020 8:25:55 AM



#18
Hexachloroethane
Concen: 46.785 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100388		
119	98.6	77.5	116.3	
201	106.4	84.9	127.3	





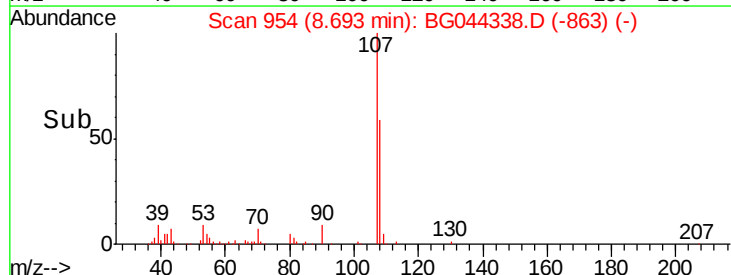
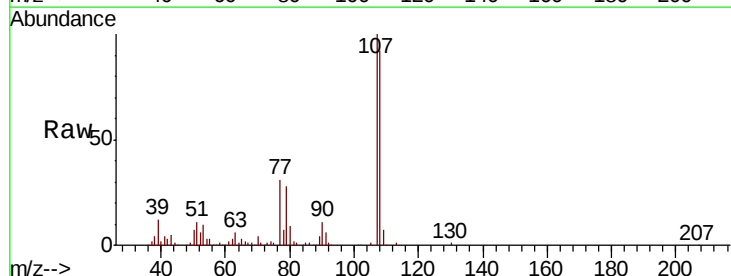
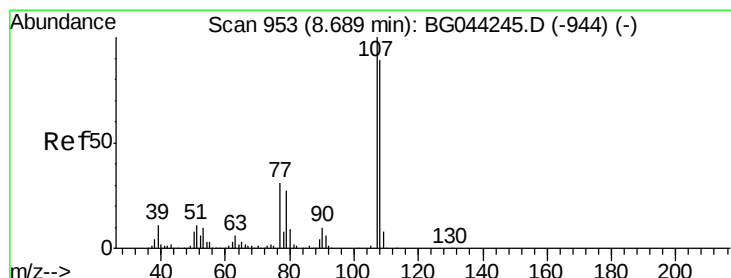
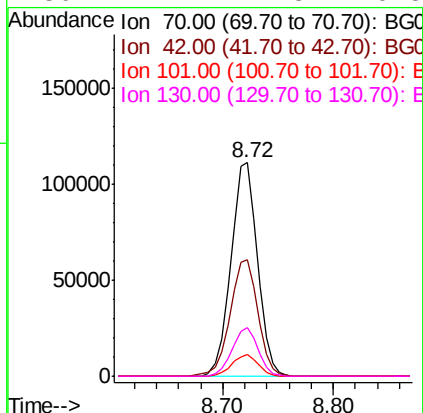
#19
n-Nitroso-di-n-propylamine
Concen: 47.720 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.3	46.2	69.2
101	10.0	8.4	12.6
130	22.7	17.8	26.8

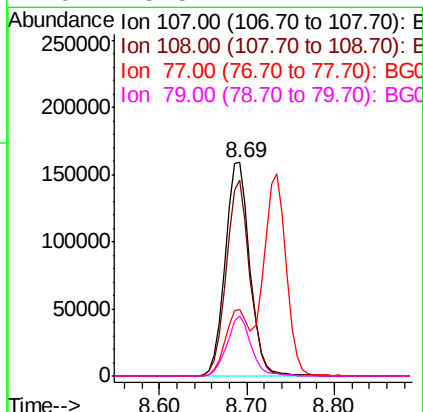
Manual Integrations
APPROVED

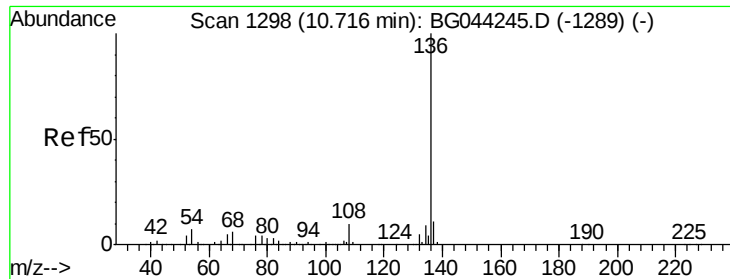
mohammad
2/11/2020 8:25:55 AM



#20
3+4-Methylphenols
Concen: 53.383 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.5	108.5
77	31.3	10.9	50.9
79	28.5	7.1	47.1





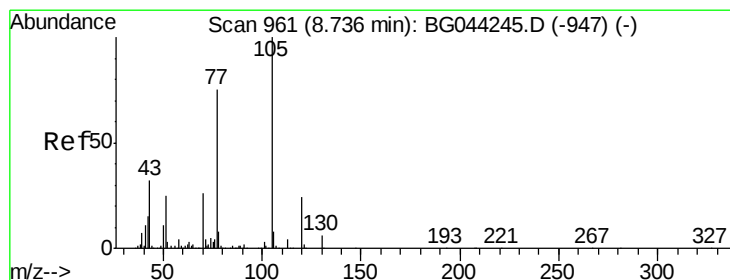
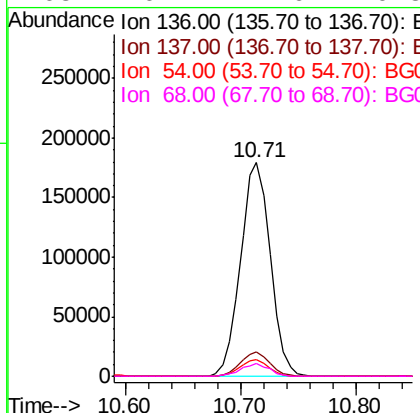
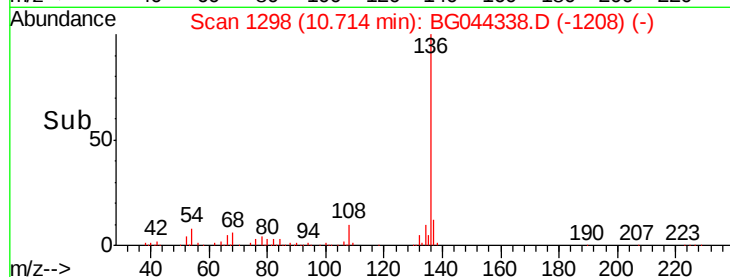
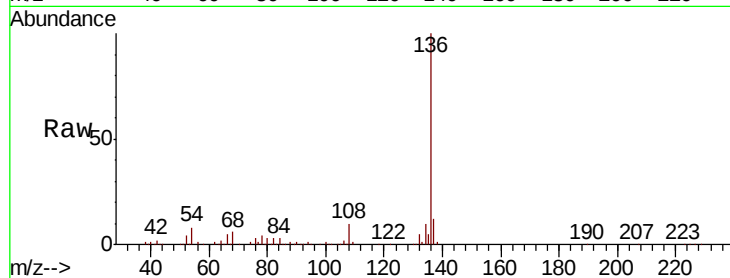
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	320653		
137	11.6		8.8	13.2
54	7.6		5.8	8.8
68	6.1		4.6	6.8

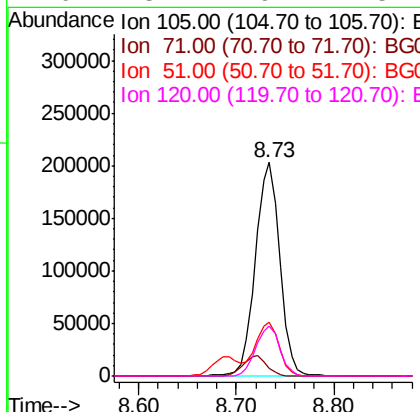
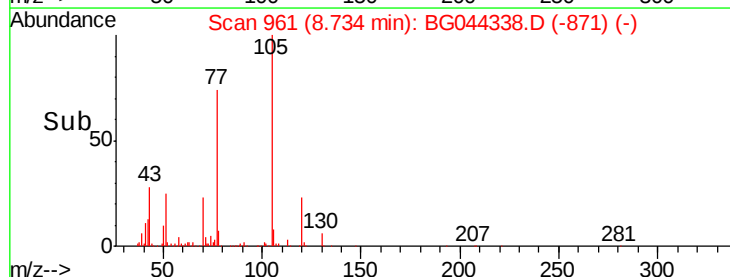
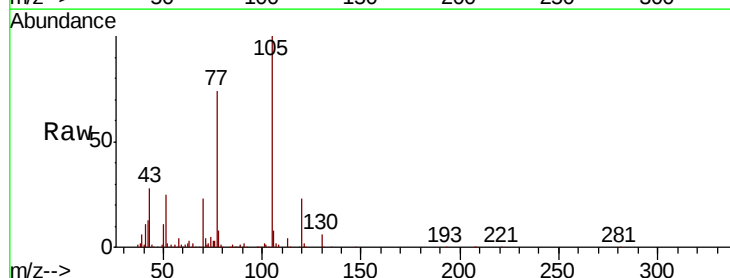
Manual Integrations
APPROVED

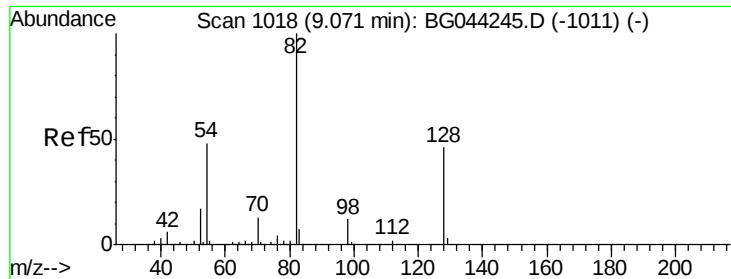
mohammad
2/11/2020 8:25:55 AM



#22
Acetophenone
Concen: 45.592 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	355640		
71	3.8		3.4	5.0
51	25.1		20.2	30.4
120	23.4		19.1	28.7





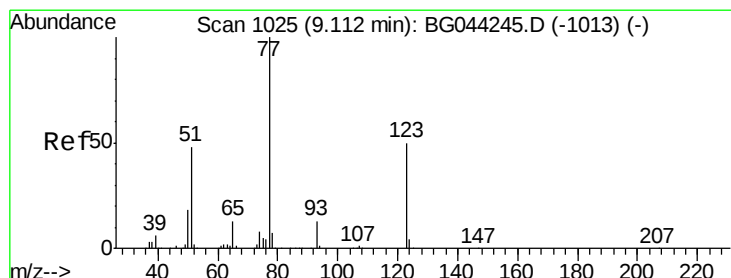
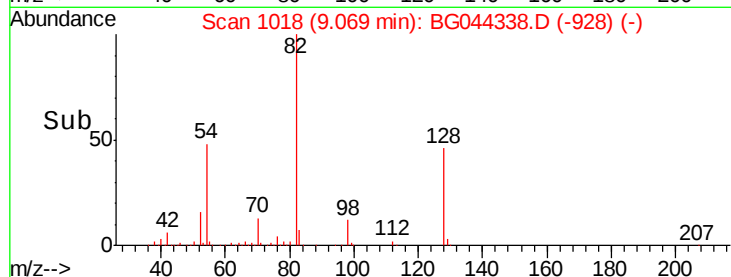
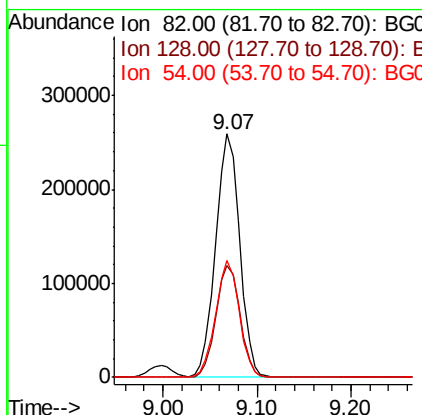
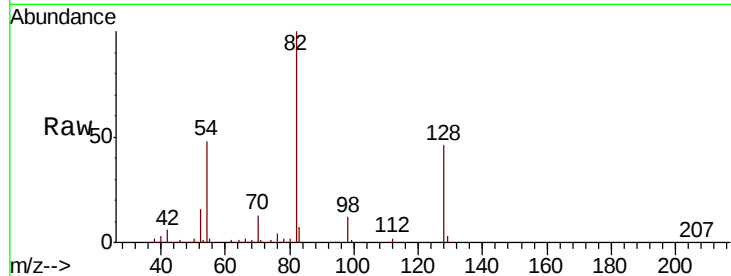
#23
 Nitrobenzene-d5
 Concen: 82.092 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	466258		
128	46.1	36.5	54.7	
54	47.8	38.6	58.0	

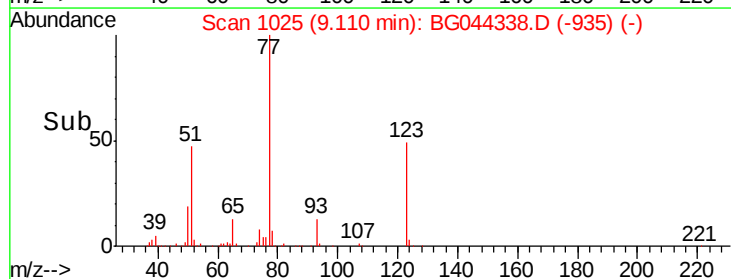
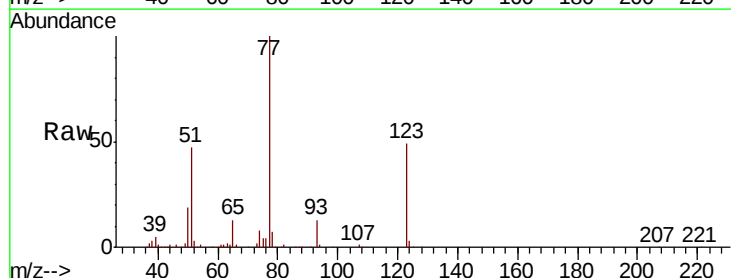
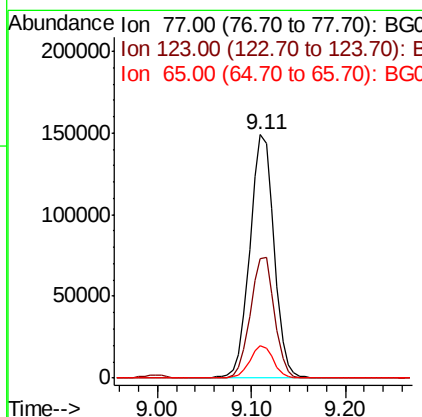
Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:25:55 AM



#24
 Nitrobenzene
 Concen: 48.043 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	266386		
123	48.9	39.9	59.9	
65	13.4	10.4	15.6	





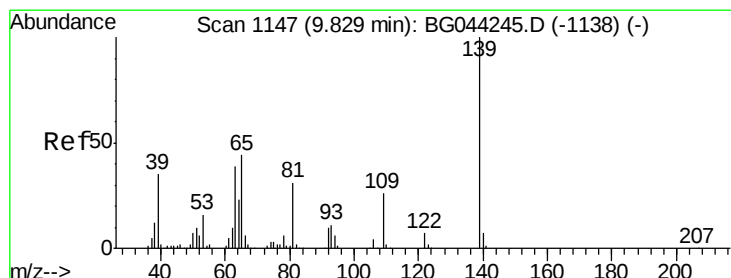
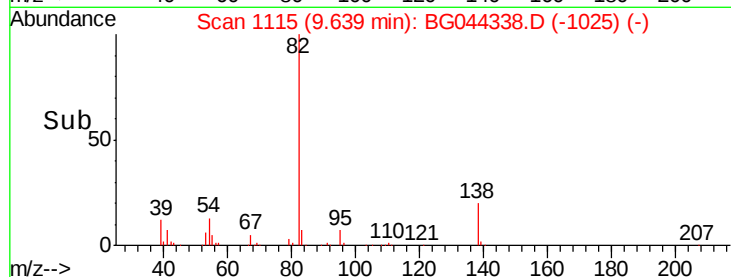
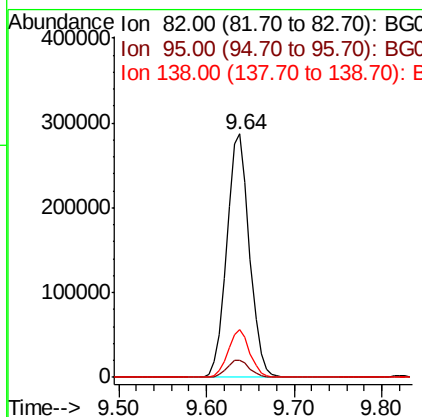
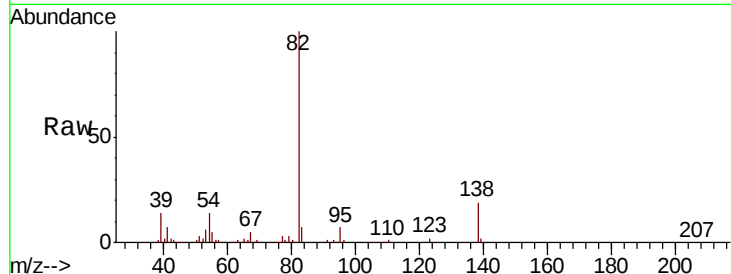
#25
Isophorone
Concen: 47.973 ng
RT: 9.64 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	507855		
95	7.2		5.7	8.5
138	19.4		15.0	22.4

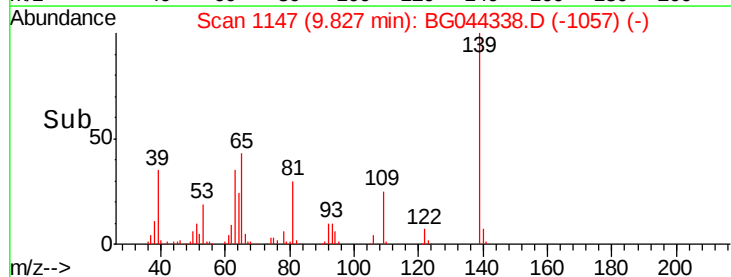
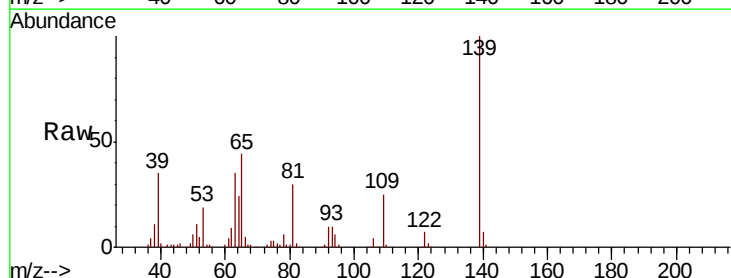
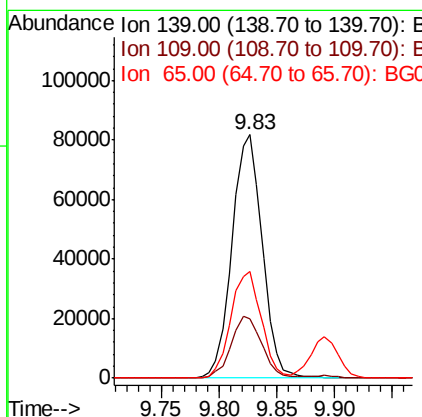
Manual Integrations
APPROVED

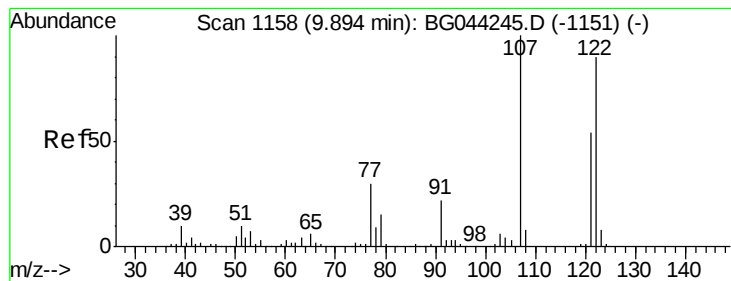
mohammad
2/11/2020 8:25:55 AM



#26
2-Nitrophenol
Concen: 51.444 ng
RT: 9.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	148010		
109	24.5		21.0	31.4
65	43.7		35.0	52.4





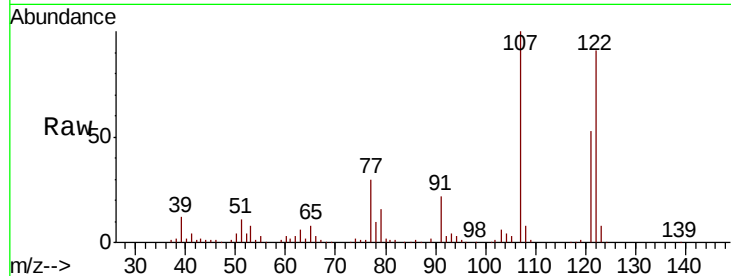
#27
2,4-Dimethylphenol
Concen: 62.031 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		251928		
107	109.3	88.8	133.2		
121	58.4	48.3	72.5		

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM

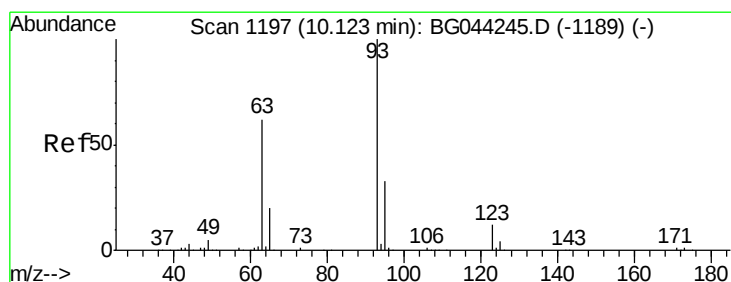
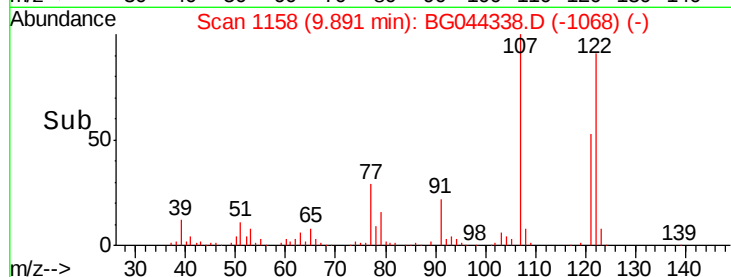
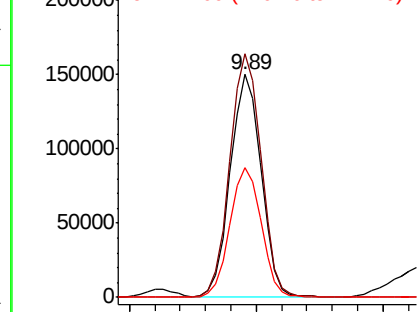


Abundance

Ion 122.00 (121.70 to 122.70): E

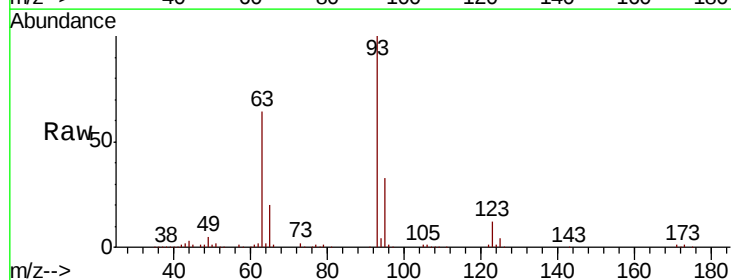
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 46.507 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		328435		
95	33.3	26.6	40.0		
123	11.9	10.0	15.0		

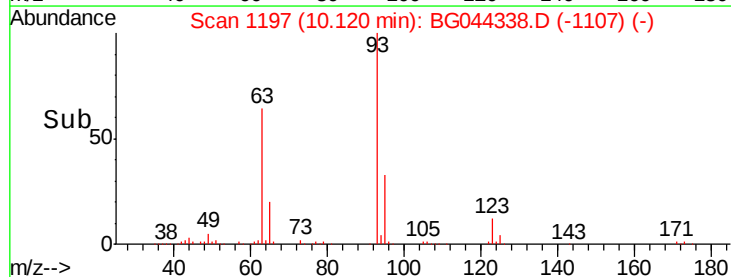
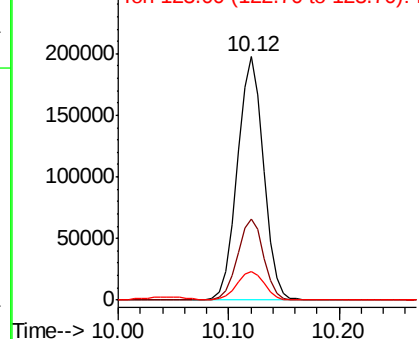


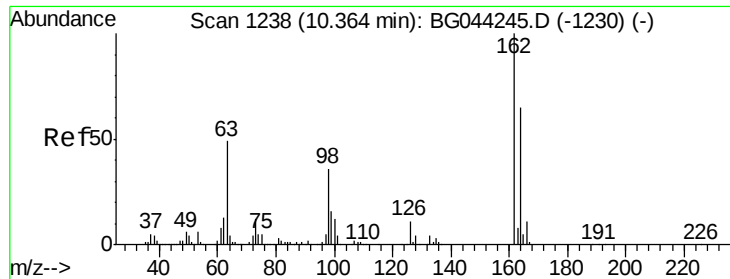
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





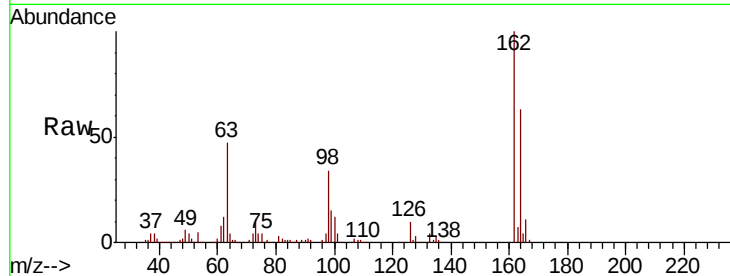
#29
2,4-Dichlorophenol
Concen: 52.792 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	259256		
164	63.2	44.7	84.7	
98	33.9	15.8	55.8	

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM

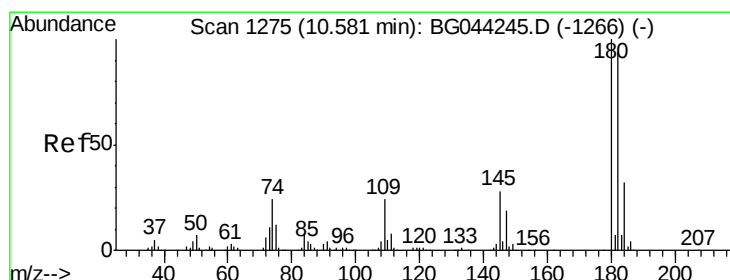
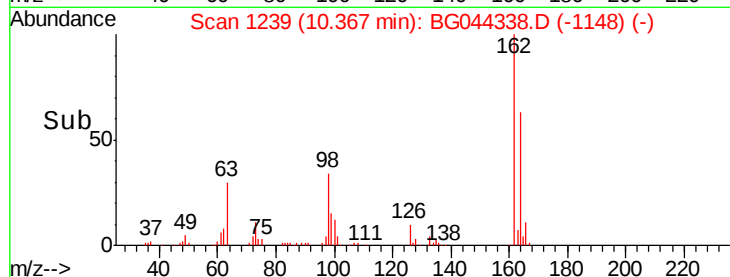
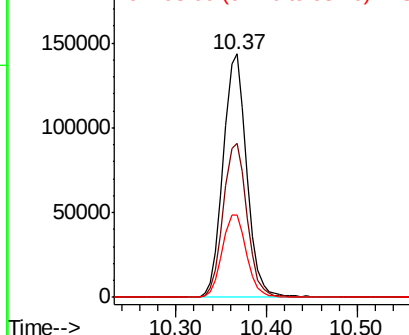


Abundance

Ion 162.00 (161.70 to 162.70): E

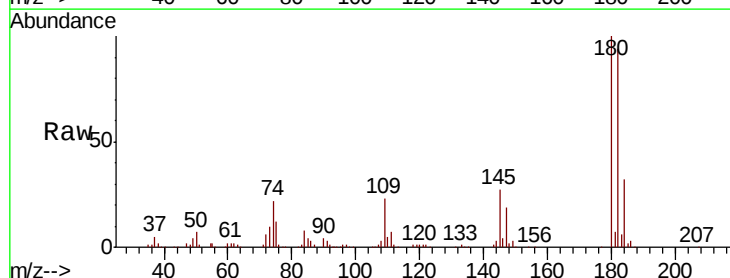
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 46.685 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	262882		
182	93.6	75.5	113.3	
145	27.5	22.6	34.0	

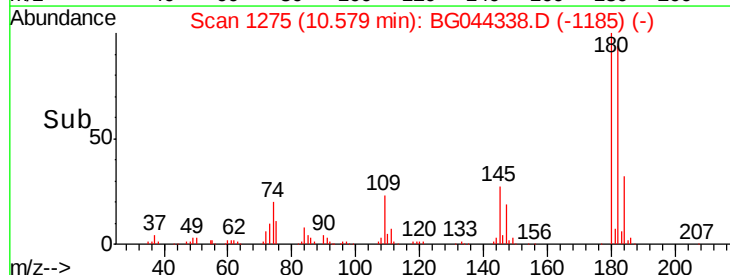
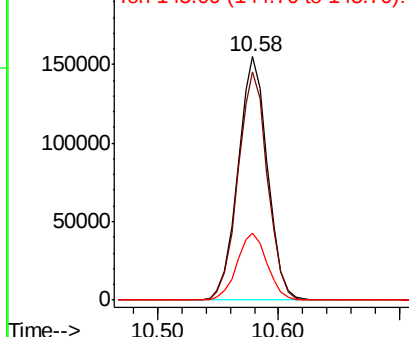


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





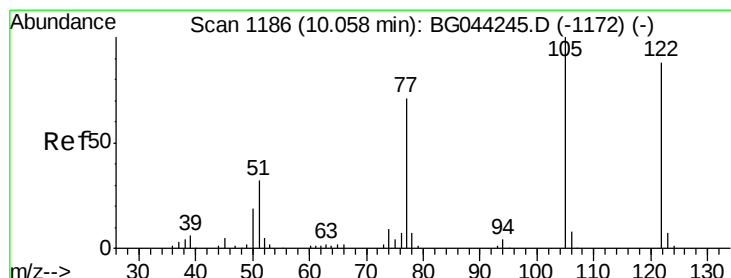
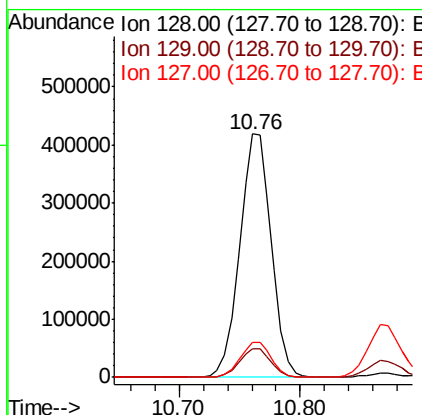
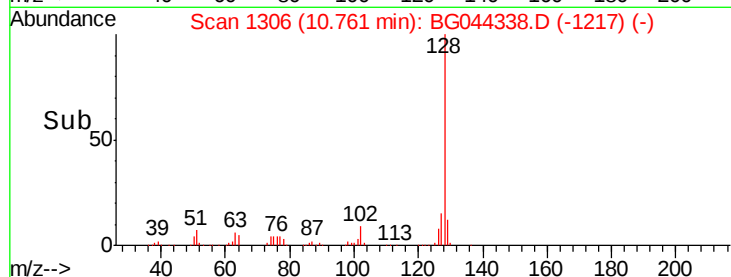
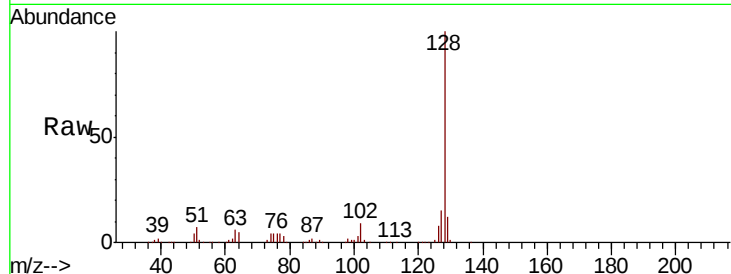
#31
Naphthalene
Concen: 48.746 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	14.6	11.6	17.4

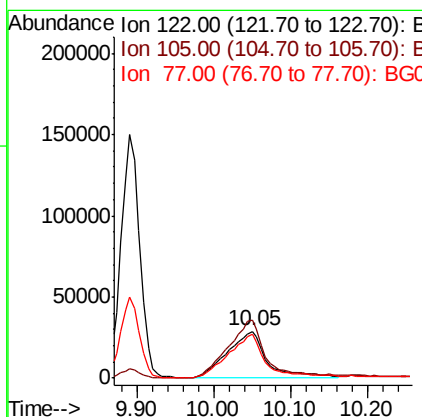
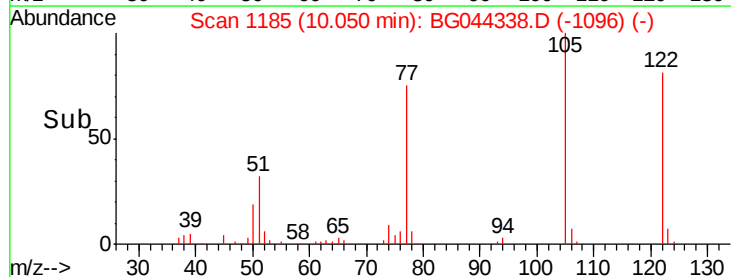
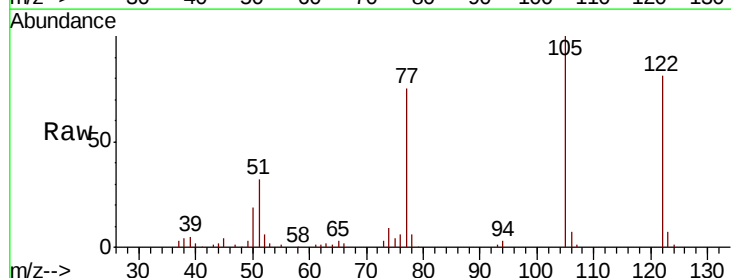
Manual Integrations
APPROVED

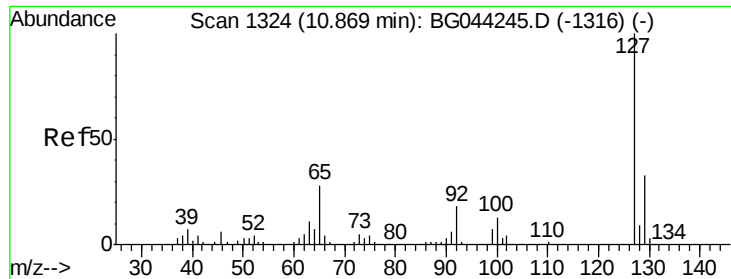
mohammad
2/11/2020 8:25:55 AM



#32
Benzoic acid
Concen: 40.751 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	93.5	133.5
77	92.3	61.0	101.0





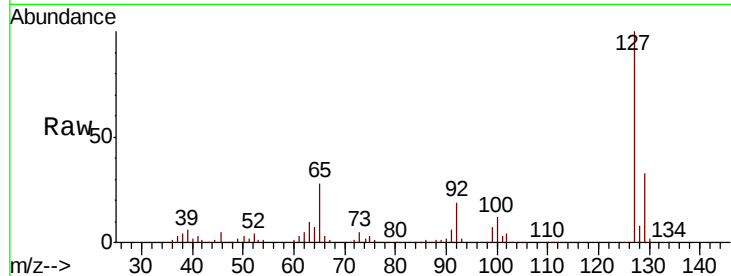
#33
 4-Chloroaniline
 Concen: 25.262 ng
 RT: 10.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 PB126671BS

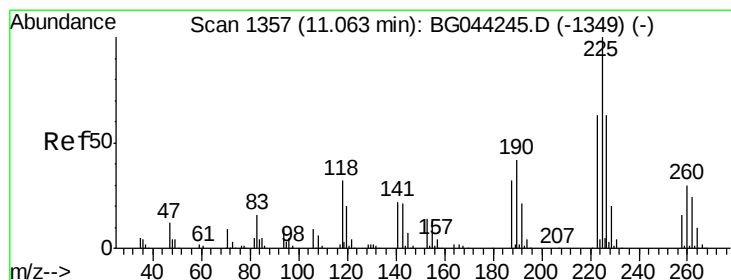
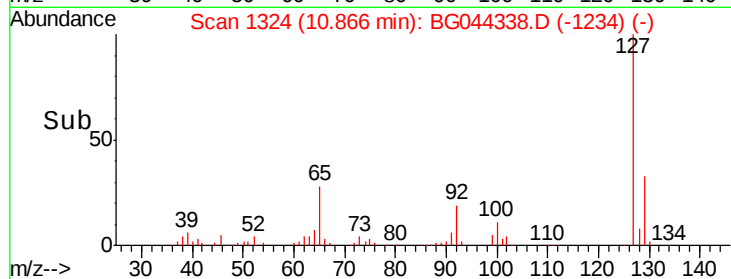
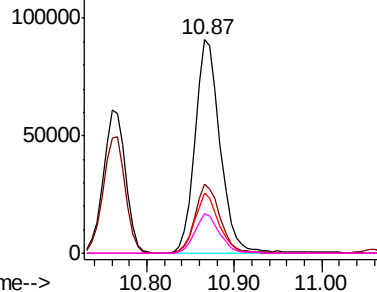
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		178740		
129	32.6	26.6	40.0		
65	28.3	22.5	33.7		
92	18.7	14.1	21.1		

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:25:55 AM

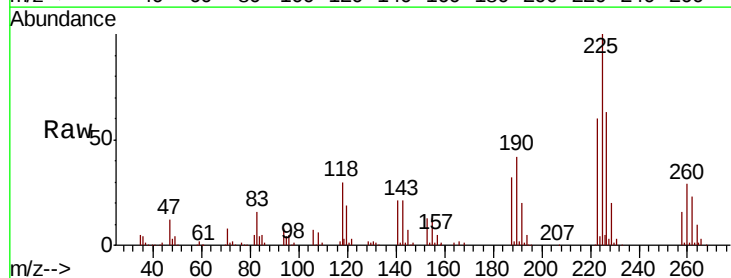


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

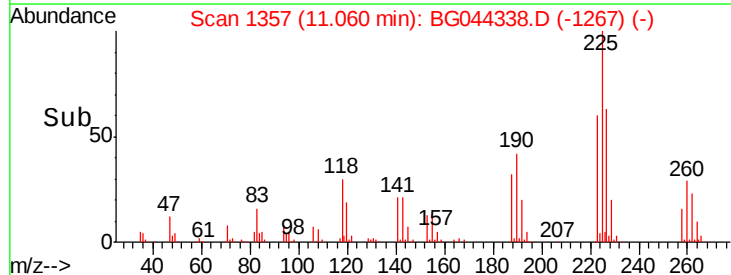
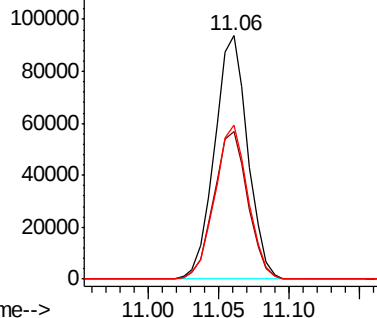


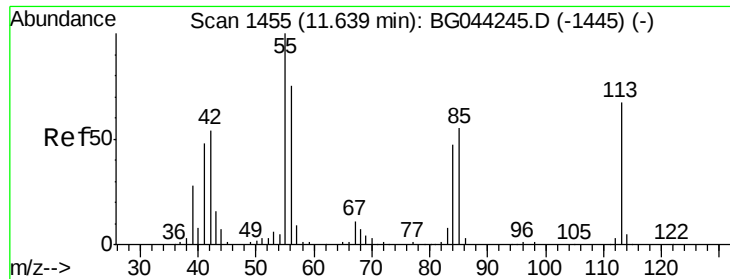
#34
 Hexachlorobutadiene
 Concen: 44.482 ng
 RT: 11.06 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		154125		
223	60.4	50.2	75.4		
227	63.1	50.8	76.2		



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





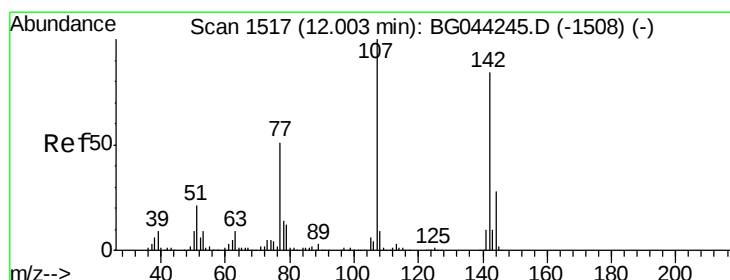
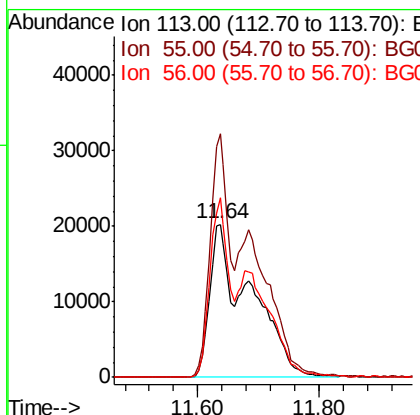
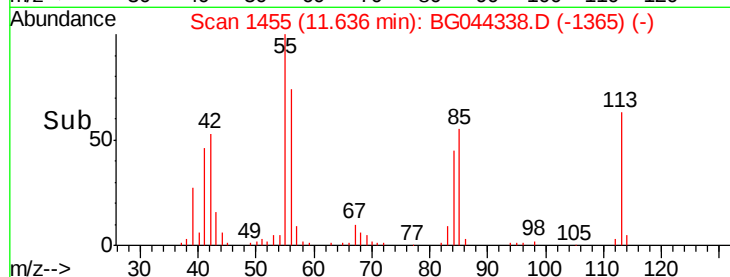
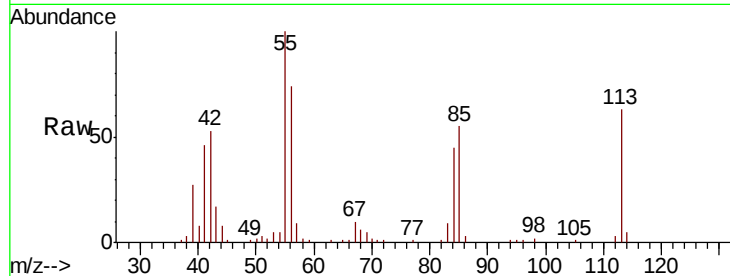
#35
 Caprolactam
 Concen: 51.906 ng/ml
 RT: 11.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BS

Tot Ion: 113 Resp: 93375
 Ion Ratio Lower Upper
 113 100
 55 159.4 129.9 169.9
 56 118.0 92.5 132.5

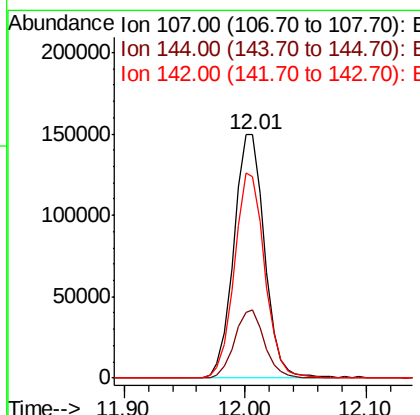
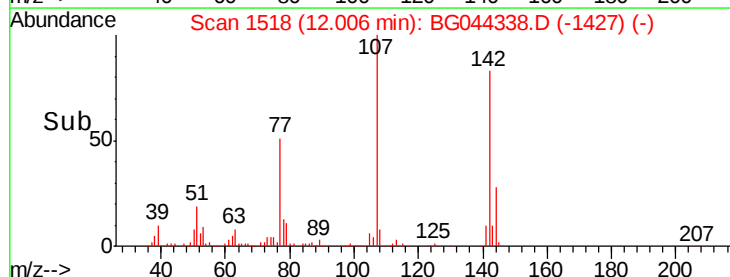
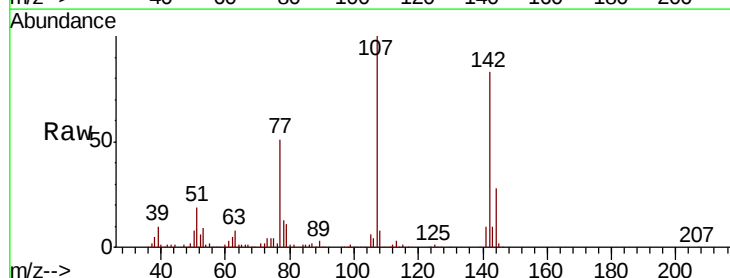
Manual Integrations
 APPROVED

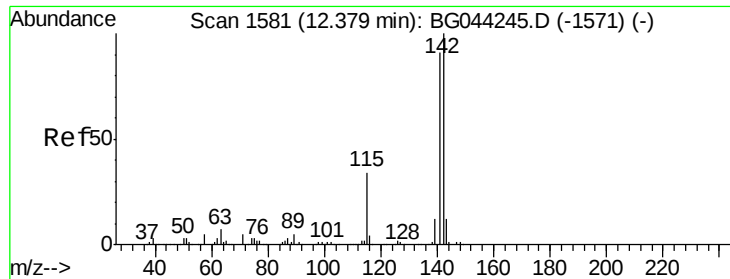
mohammad
 2/11/2020 8:25:55 AM



#36
 4-Chloro-3-methylphenol
 Concen: 51.698 ng/ml
 RT: 12.01 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Tgt Ion: 107 Resp: 266184
 Ion Ratio Lower Upper
 107 100
 144 27.8 22.2 33.4
 142 82.8 67.4 101.0





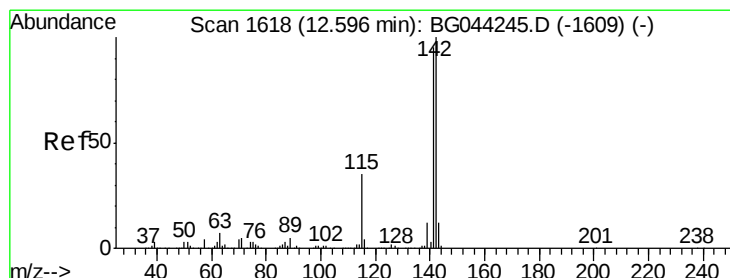
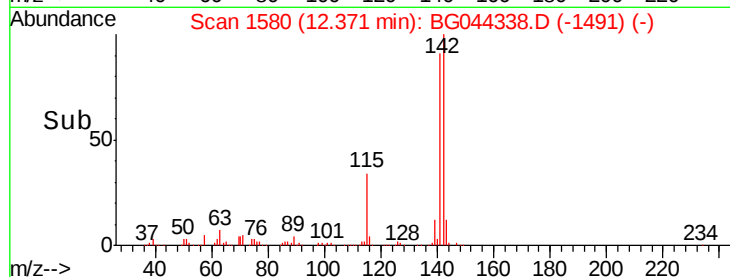
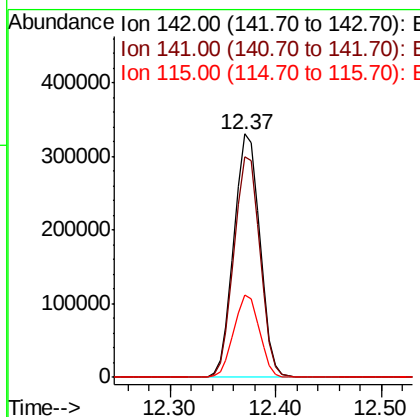
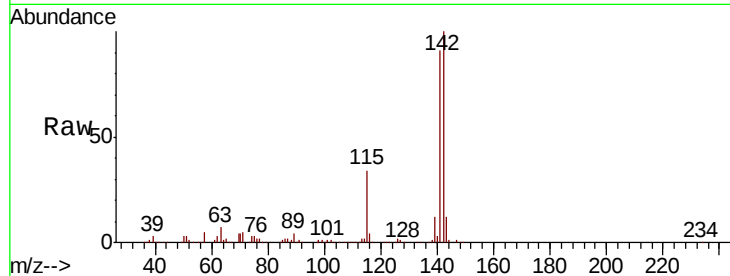
#37
 2-Methylnaphthalene
 Concen: 48.625 ng
 RT: 12.37 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.2	109.8
115	33.9	27.1	40.7

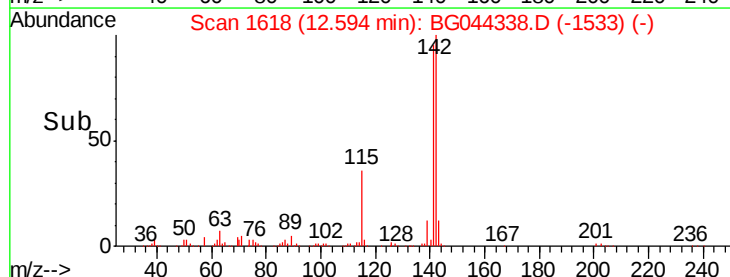
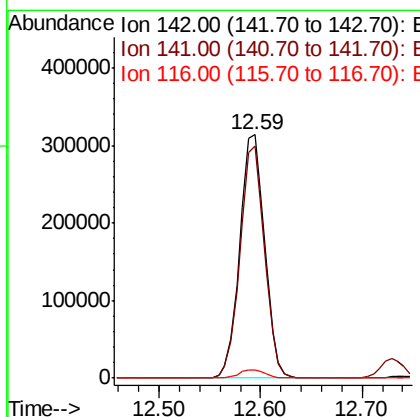
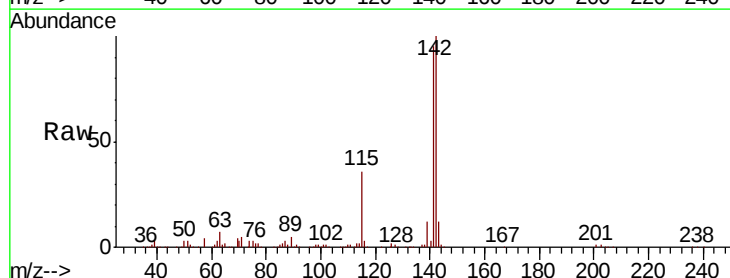
Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:25:55 AM



#38
 1-Methylnaphthalene
 Concen: 49.032 ng
 RT: 12.59 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	75.8	113.6
116	3.4	3.1	4.7





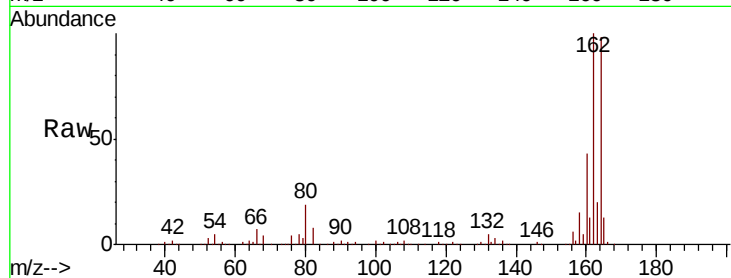
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	80.7	121.1	
160	43.9	35.3	52.9	

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM

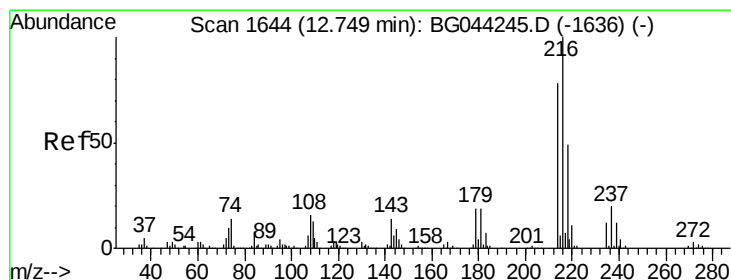
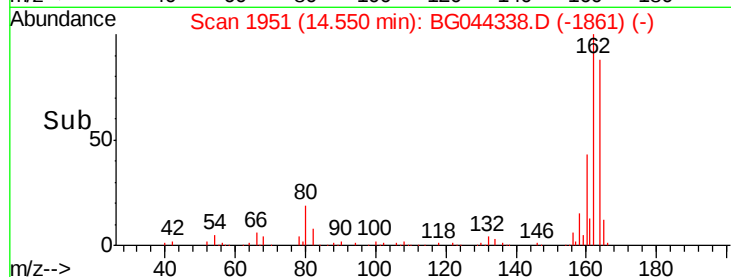
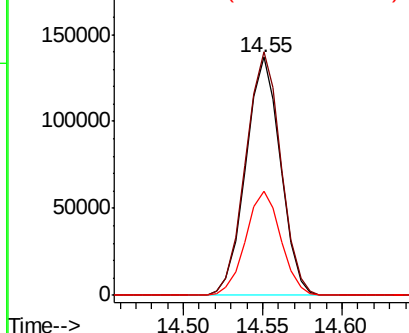


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.119 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.0	94.6	
179	20.5	16.2	24.4	
108	19.2	13.5	20.3	

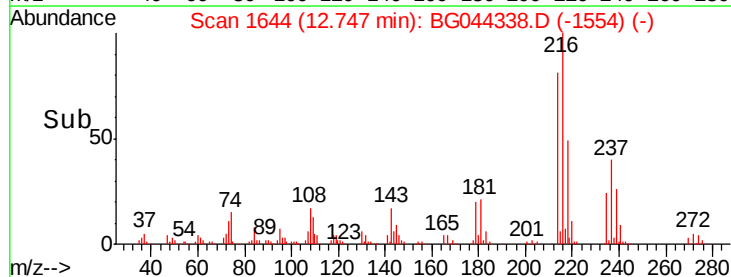
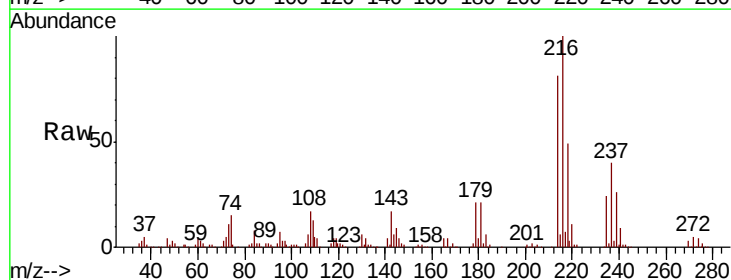
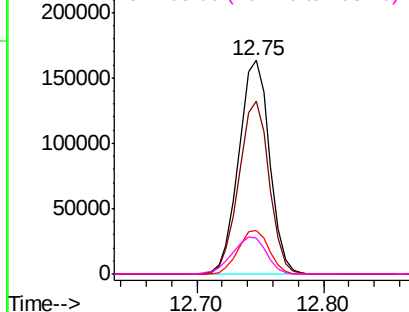
Abundance

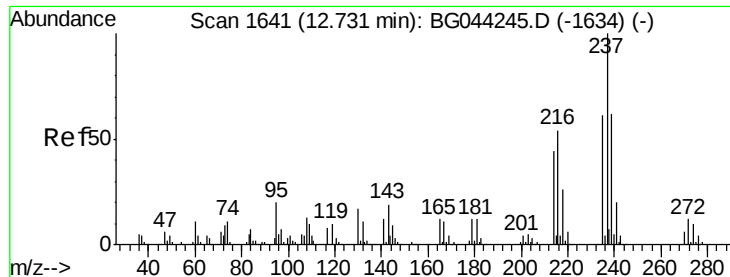
Ion 216.00 (215.70 to 216.70): E

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: 119.195 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

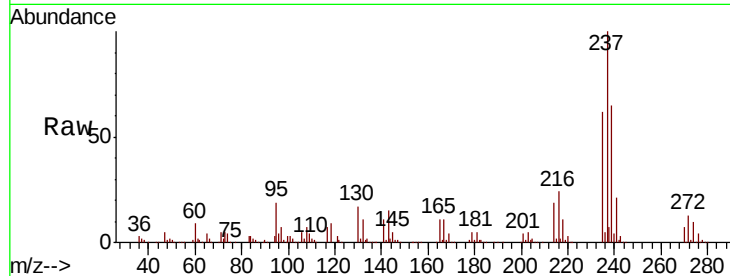
ClientSampleId :

PB126671BS

Tot Ion:	237	Resp:	356342
Ion Ratio	Lower	Upper	
237	100		
235	61.8	41.2	81.2
272	13.1	0.0	32.4

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM

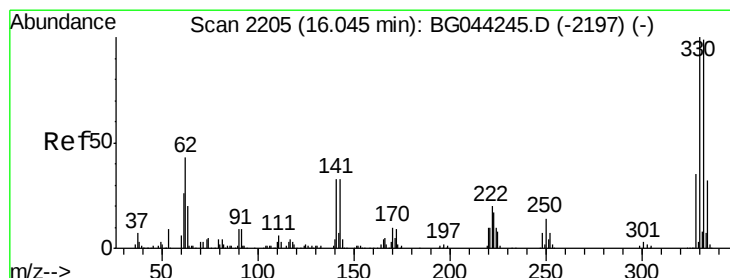
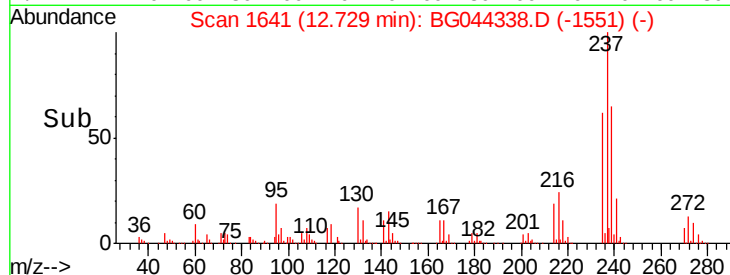
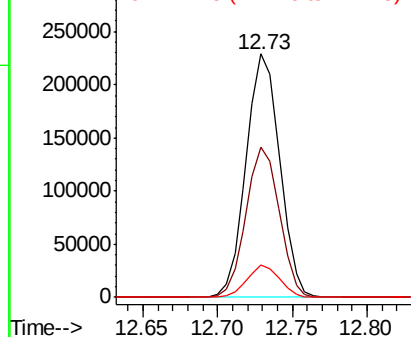


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 90.516 ng

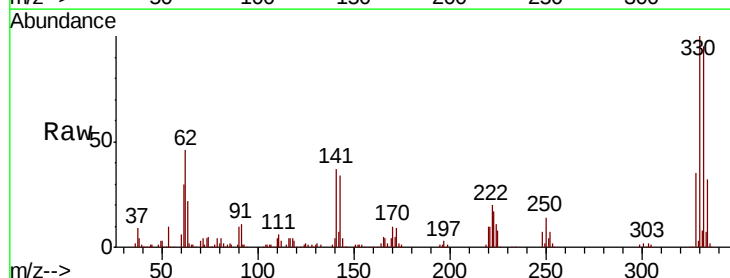
RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Tgt Ion:	330	Resp:	221326
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.2	115.8
141	35.1	28.3	42.5

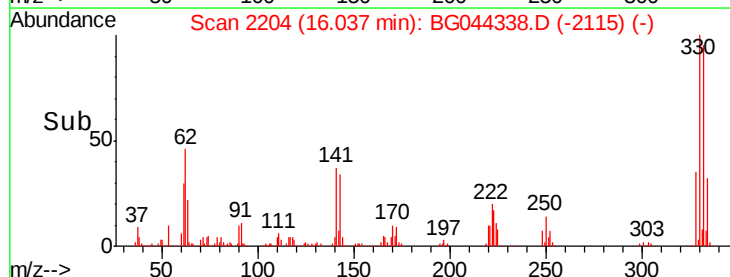
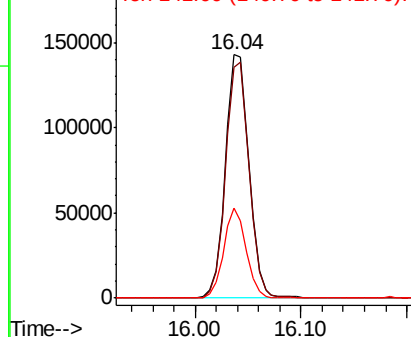


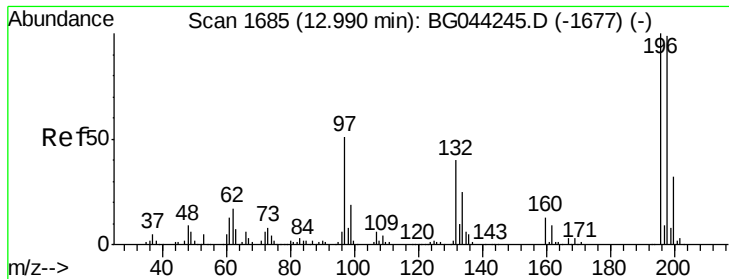
Abundance

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





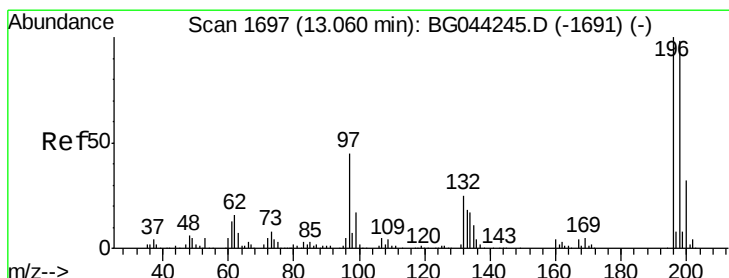
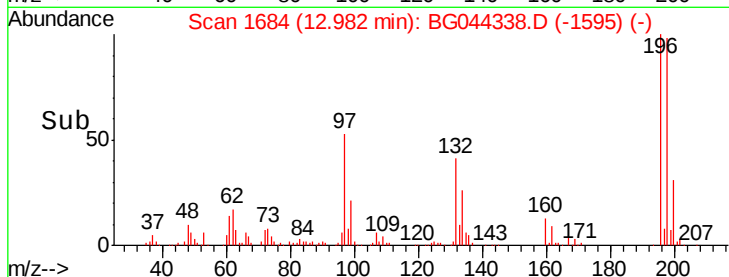
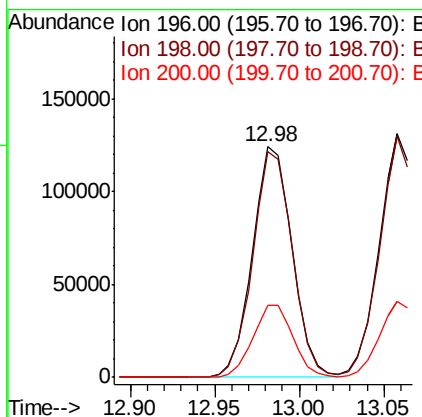
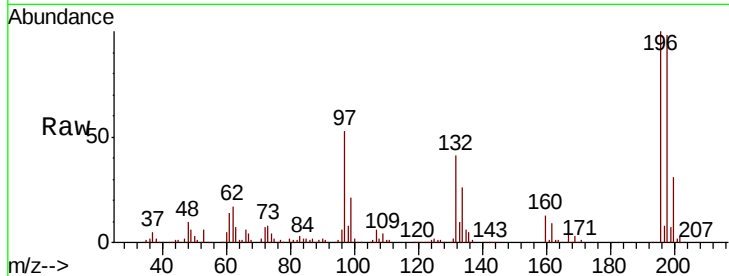
#43
 2,4,6-Trichlorophenol
 Concen: 50.356 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202797		
198	98.0	79.3	118.9	
200	31.3	25.7	38.5	

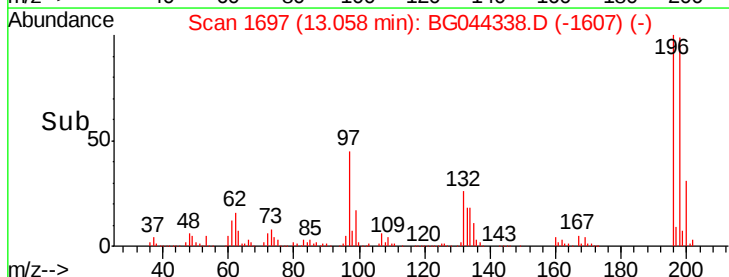
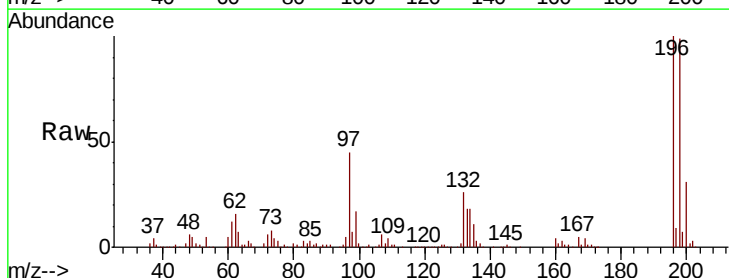
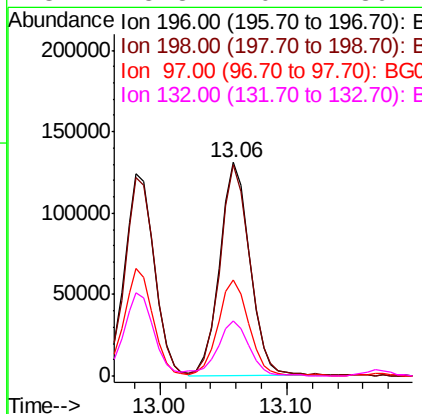
Manual Integrations
 APPROVED

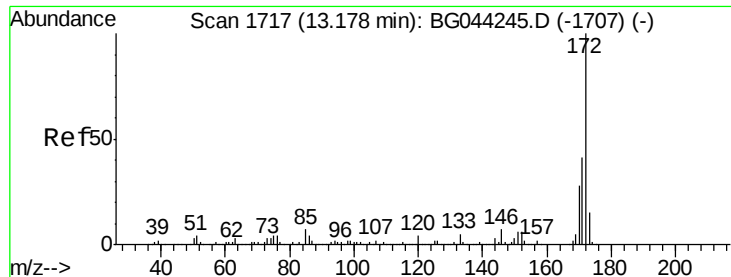
mohammad
 2/11/2020 8:25:55 AM



#44
 2,4,5-Trichlorophenol
 Concen: 52.457 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	215777		
198	99.1	78.2	117.2	
97	44.7	36.2	54.4	
132	25.8	20.2	30.4	





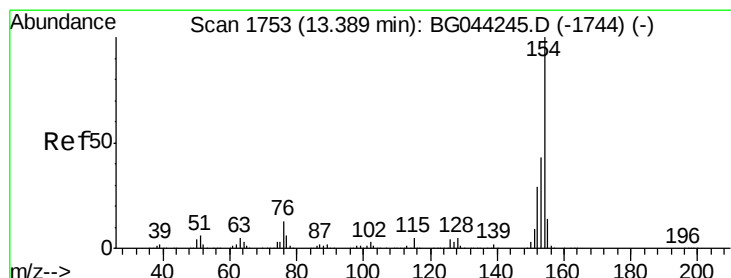
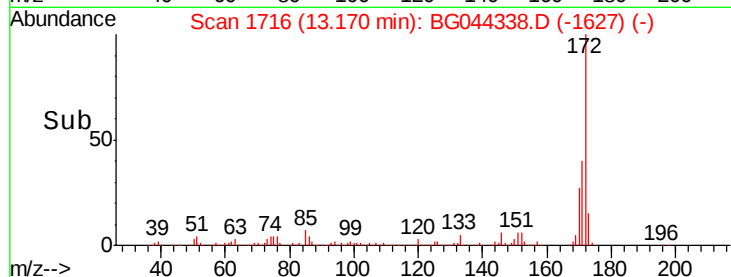
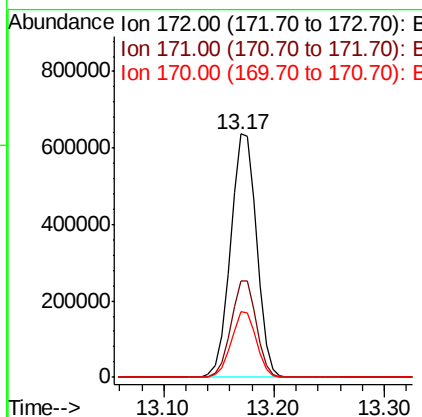
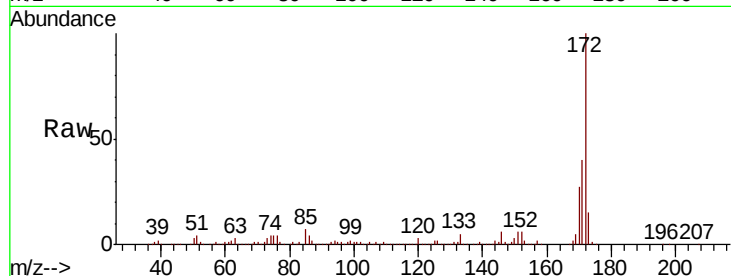
#45
2-Fluorobiphenyl
Concen: 84.524 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	32.9	49.3
170	26.8	22.0	33.0

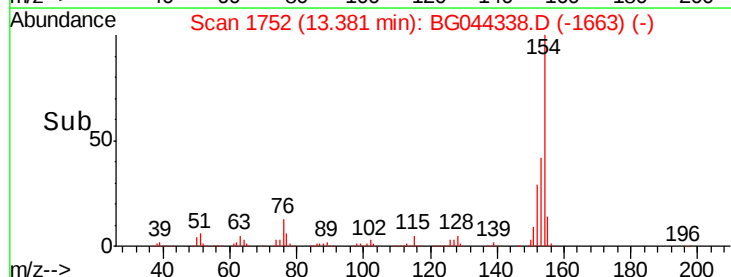
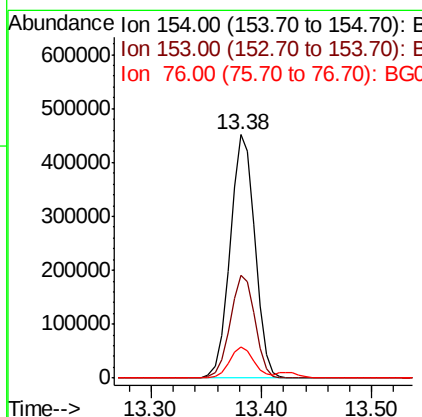
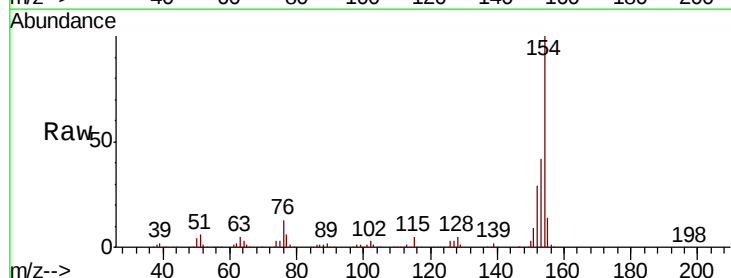
Manual Integrations
APPROVED

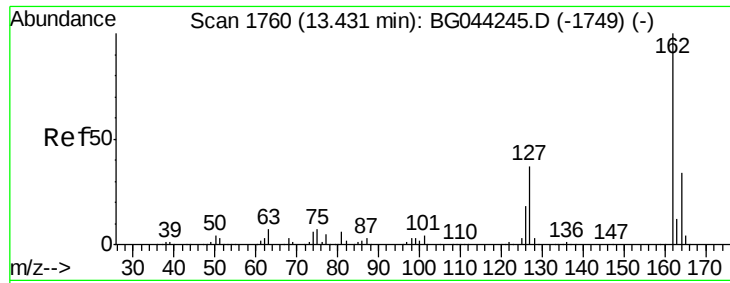
mohammad
2/11/2020 8:25:55 AM



#46
1,1'-Biphenyl
Concen: 47.156 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.7	62.7
76	12.7	0.0	32.9





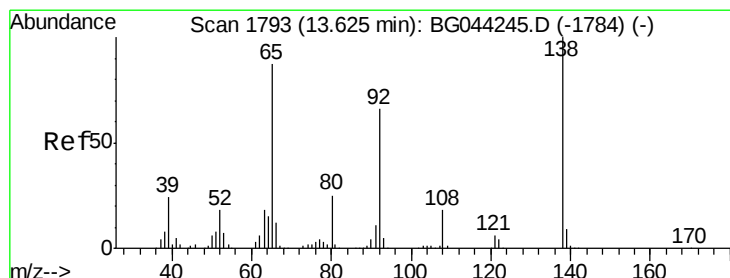
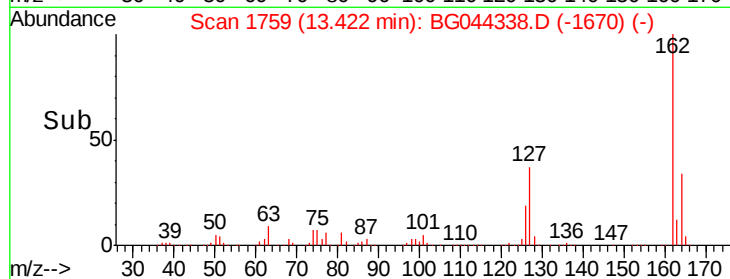
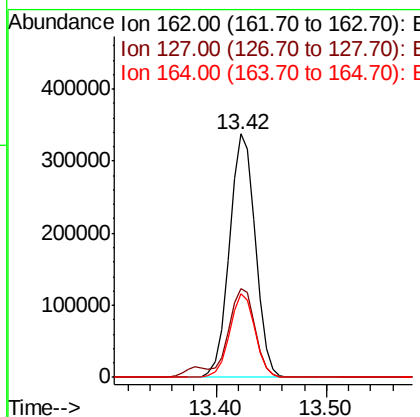
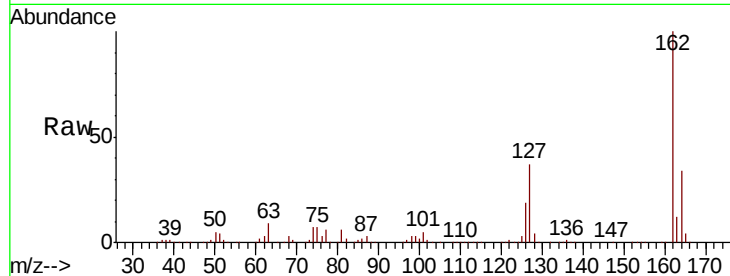
#47
 2-Chloronaphthalene
 Concen: 46.265 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.5	30.0	45.0
164	34.3	27.2	40.8

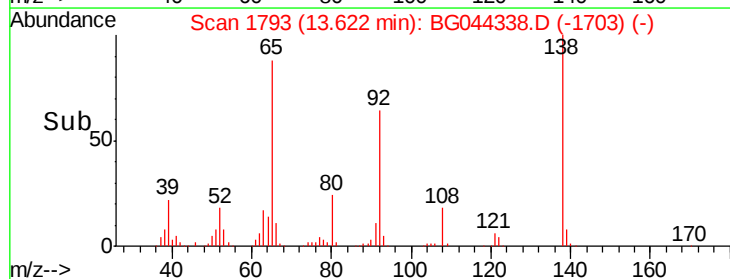
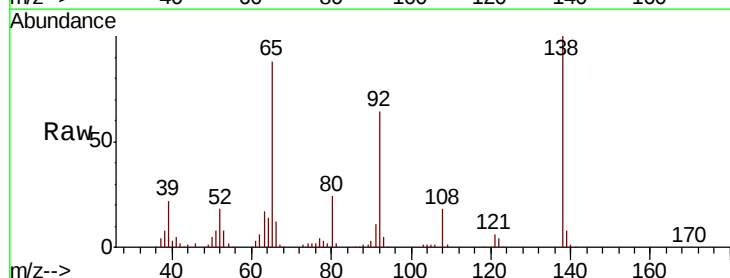
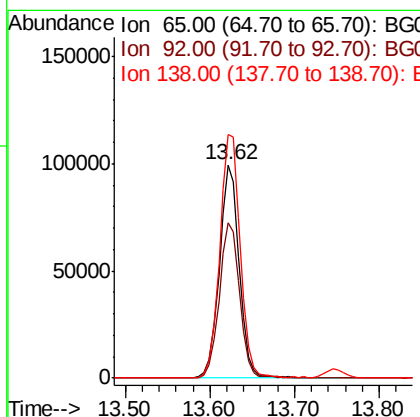
Manual Integrations
 APPROVED

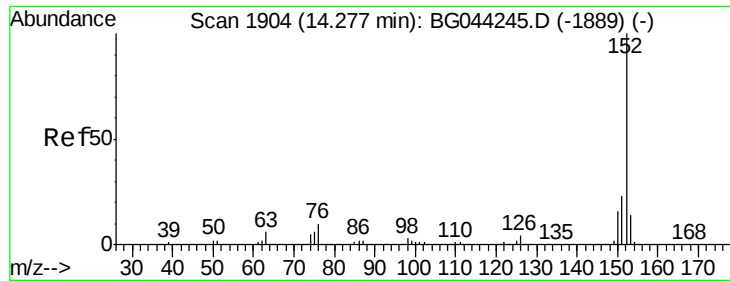
mohammad
 2/11/2020 8:25:55 AM



#48
 2-Nitroaniline
 Concen: 45.912 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	60.3	90.5
138	114.2	91.9	137.9





#49

Acenaphthylene

Concen: 49.768 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

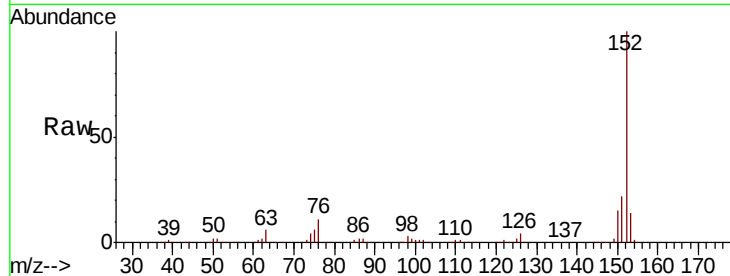
ClientSampleId :

PB126671BS

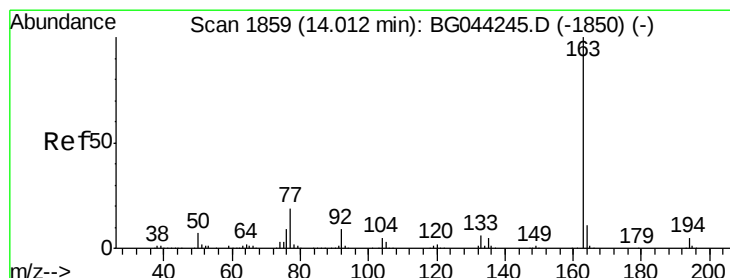
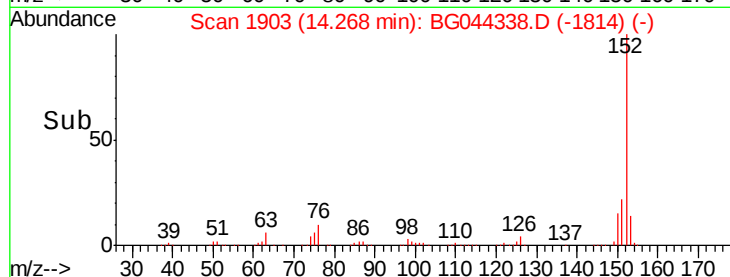
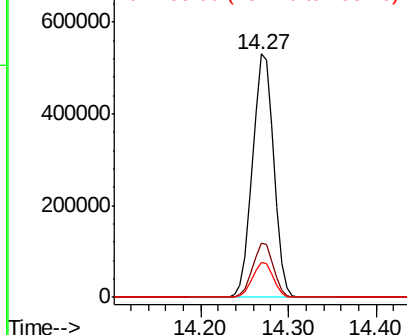
Tot Ion:	152	Resp:	872688
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.1	27.1
153	14.4	11.5	17.3

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.389 ng

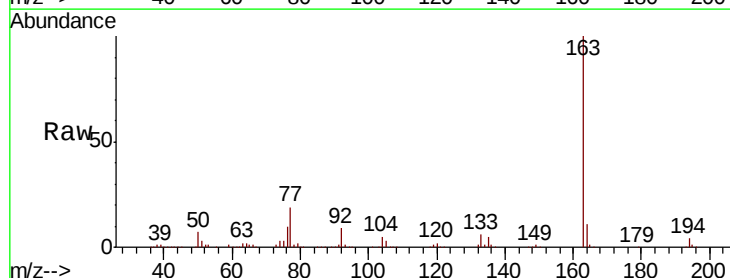
RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

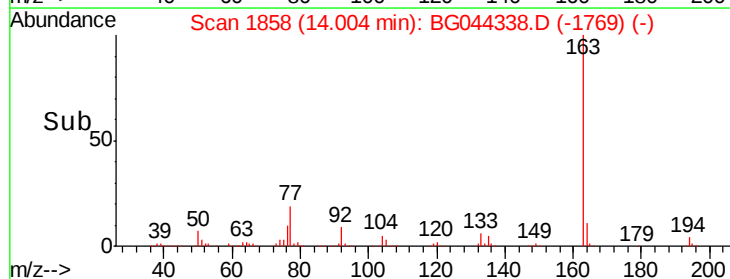
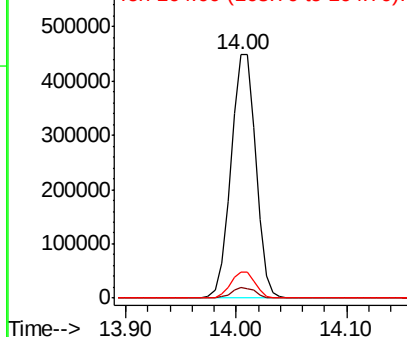
Lab File: BG044338.D

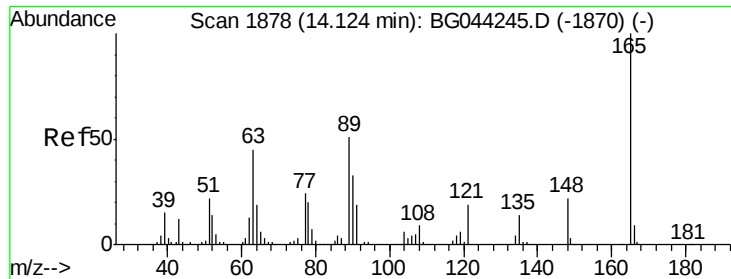
Acq: 7 Feb 2020 15:39

Tgt Ion:	163	Resp:	709514
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.9	8.7	13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.058 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

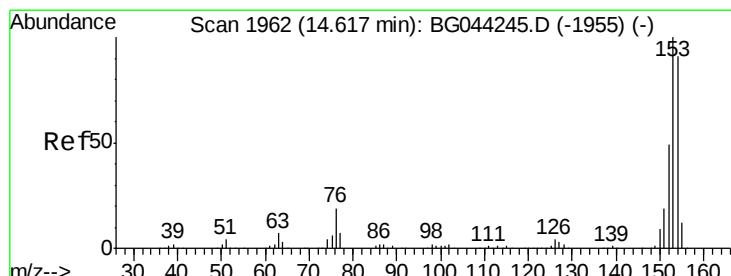
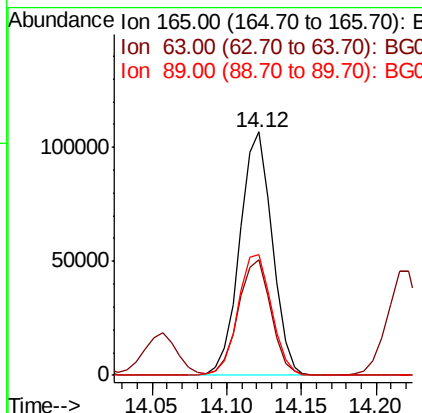
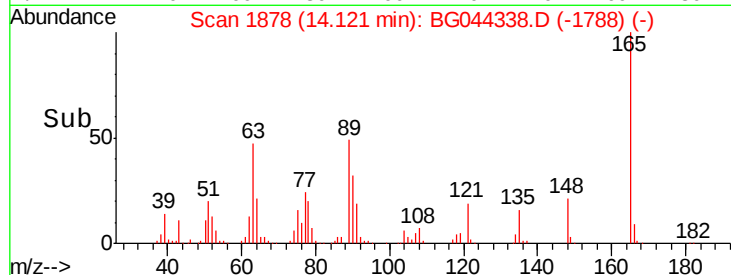
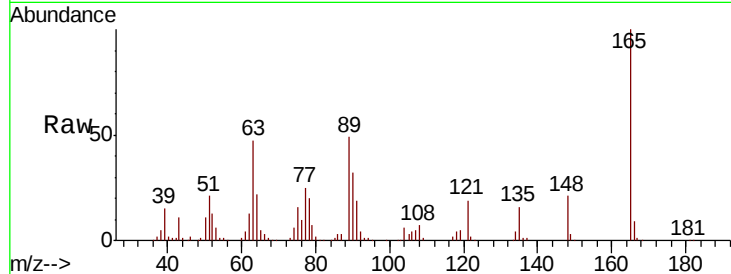
ClientSampleId :

PB126671BS

Tot Ion:	165	Resp:	160431
Ion Ratio	Lower	Upper	
165	100		
63	47.4	38.7	58.1
89	49.4	40.4	60.6

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



#52

Acenaphthene

Concen: 47.834 ng

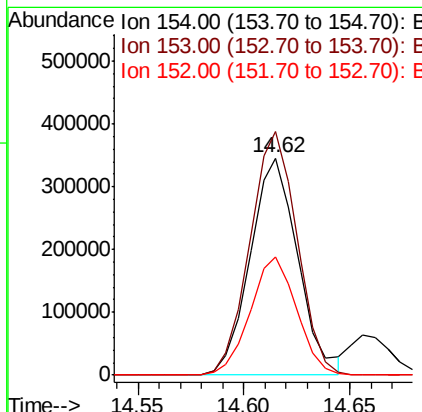
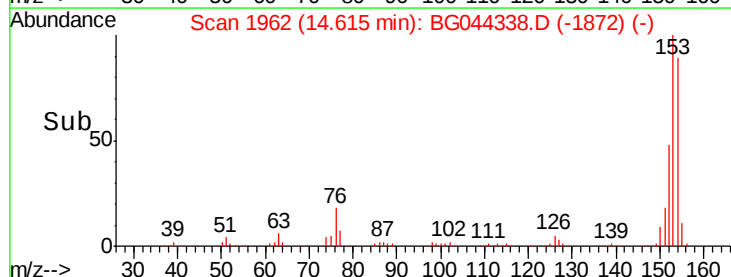
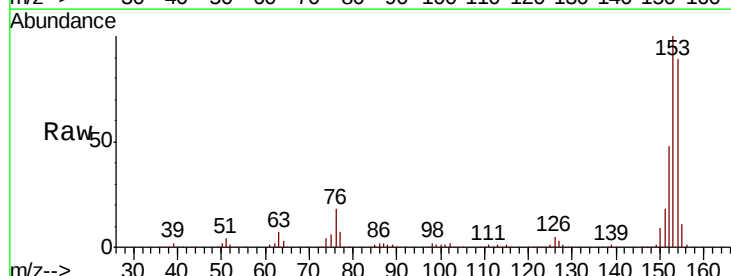
RT: 14.62 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Tgt Ion:	154	Resp:	543667
Ion Ratio	Lower	Upper	
154	100		
153	112.0	87.9	131.9
152	54.3	43.1	64.7





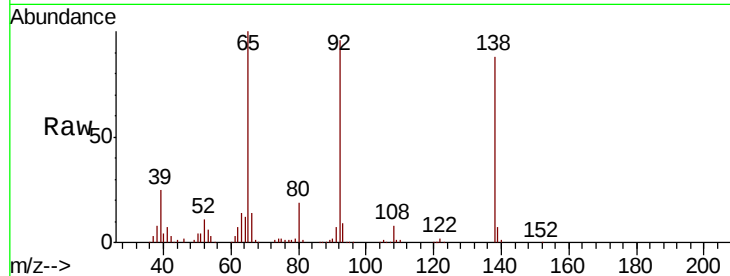
#53
3-Nitroaniline
Concen: 28.854 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	106566		
108	9.2	7.9	11.9	
92	108.5	91.0	136.4	

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM

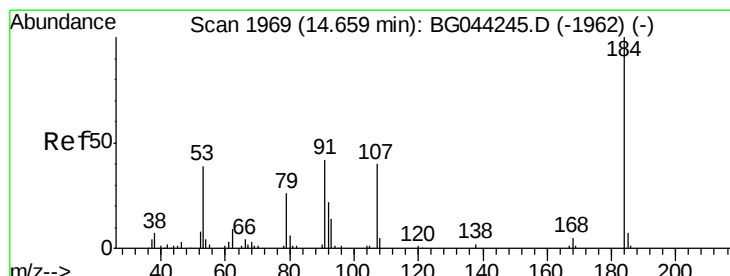
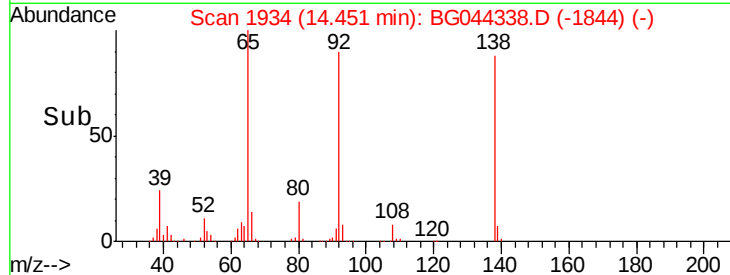
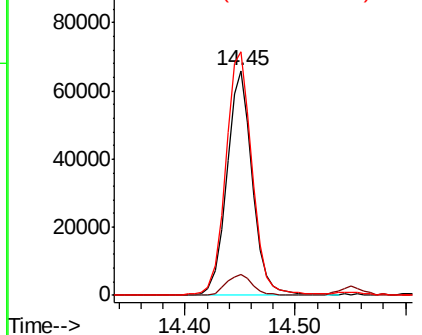


Abundance

Ion 138.00 (137.70 to 138.70): E

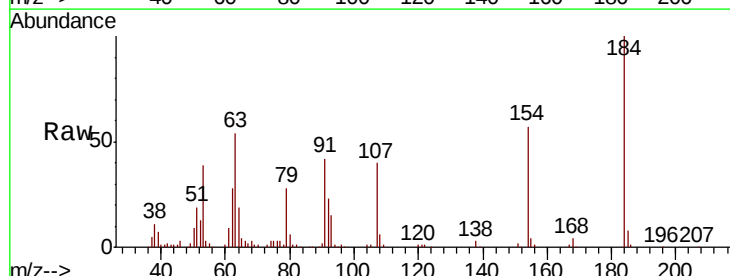
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 91.160 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	182648		
63	54.1	44.1	66.1	
154	57.2	45.4	68.0	

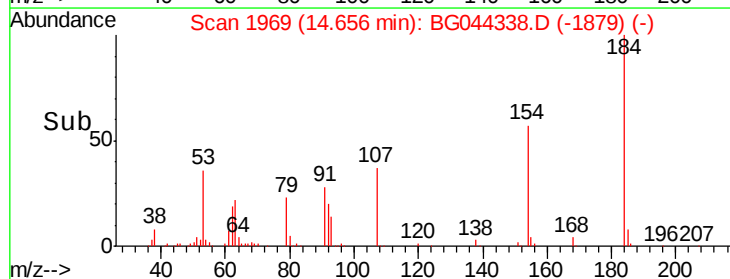
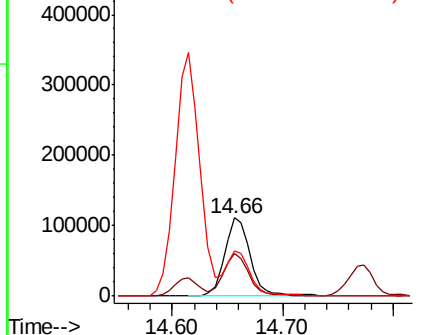


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





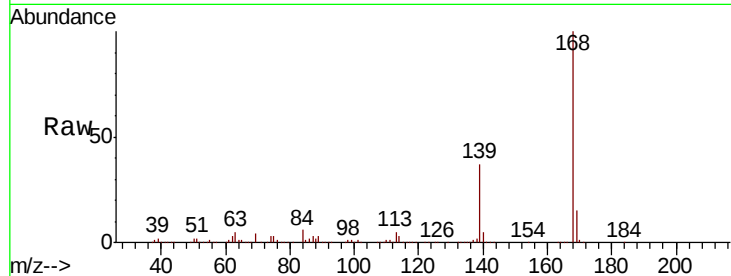
#55
Dibenzenofuran
Concen: 48.402 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.5	45.7
169	14.5	11.7	17.5

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM

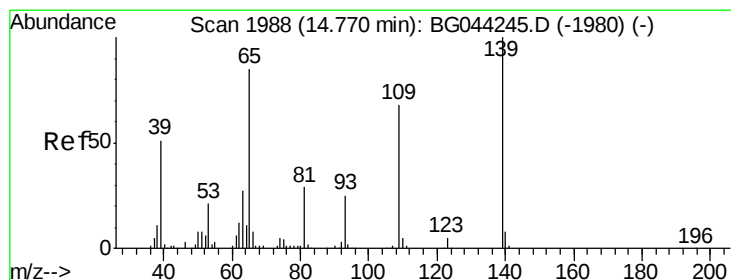
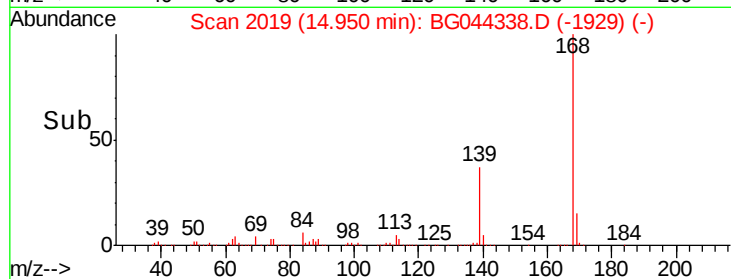
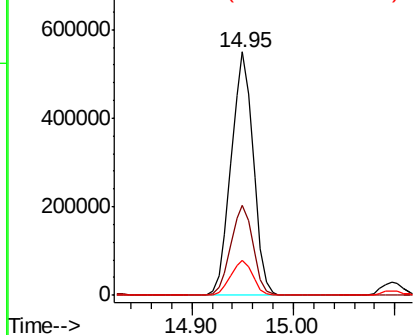


Abundance

Ion 168.00 (167.70 to 168.70): E

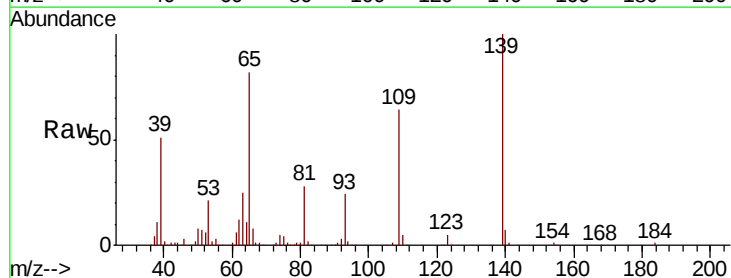
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 107.953 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.4	47.5	87.5
65	82.0	64.9	104.9

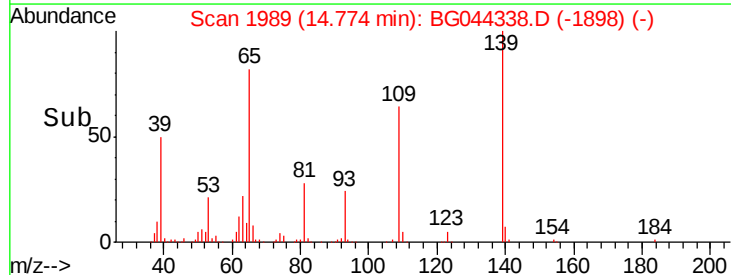
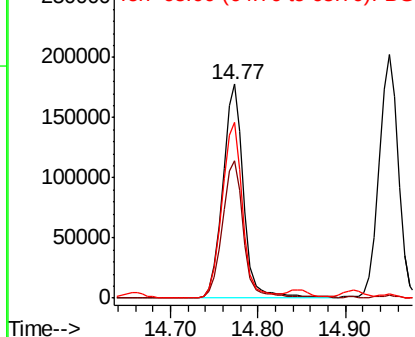


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





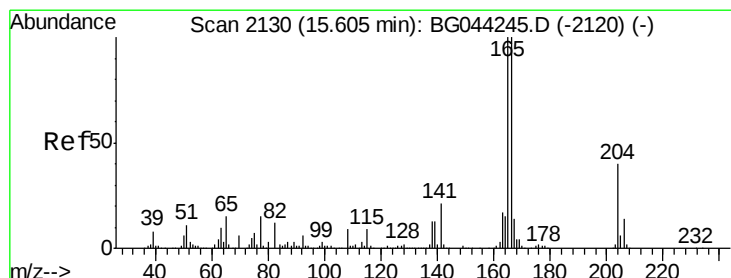
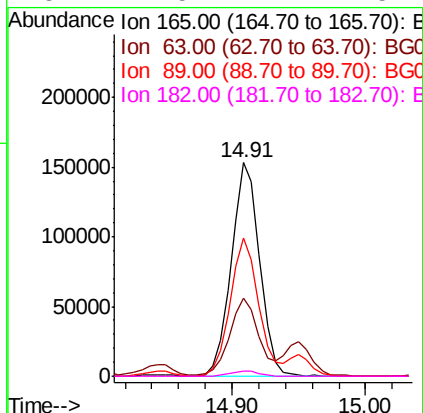
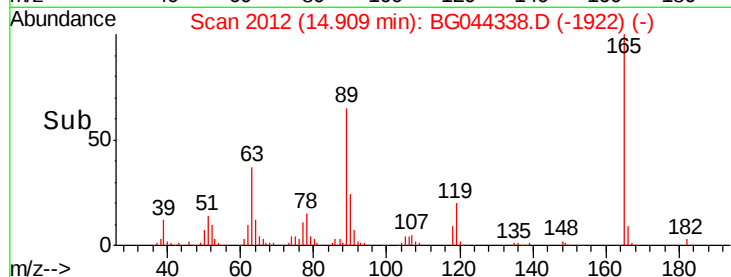
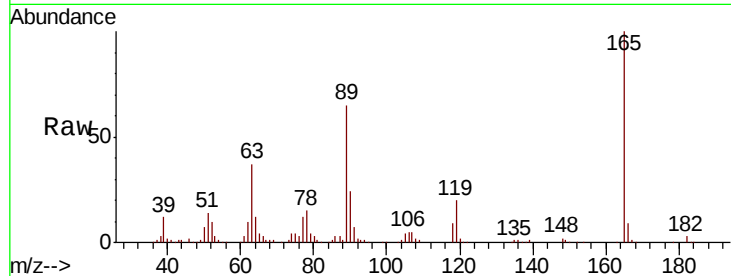
#57
2,4-Dinitrotoluene
Concen: 48.336 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		226157		
63	36.7		30.3	45.5	
89	64.9		53.4	80.2	
182	2.5		2.1	3.1	

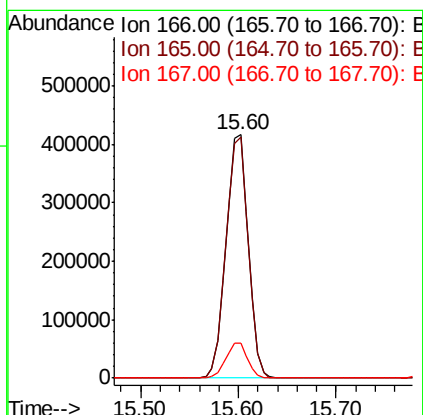
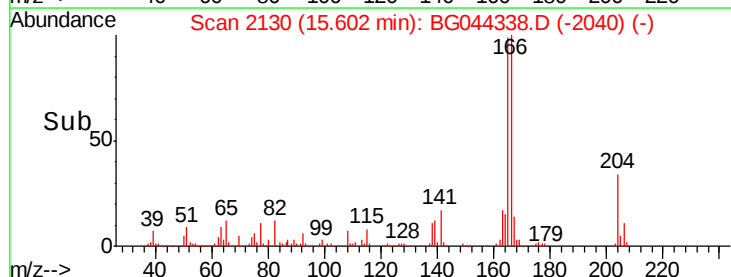
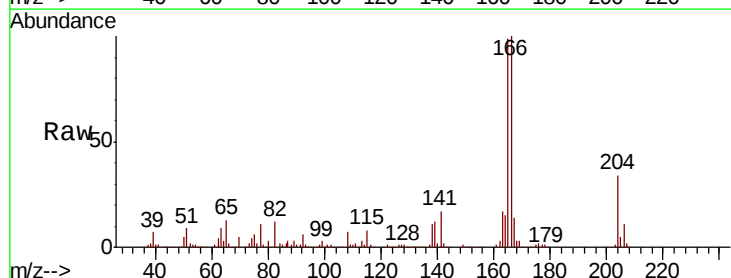
Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



#58
Fluorene
Concen: 48.457 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		656770		
165	98.9		79.9	119.9	
167	14.2		11.4	17.0	





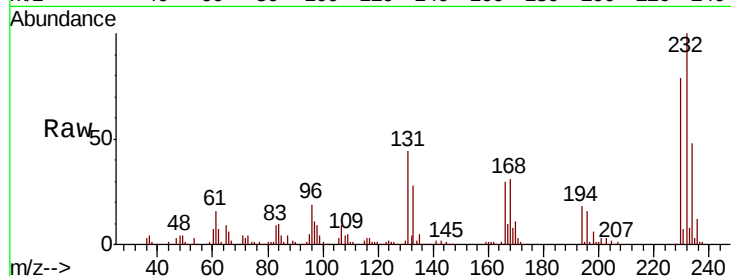
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.640 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

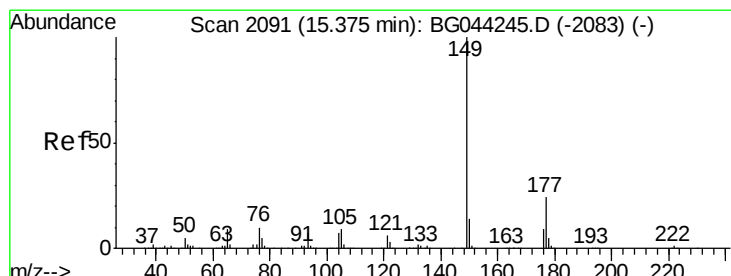
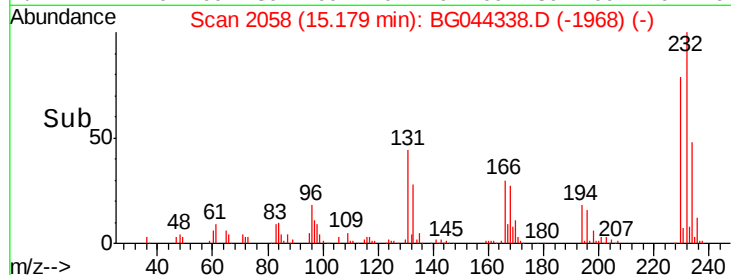
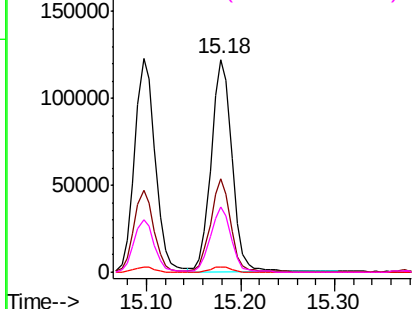
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.1	34.2	51.4
130	2.4	1.8	2.8
166	30.8	23.8	35.8

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM

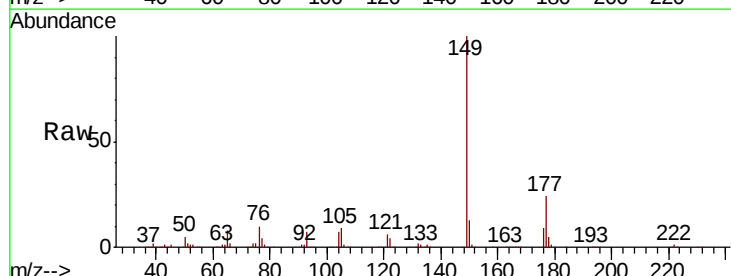


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

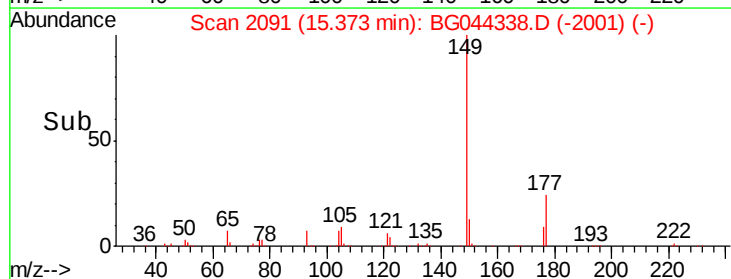
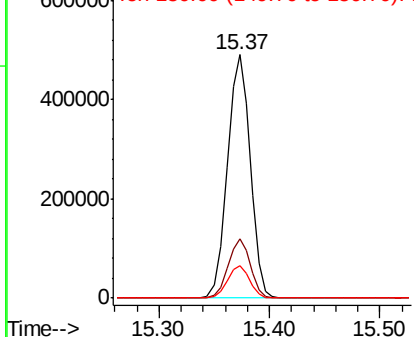


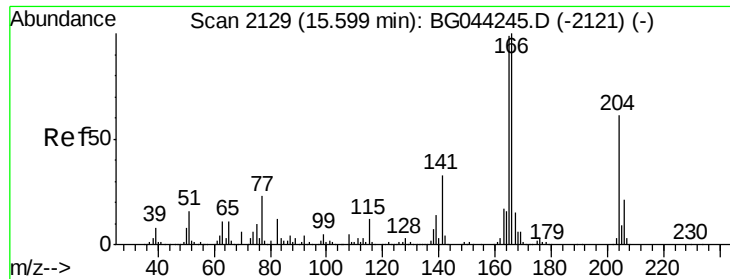
#60
Diethylphthalate
Concen: 47.511 ng
RT: 15.37 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.4	29.0
150	13.1	10.9	16.3



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





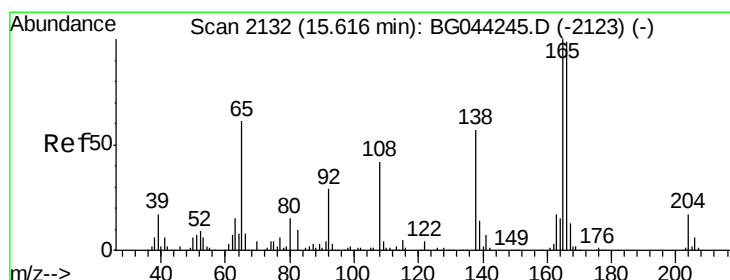
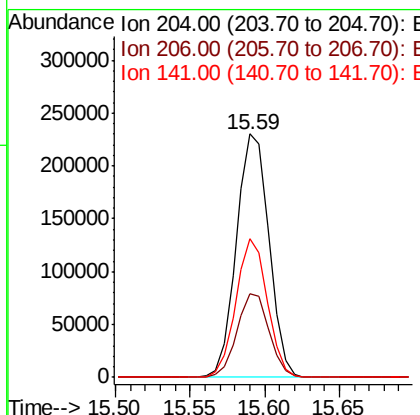
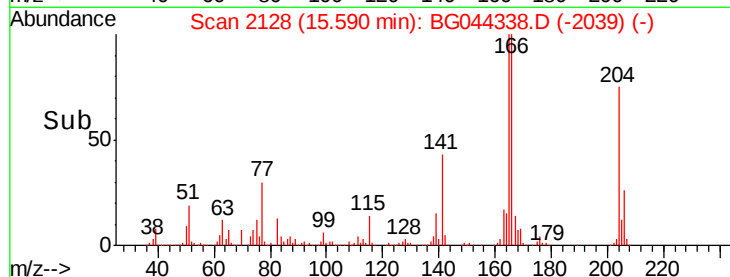
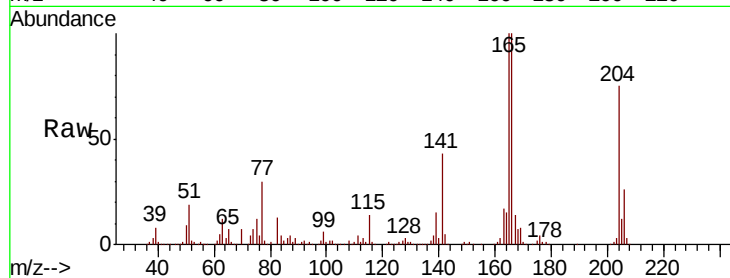
#61
4-Chlorophenyl-phenylether
Concen: 47.447 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.6	41.4
141	56.9	43.4	65.0

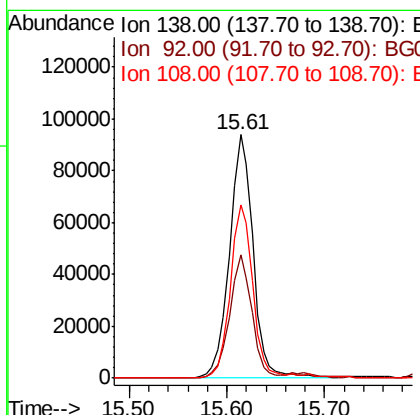
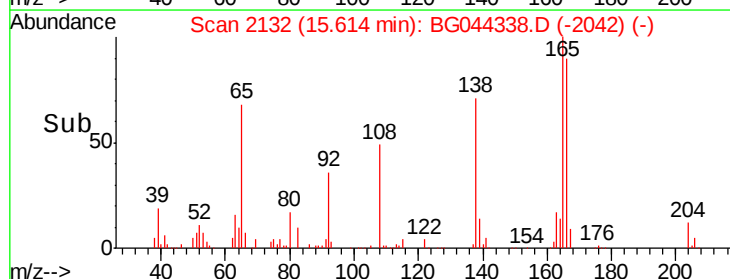
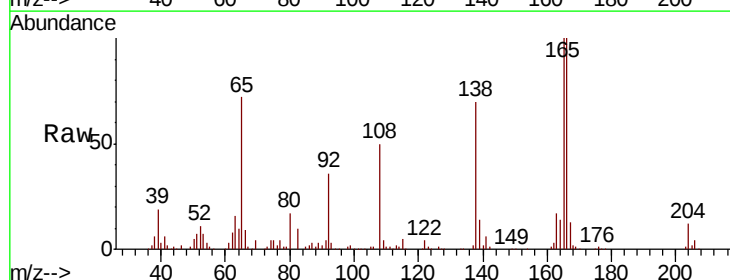
Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



#62
4-Nitroaniline
Concen: 42.891 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.3	71.3
108	71.1	52.6	92.6





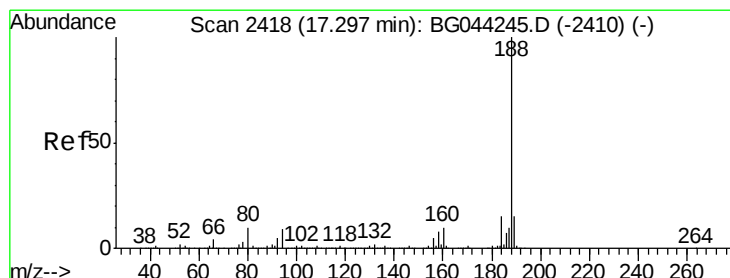
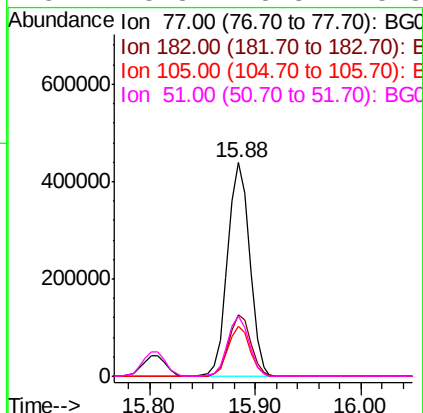
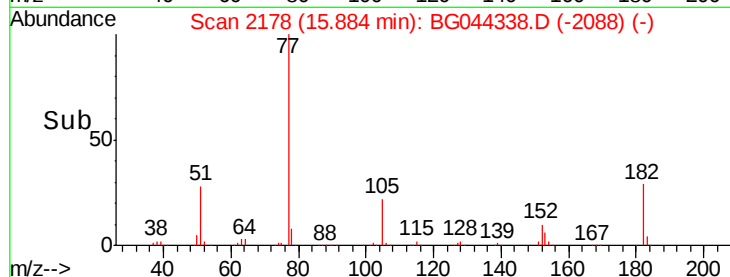
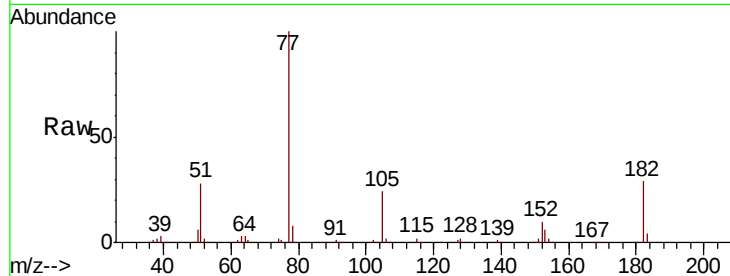
#63
Azobenzene
Concen: 48.331 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		631930		
182	28.5	8.2	48.2		
105	23.5	3.6	43.6		
51	28.3	8.3	48.3		

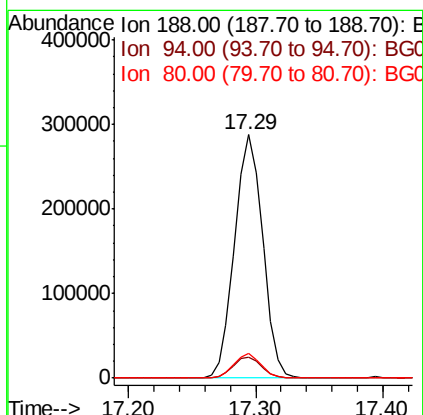
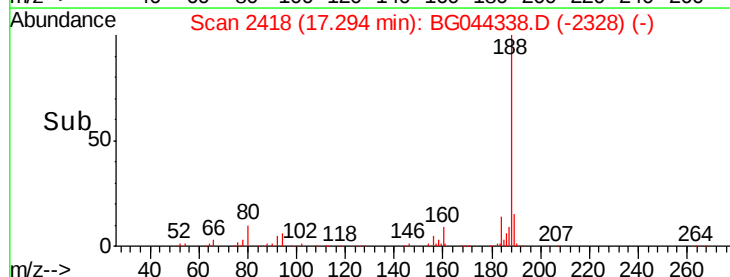
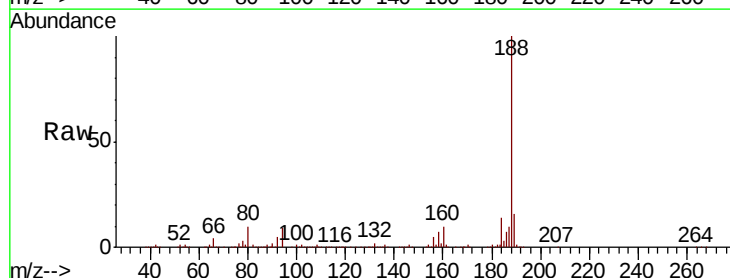
Manual Integrations
APPROVED

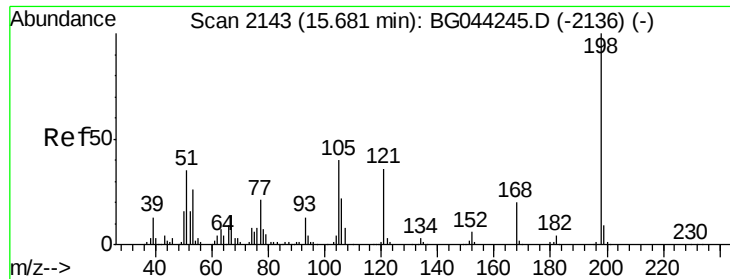
mohammad
2/11/2020 8:25:55 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		442868		
94	8.7	7.4	11.2		
80	9.9	7.7	11.5		





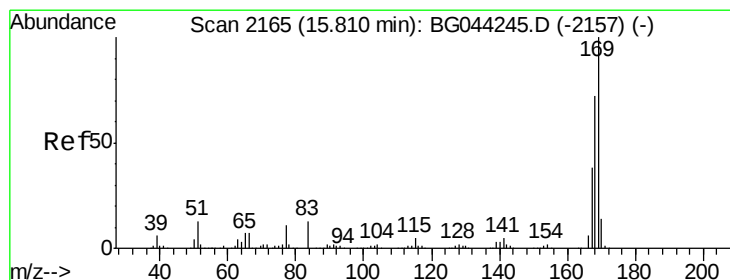
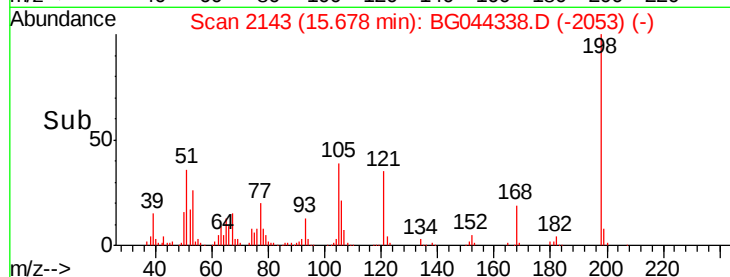
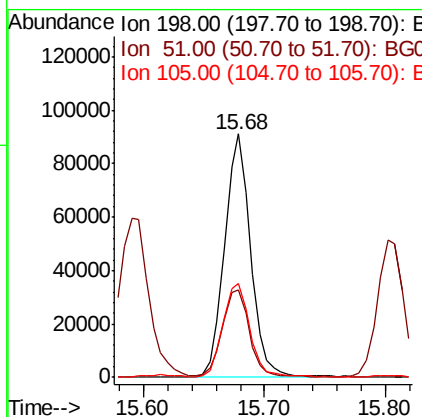
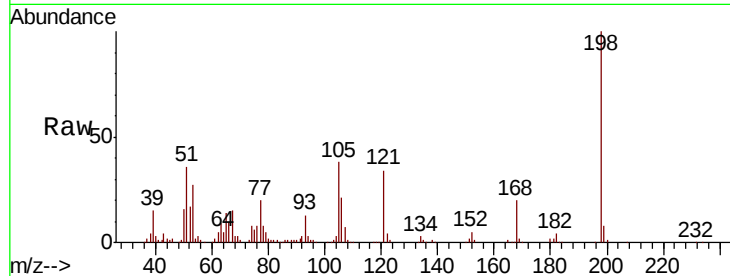
#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.876 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	136597		
51	35.8	16.6	56.6	
105	38.4	20.6	60.6	

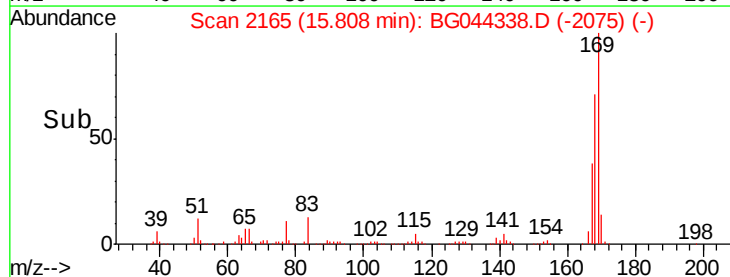
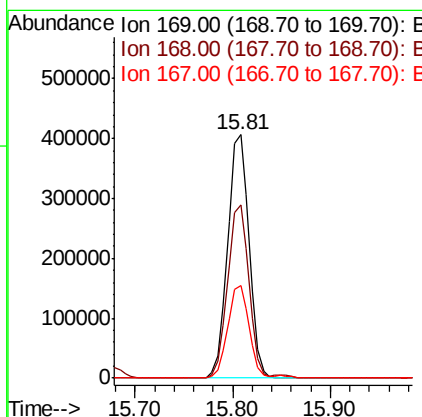
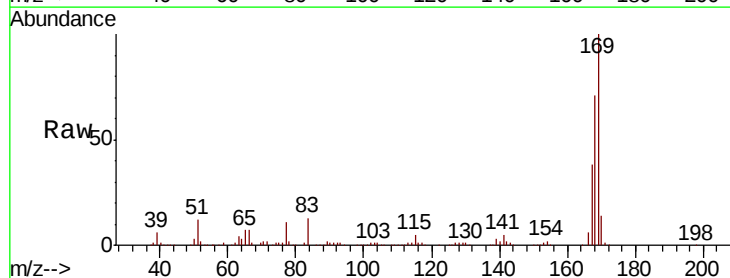
Manual Integrations
 APPROVED

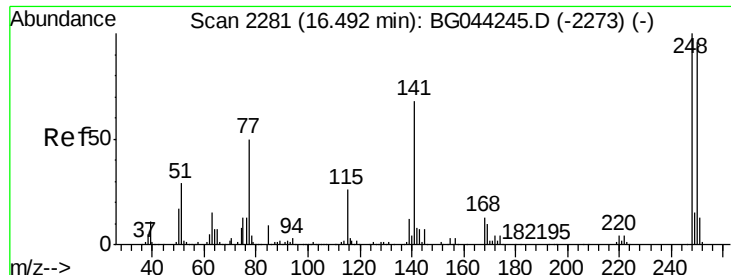
mohammad
 2/11/2020 8:25:55 AM



#66
 n-Nitrosodiphenylamine
 Concen: 49.605 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	615649		
168	71.3	57.9	86.9	
167	38.2	30.7	46.1	





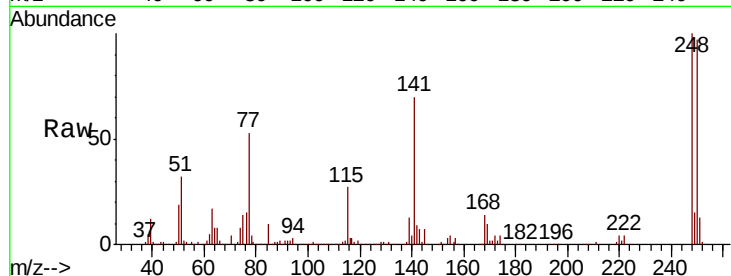
#67
 4-Bromophenyl-phenylether
 Concen: 47.165 ng
 RT: 16.48 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.6	114.8
141	70.4	54.7	82.1

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:25:55 AM

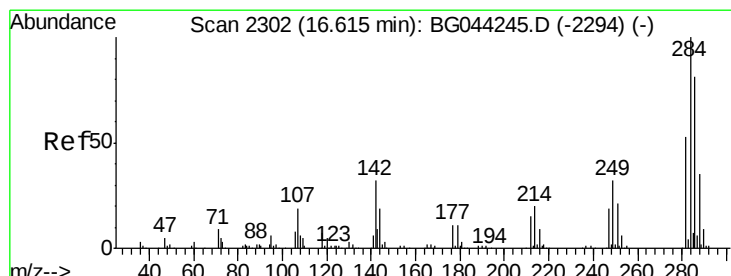
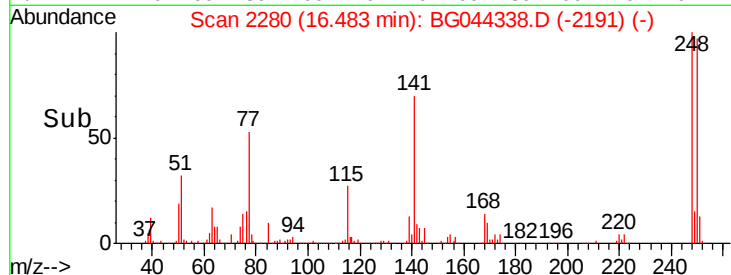
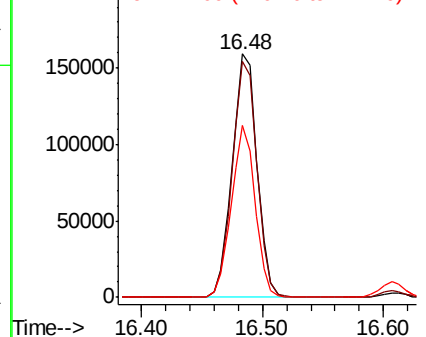


Abundance

Ion 248.00 (247.70 to 248.70): E

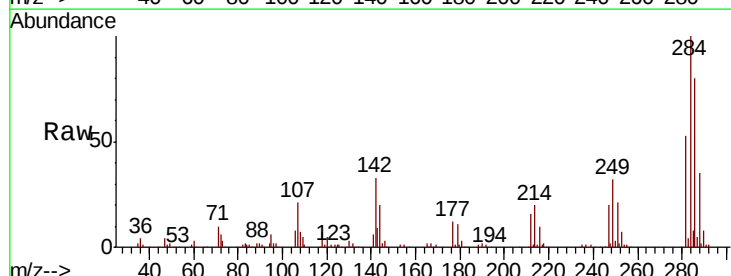
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 46.176 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	25.3	37.9
249	32.0	25.5	38.3

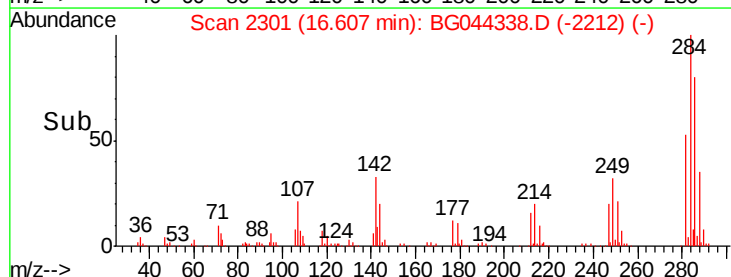
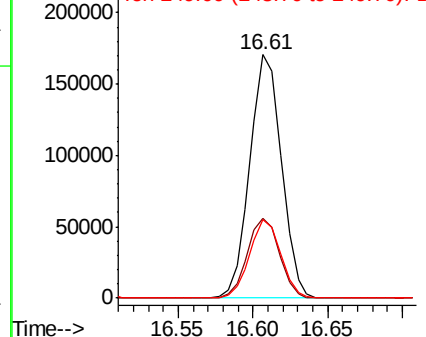


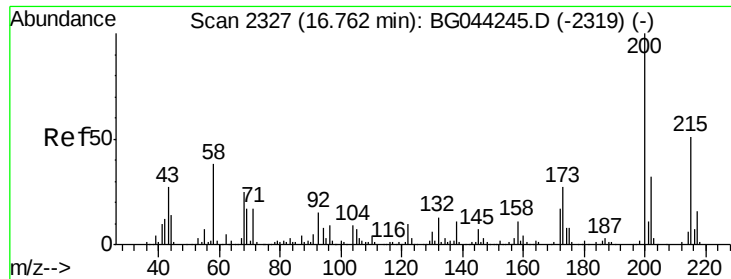
Abundance

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





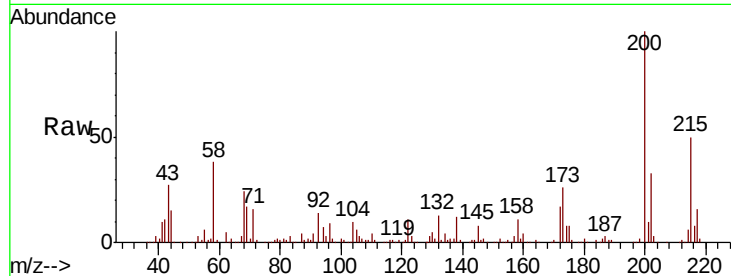
#69
Atrazine
Concen: 54.187 ng
RT: 16.76 min Scan# 2327
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

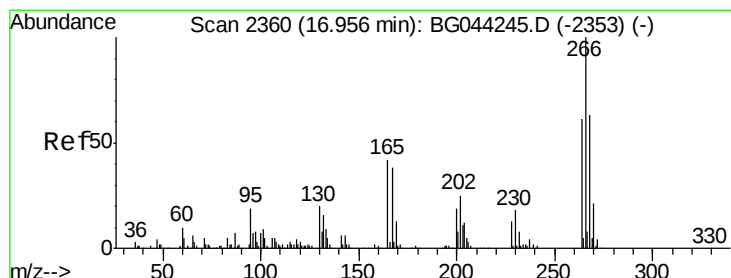
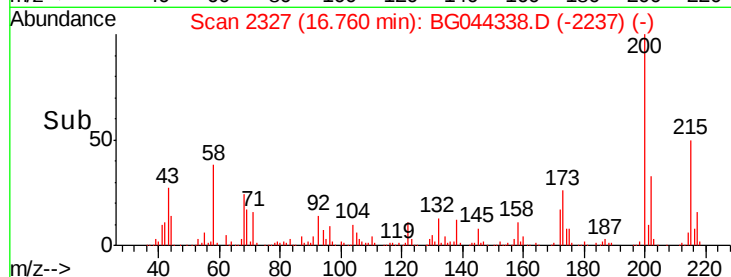
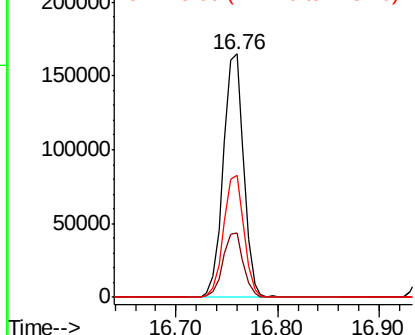
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.4	6.6	46.6
215	49.9	31.0	71.0

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM

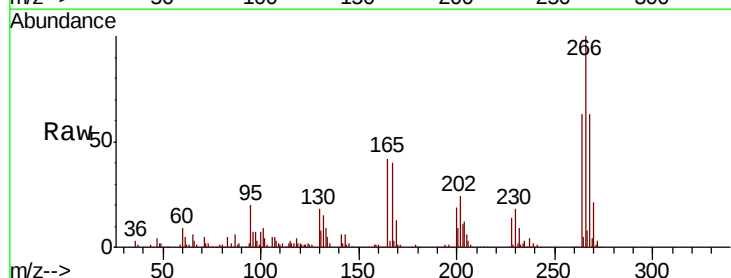


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

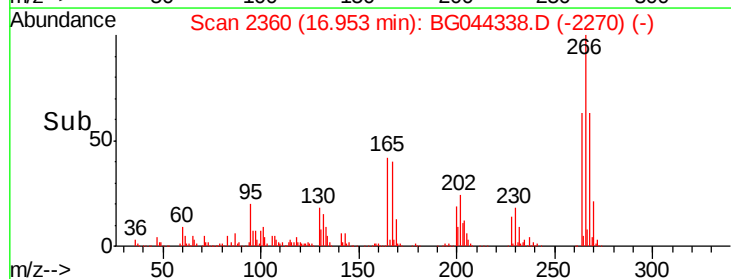
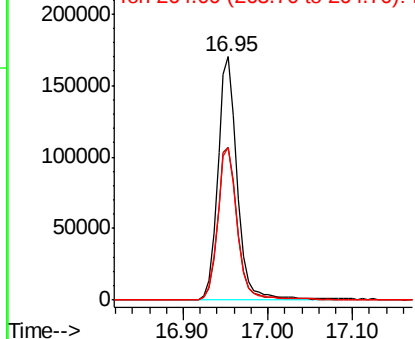


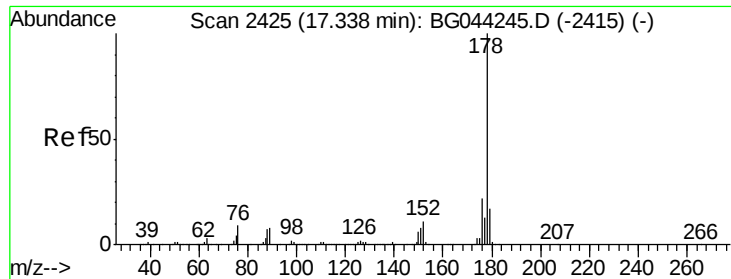
#70
Pentachlorophenol
Concen: 99.655 ng
RT: 16.95 min Scan# 2360
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.0	50.6	75.8
264	62.8	48.7	73.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





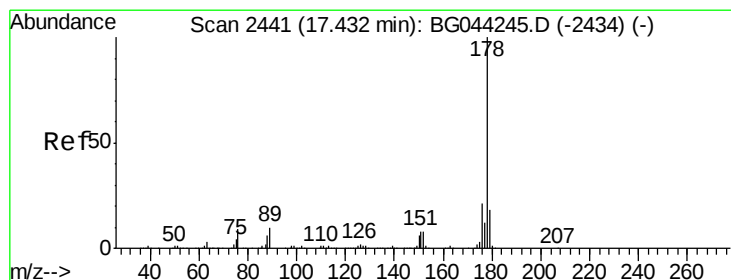
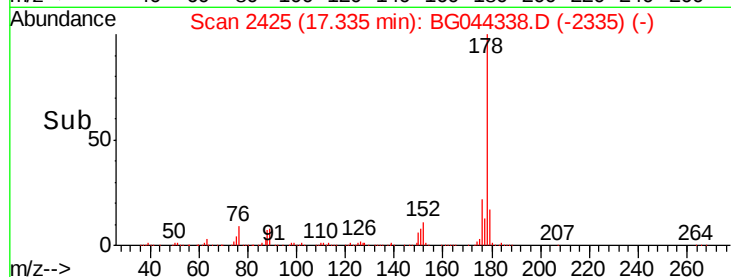
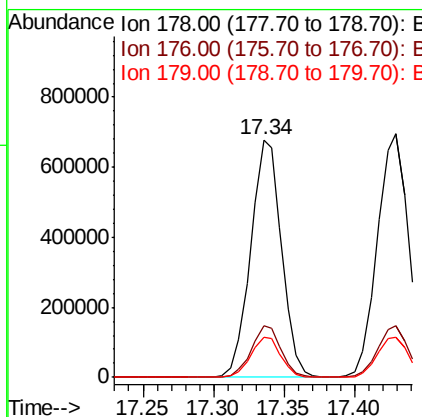
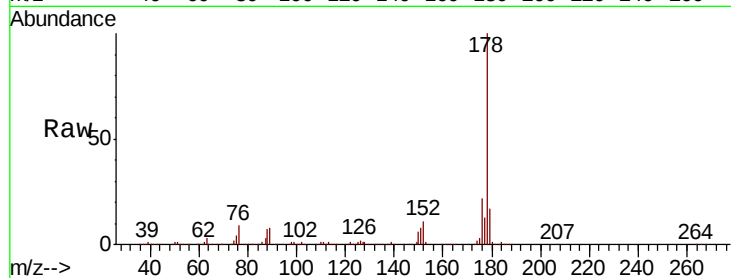
#71
Phenanthrene
Concen: 48.597 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion:178 Resp: 1042164
Ion Ratio Lower Upper
178 100
176 21.6 17.7 26.5
179 17.0 13.7 20.5

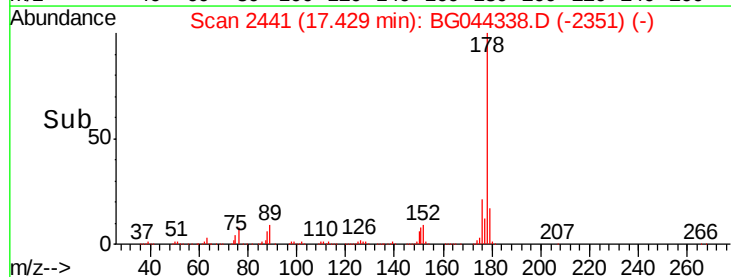
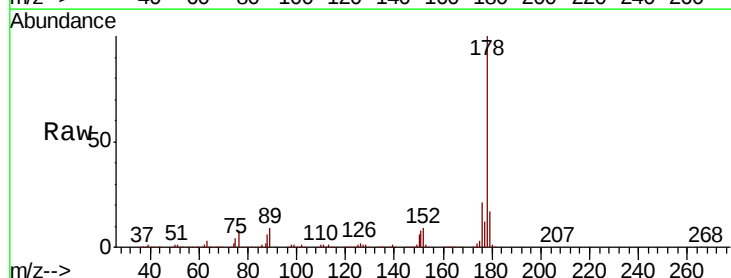
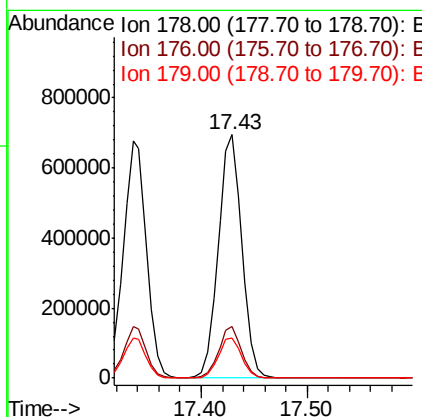
Manual Integrations
APPROVED

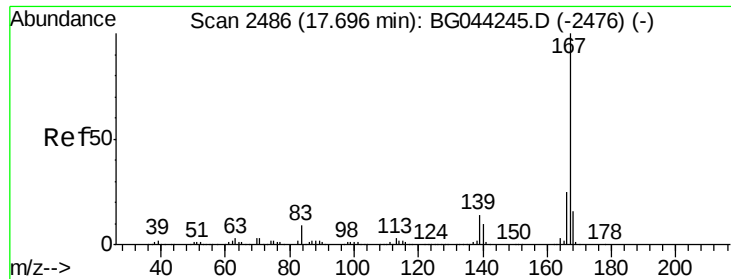
mohammad
2/11/2020 8:25:55 AM



#72
Anthracene
Concen: 50.771 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion:178 Resp: 1076449
Ion Ratio Lower Upper
178 100
176 21.3 17.0 25.4
179 16.7 14.4 21.6





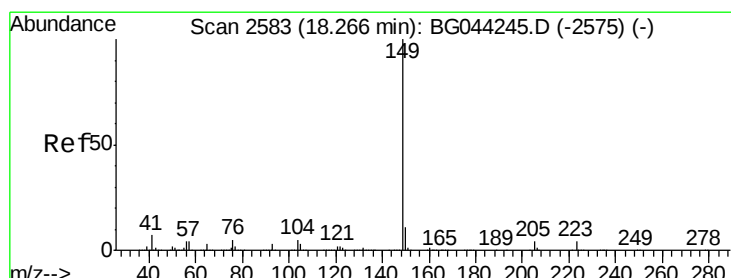
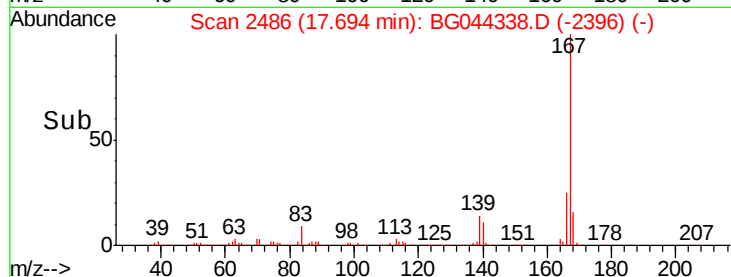
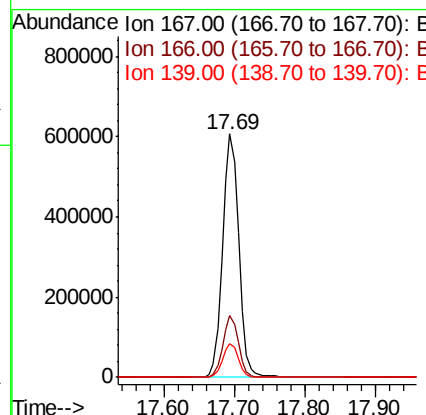
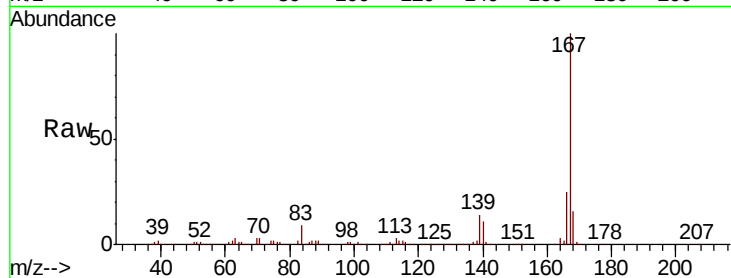
#73
 Carbazole
 Concen: 49.505 ng
 RT: 17.69 min Scan# 2486
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.5	19.8	29.6
139	14.0	11.1	16.7

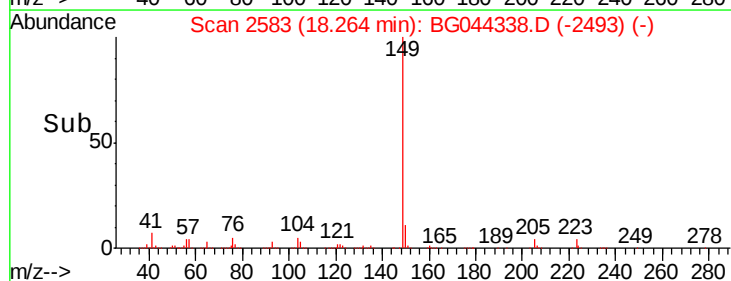
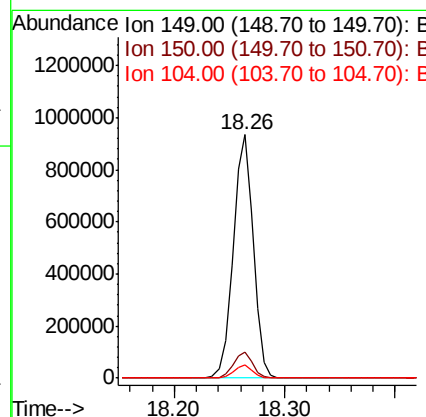
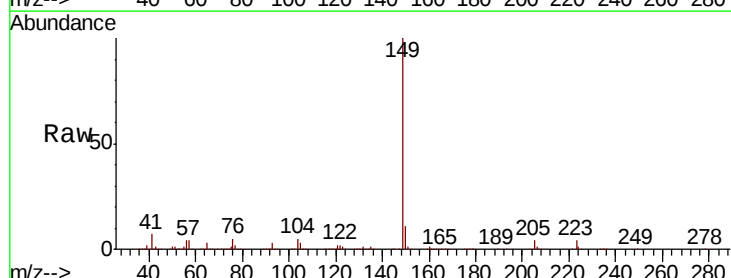
Manual Integrations
 APPROVED

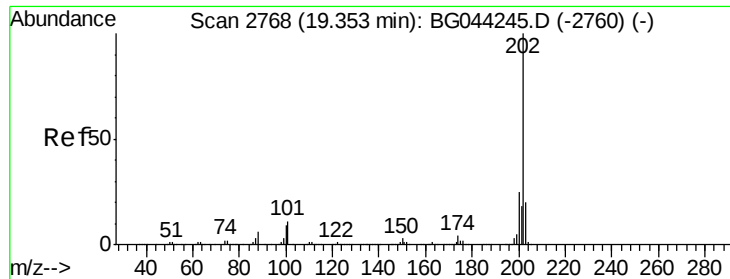
mohammad
 2/11/2020 8:25:55 AM



#74
 Di-n-butylphthalate
 Concen: 48.948 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.7	13.1
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 49.882 ng

RT: 19.34 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

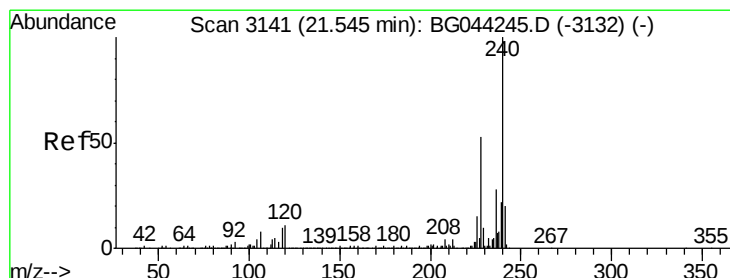
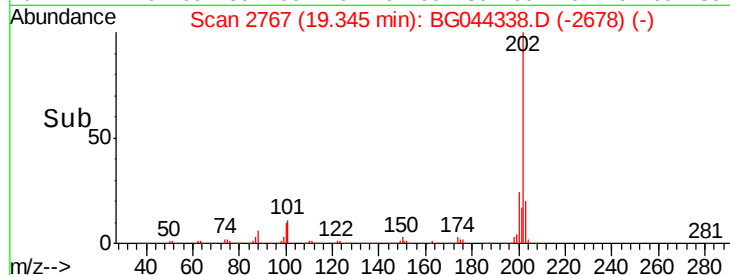
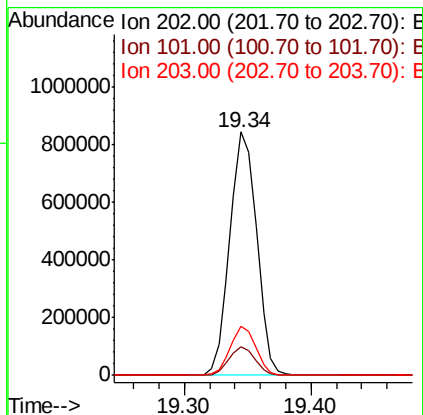
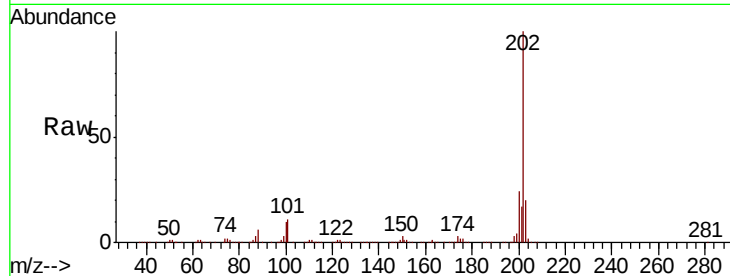
ClientSampleId :

PB126671BS

Tot Ion:	202	Resp:	1237481
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.3
203	20.0	0.0	39.9

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



#76

Chrysene-d12

Concen: 20.000 ng

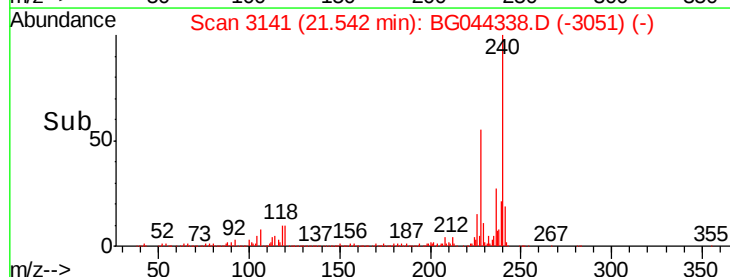
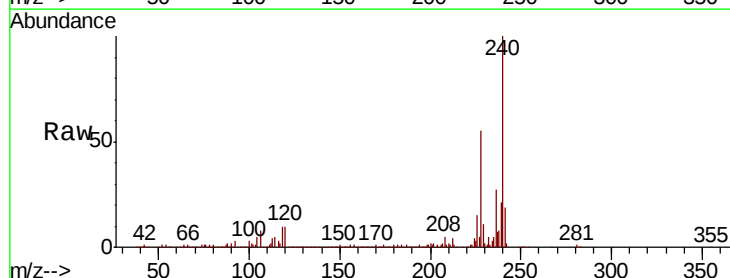
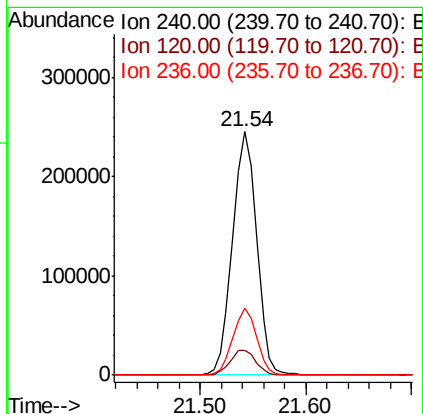
RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Tgt Ion:	240	Resp:	387772
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	27.4	22.1	33.1





#77

Benzidine

Concen: 52.457 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

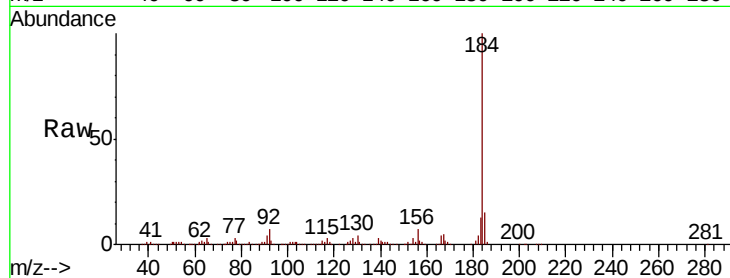
ClientSampleId :

PB126671BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.9	19.3
183	13.5	10.8	16.2

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM

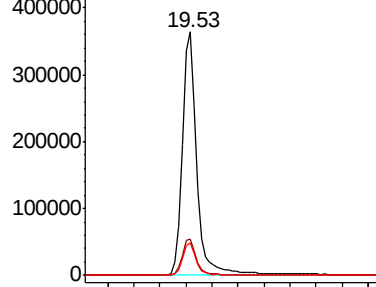


Abundance

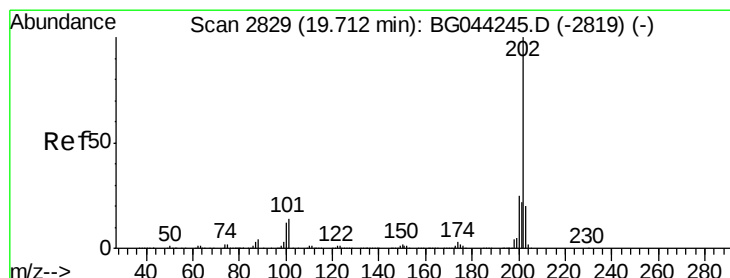
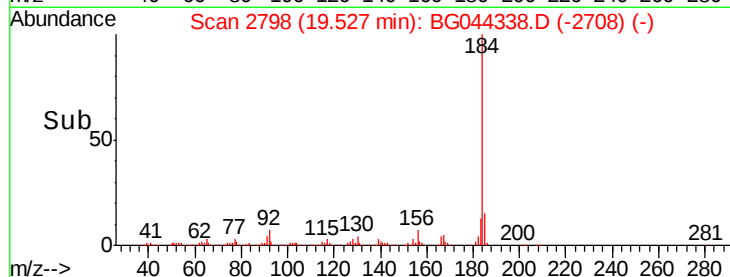
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 49.473 ng

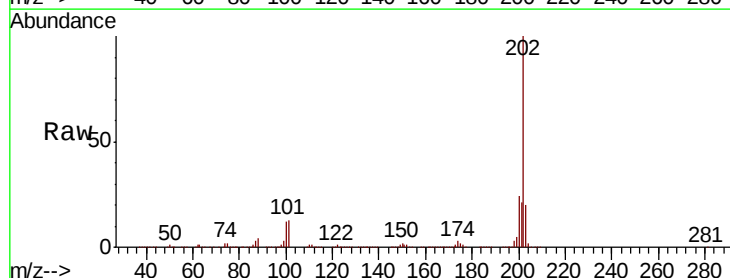
RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.3	20.0	30.0
203	20.1	16.2	24.2

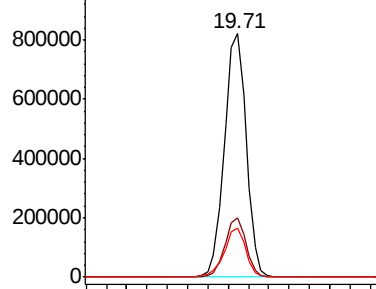


Abundance

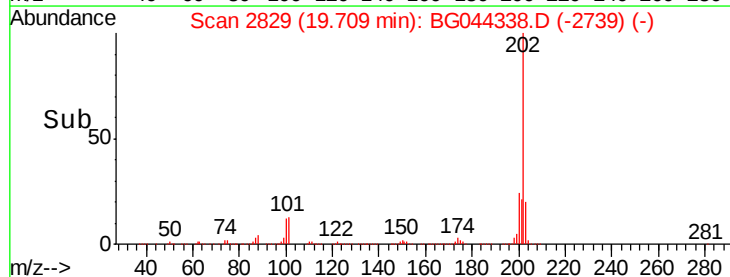
Ion 202.00 (201.70 to 202.70): E

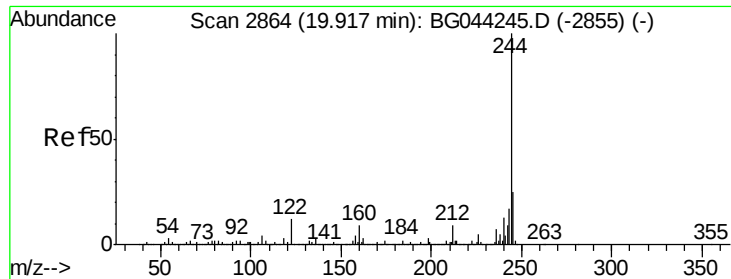
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 82.636 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

ClientSampled :

PB126671BS

Tot Ion:244 Resp: 1557897

Ion Ratio Lower Upper

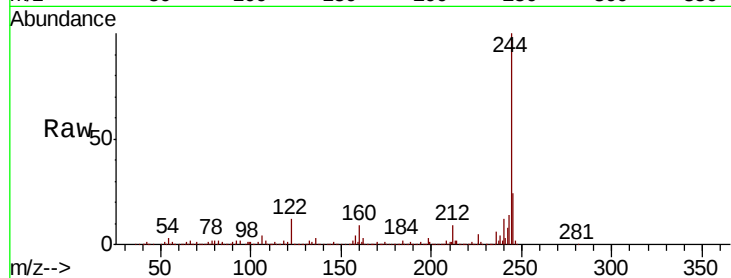
244 100

212 8.8 7.4 11.2

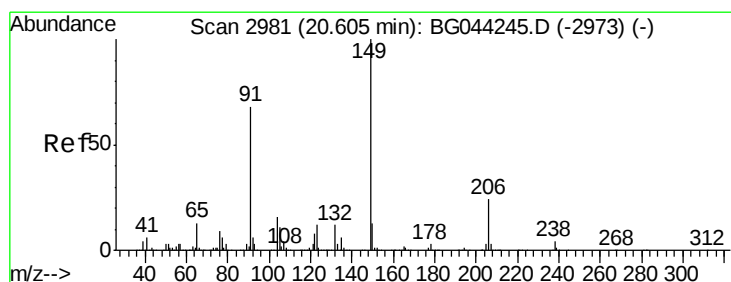
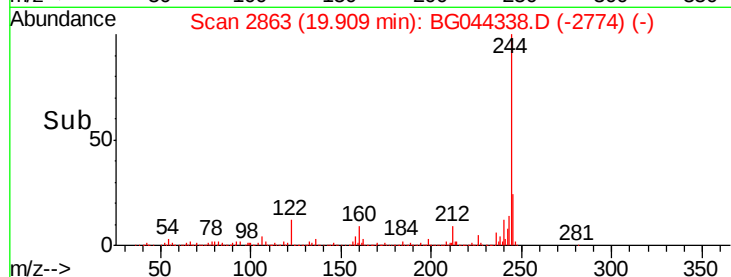
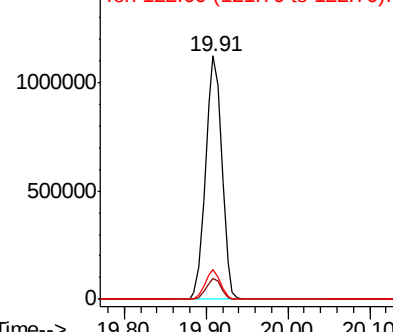
122 12.2 9.8 14.6

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



Abundance Ion 244.00 (243.70 to 244.70): E
1500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.732 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

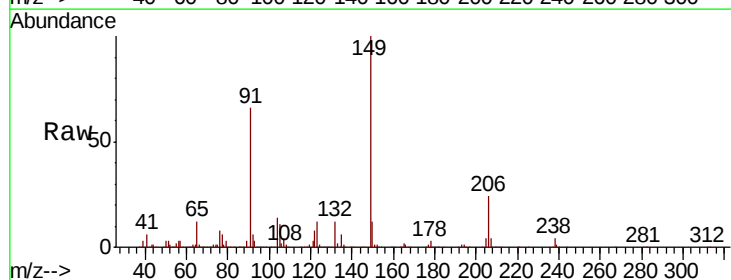
Tgt Ion:149 Resp: 541688

Ion Ratio Lower Upper

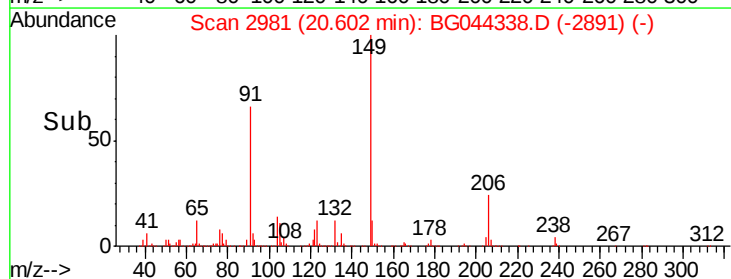
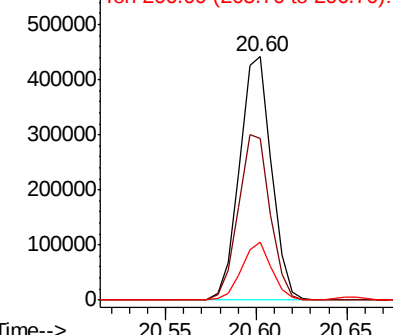
149 100

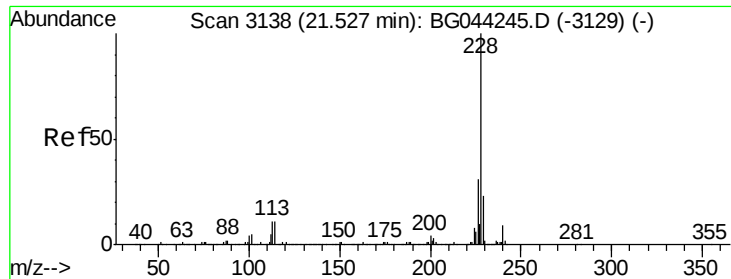
91 66.2 54.5 81.7

206 23.8 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E
600000 Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.835 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

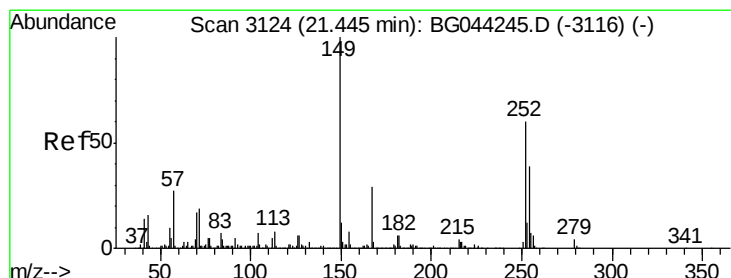
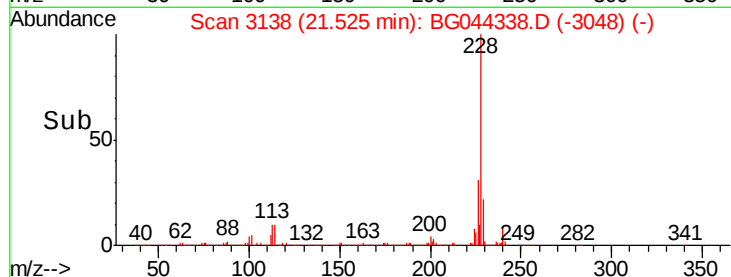
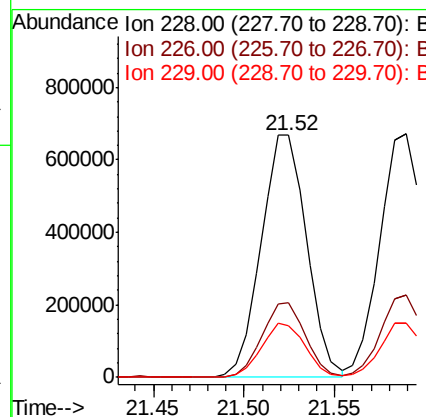
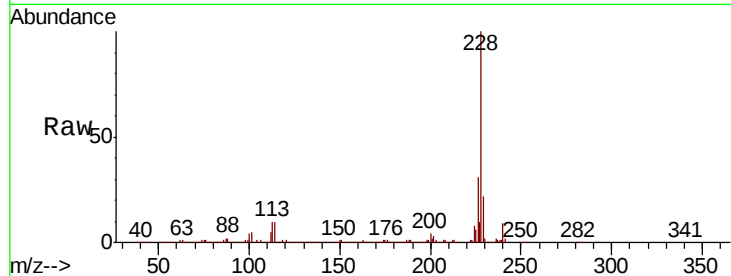
ClientSampleId :

PB126671BS

Tot Ion:	228	Resp:	1167101
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	21.6	18.2	27.4

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



#82

3,3'-Dichlorobenzidine

Concen: 32.318 ng

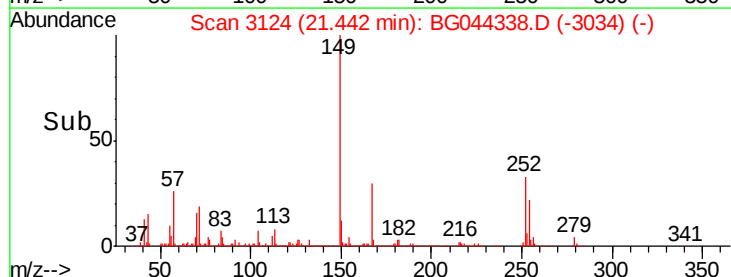
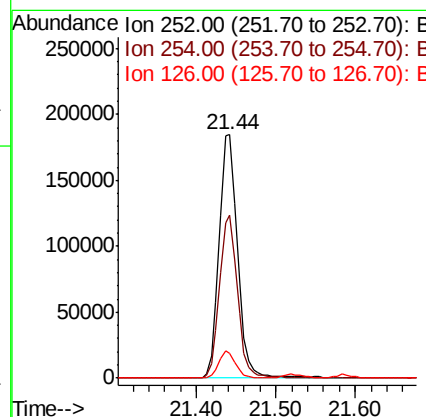
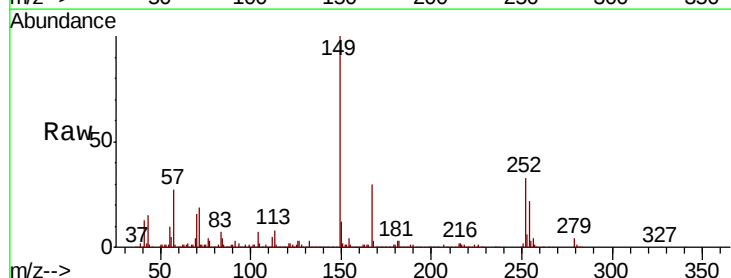
RT: 21.44 min Scan# 3124

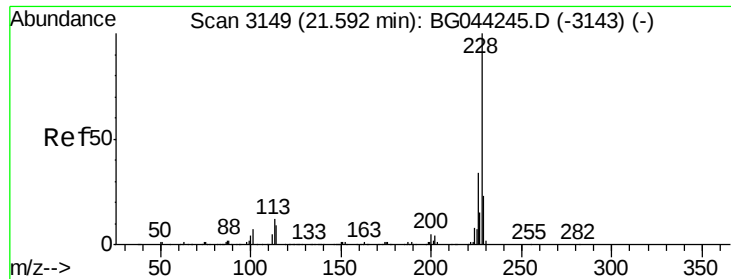
Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Tgt Ion:	252	Resp:	299763
Ion	Ratio	Lower	Upper
252	100		
254	66.7	52.6	78.8
126	10.1	8.2	12.4





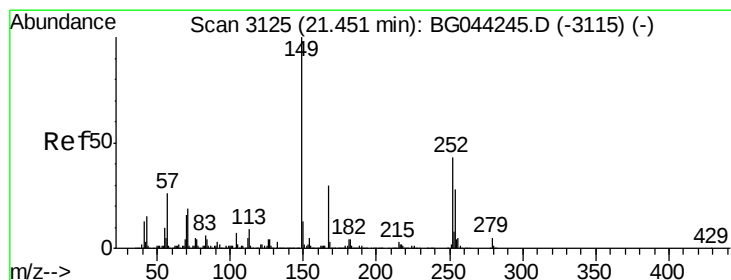
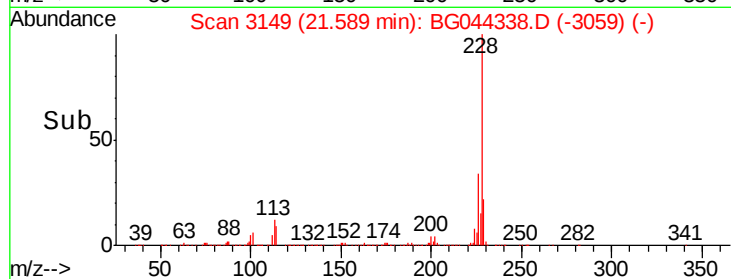
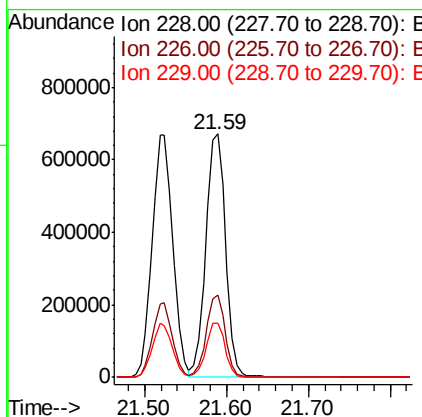
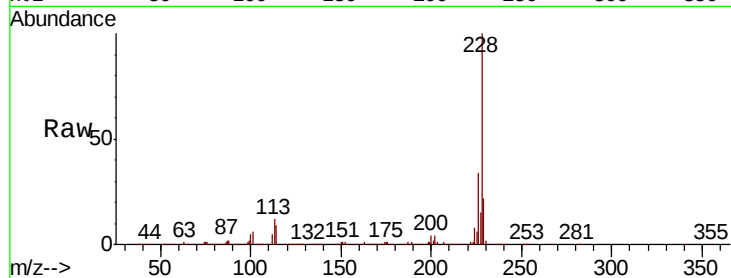
#83
 Chrvsene
 Concen: 48.777 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BS

Tot Ion:228 Resp: 1126768
 Ion Ratio Lower Upper
 228 100
 226 34.0 27.1 40.7
 229 22.3 17.9 26.9

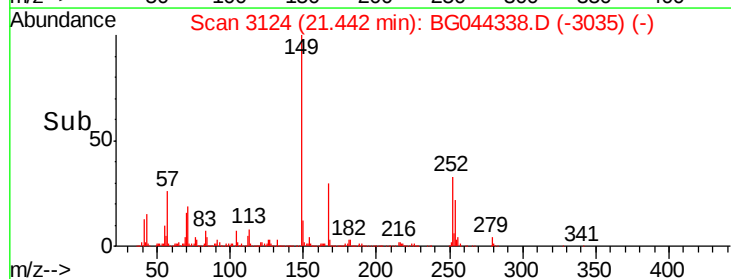
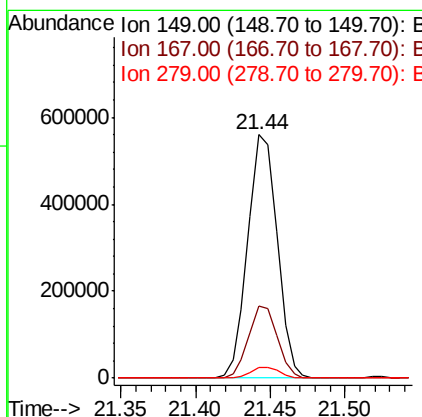
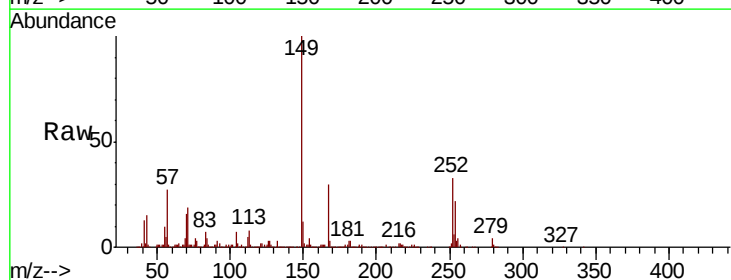
Manual Integrations
 APPROVED

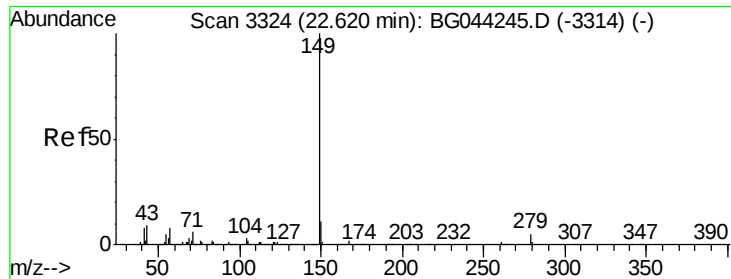
mohammad
 2/11/2020 8:25:55 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.964 ng
 RT: 21.44 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BG044338.D
 Acq: 7 Feb 2020 15:39

Tgt Ion:149 Resp: 764838
 Ion Ratio Lower Upper
 149 100
 167 29.7 24.0 36.0
 279 4.4 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 49.688 ng

RT: 22.61 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

ClientSampled :

PB126671BS

Tot Ion:149 Resp: 1342908

Ion Ratio Lower Upper

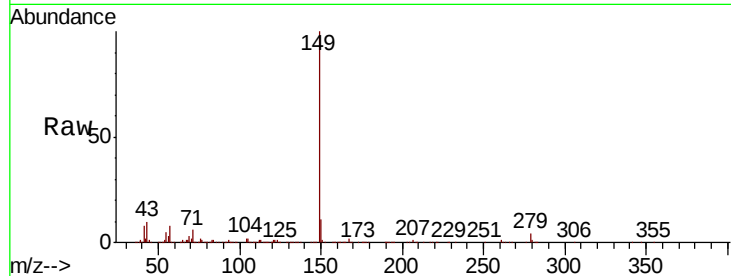
149 100

167 1.7 1.3 1.9

43 8.9 7.4 11.0

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM

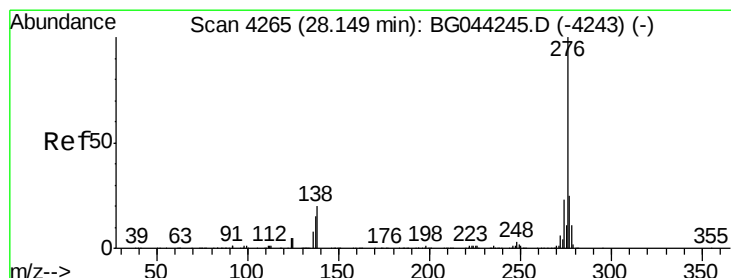
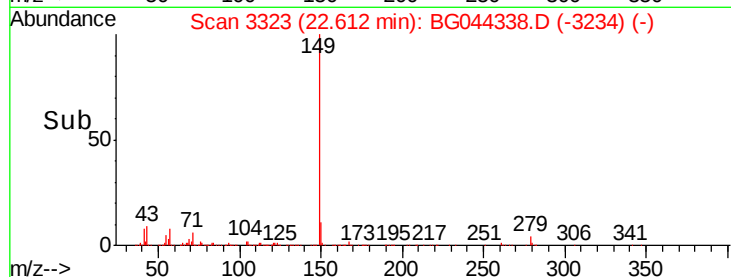
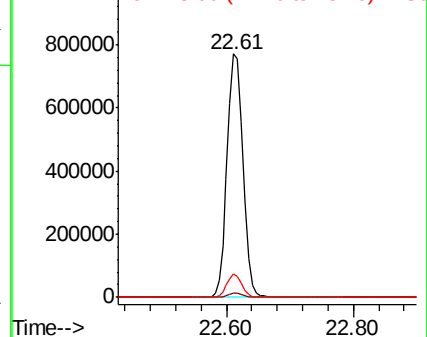


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.831 ng

RT: 28.15 min Scan# 4265

Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

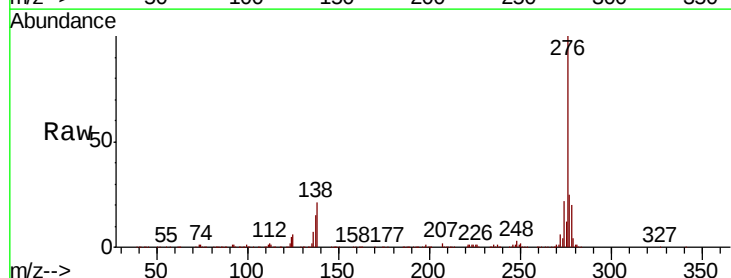
Tgt Ion:276 Resp: 1441528

Ion Ratio Lower Upper

276 100

138 24.5 19.4 29.0

277 26.2 21.0 31.6

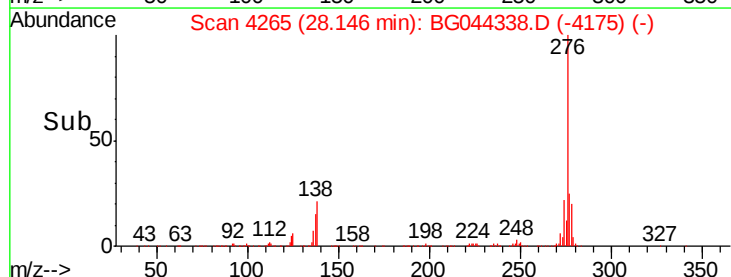
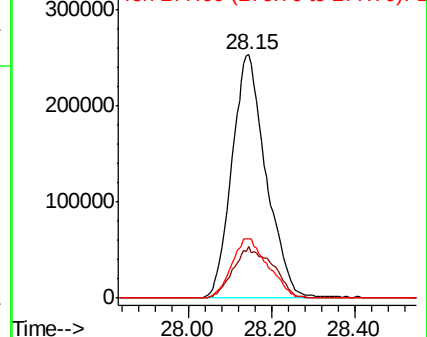


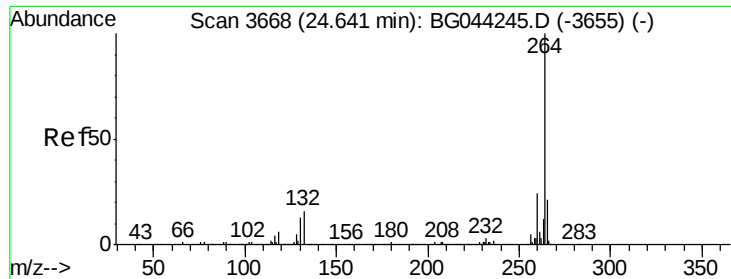
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

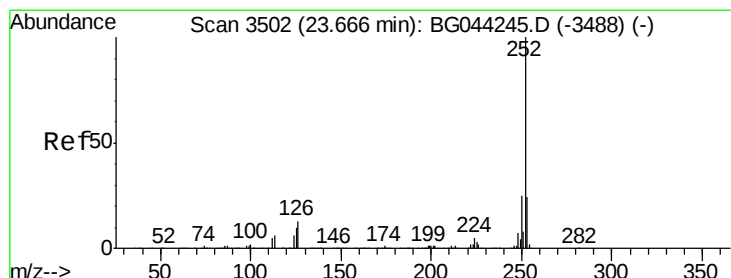
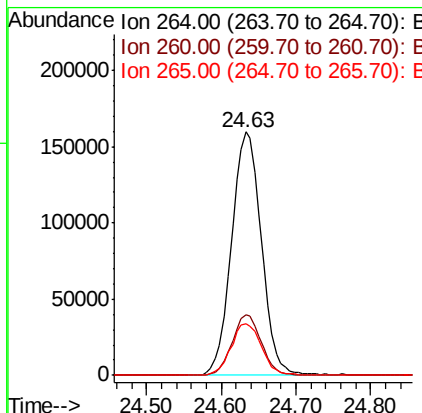
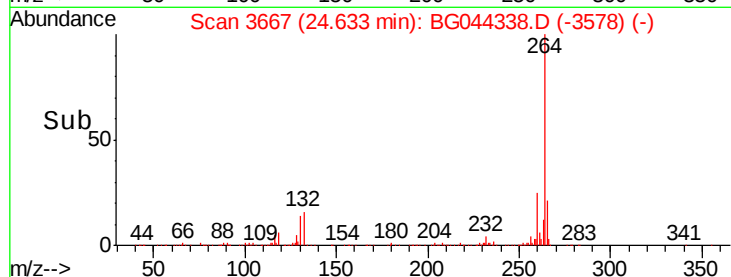
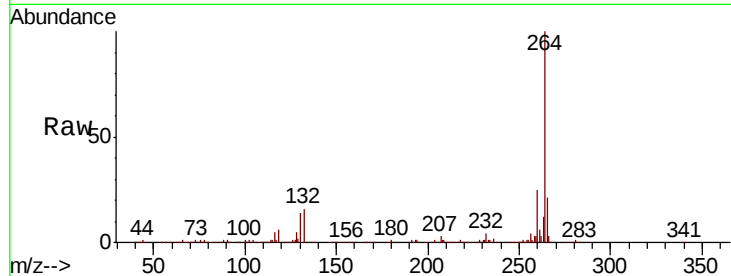
ClientSampleId :

PB126671BS

Tot Ion:	264	Resp:	444224
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.4	29.2
265	21.3	16.7	25.1

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



#88

Benzo(b)fluoranthene

Concen: 49.261 ng

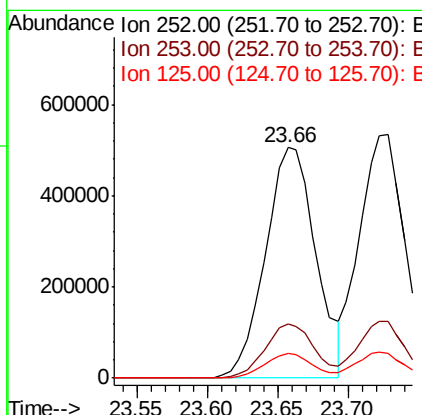
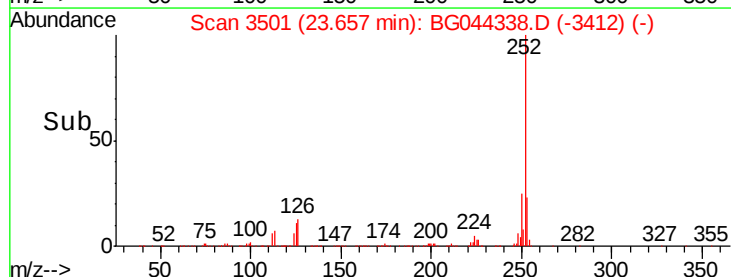
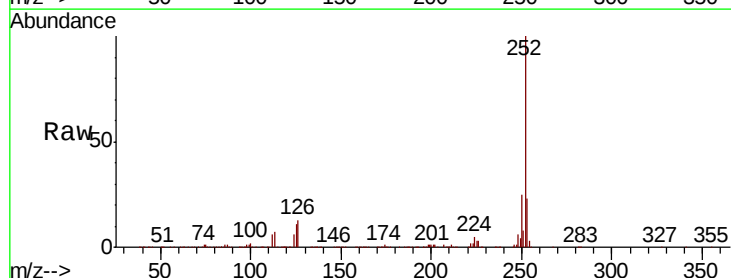
RT: 23.66 min Scan# 3501

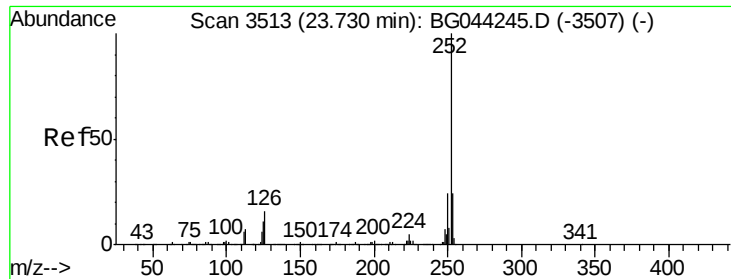
Delta R.T. -0.01 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Tgt Ion:	252	Resp:	1260983
Ion Ratio	Lower	Upper	
252	100		
253	23.5	19.2	28.8
125	10.7	8.4	12.6





#89

Benzo(k)fluoranthene

Concen: 48.476 ng

RT: 23.73 min Scan# 3513

Delta R.T. -0.00 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB126671BS

Tot Ion:252 Resp: 1209409

Ion Ratio Lower Upper

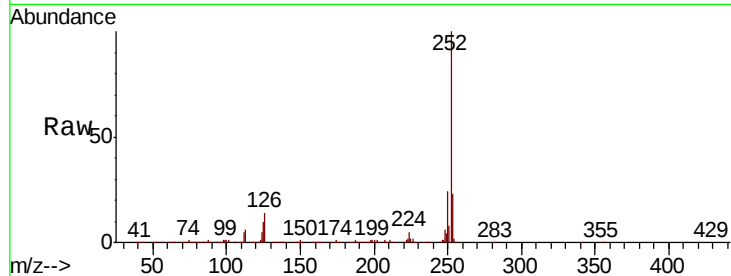
252 100

253 23.2 19.1 28.7

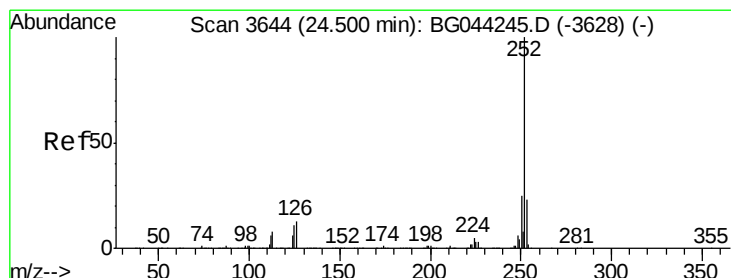
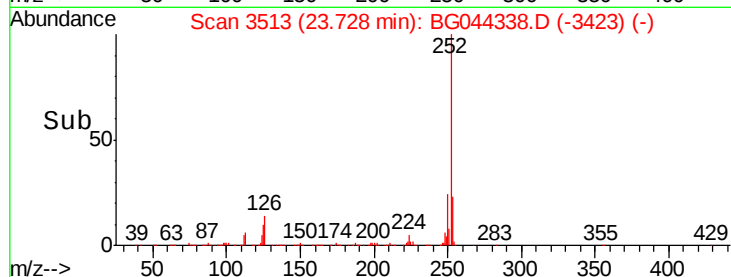
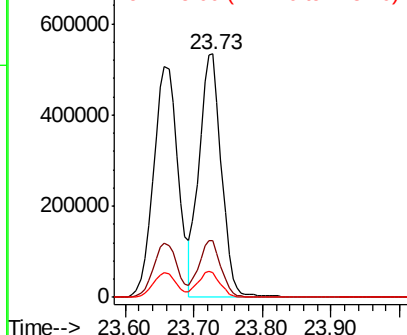
125 9.9 8.6 12.8

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



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



#90

Benzo(a)pyrene

Concen: 47.693 ng

RT: 24.49 min Scan# 3643

Delta R.T. -0.01 min

Lab File: BG044338.D

Acq: 7 Feb 2020 15:39

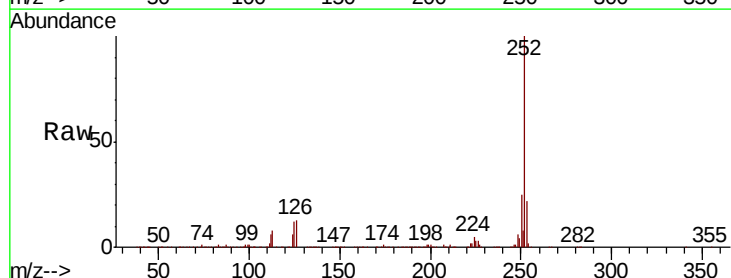
Tgt Ion:252 Resp: 1154283

Ion Ratio Lower Upper

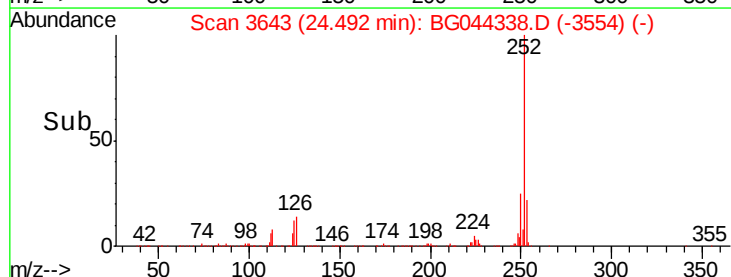
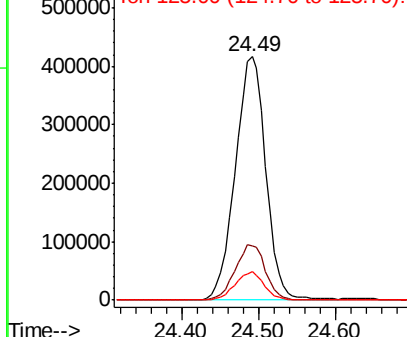
252 100

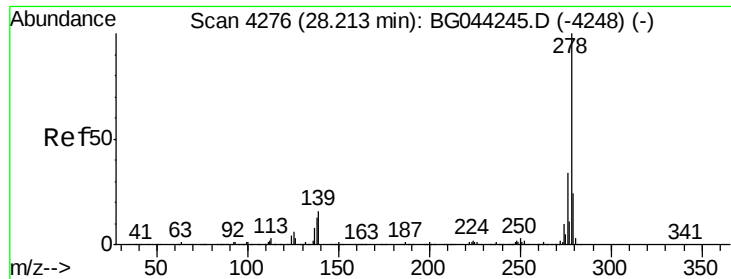
253 22.3 18.1 27.1

125 12.0 8.6 13.0



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





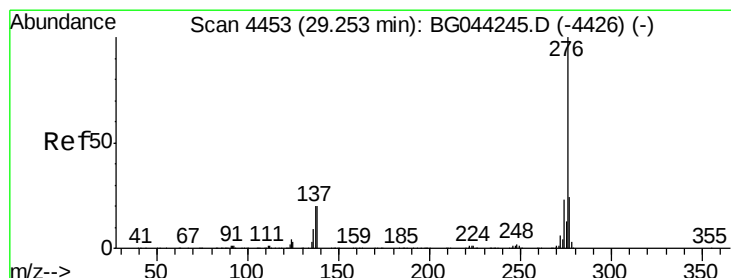
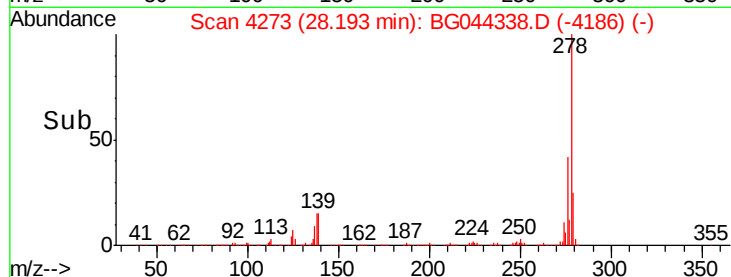
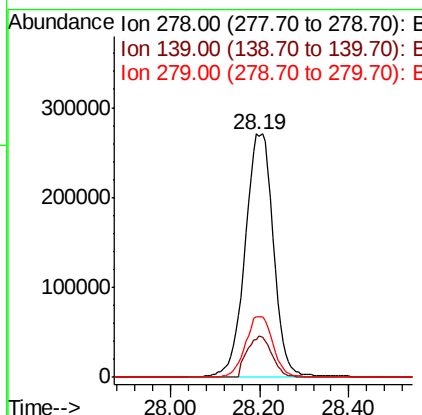
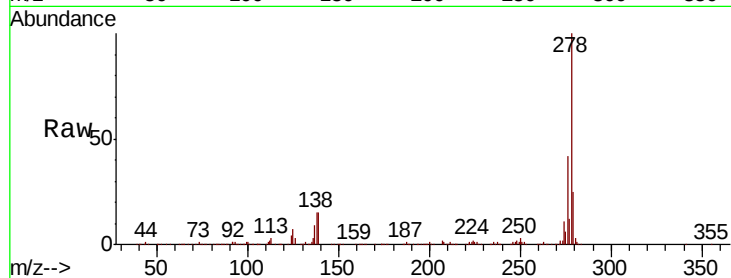
#91
Dibenzo(a,h)anthracene
Concen: 49.250 ng
RT: 28.19 min Scan# 4273
Delta R.T. -0.02 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.7	19.1
279	24.8	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:55 AM



#92
Benzo(g,h,i)perylene
Concen: 50.487 ng
RT: 29.24 min Scan# 4451
Delta R.T. -0.01 min
Lab File: BG044338.D
Acq: 7 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.9	16.2	24.2

