

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044302.D
 Acq On : 5 Feb 2020 13:29
 Operator : CG/JU
 Sample : PB126599BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126599BS

Manual Integrations
 APPROVED

mohammad
 2/6/2020 2:19:19 PM

Quant Time: Feb 06 01:19:06 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	79274	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	336876	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	242473	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	575001	20.00	ng	0.00
76) Chrysene-d12	21.55	240	507701	20.00	ng	0.00
87) Perylene-d12	24.64	264	516501	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	584310	130.08	ng	0.00
7) Phenol-d6	7.09	99	783137	129.83	ng	0.00
23) Nitrobenzene-d5	9.07	82	411359	68.94	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	365968	128.57	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	973151	67.21	ng	0.00
79) Terphenyl-d14	19.92	244	1646088	66.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	73987	36.661	ng	99
3) Pyridine	3.77	79	173991	32.359	ng	98
4) n-Nitrosodimethylamine	3.68	42	91160	40.573	ng	99
6) Aniline	7.24	93	242124	32.339	ng	99
8) 2-Chlorophenol	7.48	128	227918	46.168	ng	98
9) Benzaldehyde	7.04	77	104252	30.347	ng	94
10) Phenol	7.11	94	284761	47.702	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	205945	40.353	ng	99
12) 1,3-Dichlorobenzene	7.81	146	232224	39.399	ng	98
13) 1,4-Dichlorobenzene	7.95	146	233600	40.015	ng	99
14) 1,2-Dichlorobenzene	8.27	146	219298	39.743	ng	98
15) Benzyl Alcohol	8.15	79	189893	44.467	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	264547	38.298	ng	99
17) 2-Methylphenol	8.36	107	199936	46.943	ng	96
18) Hexachloroethane	9.00	117	84171	38.423	ng	96
19) n-Nitroso-di-n-propylamine	8.72	70	162442	40.409	ng	97
20) 3+4-Methylphenols	8.69	107	278113	47.381	ng	97
22) Acetophenone	8.73	105	312279	38.105	ng	99
24) Nitrobenzene	9.11	77	234420	40.242	ng	99
25) Isophorone	9.64	82	453279	40.756	ng	98
26) 2-Nitrophenol	9.83	139	131363	43.459	ng	99
27) 2,4-Dimethylphenol	9.89	122	225399	52.826	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	285864	38.530	ng	99
29) 2,4-Dichlorophenol	10.37	162	237274	45.989	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	227870	38.518	ng	100
31) Naphthalene	10.77	128	679681	41.585	ng	100
32) Benzoic acid	10.04	122	99468	39.114	ng	96
33) 4-Chloroaniline	10.87	127	181690	24.442	ng	99
34) Hexachlorobutadiene	11.06	225	129001	35.438	ng	99
35) Caprolactam	11.64	113	98065m	51.888	ng	
36) 4-Chloro-3-methylphenol	12.01	107	261126	48.274	ng	99
37) 2-Methylnaphthalene	12.38	142	512722	42.251	ng	100
38) 1-Methylnaphthalene	12.59	142	489212	42.760	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	250718	34.567	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044302.D
 Acq On : 5 Feb 2020 13:29
 Operator : CG/JU
 Sample : PB126599BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126599BS

Manual Integrations
 APPROVED

mohammad
 2/6/2020 2:19:19 PM

Quant Time: Feb 06 01:19:06 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	12.74	237	255061	73.287	nq	99
43) 2,4,6-Trichlorophenol	12.99	196	198437	42.326	nq	99
44) 2,4,5-Trichlorophenol	13.06	196	224928	46.972	nq	98
46) 1,1'-Biphenyl	13.39	154	667776	38.181	nq	99
47) 2-Chloronaphthalene	13.43	162	526794	37.851	nq	99
48) 2-Nitroaniline	13.63	65	172027	41.883	nq	97
49) Acenaphthylene	14.27	152	863339	42.293	nq	100
50) Dimethylphthalate	14.01	163	720036	41.311	nq	99
51) 2,6-Dinitrotoluene	14.12	165	169901	43.719	nq	98
52) Acenaphthene	14.62	154	533071	40.289	nq	98
53) 3-Nitroaniline	14.45	138	127505	29.656	nq	100
54) 2,4-Dinitrophenol	14.66	184	195872	84.578	nq	98
55) Dibenzofuran	14.95	168	849673	42.414	nq	99
56) 4-Nitrophenol	14.77	139	320275	101.693	nq	99
57) 2,4-Dinitrotoluene	14.92	165	242370	44.497	nq	97
58) Fluorene	15.60	166	683795	43.337	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	204318	47.237	nq	99
60) Diethylphthalate	15.38	149	744284	42.855	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	351794	41.120	nq	99
62) 4-Nitroaniline	15.62	138	174840	40.696	nq	99
63) Azobenzene	15.89	77	659062	43.299	nq	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	145606	45.875	nq	97
66) n-Nitrosodiphenylamine	15.81	169	655368	40.671	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	241795	38.597	nq	98
68) Hexachlorobenzene	16.61	284	263980	37.613	nq	99
69) Atrazine	16.76	200	251074	45.459	nq	99
70) Pentachlorophenol	16.95	266	302304	84.974	nq	96
71) Phenanthrene	17.34	178	1132086	40.659	nq	99
72) Anthracene	17.43	178	1154067	41.924	nq	100
73) Carbazole	17.70	167	1043045	41.101	nq	100
74) Di-n-butylphthalate	18.26	149	1268192	40.439	nq	100
75) Fluoranthene	19.35	202	1320745	41.004	nq	99
77) Benzidine	19.53	184	396440	28.151	nq	99
78) Pyrene	19.71	202	1325025	40.639	nq	99
80) Butylbenzylphthalate	20.60	149	597595	40.220	nq	97
81) Benzo(a)anthracene	21.53	228	1294899	41.384	nq	100
82) 3,3'-Dichlorobenzidine	21.44	252	400941	33.016	nq	98
83) Chrysene	21.59	228	1232782	40.760	nq	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	832755	40.719	nq	100
85) Di-n-octyl phthalate	22.62	149	1471519	41.586	nq	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1583534	40.131	nq	99
88) Benzo(b)fluoranthene	23.66	252	1390184	46.709	nq	99
89) Benzo(k)fluoranthene	23.73	252	1323713	45.633	nq	100
90) Benzo(a)pyrene	24.50	252	1271107	45.171	nq	99
91) Dibenzo(a,h)anthracene	28.22	278	1309280	47.013	nq	98
92) Benzo(g,h,i)perylene	29.25	276	1343006	48.172	nq	99

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

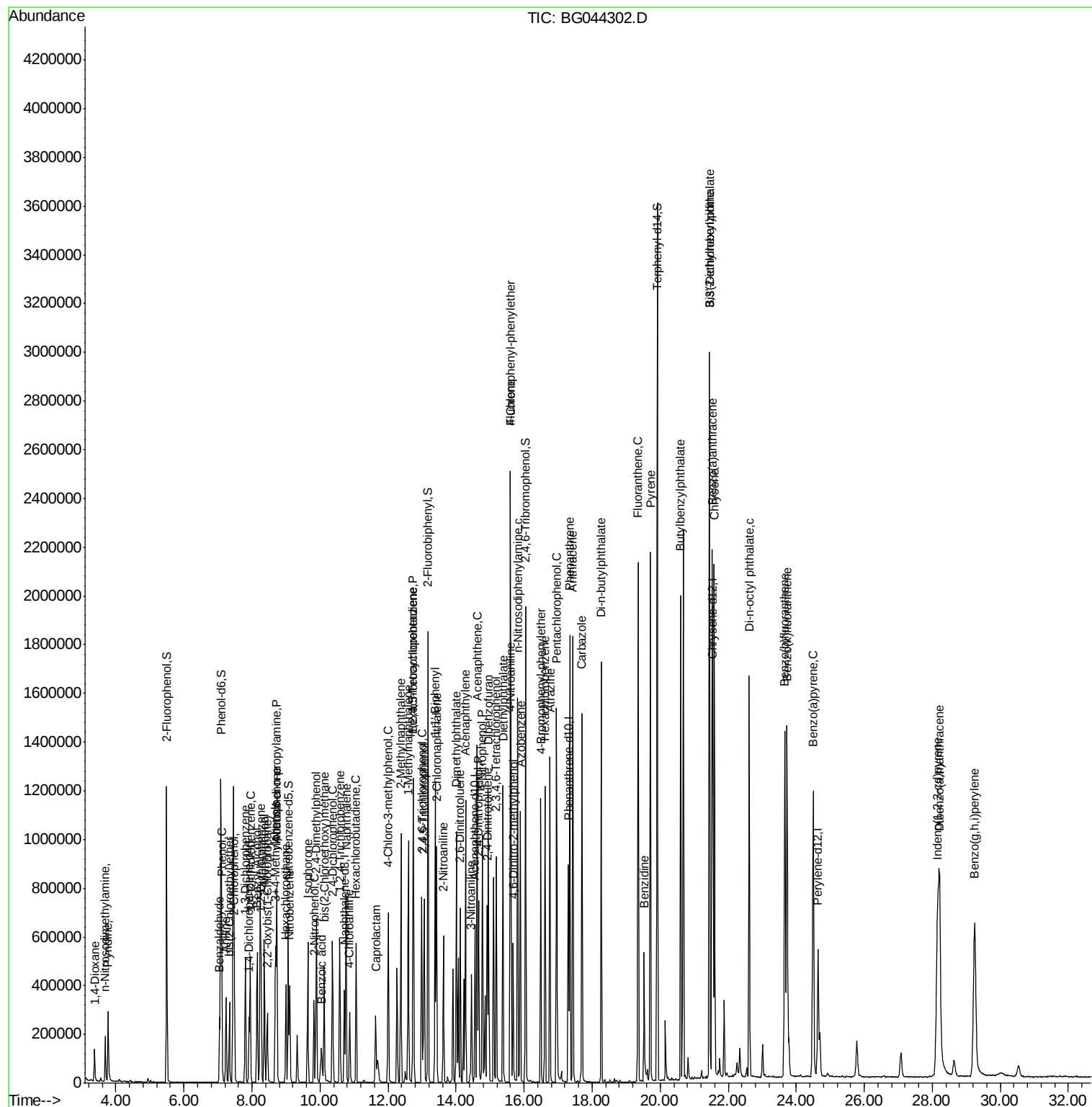
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044302.D
Acq On : 5 Feb 2020 13:29
Operator : CG/JU
Sample : PB126599BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

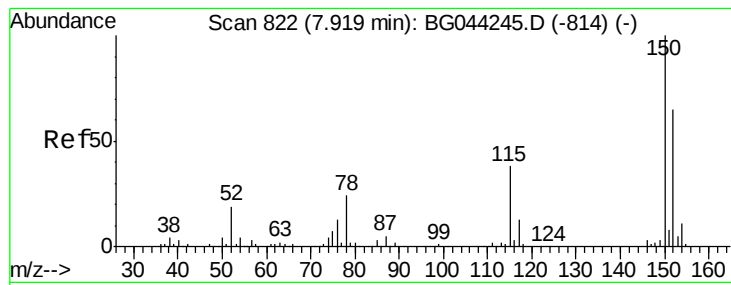
Instrument :
BNA_G
ClientSampleId :
PB126599BS

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM

Quant Time: Feb 06 01:19:06 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





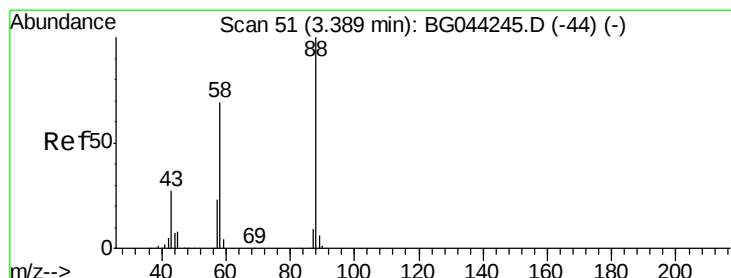
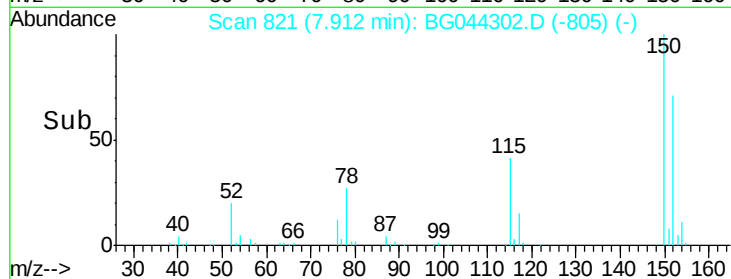
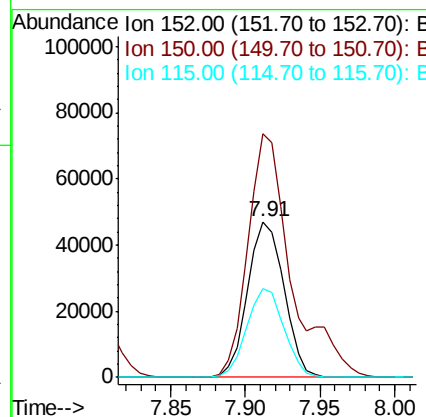
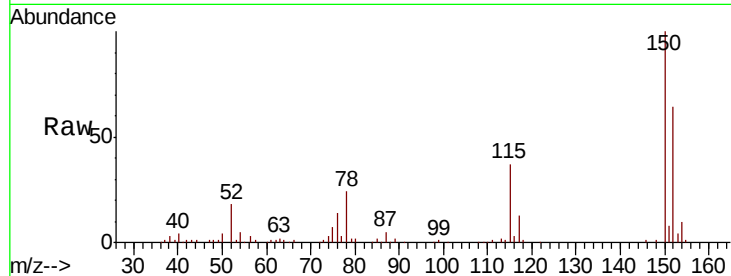
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :
 PB126599BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.6	183.8
115	57.2	46.0	69.0

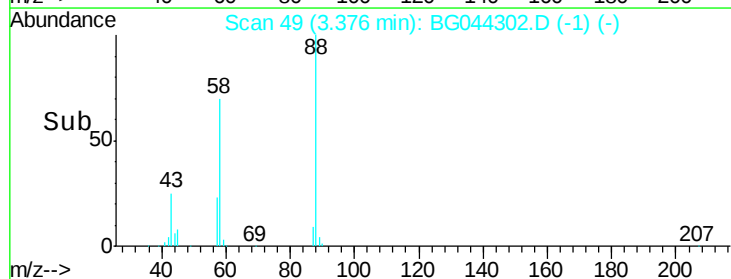
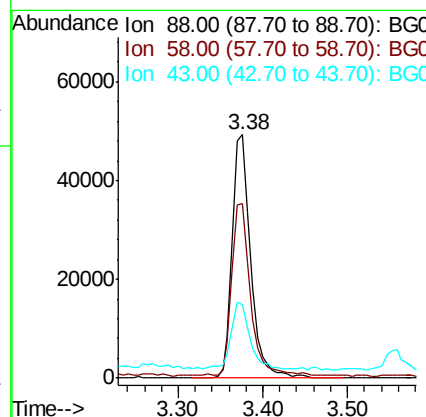
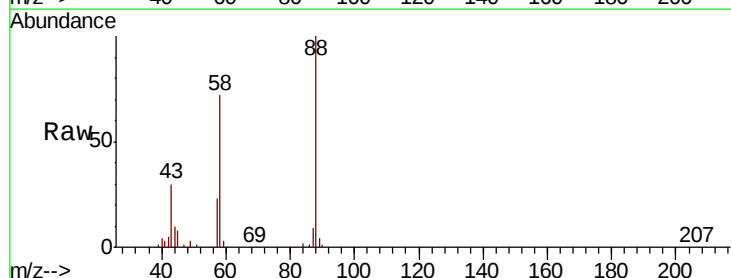
Manual Integrations
 APPROVED

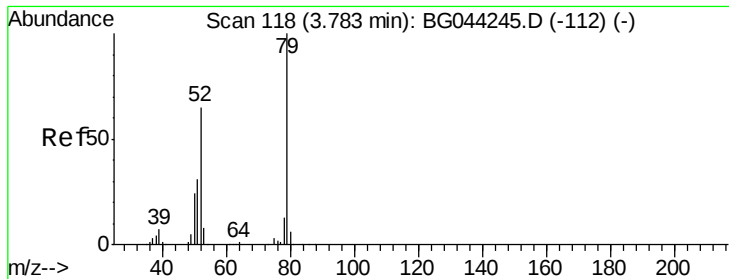
mohammad
 2/6/2020 2:19:19 PM



#2
 1,4-Dioxane
 Concen: 36.661 ng
 RT: 3.38 min Scan# 49
 Delta R.T. -0.01 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	55.8	83.6
43	27.7	21.6	32.4





#3

Pvridine

Concen: 32.359 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

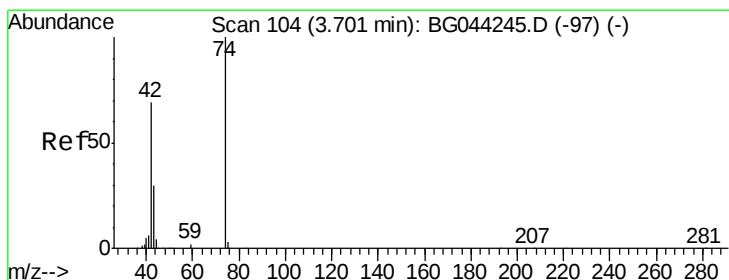
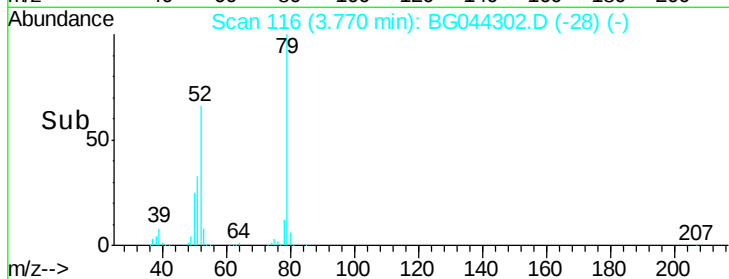
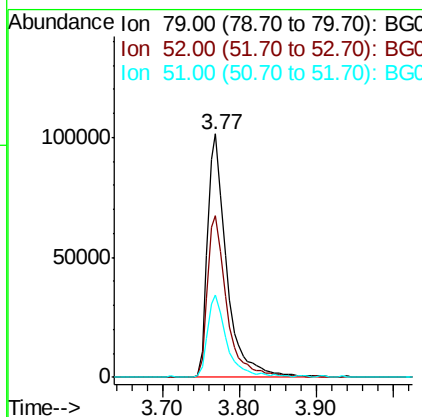
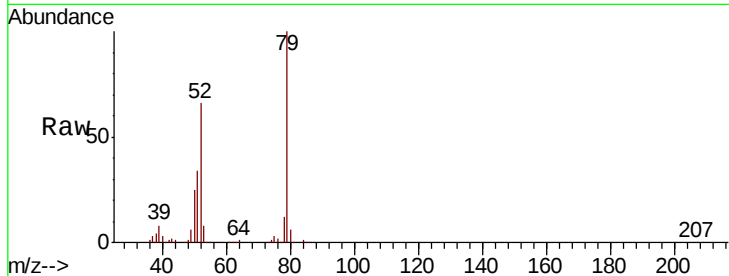
ClientSampleId :

PB126599BS

Tot Ion:	79	Resp:	173991
Ion	Ratio	Lower	Upper
79	100		
52	66.2	51.9	77.9
51	33.6	25.3	37.9

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



#4

n-Nitrosodimethylamine

Concen: 40.573 ng

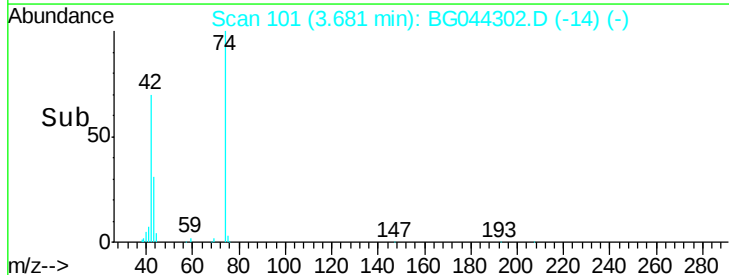
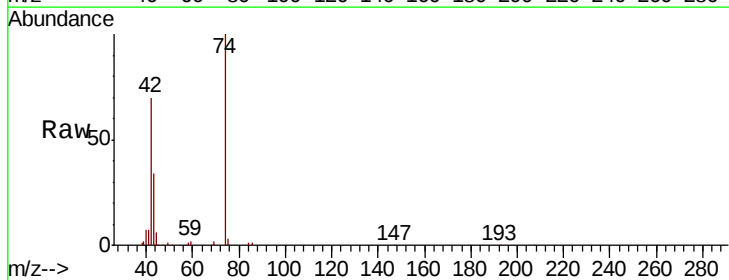
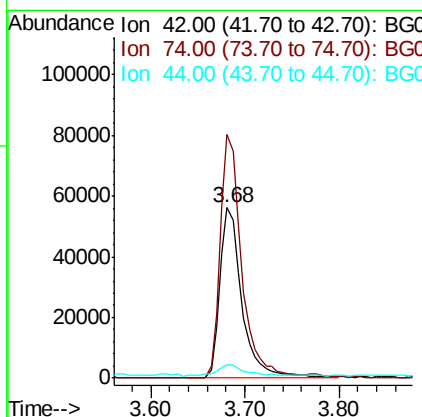
RT: 3.68 min Scan# 101

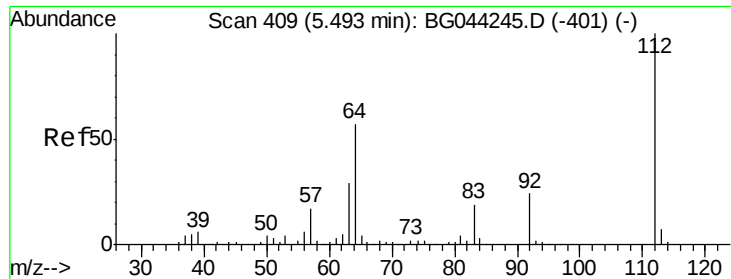
Delta R.T. -0.02 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Tgt Ion:	42	Resp:	91160
Ion	Ratio	Lower	Upper
42	100		
74	143.1	115.1	172.7
44	8.0	5.6	8.4





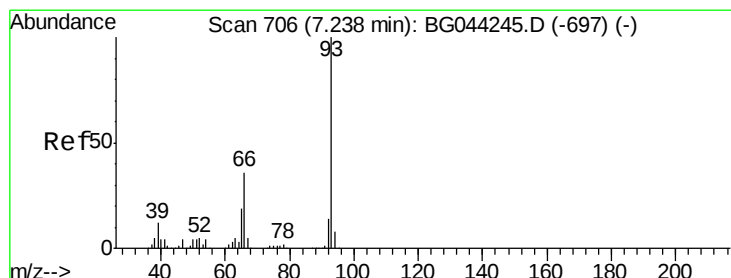
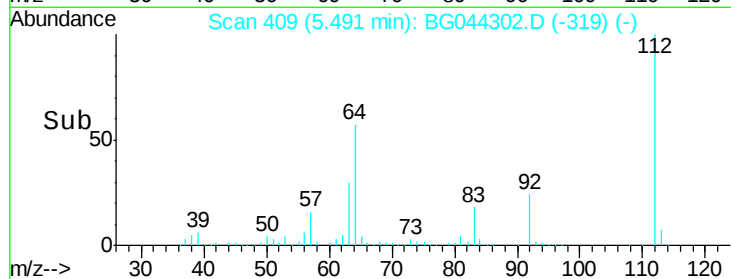
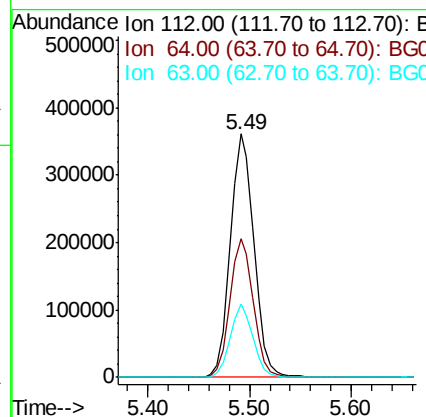
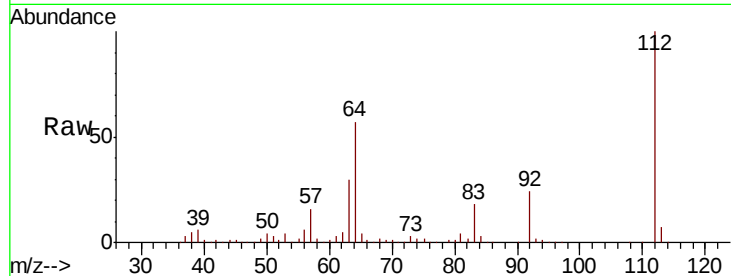
#5
2-Fluorophenol
Concen: 130.082 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.2	45.4	68.2
63	30.0	22.9	34.3

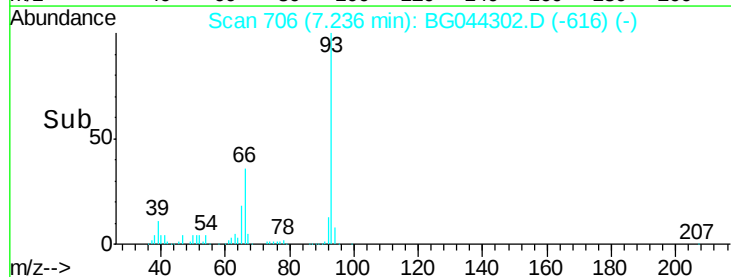
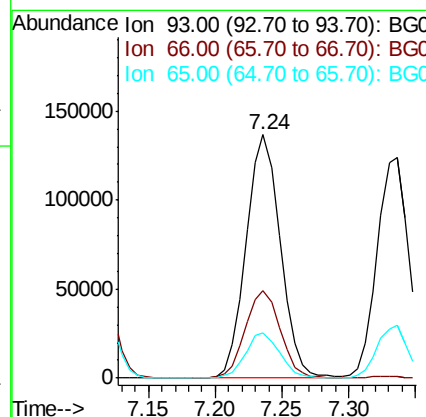
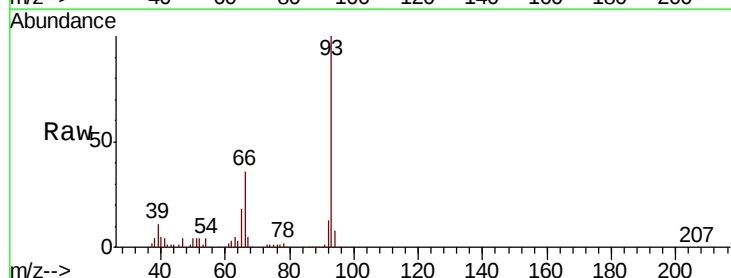
Manual Integrations
APPROVED

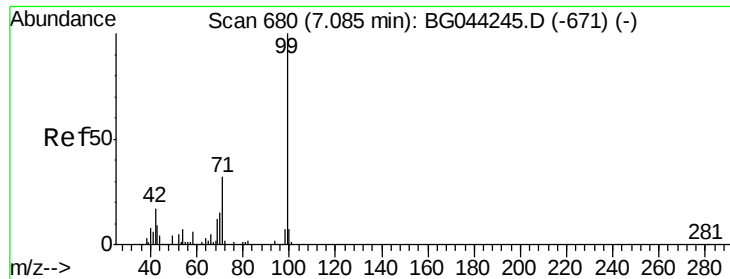
mohammad
2/6/2020 2:19:19 PM



#6
Aniline
Concen: 32.339 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	35.7	28.7	43.1
65	18.4	15.4	23.0





#7

Phenol-d6

Concen: 129.833 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

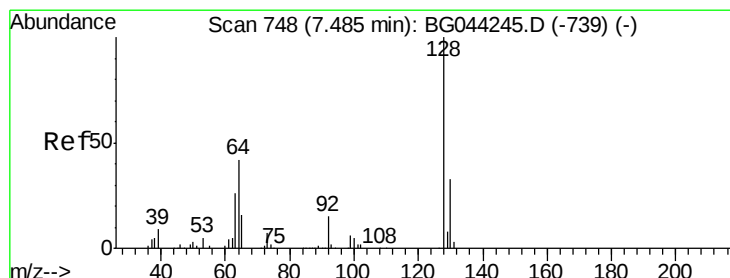
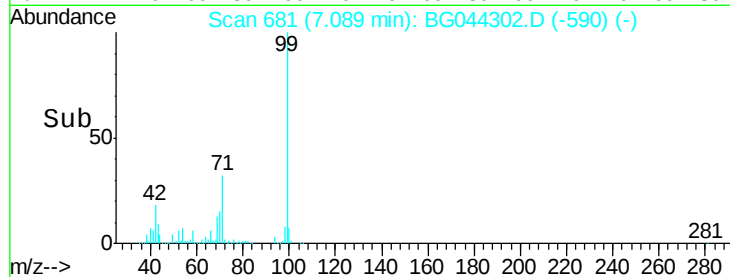
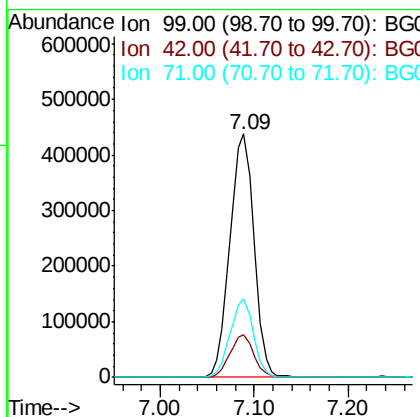
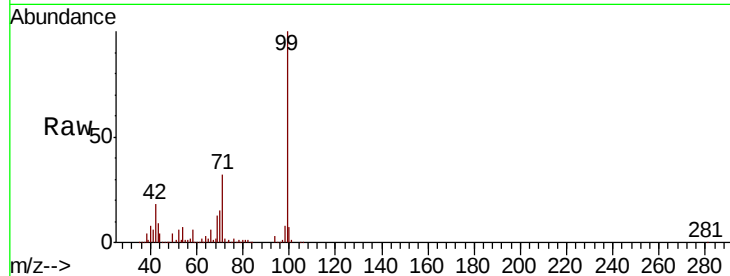
ClientSampleId :

PB126599BS

Tot Ion:	99	Resp:	783137
Ion Ratio	Lower	Upper	
99	100		
42	17.5	13.8	20.6
71	32.0	25.5	38.3

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



#8

2-Chlorophenol

Concen: 46.168 ng

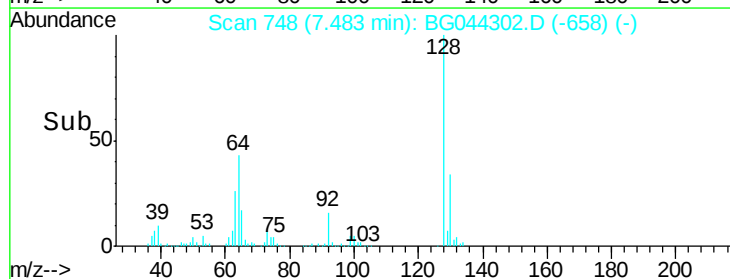
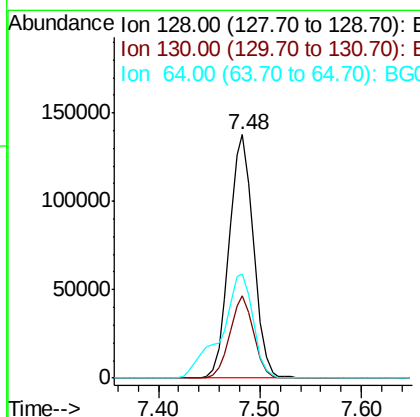
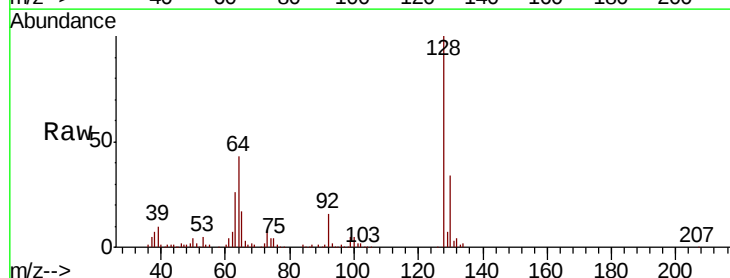
RT: 7.48 min Scan# 748

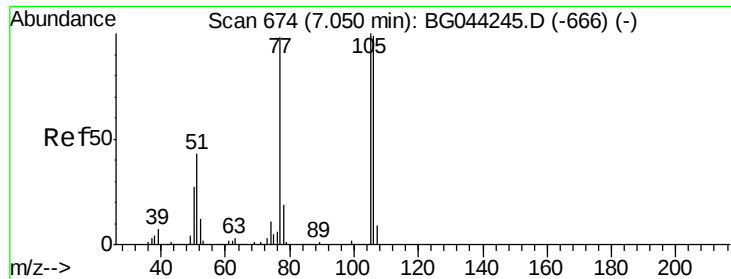
Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Tgt Ion:	128	Resp:	227918
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.5	52.5
64	42.6	24.2	64.2





#9

Benzaldehyde

Concen: 30.347 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

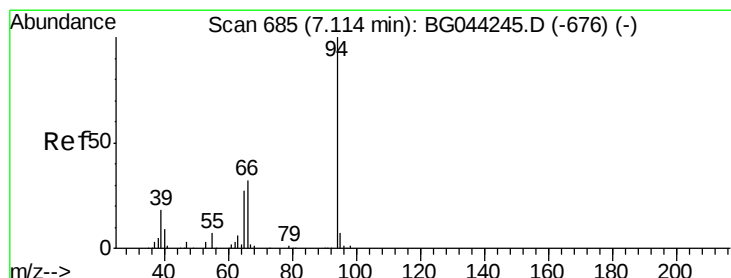
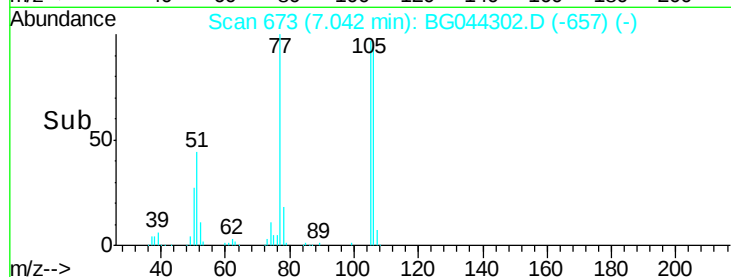
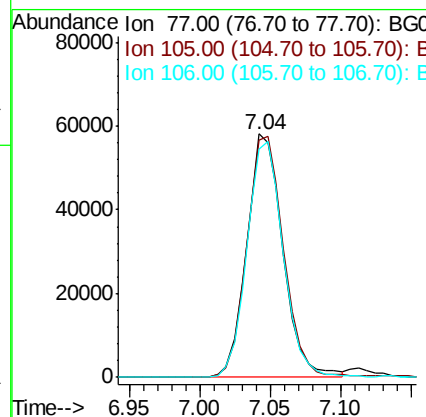
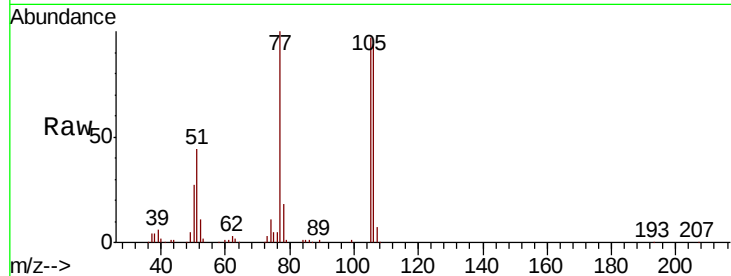
ClientSampleId :

PB126599BS

Tot Ion:	77	Resp:	104252
Ion	Ratio	Lower	Upper
77	100		
105	97.3	82.0	122.0
106	93.9	80.7	120.7

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



#10

Phenol

Concen: 47.702 ng

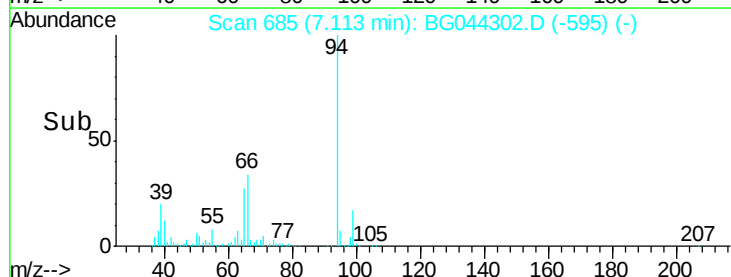
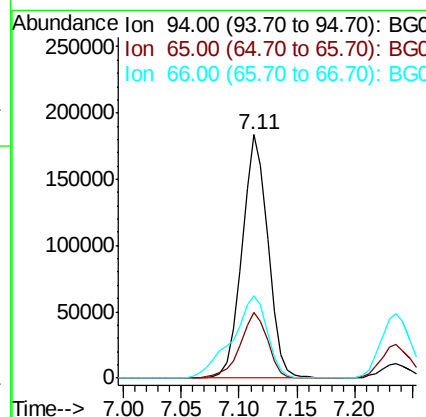
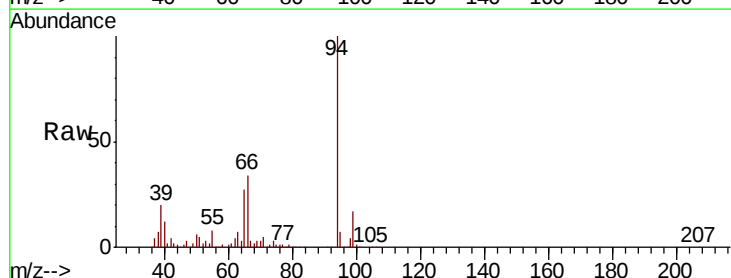
RT: 7.11 min Scan# 685

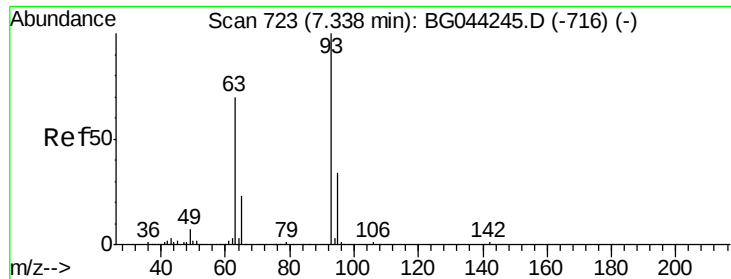
Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Tgt Ion:	94	Resp:	284761
Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.0	47.0
66	33.7	12.7	52.7





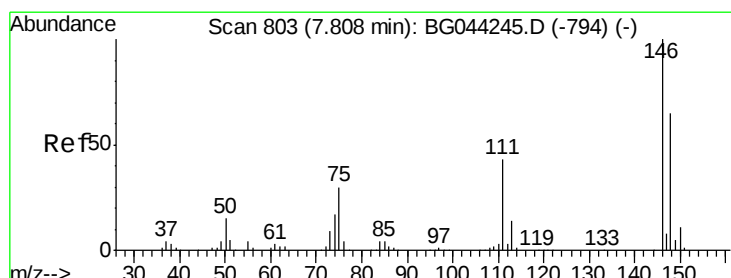
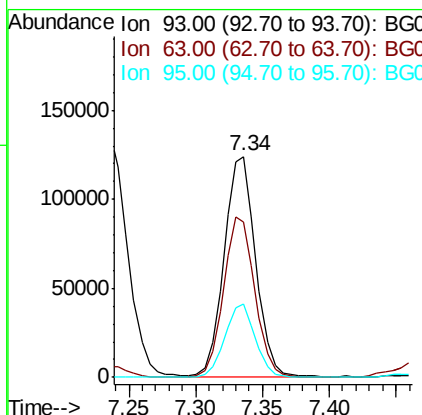
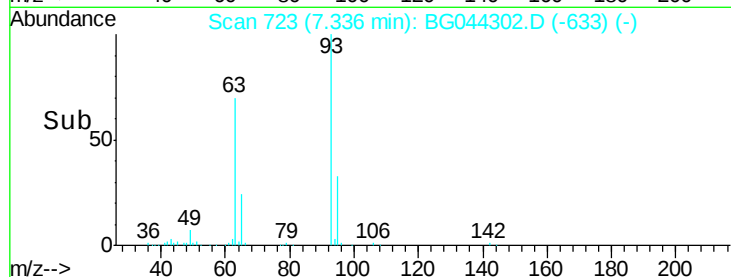
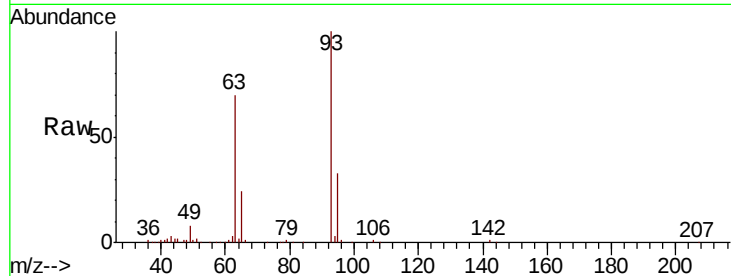
#11
bis(2-Chloroethyl)ether
Concen: 40.353 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion	93	Resp	205945
Ion Ratio	Lower	Upper	
93	100		
63	70.5	49.2	89.2
95	33.1	13.6	53.6

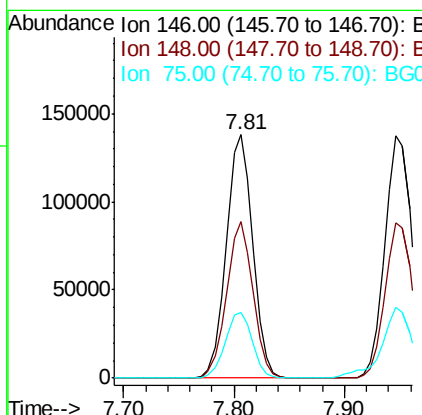
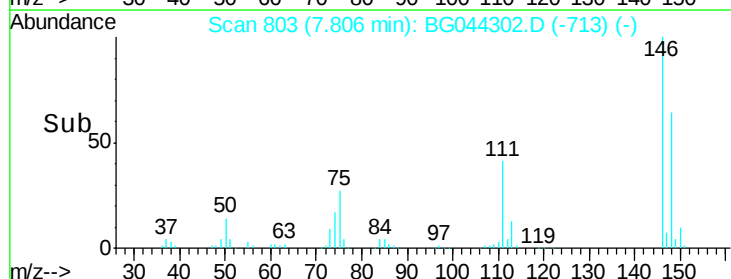
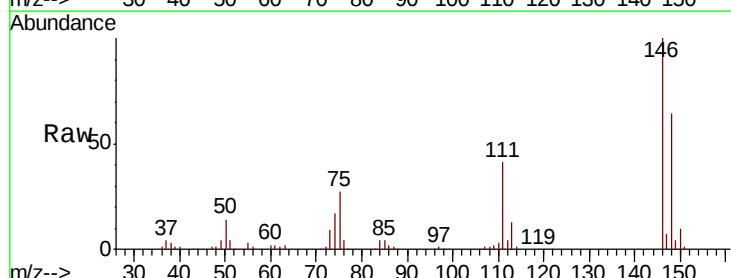
Manual Integrations
APPROVED

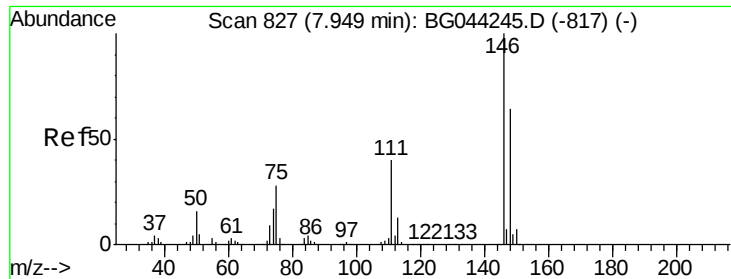
mohammad
2/6/2020 2:19:19 PM



#12
1,3-Dichlorobenzene
Concen: 39.399 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	146	Resp	232224
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.8
75	27.0	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 40.015 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

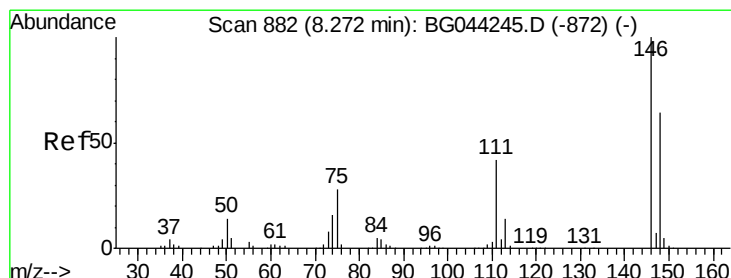
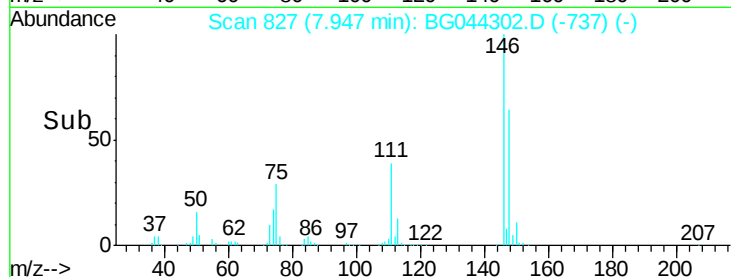
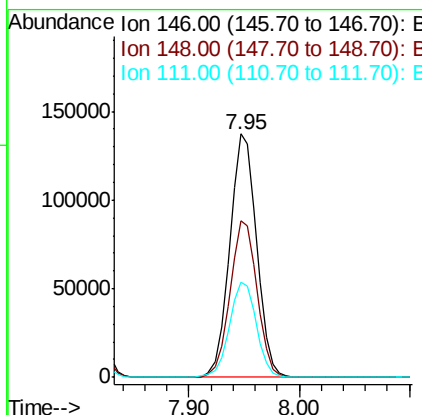
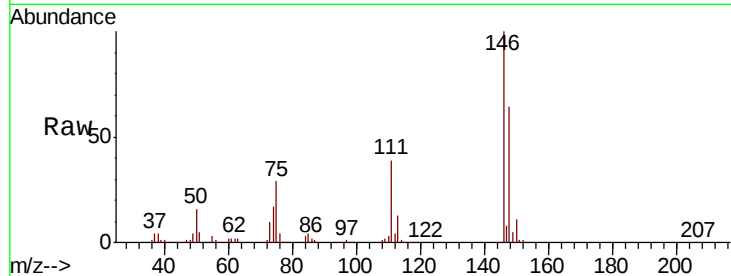
ClientSampleId :

PB126599BS

Tot Ion:	146	Resp:	233600
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.4	77.0
111	39.0	31.8	47.8

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



#14

1,2-Dichlorobenzene

Concen: 39.743 ng

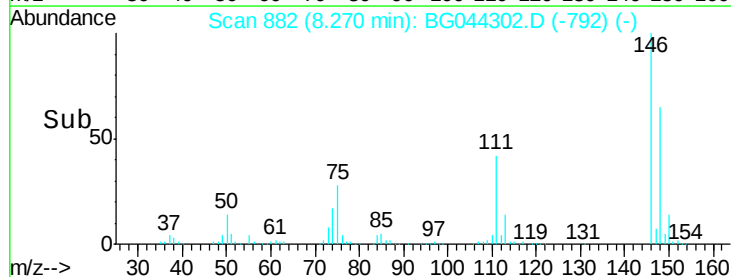
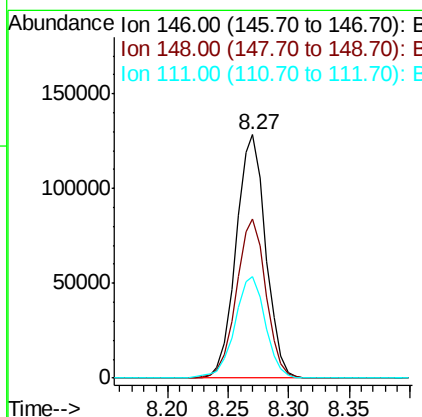
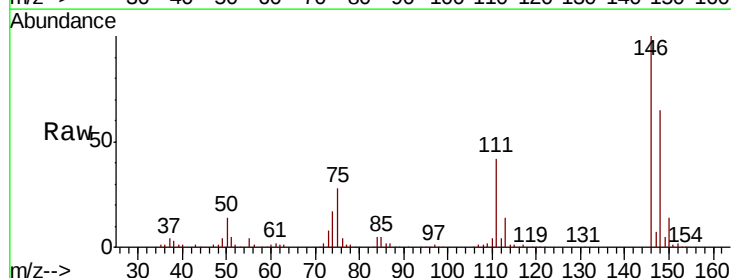
RT: 8.27 min Scan# 882

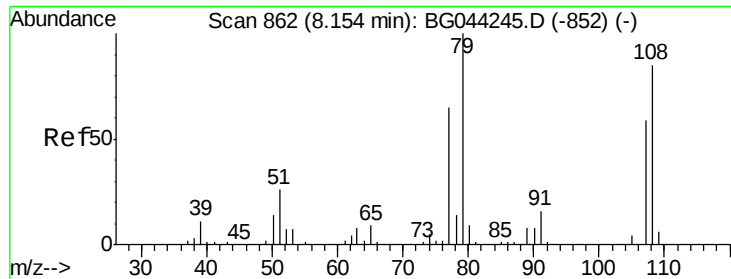
Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Tgt Ion:	146	Resp:	219298
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.2	76.8
111	41.6	34.0	51.0





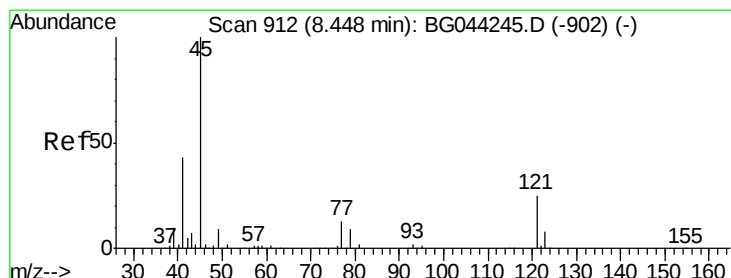
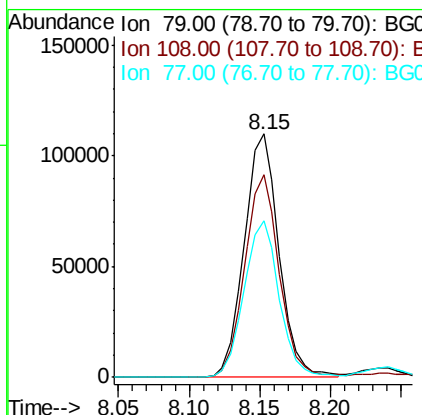
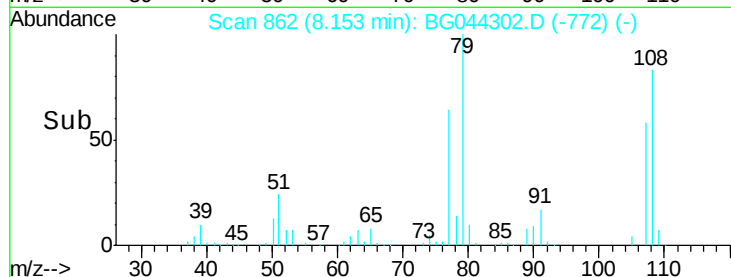
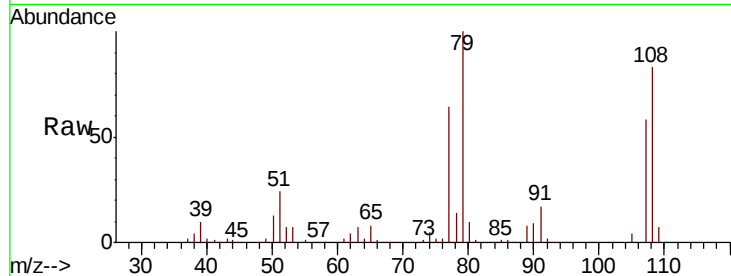
#15
Benzyl Alcohol
Concen: 44.467 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.3	68.3	102.5
77	64.2	51.8	77.8

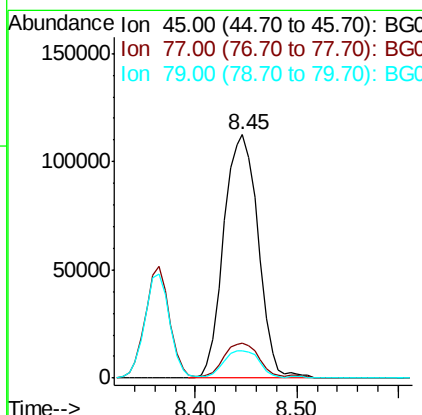
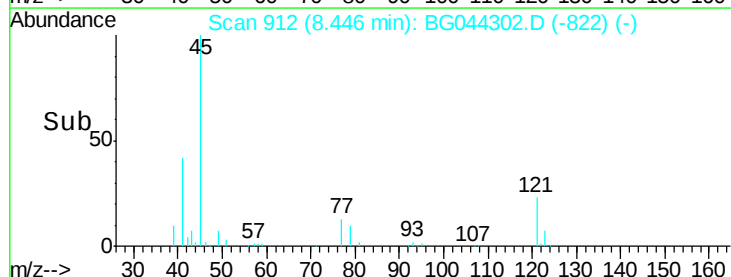
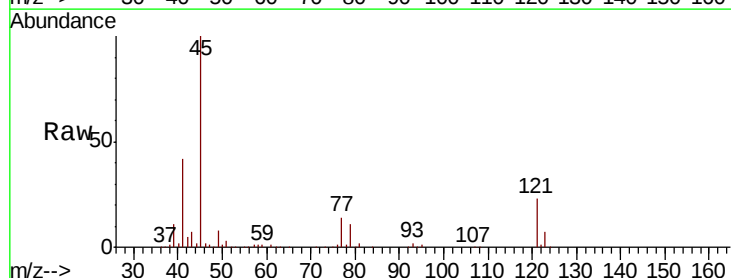
Manual Integrations
APPROVED

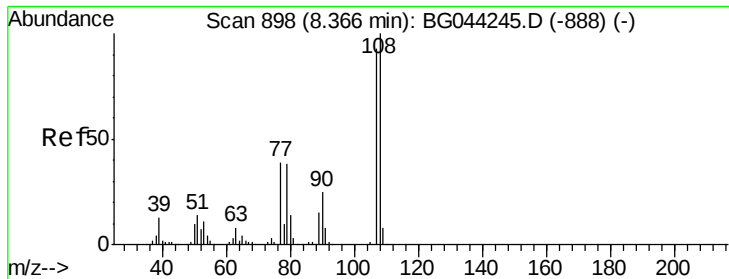
mohammad
2/6/2020 2:19:19 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.298 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	35.2
79	11.2	0.0	31.1





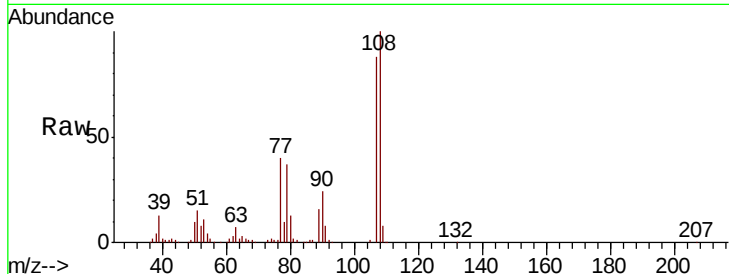
#17
2-Methylphenol
Concen: 46.943 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

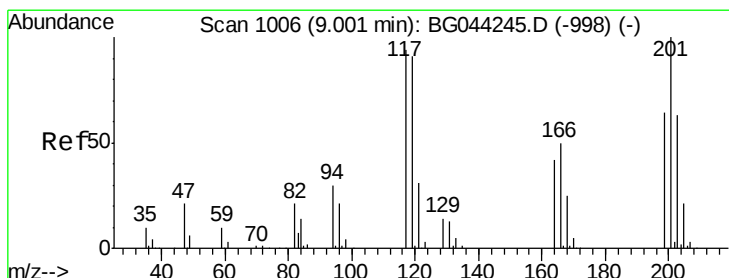
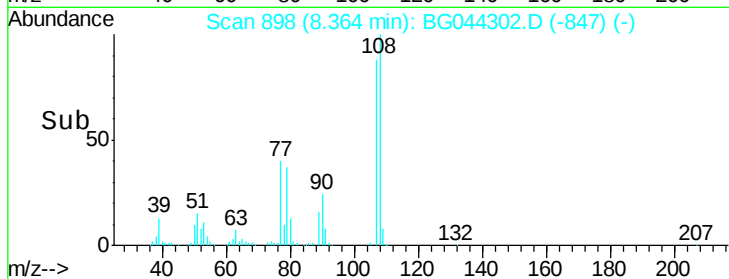
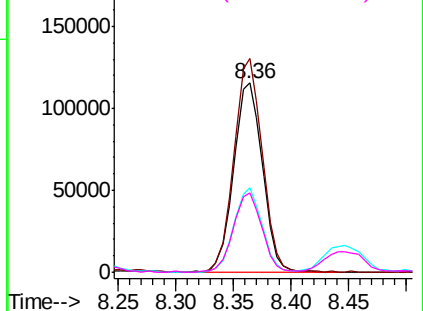
Tot Ion	Ratio	Resp	Lower	Upper
107	100	199936		
108	113.1	86.4	129.6	
77	44.9	34.0	51.0	
79	41.9	32.9	49.3	

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM

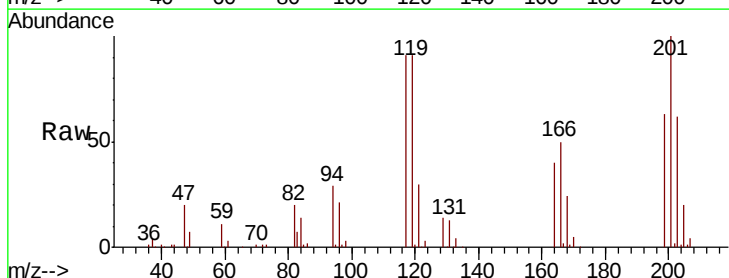


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
150000 Ion 77.00 (76.70 to 77.70): BG
100000 Ion 79.00 (78.70 to 79.70): BG
50000
0

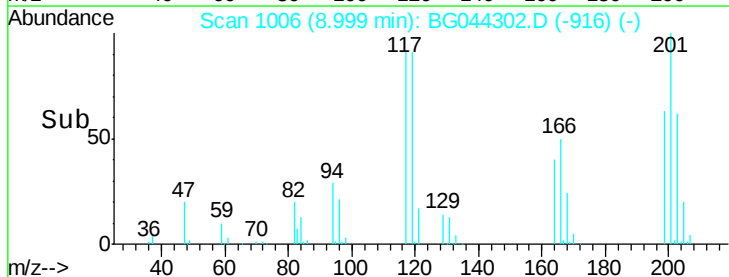
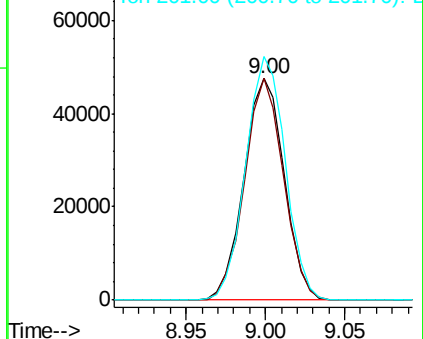


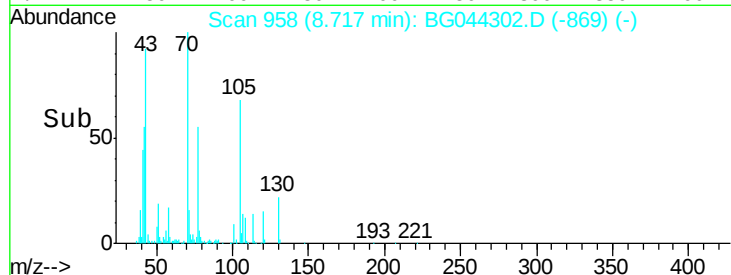
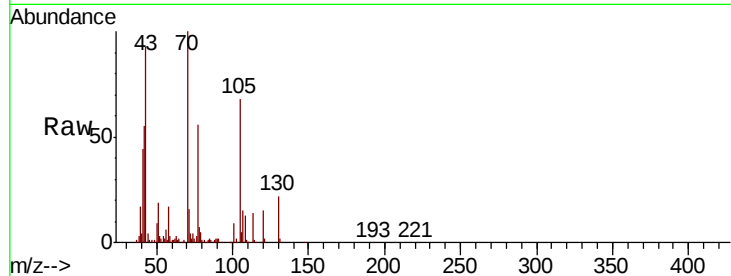
#18
Hexachloroethane
Concen: 38.423 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	84171		
119	100.2	77.5	116.3	
201	109.9	84.9	127.3	



Abundance Ion 117.00 (116.70 to 117.70): E
60000 Ion 119.00 (118.70 to 119.70): E
40000 Ion 201.00 (200.70 to 201.70): E
20000
0





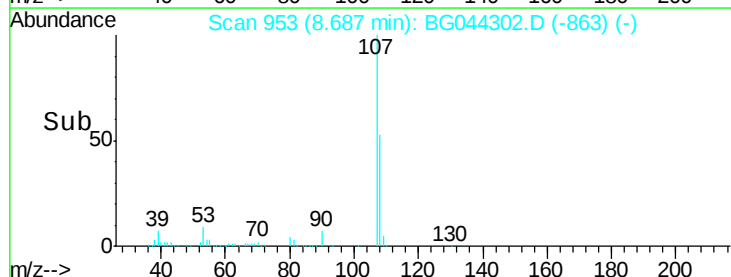
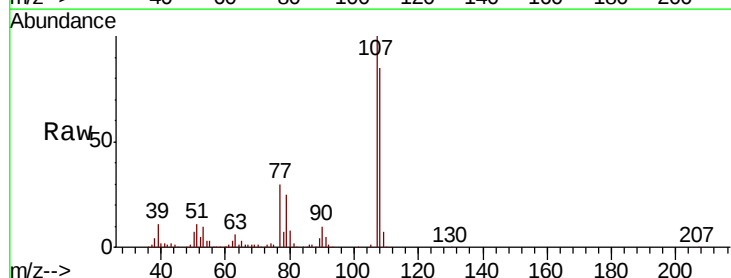
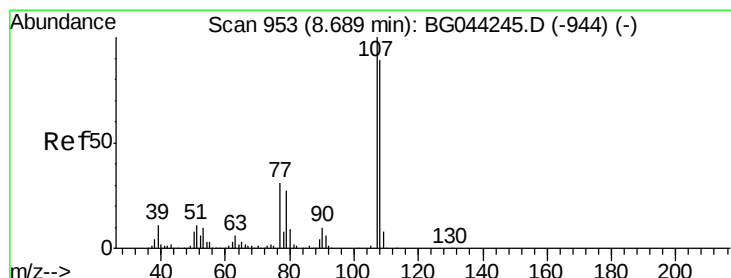
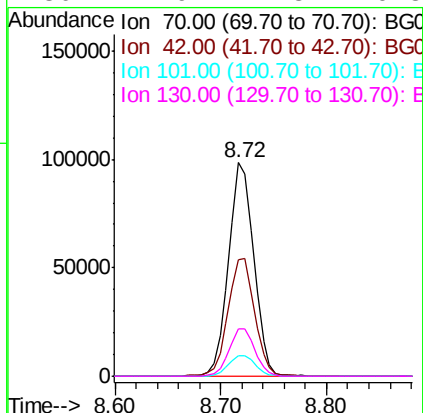
#19
n-Nitroso-di-n-propylamine
Concen: 40.409 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.8	46.2	69.2
101	9.5	8.4	12.6
130	21.9	17.8	26.8

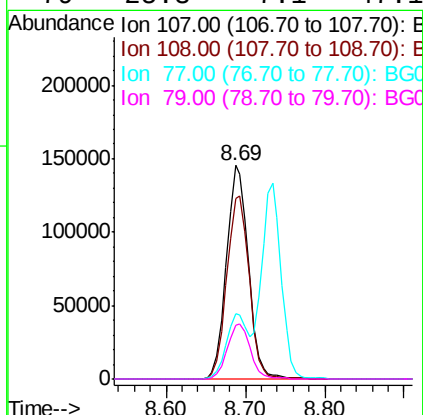
Manual Integrations
APPROVED

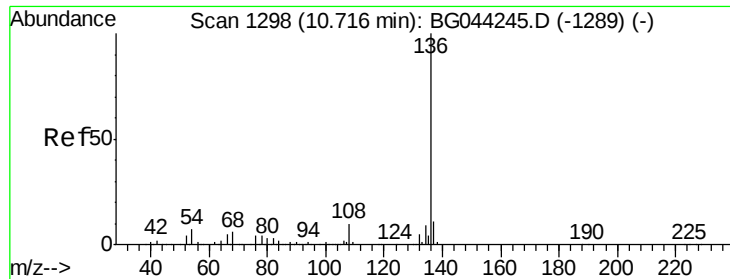
mohammad
2/6/2020 2:19:19 PM



#20
3+4-Methylphenols
Concen: 47.381 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.8	68.5	108.5
77	30.4	10.9	50.9
79	25.3	7.1	47.1





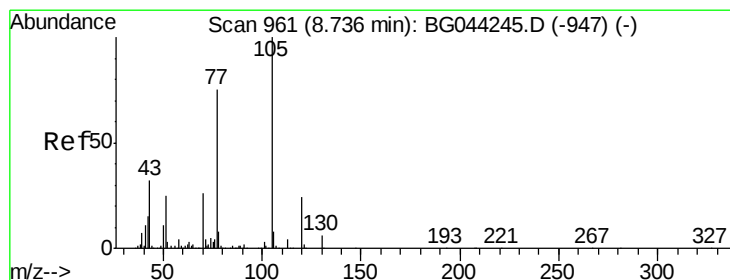
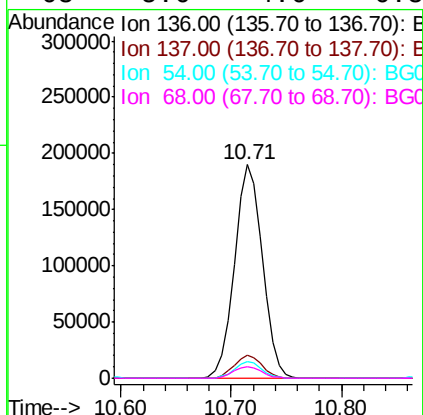
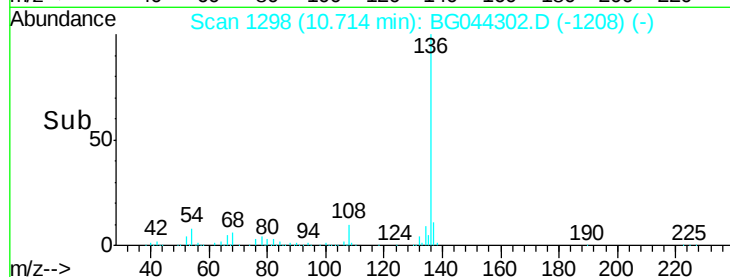
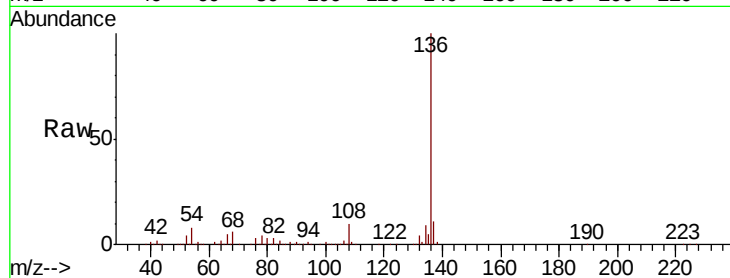
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		336876		
137	11.1		8.8	13.2	
54	7.5		5.8	8.8	
68	5.6		4.6	6.8	

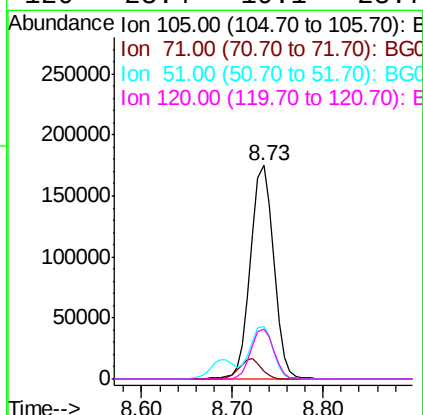
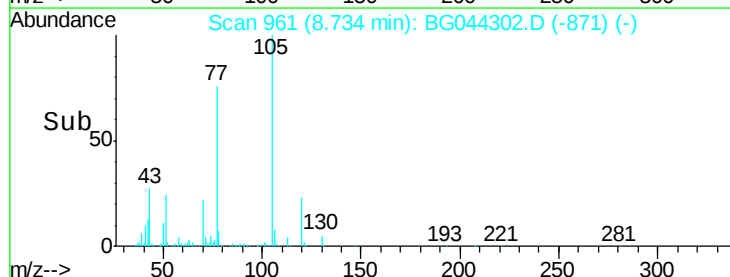
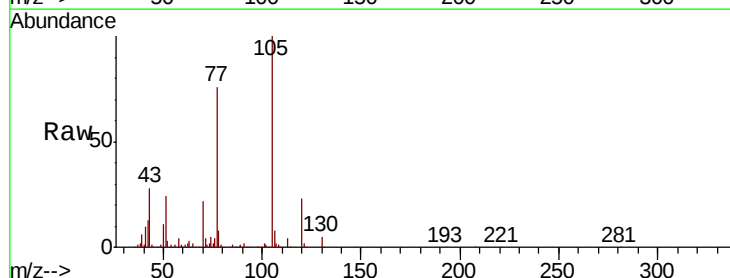
Manual Integrations
APPROVED

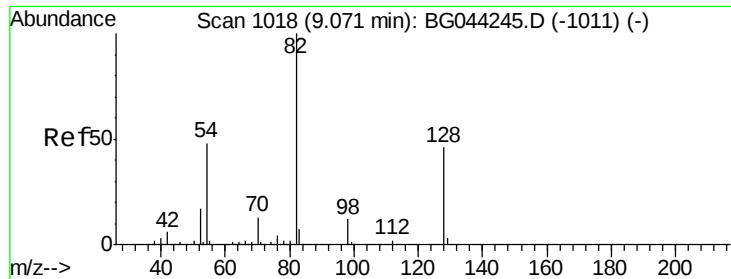
mohammad
2/6/2020 2:19:19 PM



#22
Acetophenone
Concen: 38.105 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		312279		
71	3.6		3.4	5.0	
51	24.4		20.2	30.4	
120	23.4		19.1	28.7	





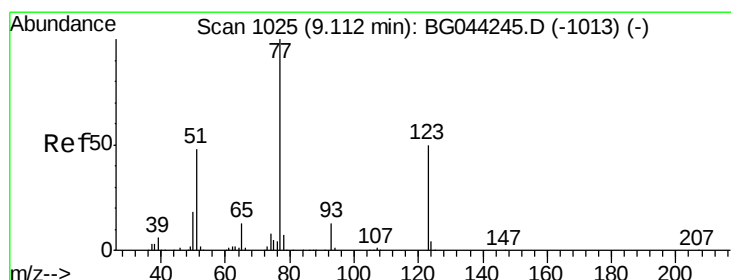
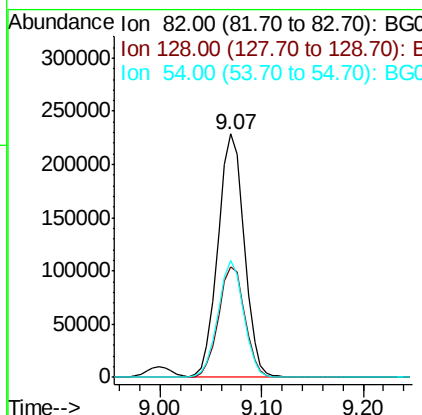
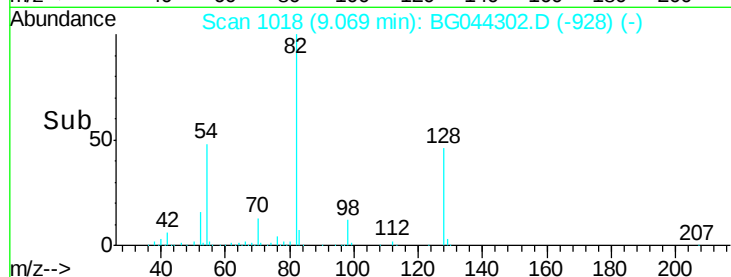
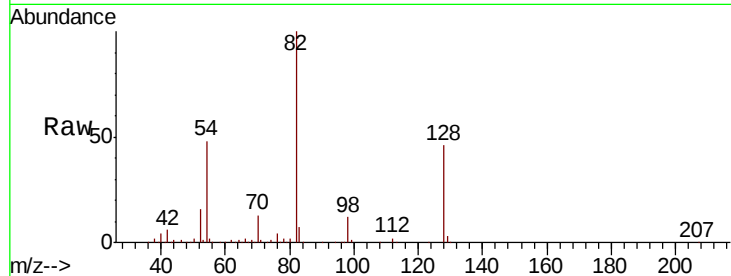
#23
 Nitrobenzene-d5
 Concen: 68.939 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :
 PB126599BS

Tot Ion	82	Resp	411359
Ion Ratio	100	Lower	Upper
128	45.6	36.5	54.7
54	47.9	38.6	58.0

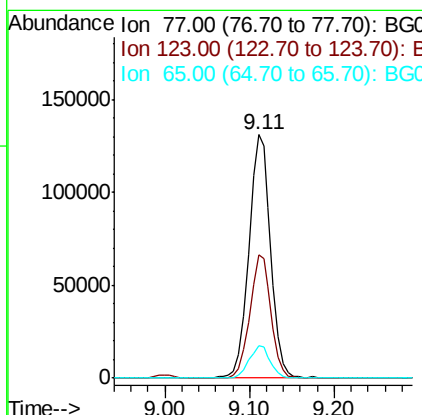
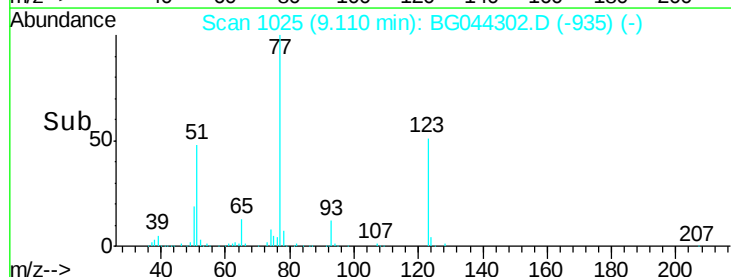
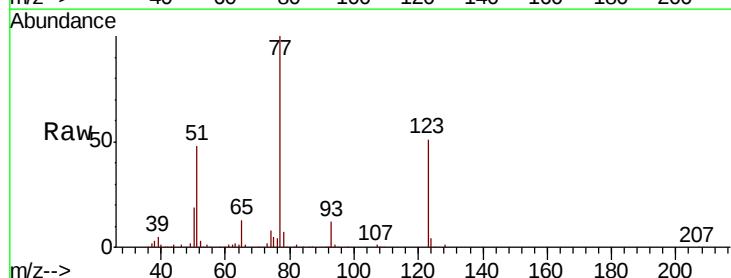
Manual Integrations
 APPROVED

mohammad
 2/6/2020 2:19:19 PM



#24
 Nitrobenzene
 Concen: 40.242 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	77	Resp	234420
Ion Ratio	100	Lower	Upper
123	50.7	39.9	59.9
65	13.4	10.4	15.6





#25

Isophorone

Concen: 40.756 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

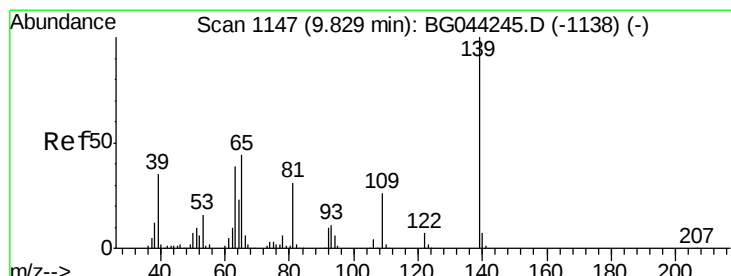
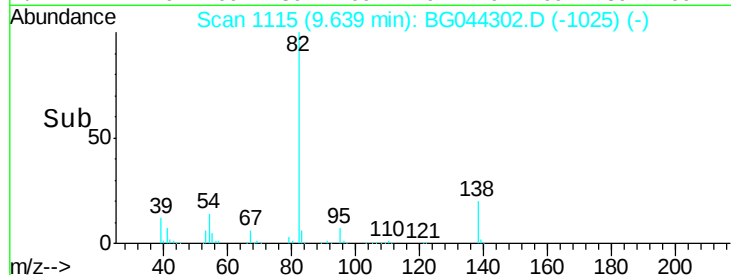
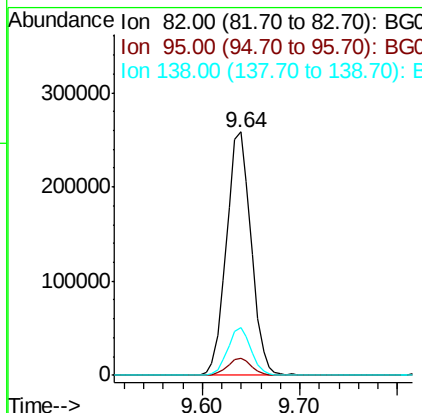
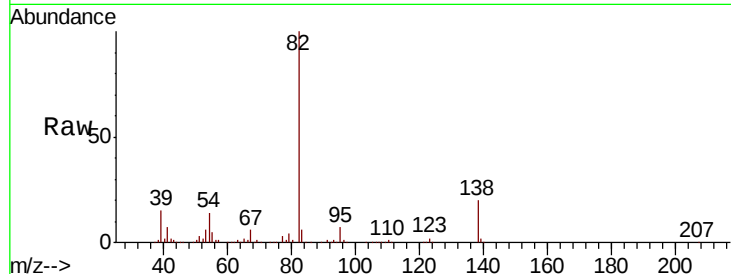
ClientSampleId :

PB126599BS

Tot Ion:	82	Resp:	453279
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.7	8.5
138	19.6	15.0	22.4

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



#26

2-Nitrophenol

Concen: 43.459 ng

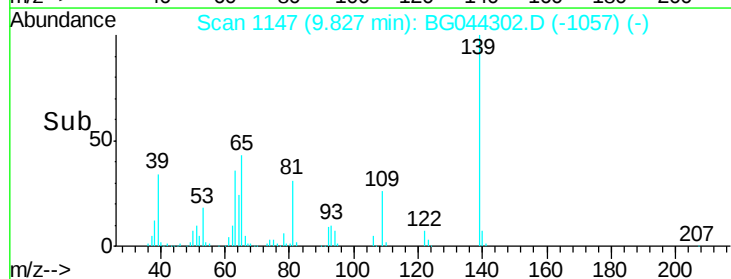
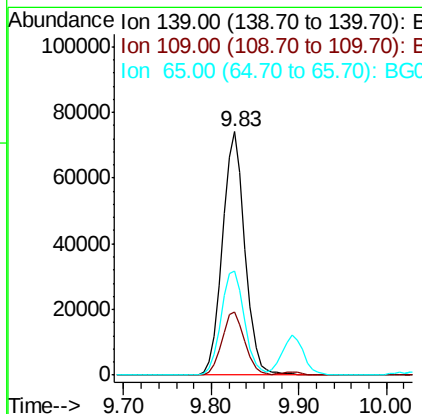
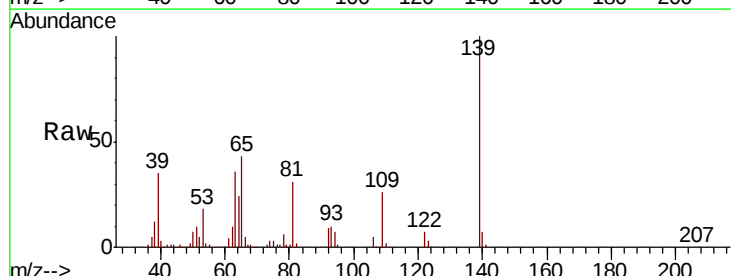
RT: 9.83 min Scan# 1147

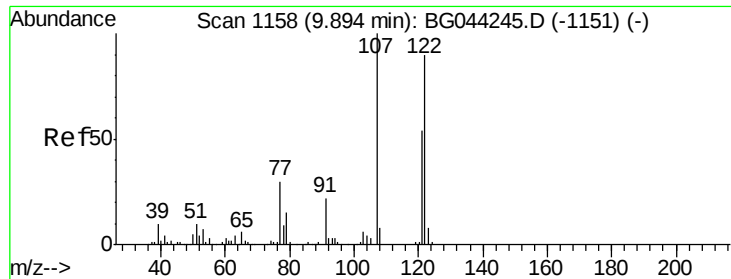
Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Tgt Ion:	139	Resp:	131363
Ion Ratio	Lower	Upper	
139	100		
109	25.7	21.0	31.4
65	42.7	35.0	52.4





#27

2,4-Dimethylphenol

Concen: 52.826 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

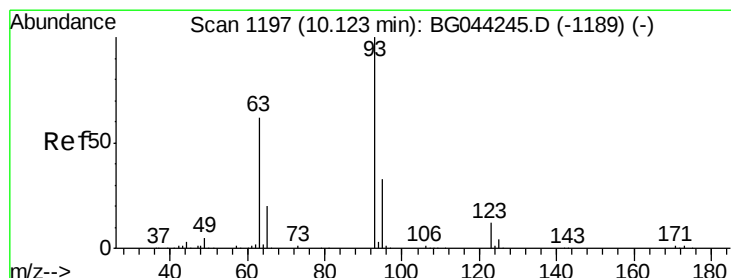
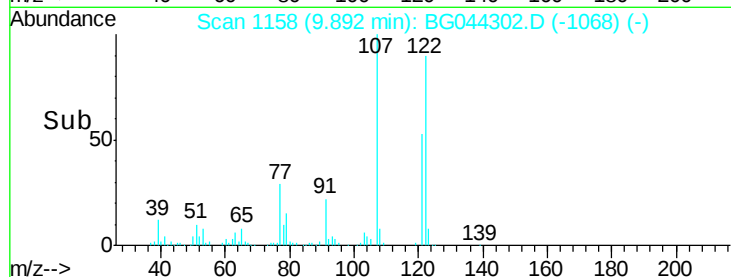
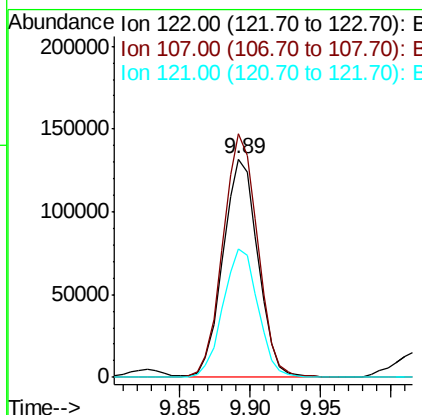
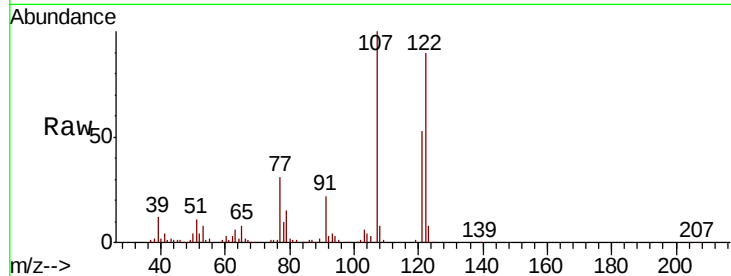
ClientSampleId :

PB126599BS

Tot Ion:	122	Resp:	225399
Ion Ratio	Lower	Upper	
122	100		
107	111.4	88.8	133.2
121	58.7	48.3	72.5

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



#28

bis(2-Chloroethoxy)methane

Concen: 38.530 ng

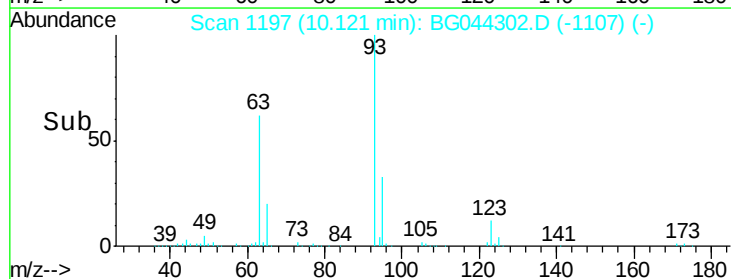
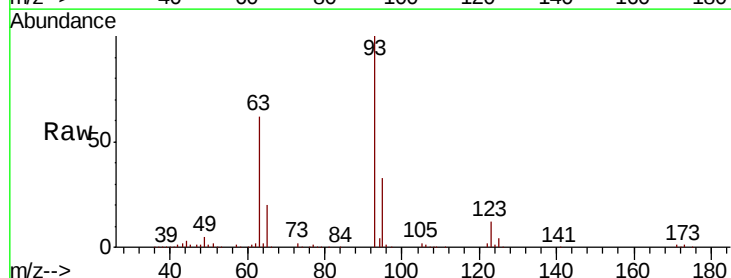
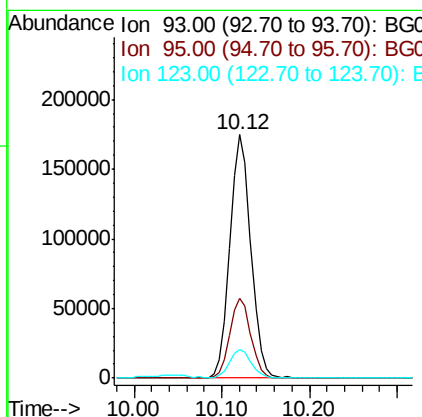
RT: 10.12 min Scan# 1197

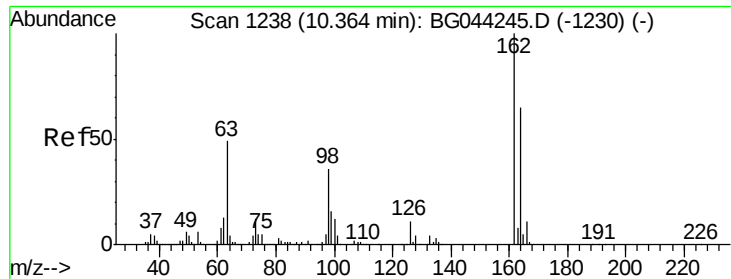
Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Tgt Ion:	93	Resp:	285864
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.6	40.0
123	11.9	10.0	15.0





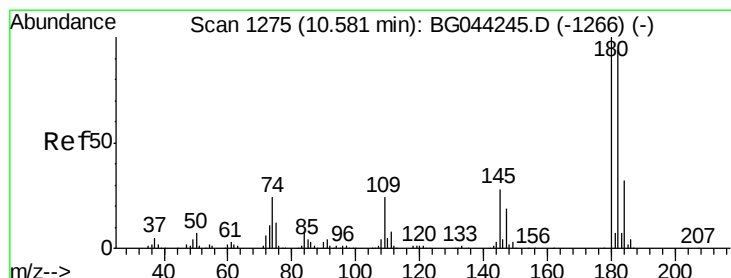
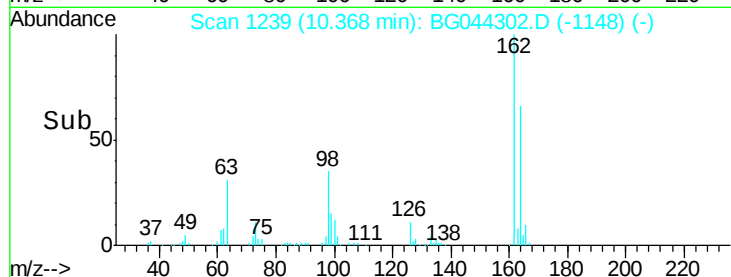
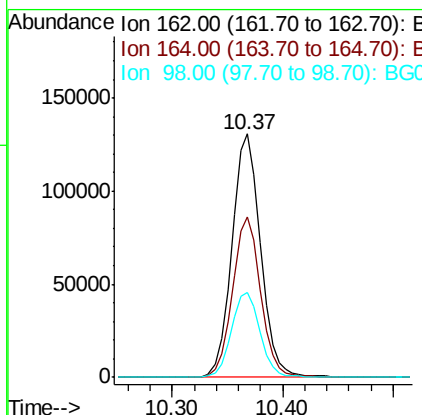
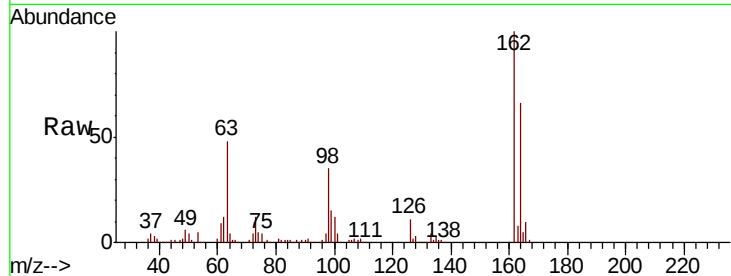
#29
2,4-Dichlorophenol
Concen: 45.989 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.7	84.7
98	35.1	15.8	55.8

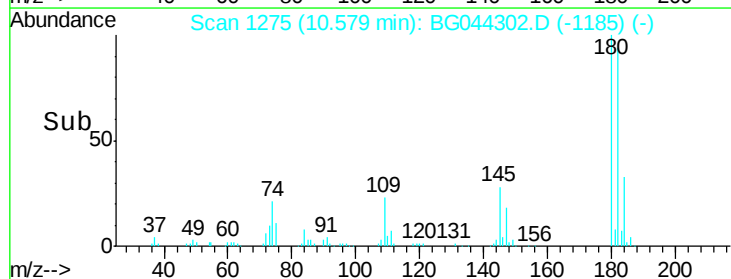
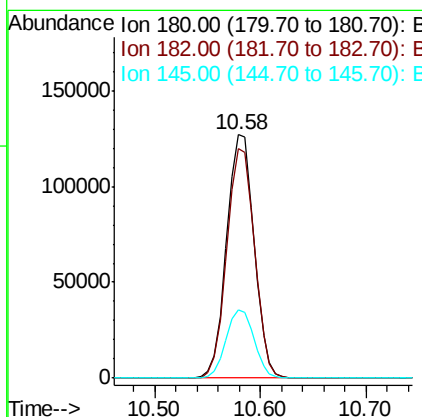
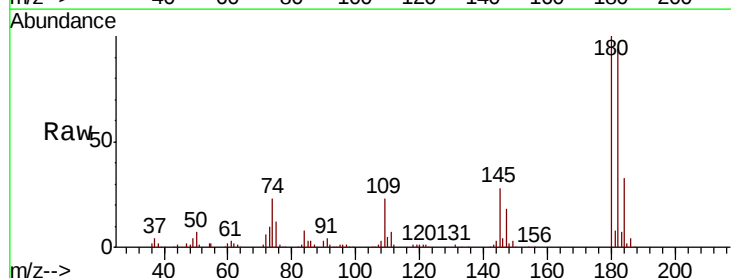
Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.518 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.5	113.3
145	28.0	22.6	34.0





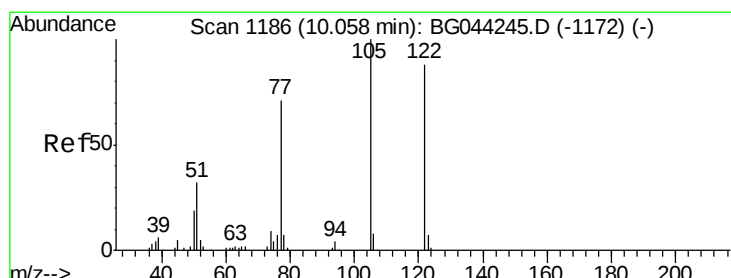
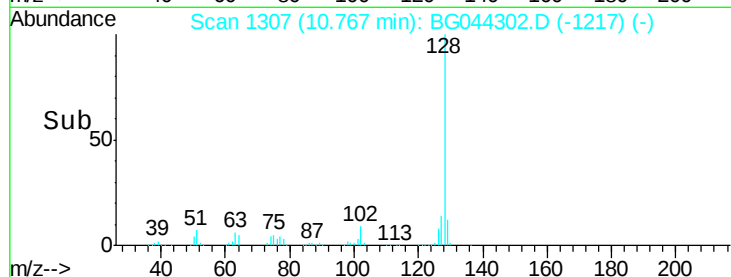
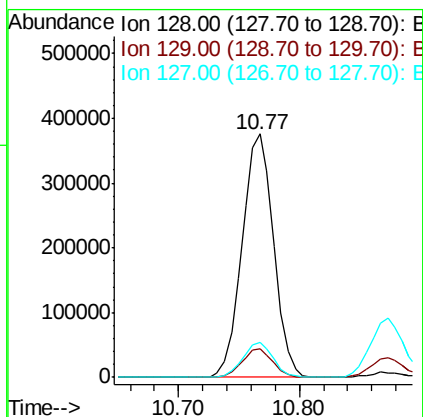
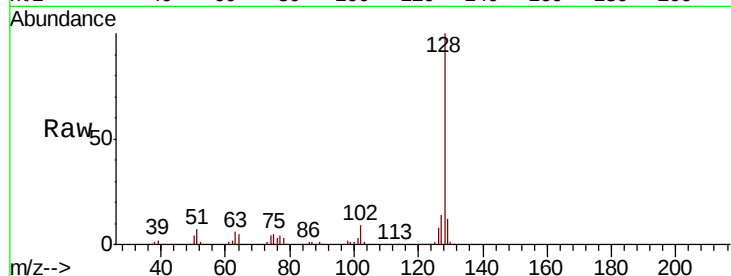
#31
Naphthalene
Concen: 41.585 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	679681		
129	11.6		9.3	13.9
127	14.3		11.6	17.4

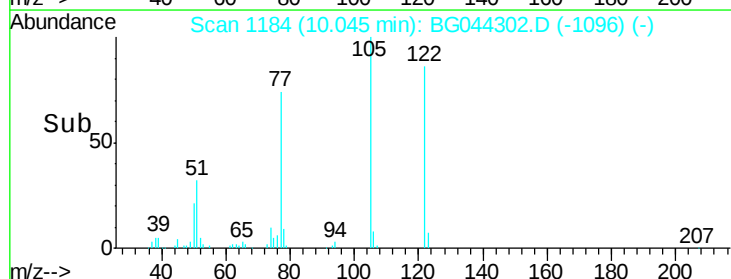
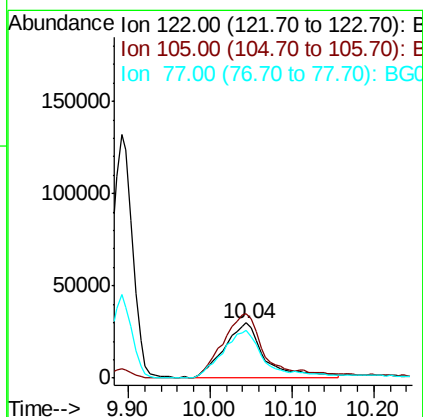
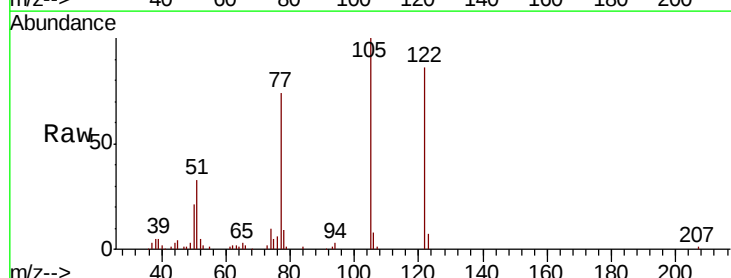
Manual Integrations
APPROVED

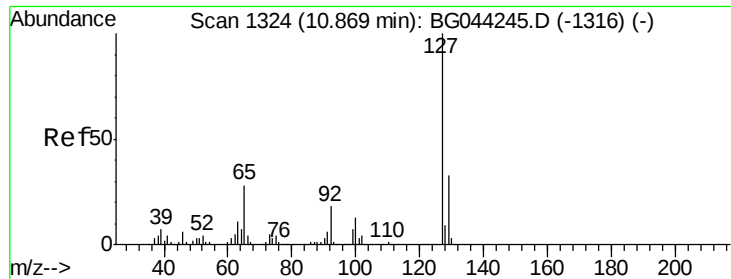
mohammad
2/6/2020 2:19:19 PM



#32
Benzoic acid
Concen: 39.114 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	99468		
105	116.3		93.5	133.5
77	86.2		61.0	101.0





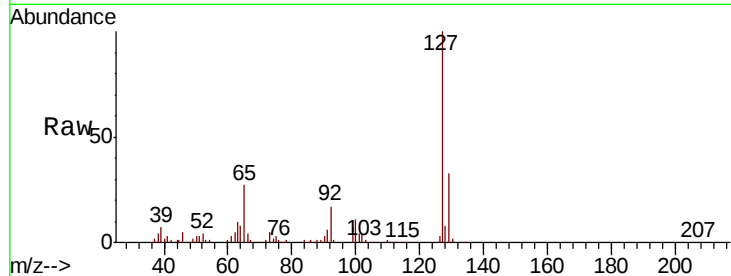
#33
4-Chloroaniline
Concen: 24.442 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

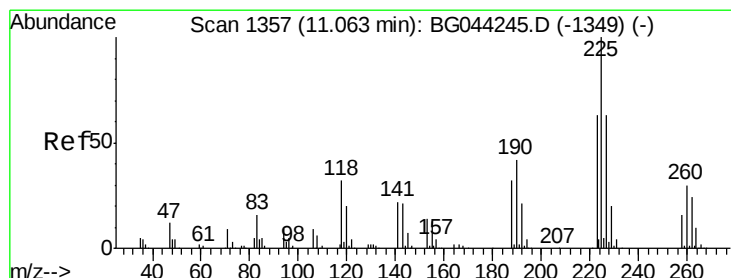
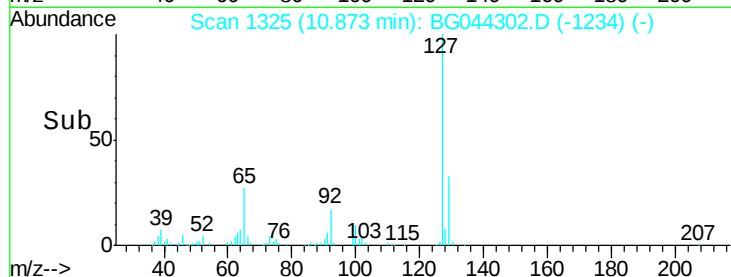
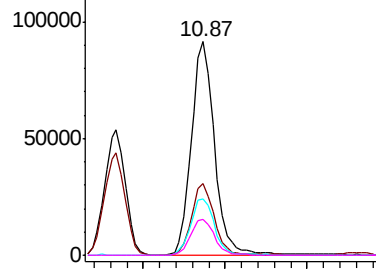
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		181690		
129	33.4	26.6	40.0		
65	26.6	22.5	33.7		
92	17.1	14.1	21.1		

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM

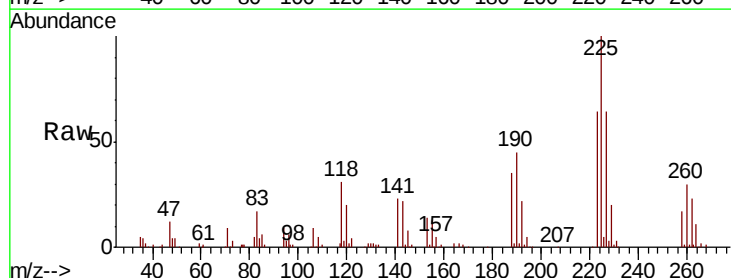


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

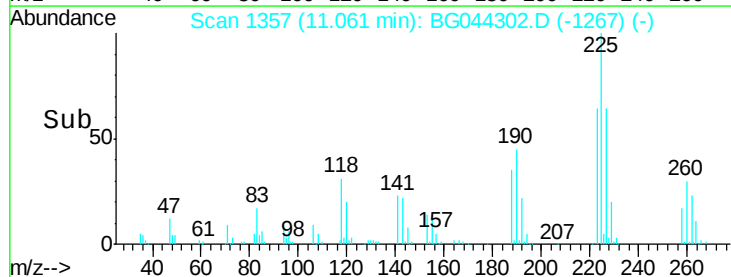
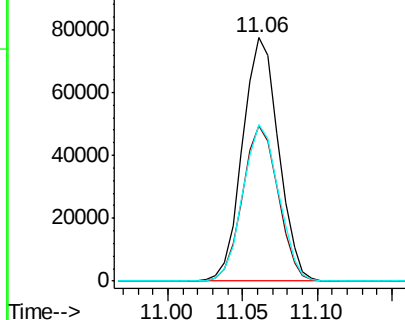


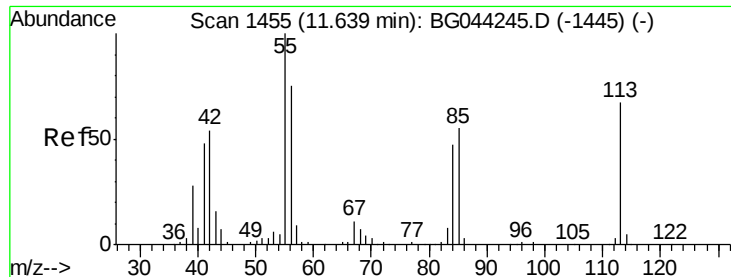
#34
Hexachlorobutadiene
Concen: 35.438 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		129001		
223	63.8	50.2	75.4		
227	64.2	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





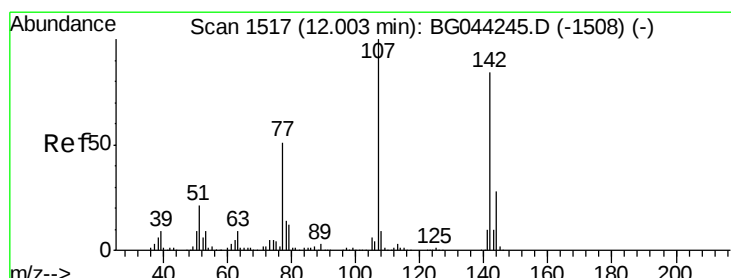
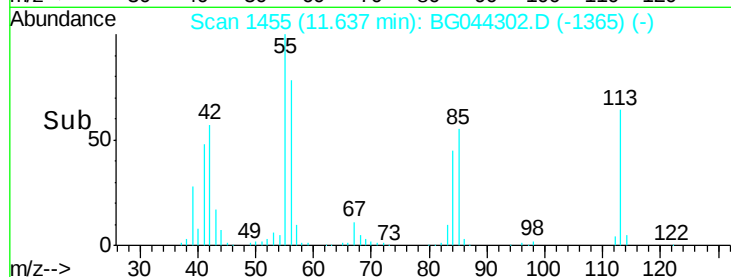
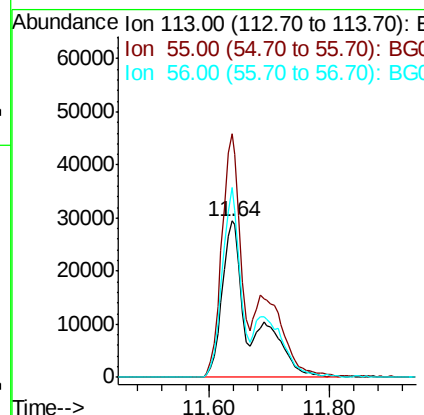
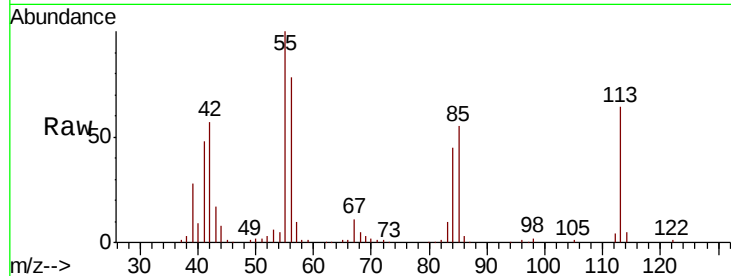
#35
 Caprolactam
 Concen: 51.888 ng/ml
 RT: 11.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :
 PB126599BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.7	129.9	169.9
56	121.2	92.5	132.5

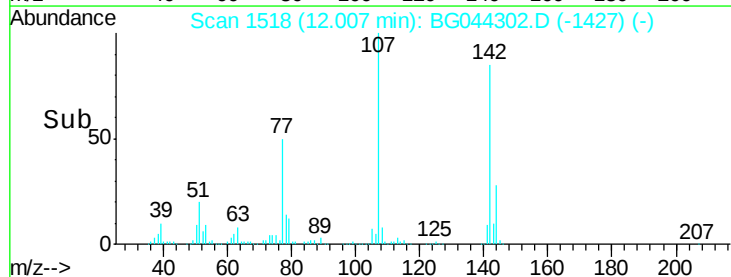
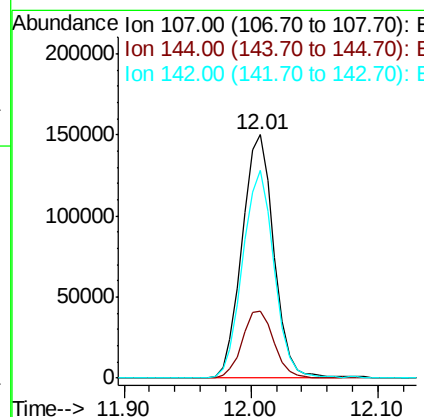
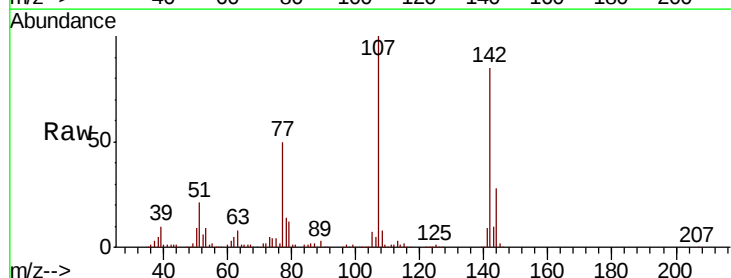
Manual Integrations
 APPROVED

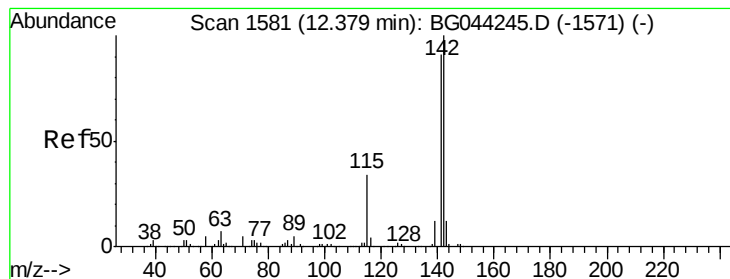
mohammad
 2/6/2020 2:19:19 PM



#36
 4-Chloro-3-methylphenol
 Concen: 48.274 ng/ml
 RT: 12.01 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	22.2	33.4
142	85.2	67.4	101.0





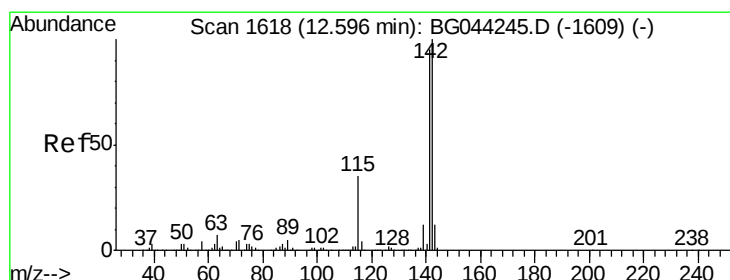
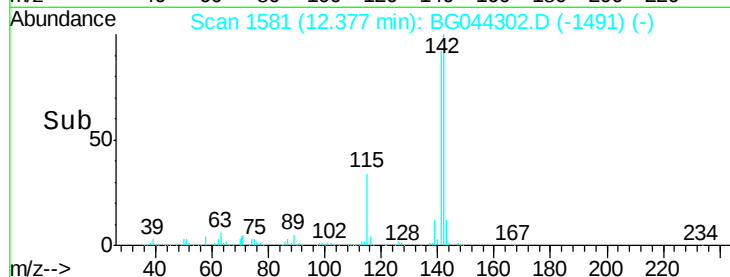
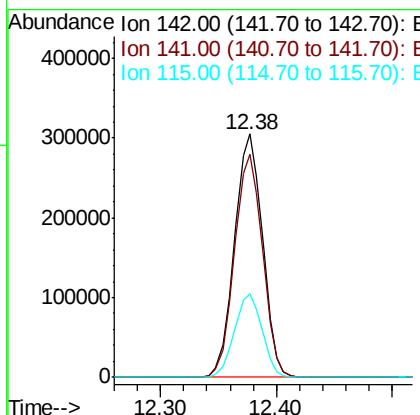
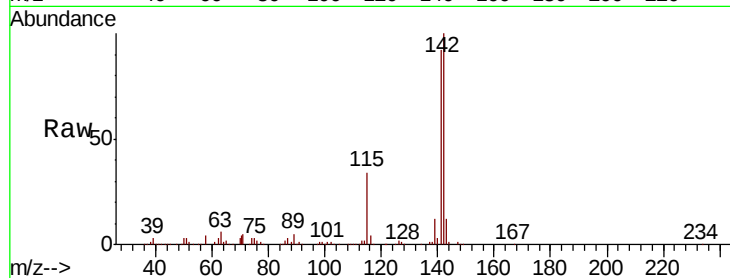
#37
 2-Methylnaphthalene
 Concen: 42.251 ng
 RT: 12.38 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :
 PB126599BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.2	109.8
115	34.1	27.1	40.7

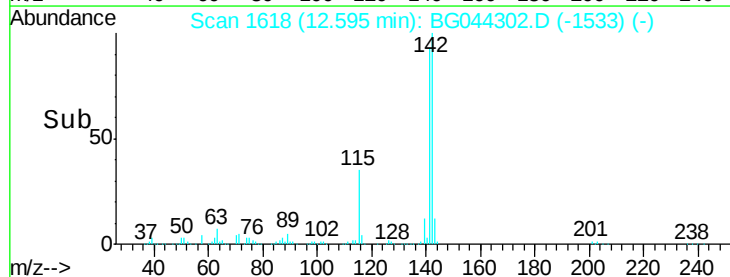
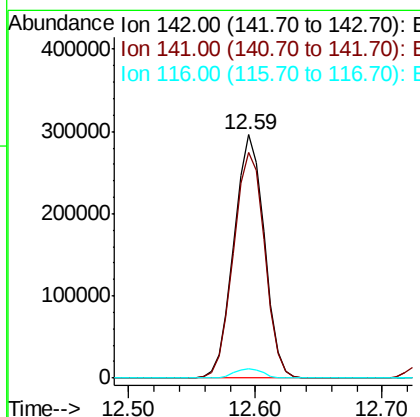
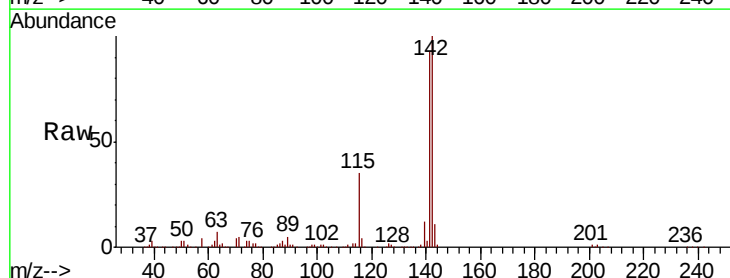
Manual Integrations
 APPROVED

mohammad
 2/6/2020 2:19:19 PM



#38
 1-Methylnaphthalene
 Concen: 42.760 ng
 RT: 12.59 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.8	113.6
116	3.7	3.1	4.7





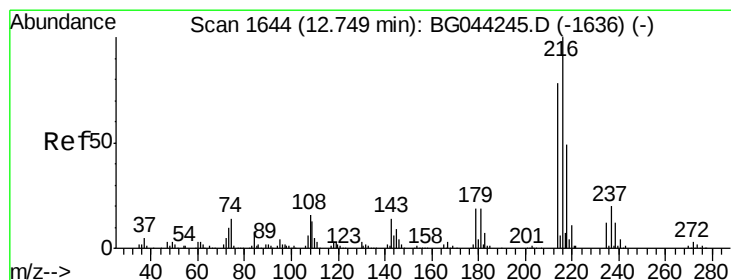
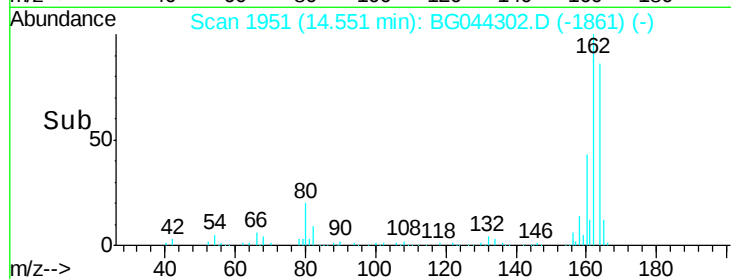
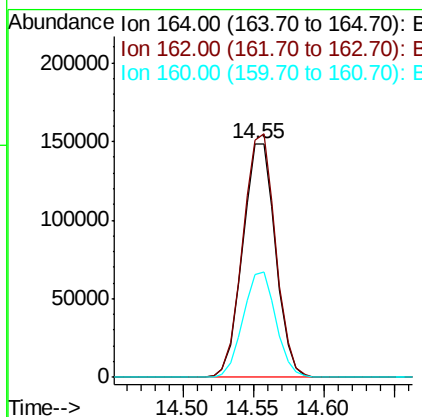
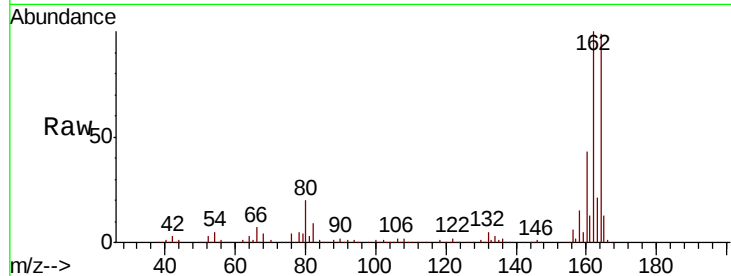
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.7	121.1
160	44.0	35.3	52.9

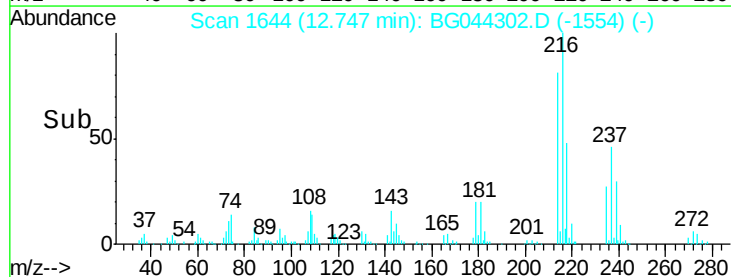
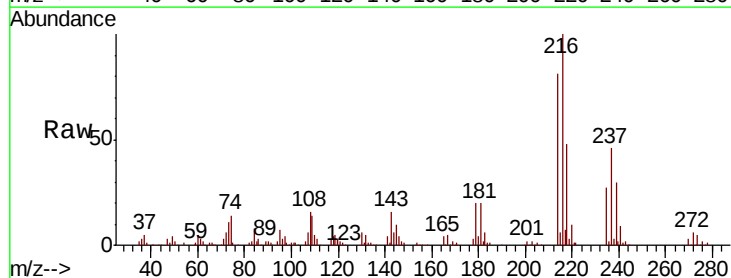
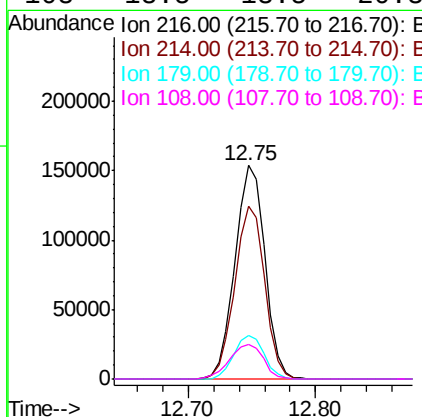
Manual Integrations
APPROVED

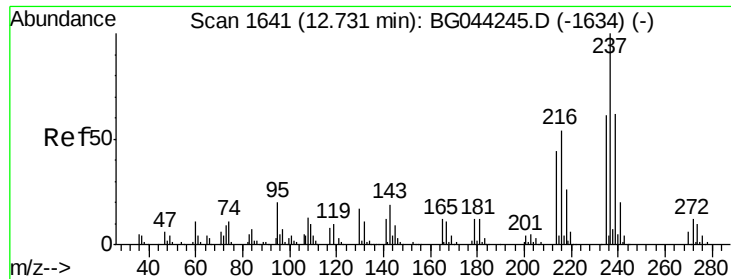
mohammad
2/6/2020 2:19:19 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.567 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.0	63.0	94.6
179	20.7	16.2	24.4
108	18.5	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 73.287 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

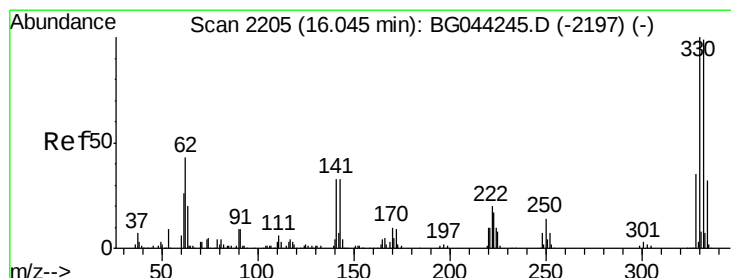
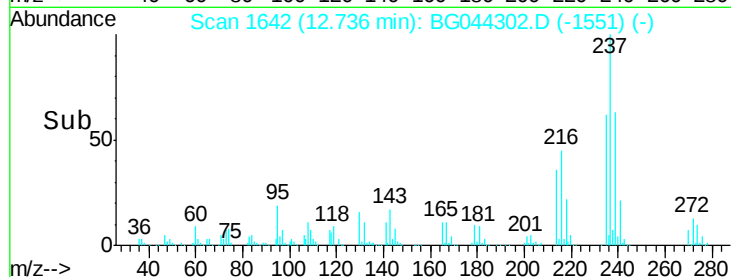
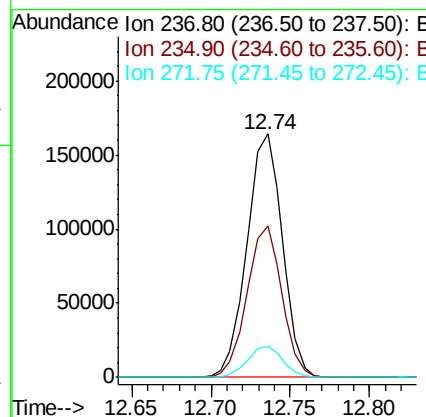
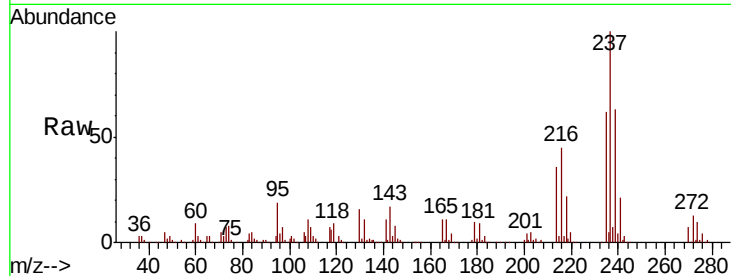
ClientSampleId :

PB126599BS

Tot Ion:	237	Resp:	255061
Ion Ratio	Lower	Upper	
237	100		
235	62.0	41.2	81.2
272	13.0	0.0	32.4

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



#42

2,4,6-Tribromophenol

Concen: 128.568 ng

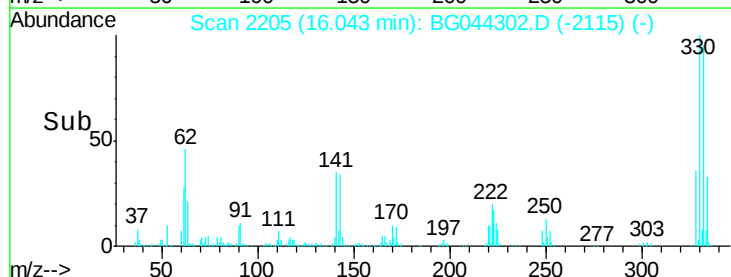
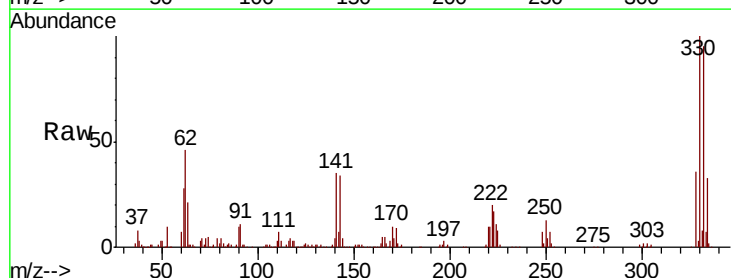
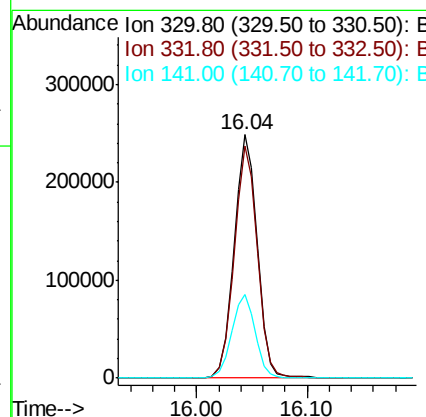
RT: 16.04 min Scan# 2205

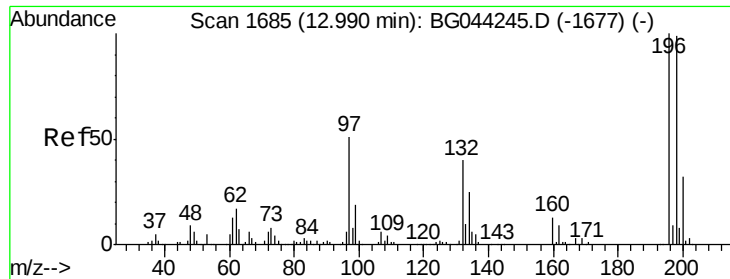
Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Tgt Ion:	330	Resp:	365968
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.2	115.8
141	35.2	28.3	42.5





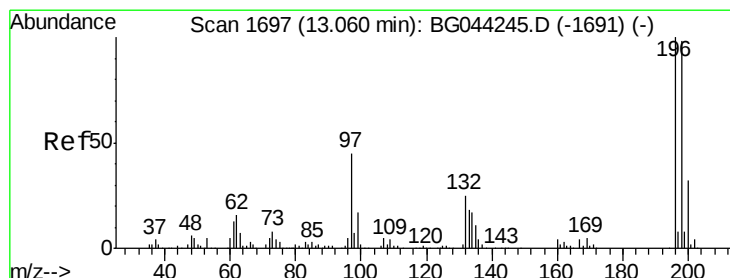
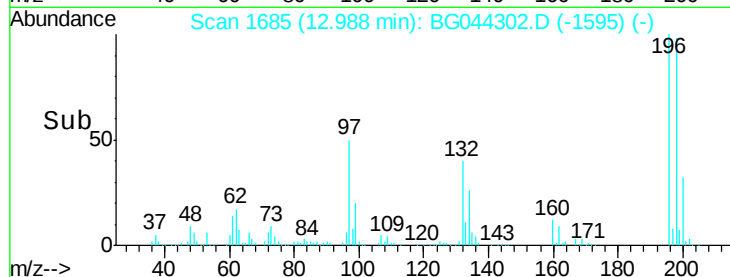
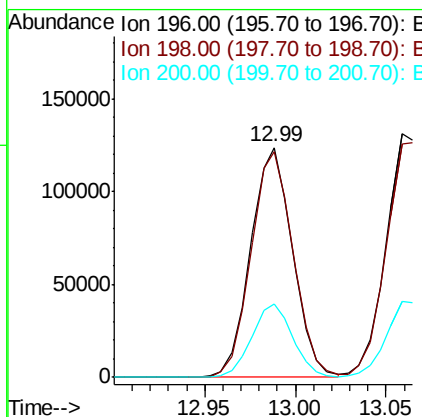
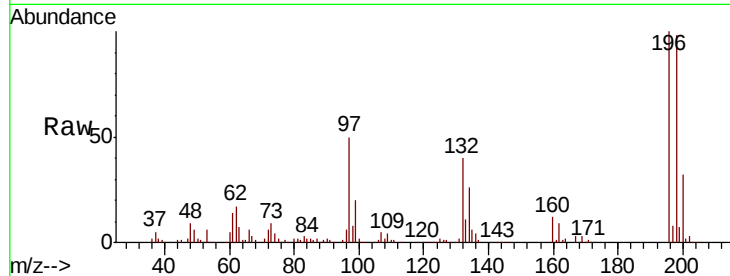
#43
 2,4,6-Trichlorophenol
 Concen: 42.326 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :
 PB126599BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	198437		
198	98.2	79.3	118.9	
200	31.8	25.7	38.5	

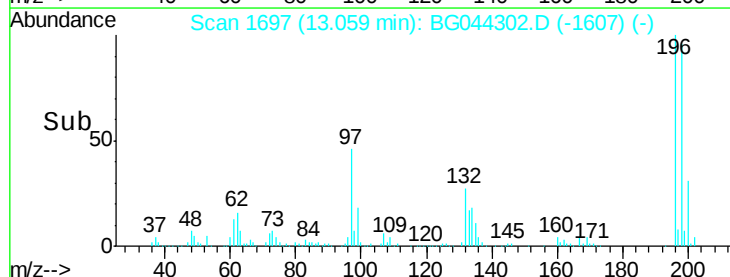
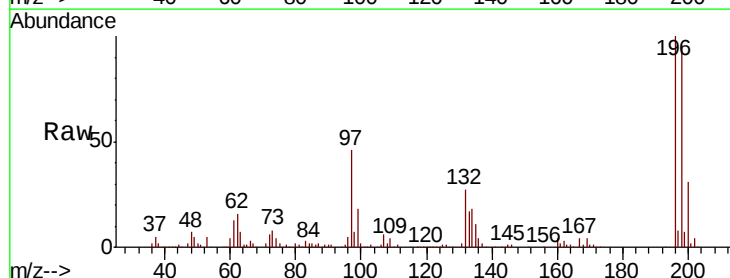
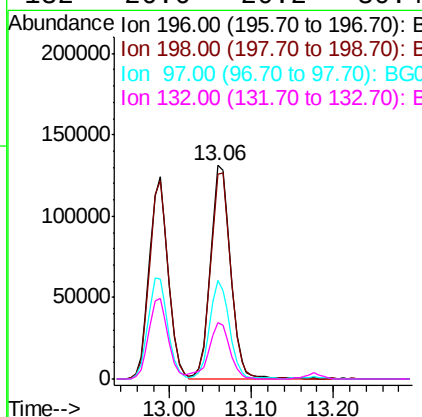
Manual Integrations
 APPROVED

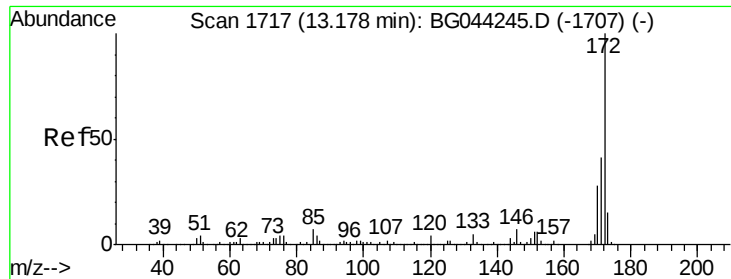
mohammad
 2/6/2020 2:19:19 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.972 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	224928		
198	95.7	78.2	117.2	
97	46.5	36.2	54.4	
132	26.6	20.2	30.4	





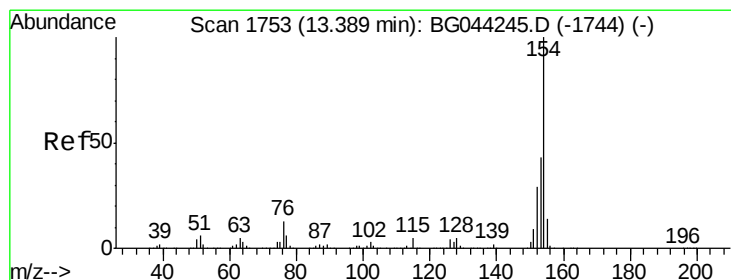
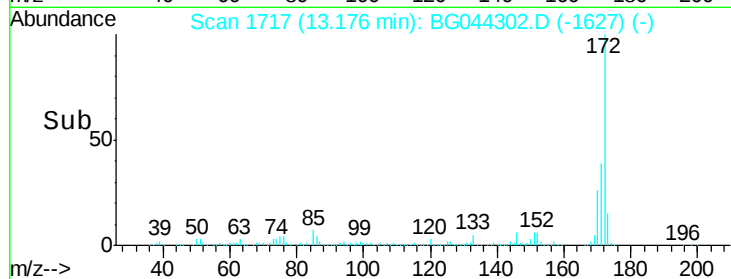
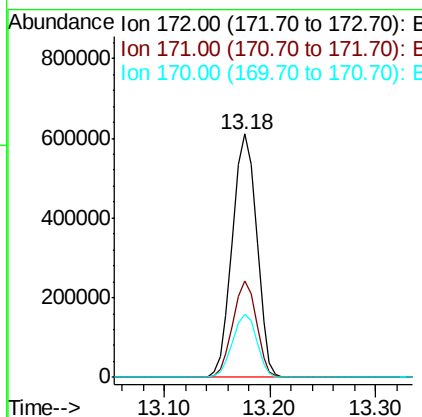
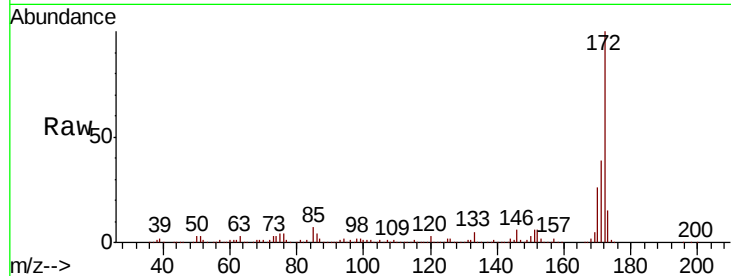
#45
2-Fluorobiphenyl
Concen: 67.207 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.9	49.3
170	25.8	22.0	33.0

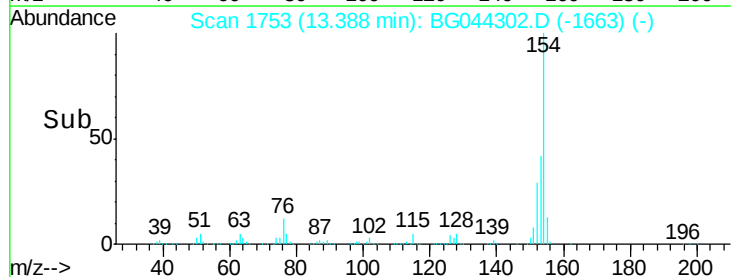
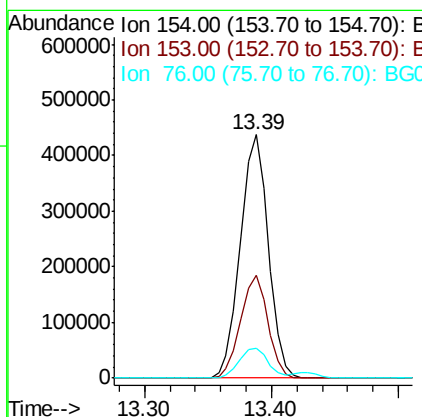
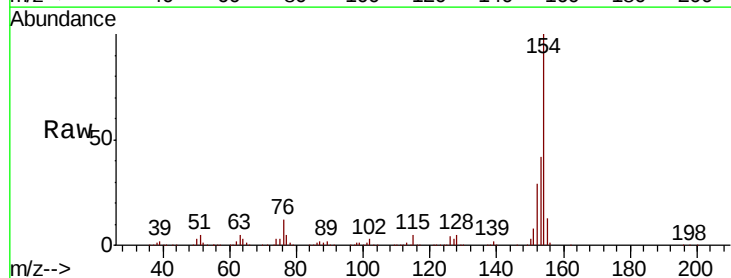
Manual Integrations
APPROVED

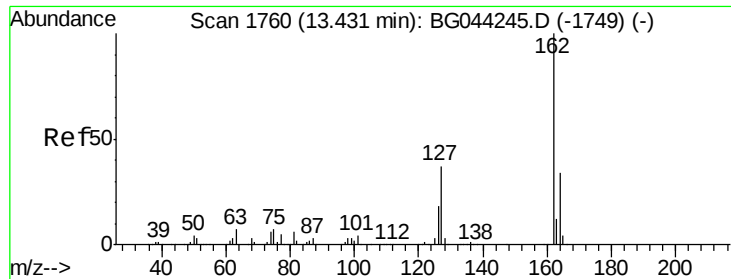
mohammad
2/6/2020 2:19:19 PM



#46
1,1'-Biphenyl
Concen: 38.181 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.7	62.7
76	12.3	0.0	32.9





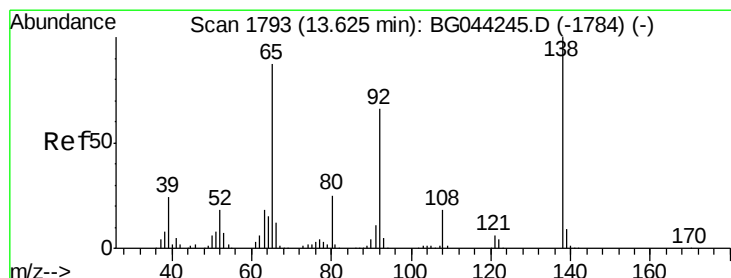
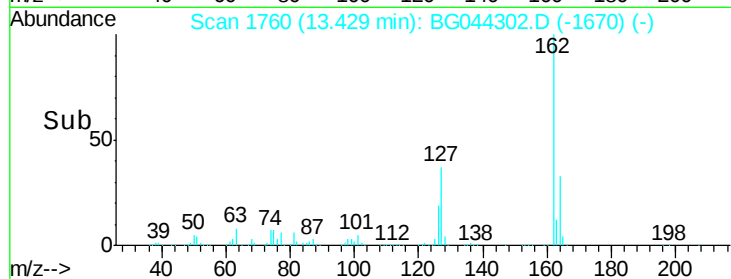
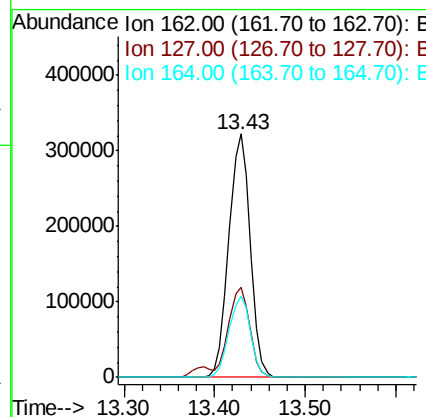
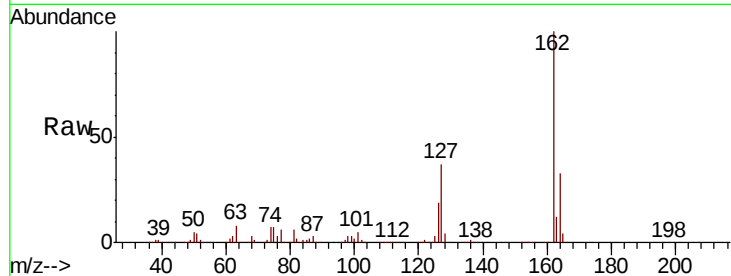
#47
2-Chloronaphthalene
Concen: 37.851 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.0	45.0
164	33.5	27.2	40.8

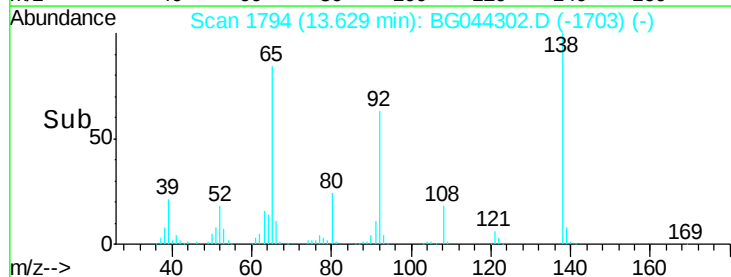
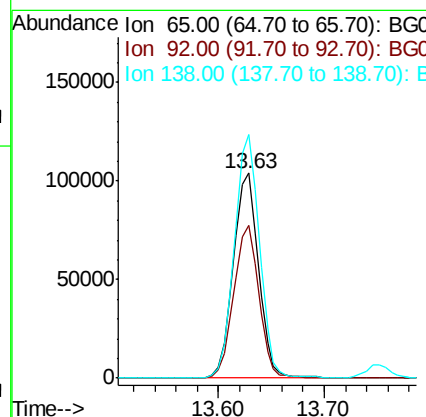
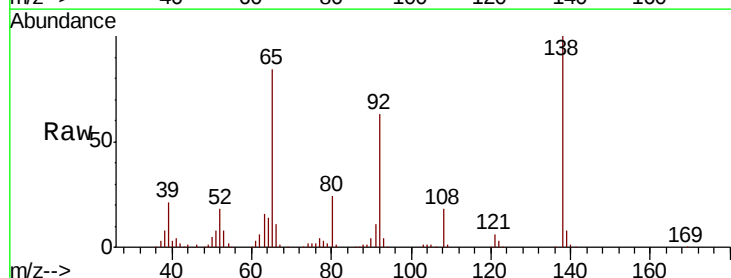
Manual Integrations
APPROVED

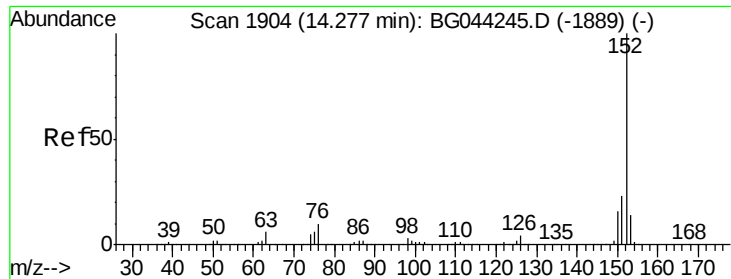
mohammad
2/6/2020 2:19:19 PM



#48
2-Nitroaniline
Concen: 41.883 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	60.3	90.5
138	118.7	91.9	137.9





#49

Acenaphthylene

Concen: 42.293 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

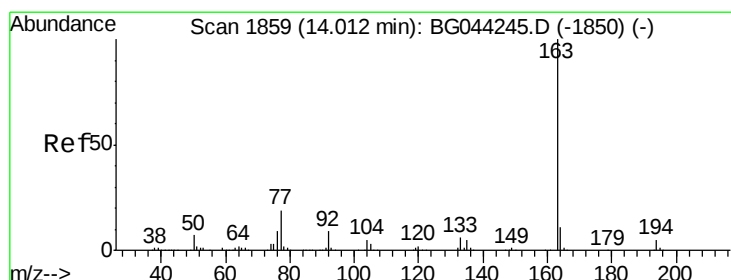
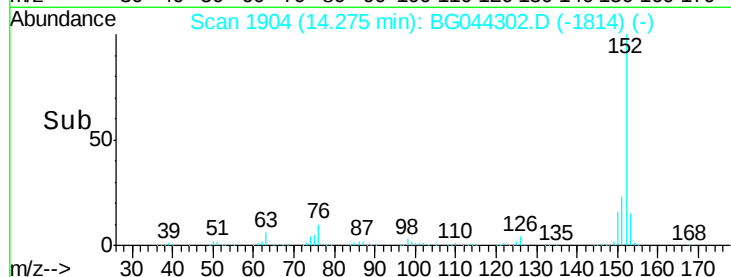
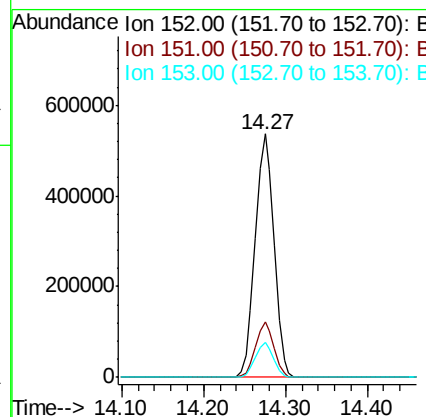
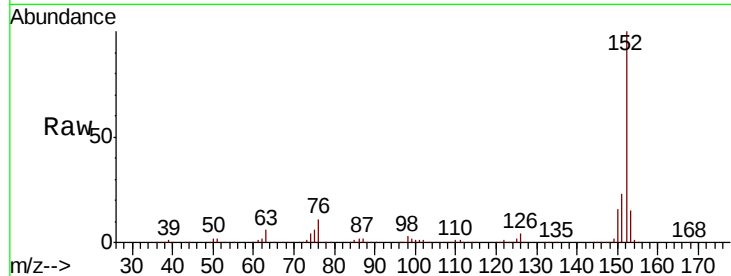
ClientSampleId :

PB126599BS

Tot Ion:	152	Resp:	863339
Ion Ratio	Lower	Upper	
152	100		
151	22.5	18.1	27.1
153	14.6	11.5	17.3

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



#50

Dimethylphthalate

Concen: 41.311 ng

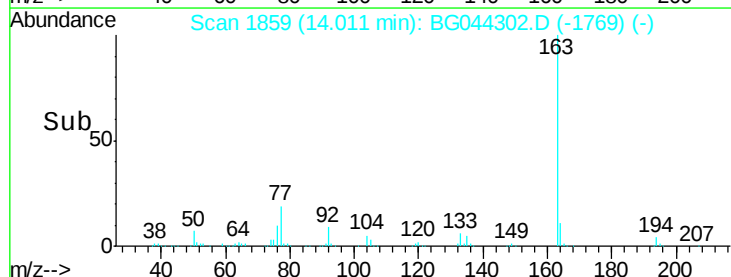
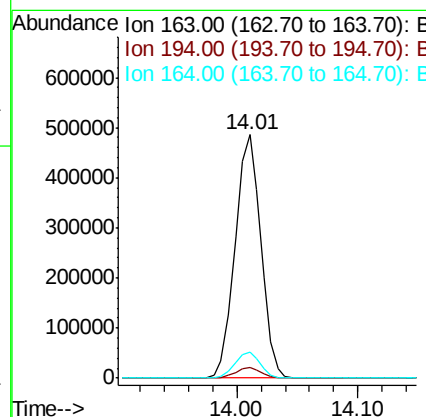
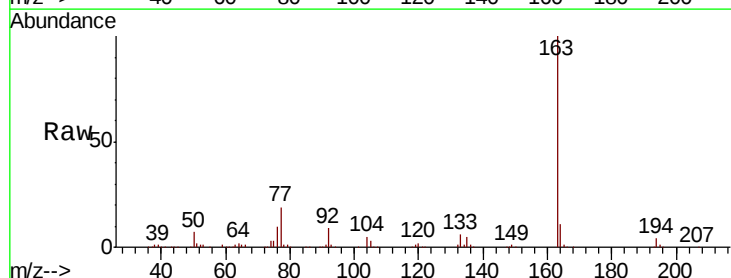
RT: 14.01 min Scan# 1859

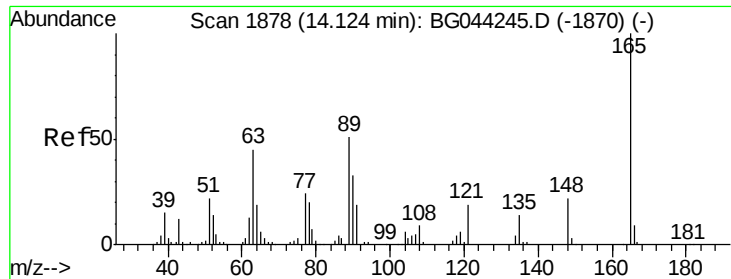
Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Tgt Ion:	163	Resp:	720036
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.6	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 43.719 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

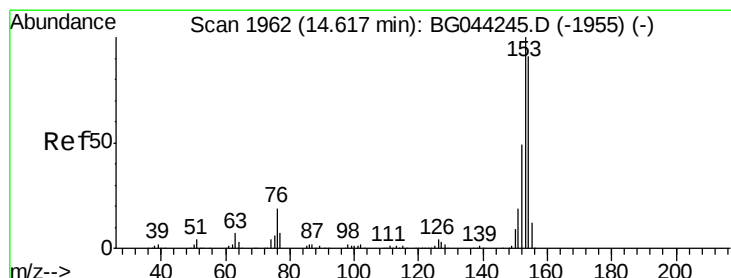
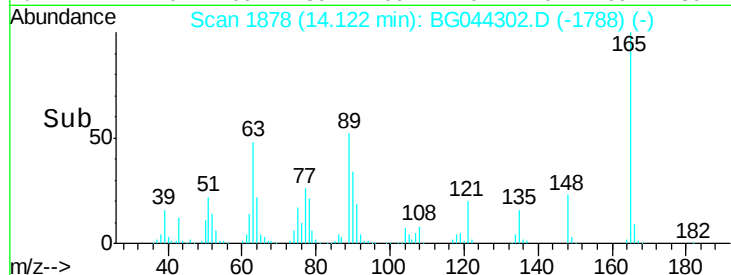
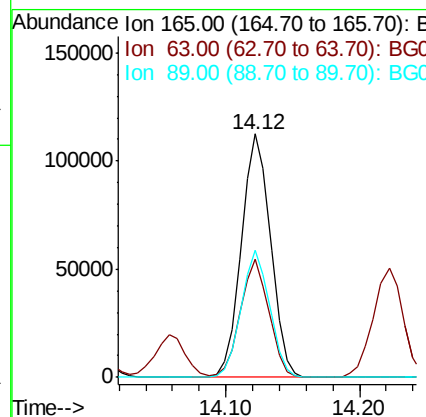
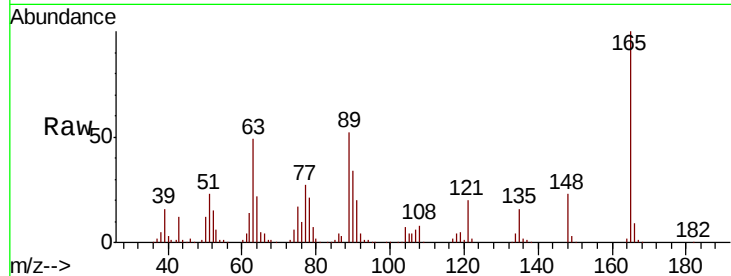
ClientSampleId :

PB126599BS

Tot Ion:	165	Resp:	169901
Ion Ratio	Lower	Upper	
165	100		
63	48.6	38.7	58.1
89	52.4	40.4	60.6

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



#52

Acenaphthene

Concen: 40.289 ng

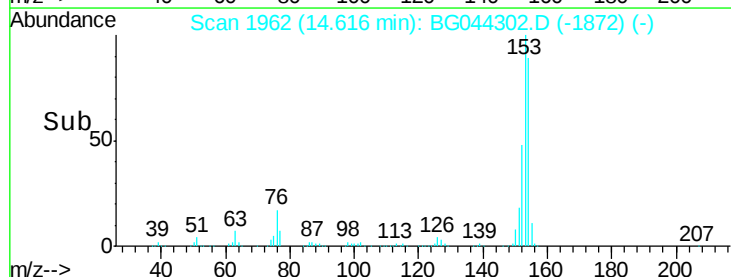
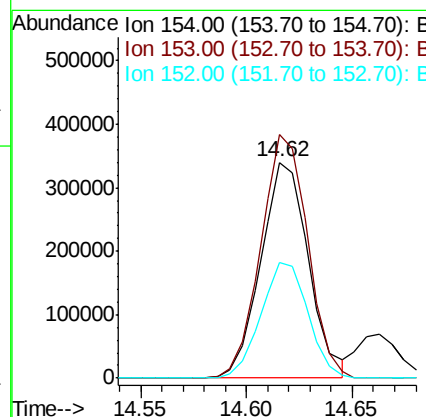
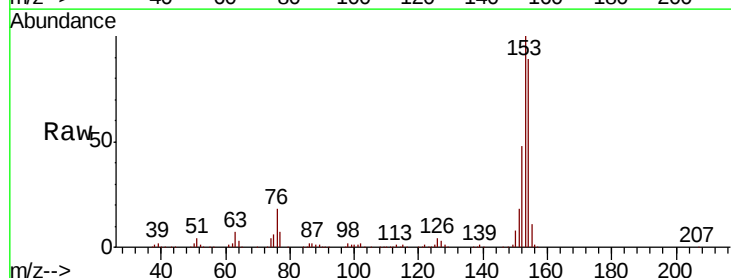
RT: 14.62 min Scan# 1962

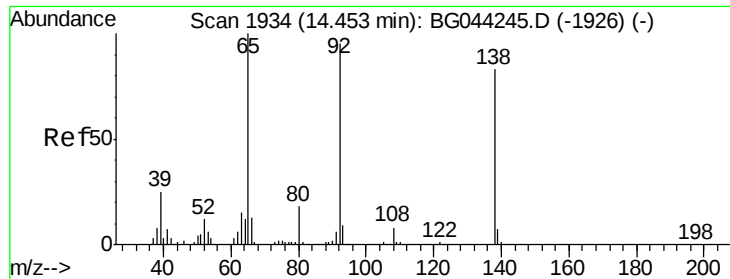
Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Tgt Ion:	154	Resp:	533071
Ion Ratio	Lower	Upper	
154	100		
153	112.7	87.9	131.9
152	53.6	43.1	64.7





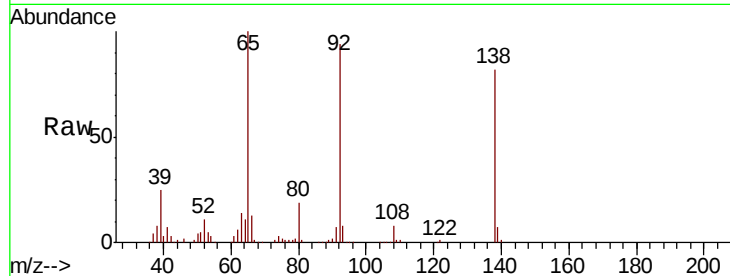
#53
3-Nitroaniline
Concen: 29.656 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

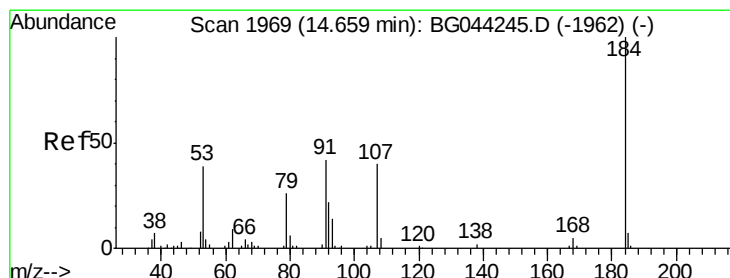
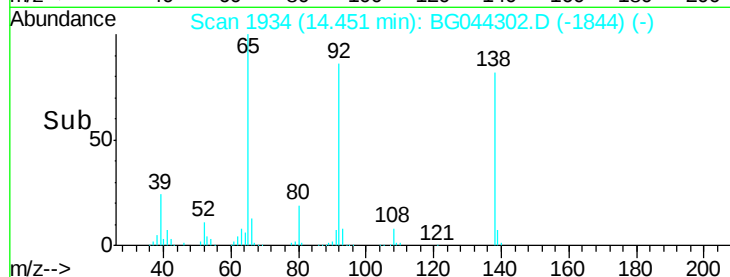
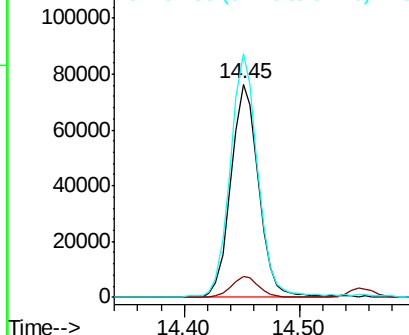
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.9	11.9
92	114.1	91.0	136.4

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM

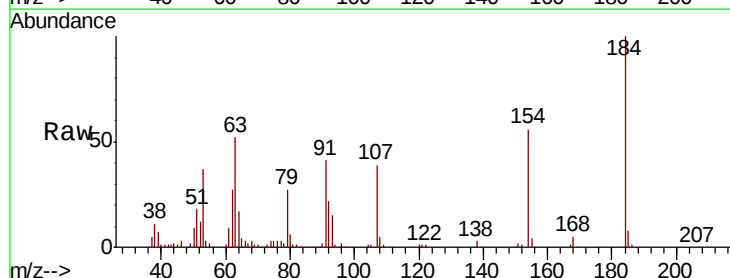


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

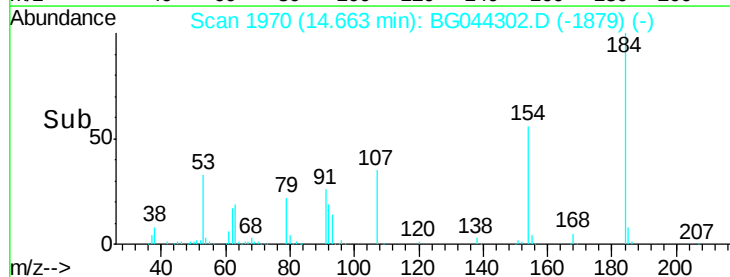
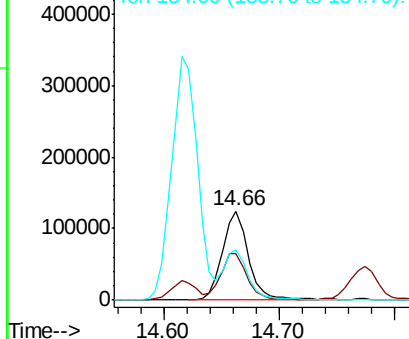


#54
2,4-Dinitrophenol
Concen: 84.578 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.5	44.1	66.1
154	56.5	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





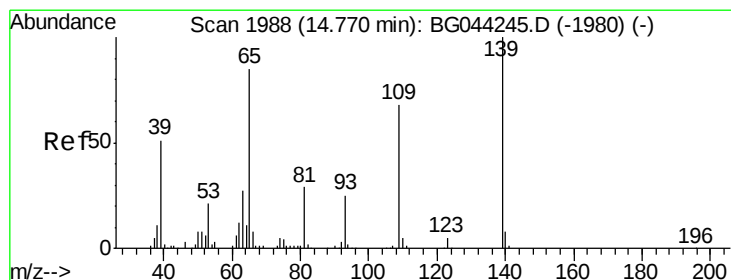
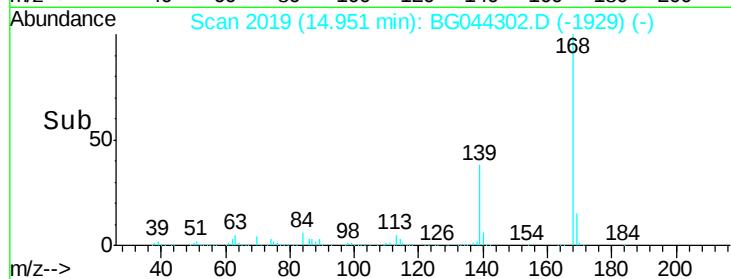
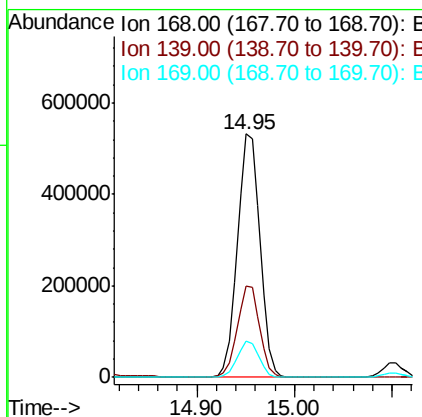
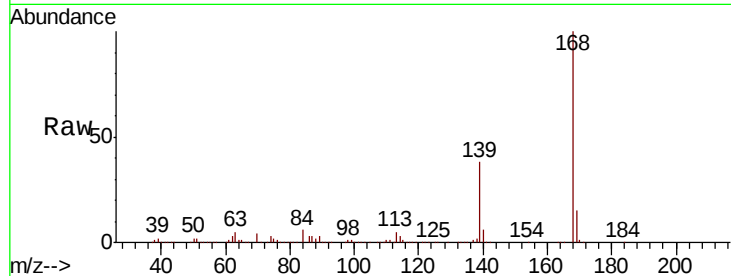
#55
Dibenzenofuran
Concen: 42.414 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.5	45.7
169	14.6	11.7	17.5

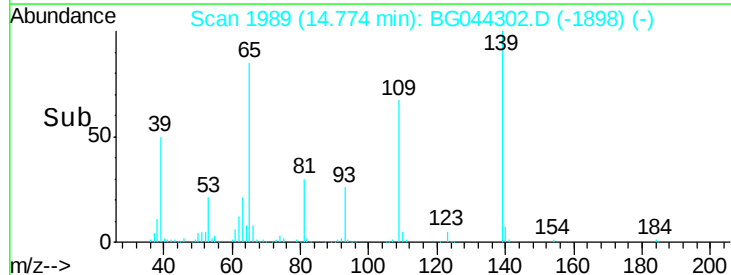
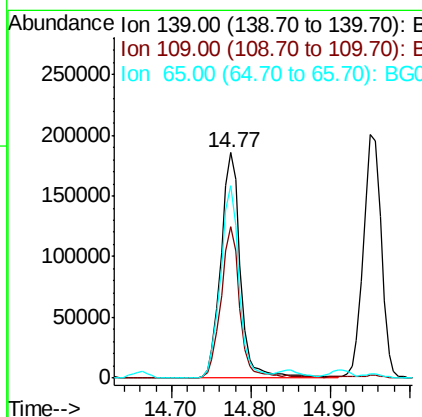
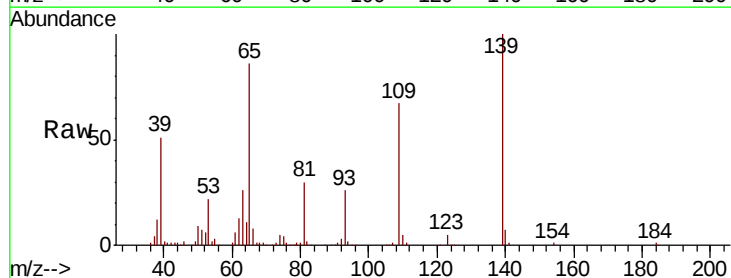
Manual Integrations
APPROVED

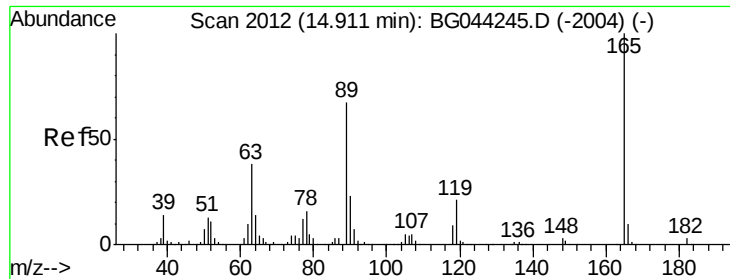
mohammad
2/6/2020 2:19:19 PM



#56
4-Nitrophenol
Concen: 101.693 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.1	47.5	87.5
65	85.6	64.9	104.9





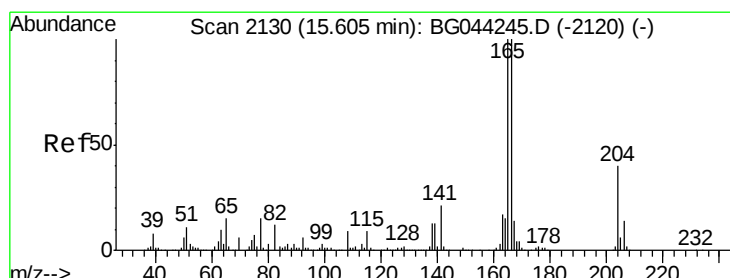
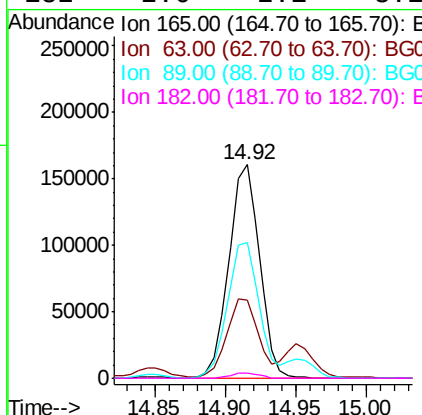
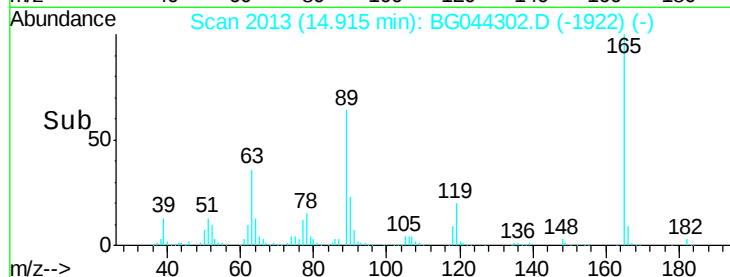
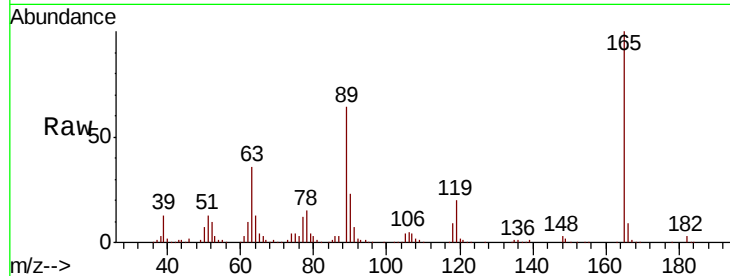
#57
2,4-Dinitrotoluene
Concen: 44.497 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	242370		
63	36.3		30.3	45.5
89	63.7		53.4	80.2
182	2.6		2.1	3.1

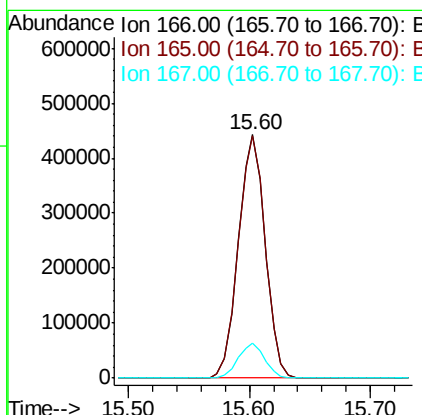
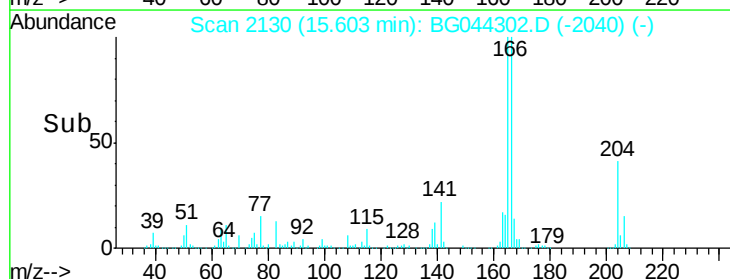
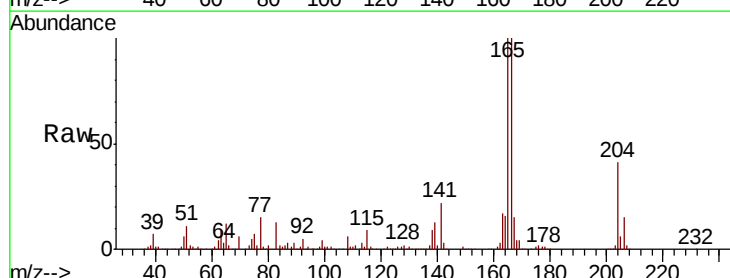
Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



#58
Fluorene
Concen: 43.337 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	683795		
165	99.7		79.9	119.9
167	14.5		11.4	17.0





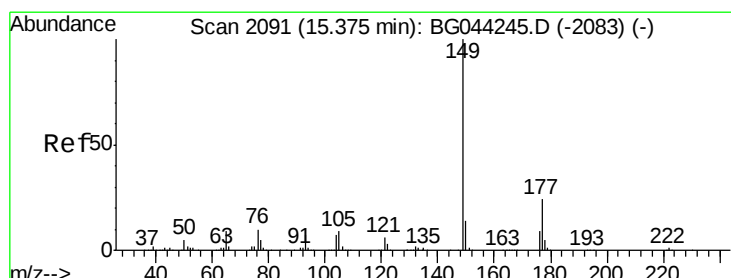
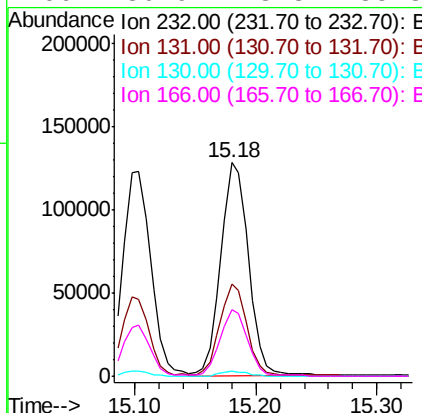
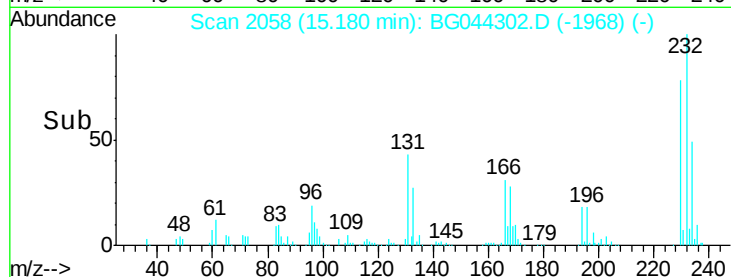
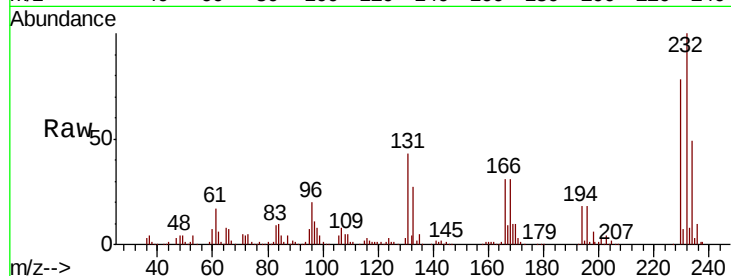
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.237 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :
 PB126599BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	204318		
131	43.1		34.2	51.4
130	2.4		1.8	2.8
166	30.9		23.8	35.8

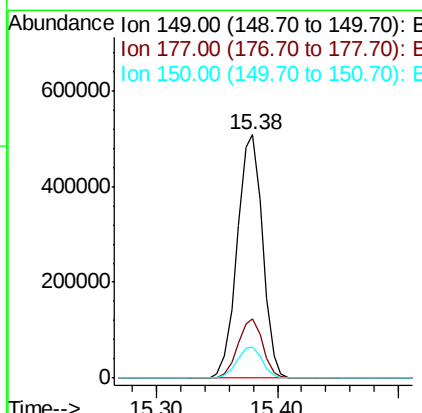
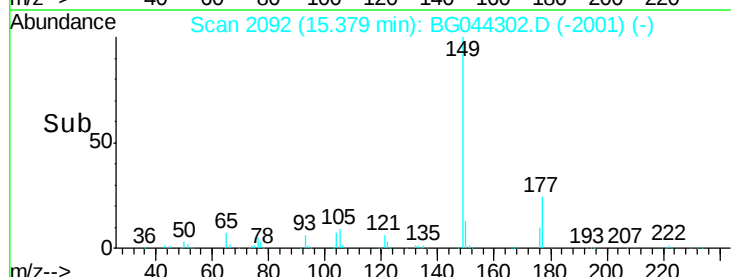
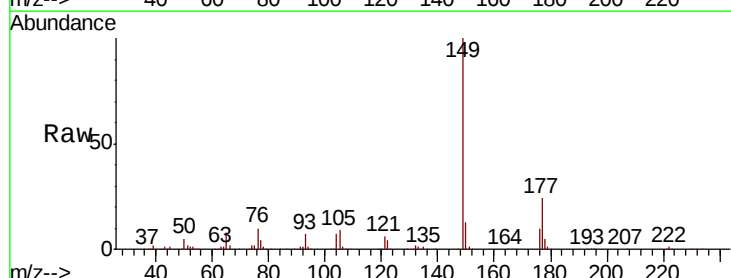
Manual Integrations
 APPROVED

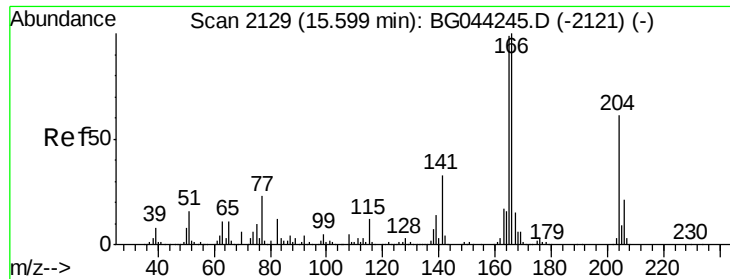
mohammad
 2/6/2020 2:19:19 PM



#60
 Diethylphthalate
 Concen: 42.855 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	744284		
177	24.1		19.4	29.0
150	13.0		10.9	16.3





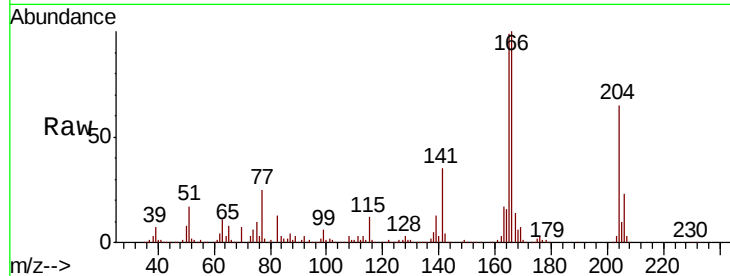
#61
4-Chlorophenyl-phenylether
Concen: 41.120 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

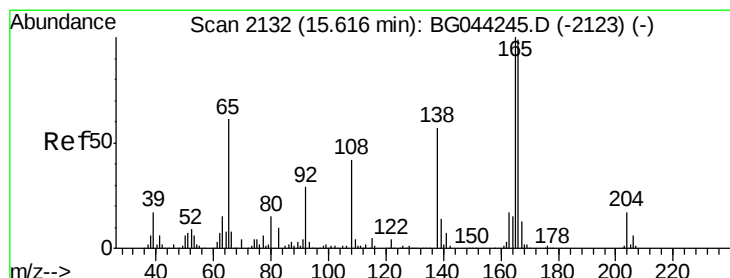
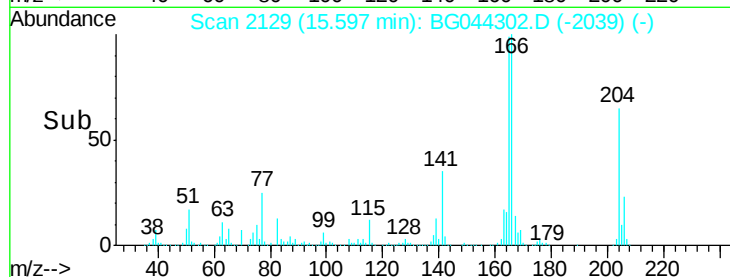
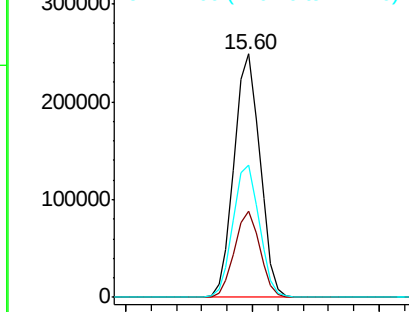
Tot Ion	Ratio	Resp	Lower	Upper
204	100	351794		
206	35.3	27.6	41.4	
141	54.1	43.4	65.0	

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM

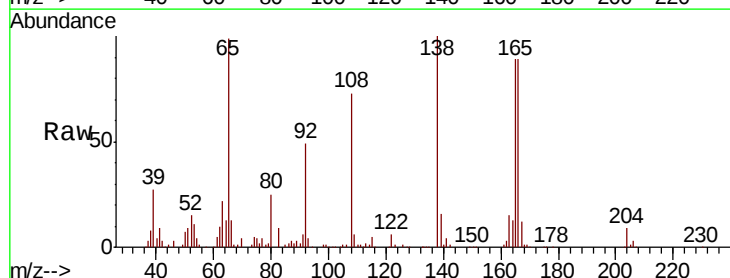


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

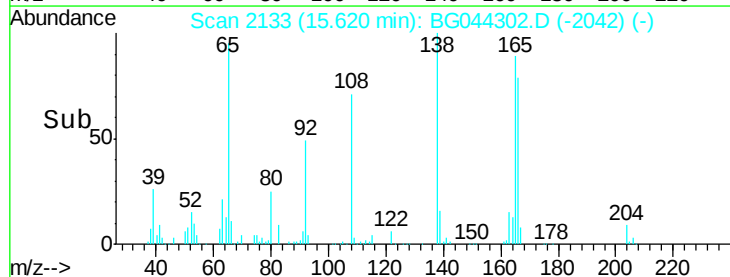
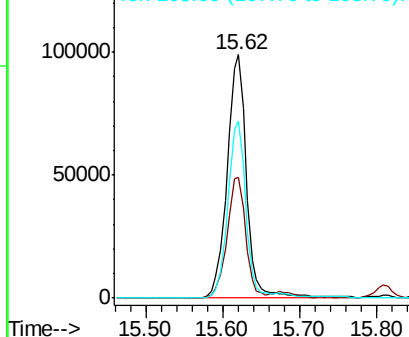


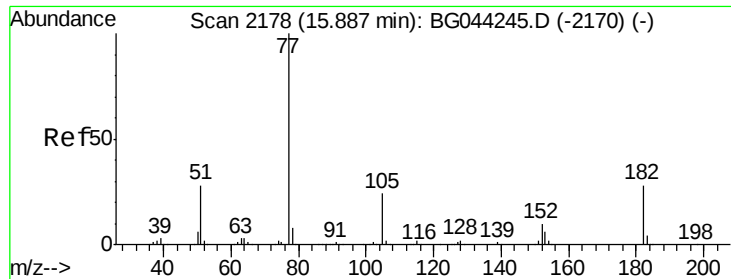
#62
4-Nitroaniline
Concen: 40.696 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	174840		
92	49.5	31.3	71.3	
108	72.7	52.6	92.6	



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





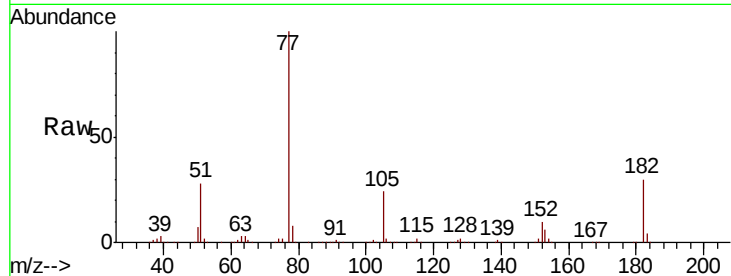
#63
Azobenzene
Concen: 43.299 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

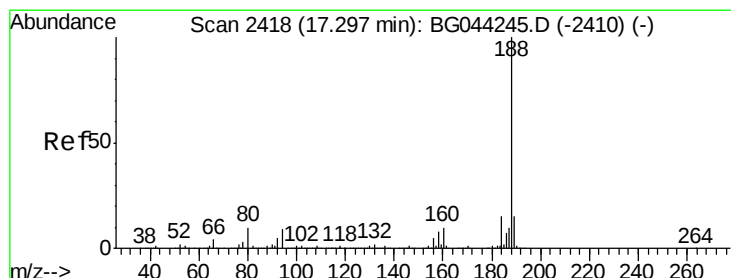
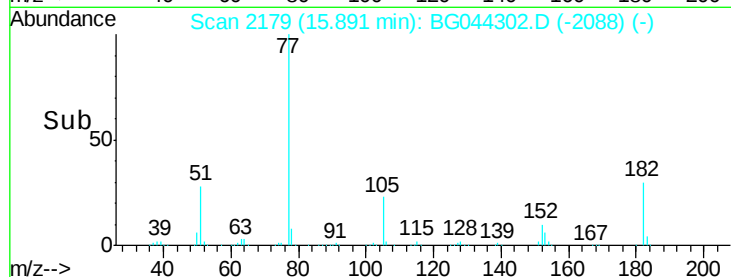
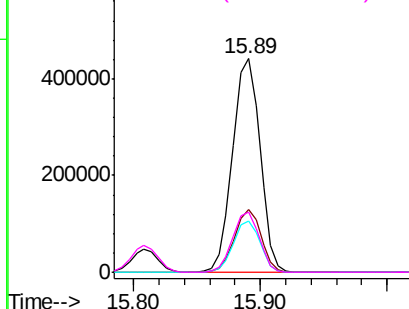
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.6	8.2	48.2	
105	23.8	3.6	43.6	
51	28.4	8.3	48.3	

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



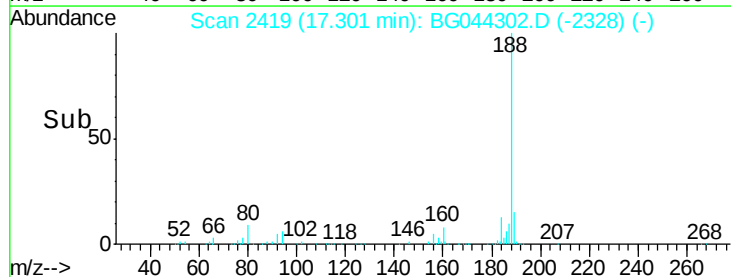
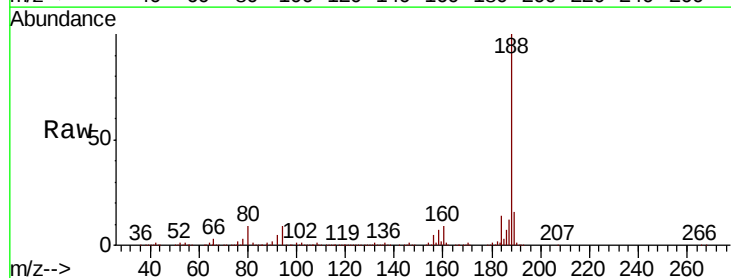
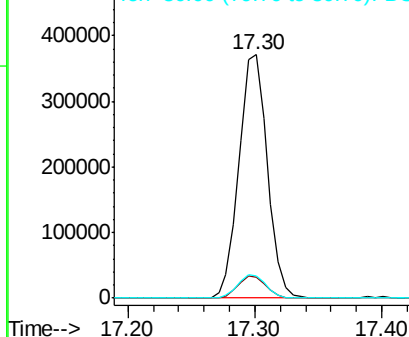
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

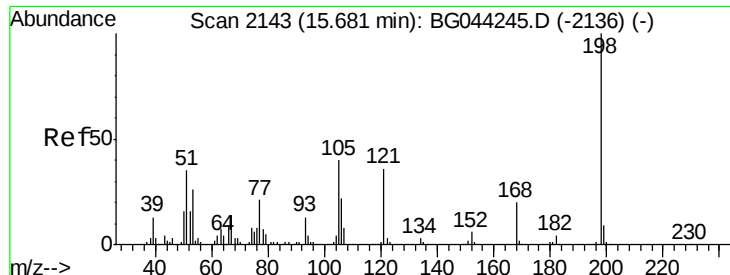


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	7.4	11.2	
80	9.1	7.7	11.5	

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





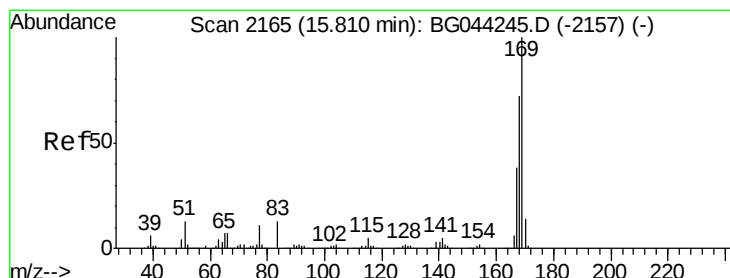
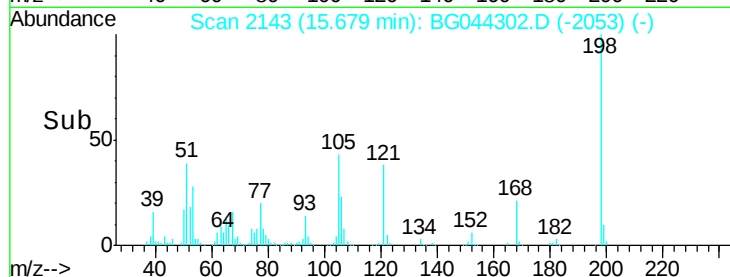
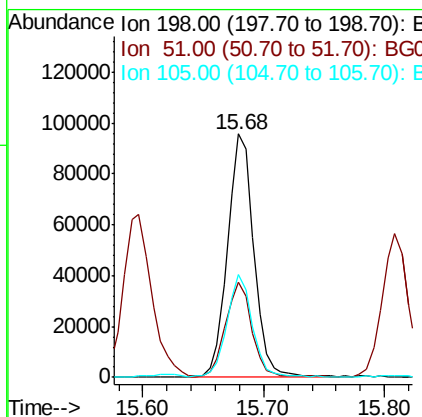
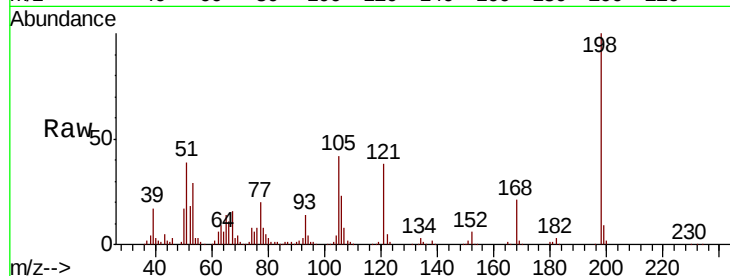
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.875 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :
 PB126599BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	145606		
51	39.0	16.6	56.6	
105	42.5	20.6	60.6	

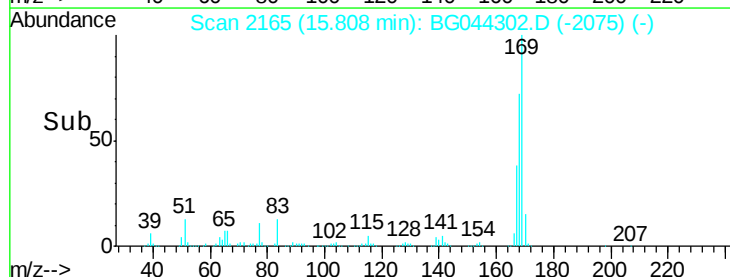
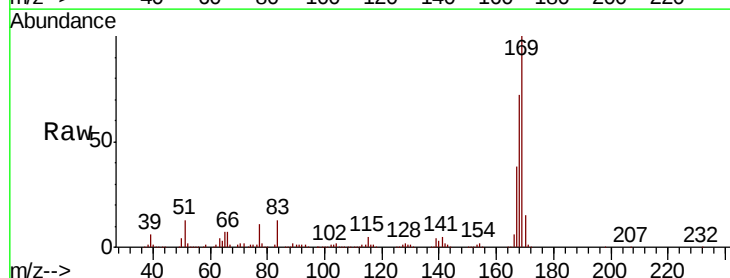
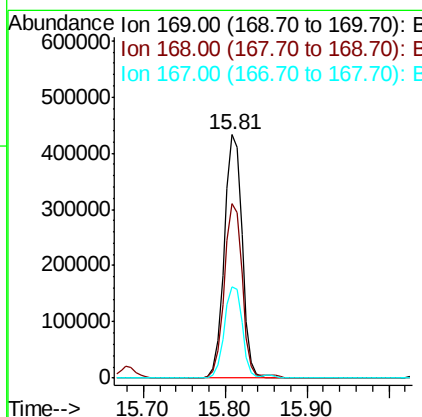
Manual Integrations
 APPROVED

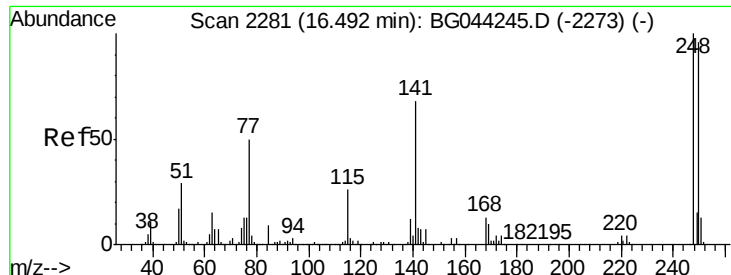
mohammad
 2/6/2020 2:19:19 PM



#66
 n-Nitrosodiphenylamine
 Concen: 40.671 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	655368		
168	71.7	57.9	86.9	
167	37.7	30.7	46.1	





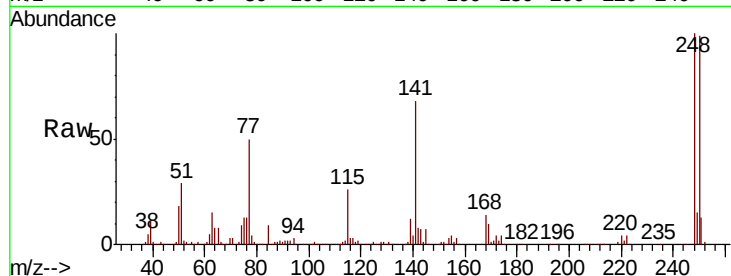
#67
 4-Bromophenyl-phenylether
 Concen: 38.597 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :
 PB126599BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.6	114.8
141	68.3	54.7	82.1

Manual Integrations
 APPROVED

mohammad
 2/6/2020 2:19:19 PM

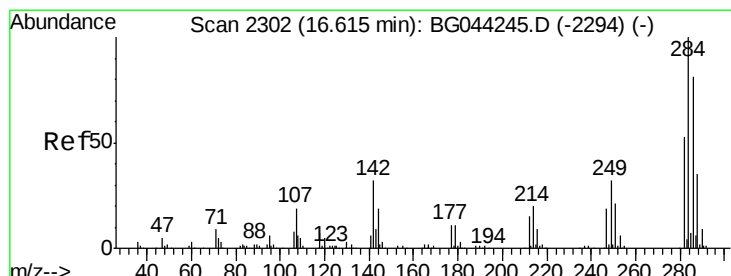
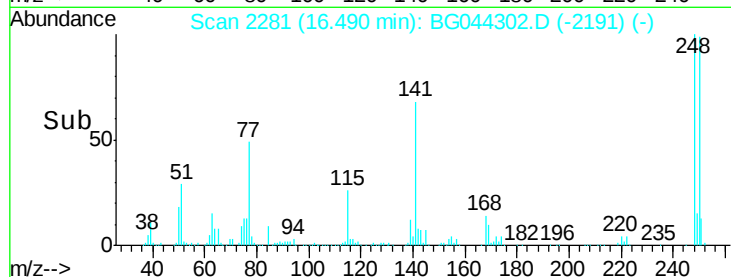
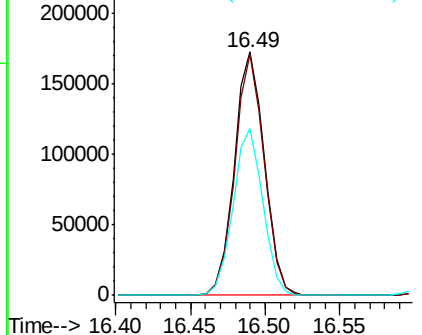


Abundance

Ion 248.00 (247.70 to 248.70): E

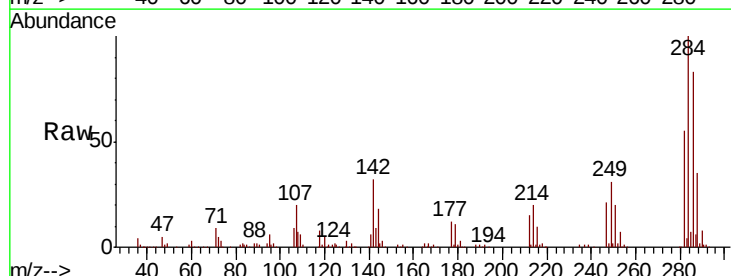
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 37.613 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.3	37.9
249	31.4	25.5	38.3

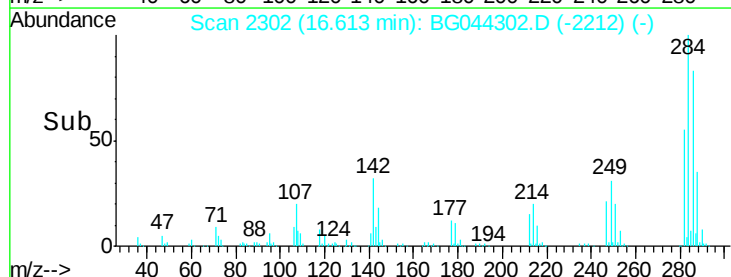
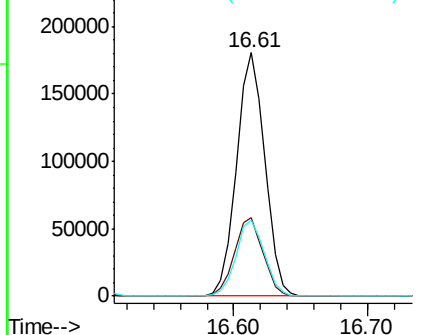


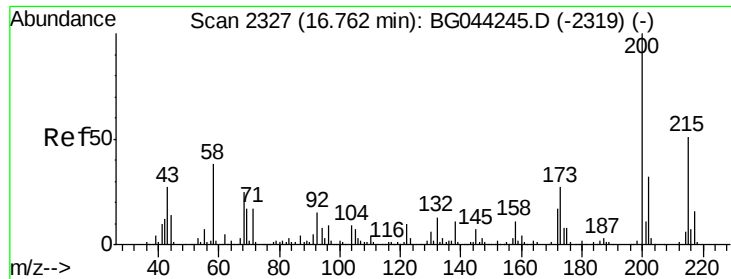
Abundance

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





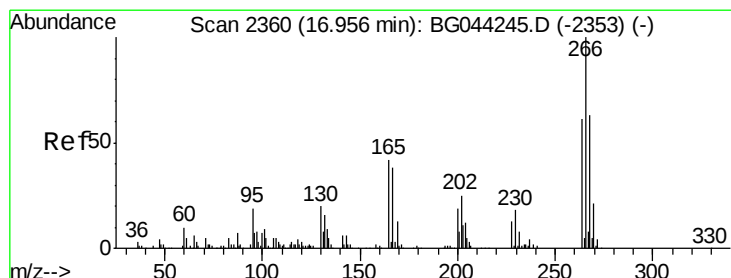
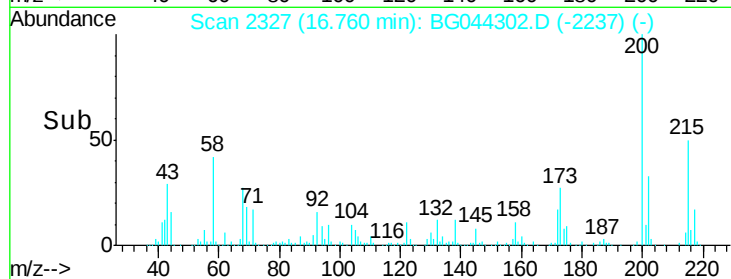
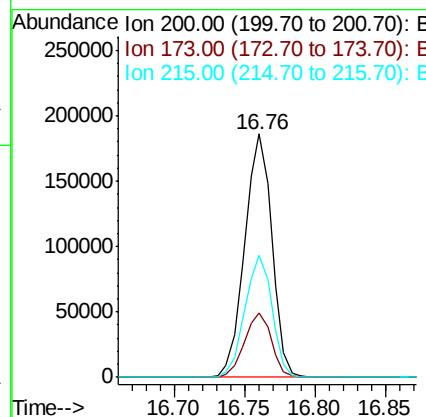
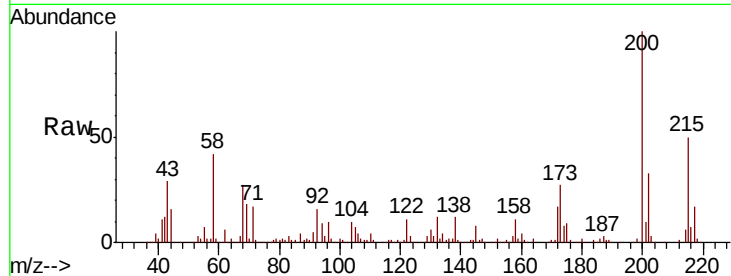
#69
 Atrazine
 Concen: 45.459 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :
 PB126599BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	251074		
173	26.7	6.6	46.6	
215	50.0	31.0	71.0	

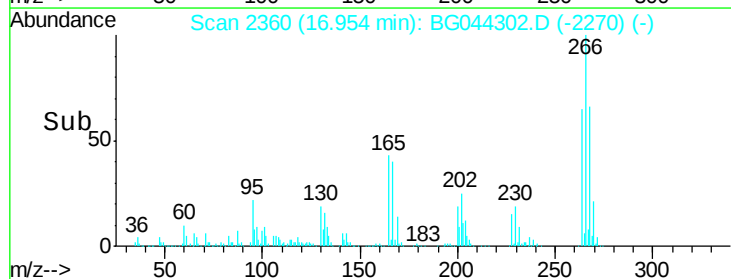
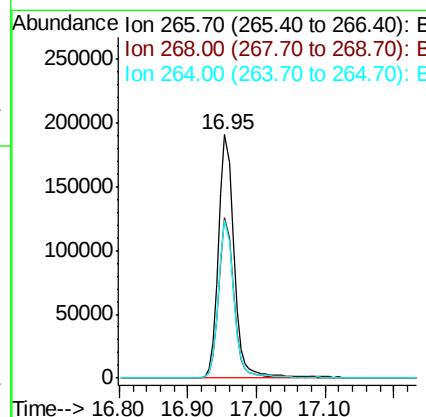
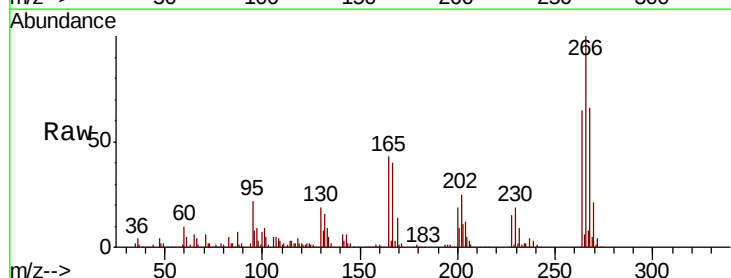
Manual Integrations
 APPROVED

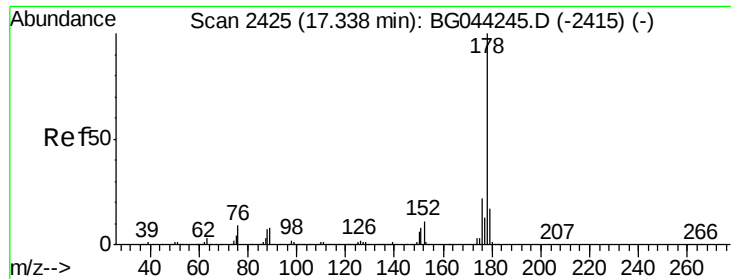
mohammad
 2/6/2020 2:19:19 PM



#70
 Pentachlorophenol
 Concen: 84.974 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	302304		
268	65.7	50.6	75.8	
264	64.7	48.7	73.1	





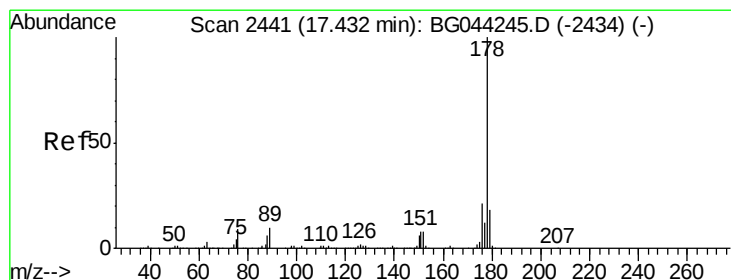
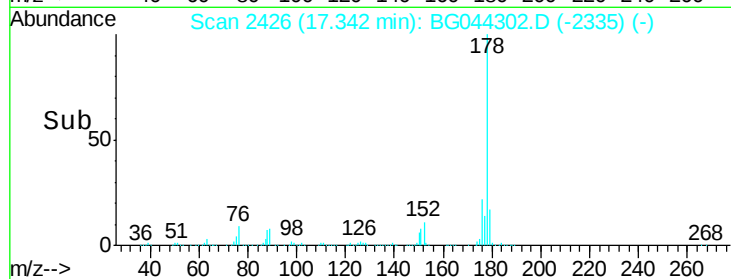
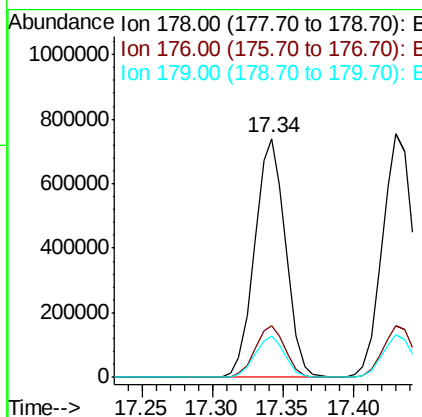
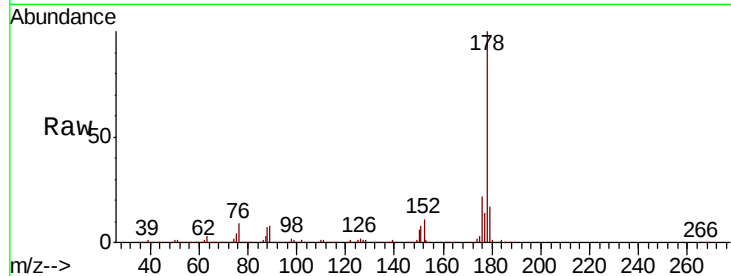
#71
Phenanthrene
Concen: 40.659 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion:178 Resp: 1132086
Ion Ratio Lower Upper
178 100
176 21.8 17.7 26.5
179 17.4 13.7 20.5

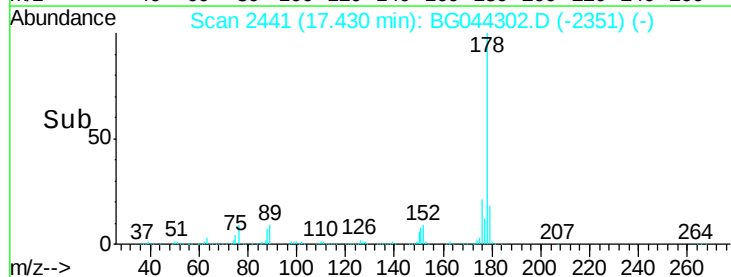
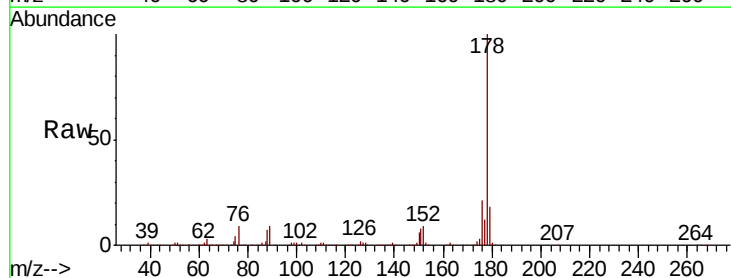
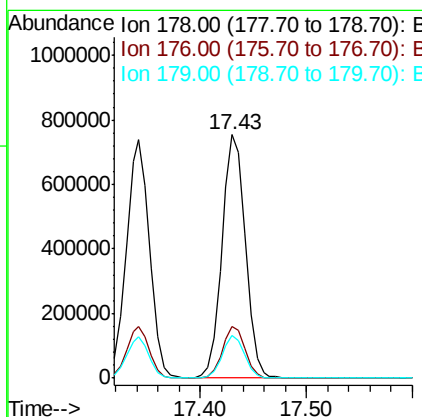
Manual Integrations
APPROVED

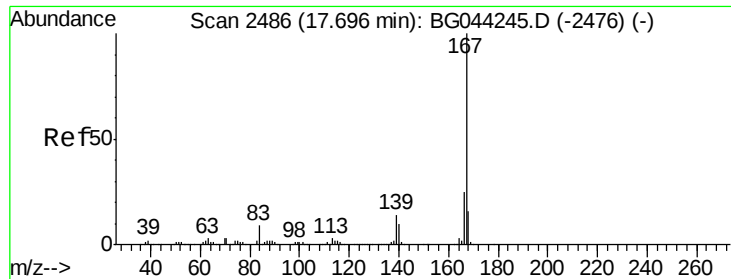
mohammad
2/6/2020 2:19:19 PM



#72
Anthracene
Concen: 41.924 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion:178 Resp: 1154067
Ion Ratio Lower Upper
178 100
176 21.2 17.0 25.4
179 17.8 14.4 21.6





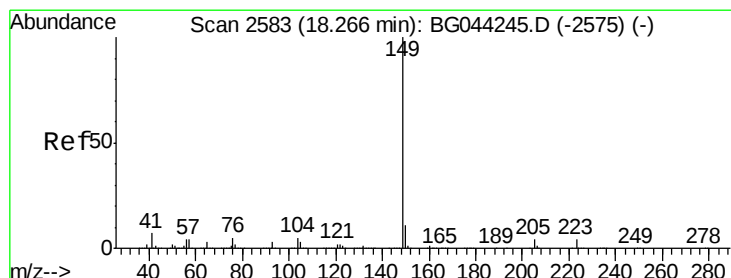
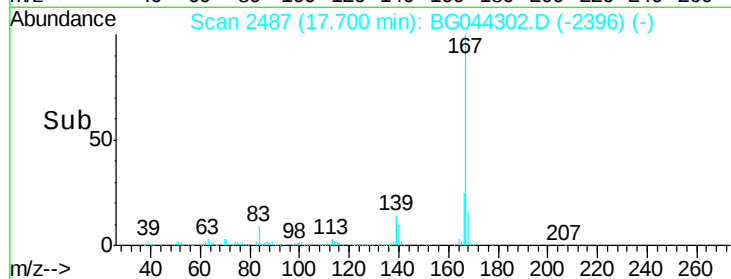
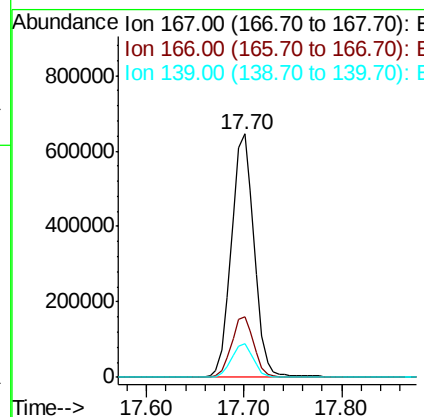
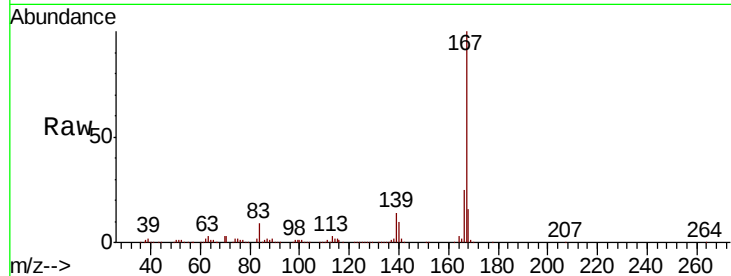
#73
 Carbazole
 Concen: 41.101 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :
 PB126599BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.8	29.6
139	13.9	11.1	16.7

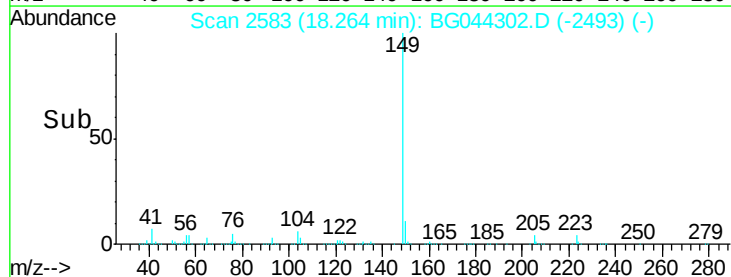
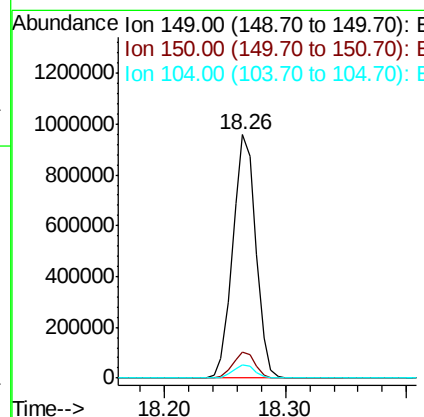
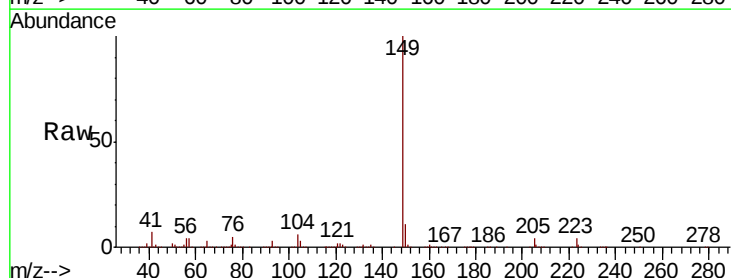
Manual Integrations
 APPROVED

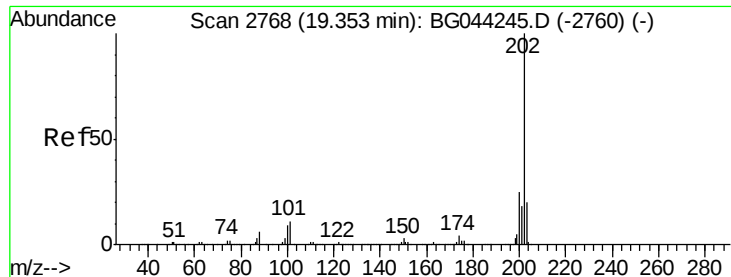
mohammad
 2/6/2020 2:19:19 PM



#74
 Di-n-butylphthalate
 Concen: 40.439 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.7	13.1
104	5.5	4.3	6.5





#75

Fluoranthene

Concen: 41.004 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

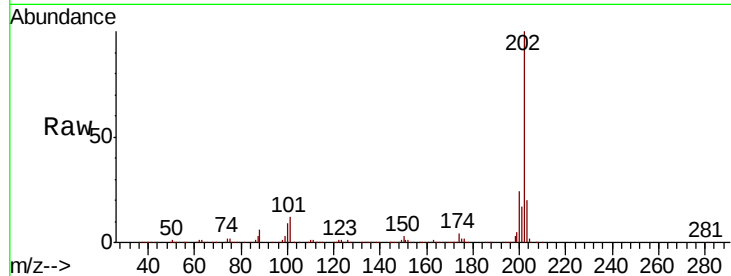
ClientSampleId :

PB126599BS

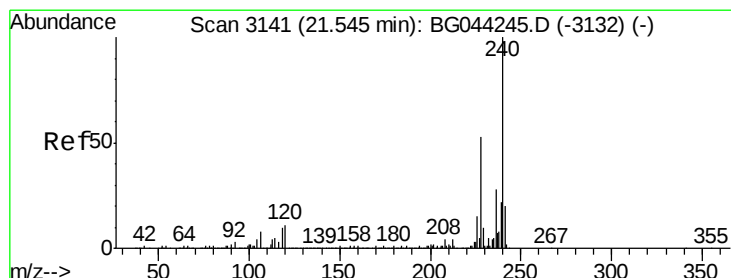
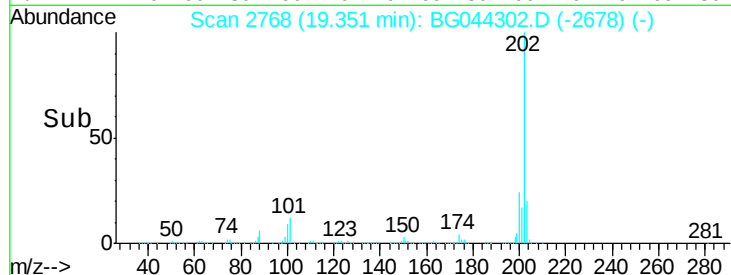
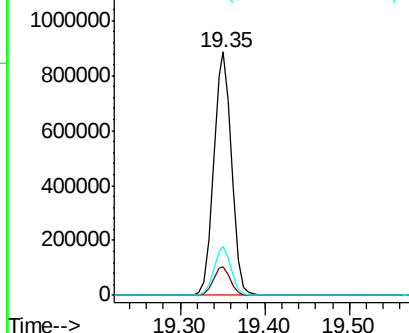
Tot Ion:	202	Resp:	1320745
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.3
203	20.0	0.0	39.9

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

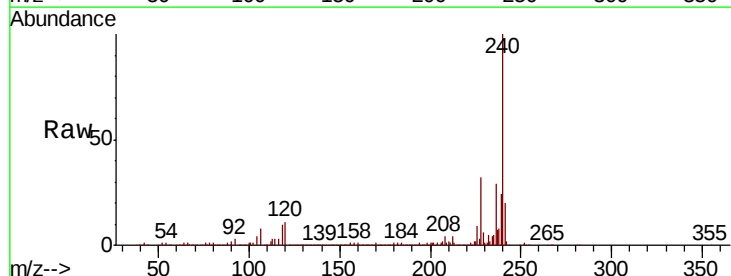
RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

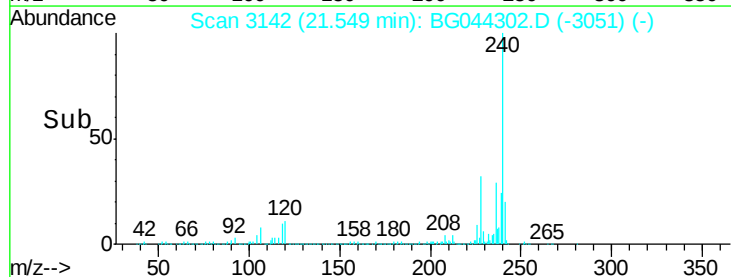
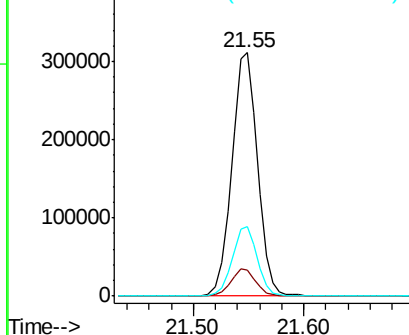
Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Tgt Ion:	240	Resp:	507701
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.4	12.6
236	28.6	22.1	33.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.151 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

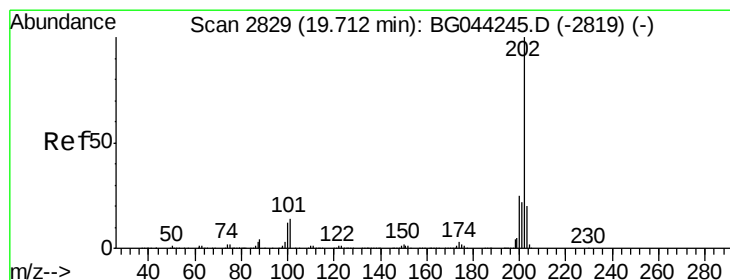
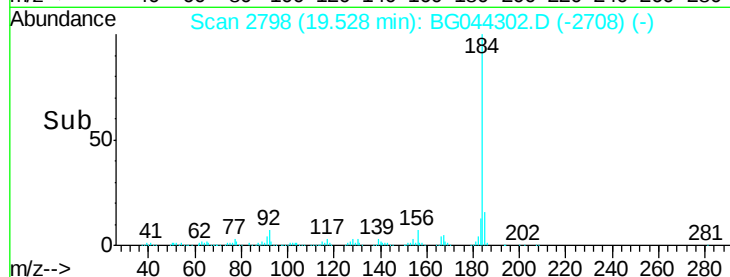
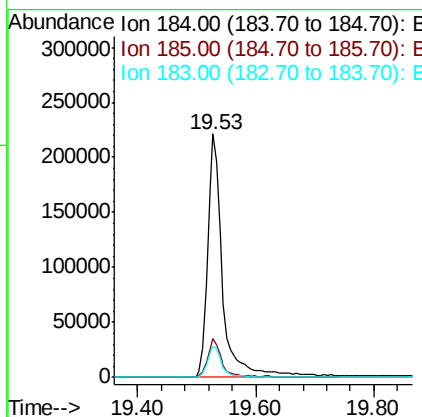
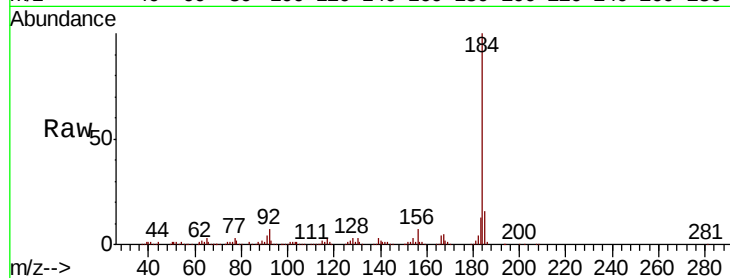
ClientSampleId :

PB126599BS

Tot Ion:	184	Resp:	396440
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.9	19.3
183	12.6	10.8	16.2

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



#78

Pyrene

Concen: 40.639 ng

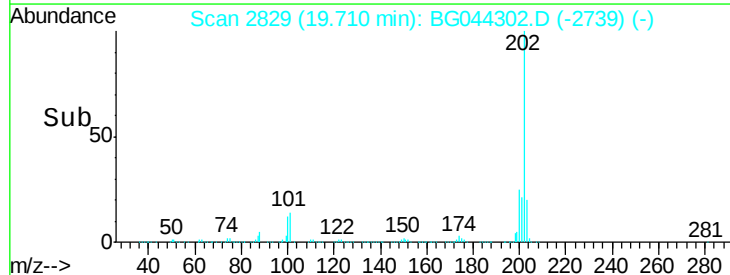
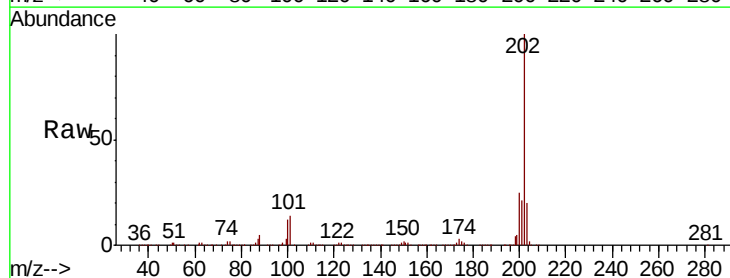
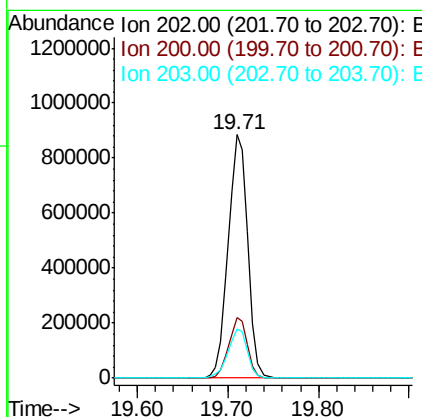
RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Tgt Ion:	202	Resp:	1325025
Ion Ratio	Lower	Upper	
202	100		
200	24.6	20.0	30.0
203	20.4	16.2	24.2





#79

Terphenyl-d14

Concen: 66.689 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

PB126599BS

Tot Ion:244 Resp: 1646088

Ion Ratio Lower Upper

244 100

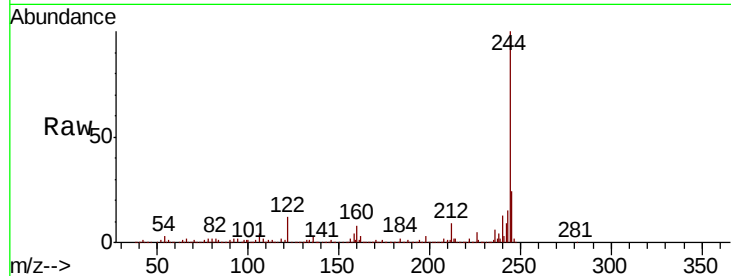
212 8.8 7.4 11.2

122 11.9 9.8 14.6

Manual Integrations
APPROVED

mohammad

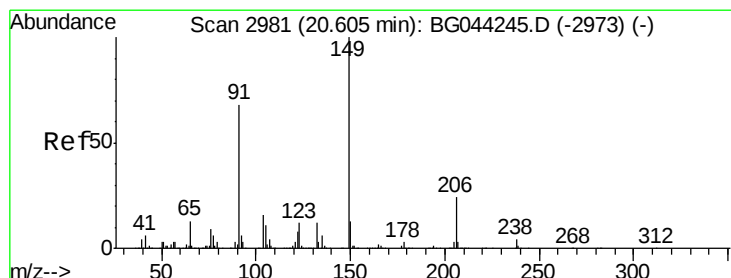
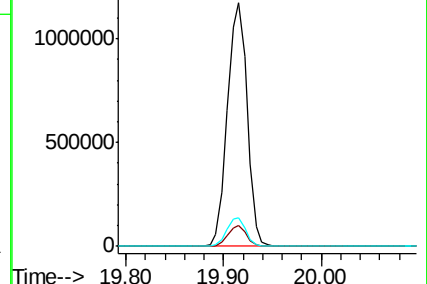
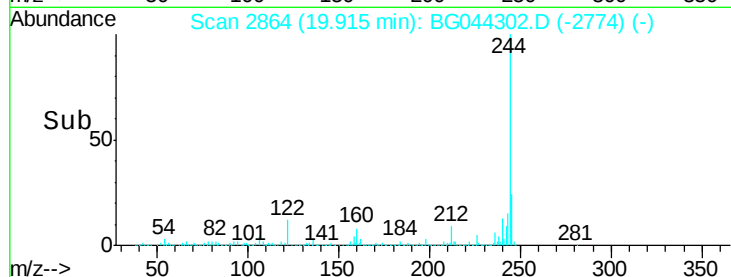
2/6/2020 2:19:19 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.220 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

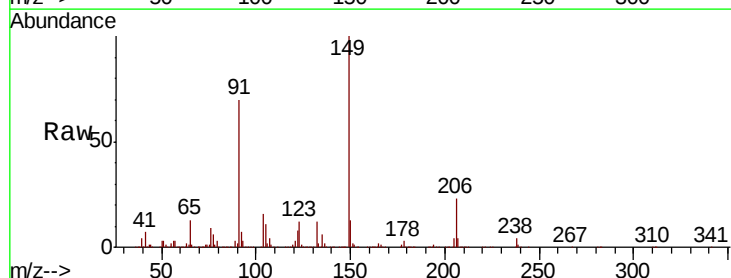
Tgt Ion:149 Resp: 597595

Ion Ratio Lower Upper

149 100

91 70.5 54.5 81.7

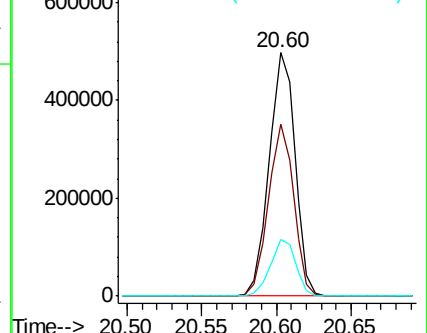
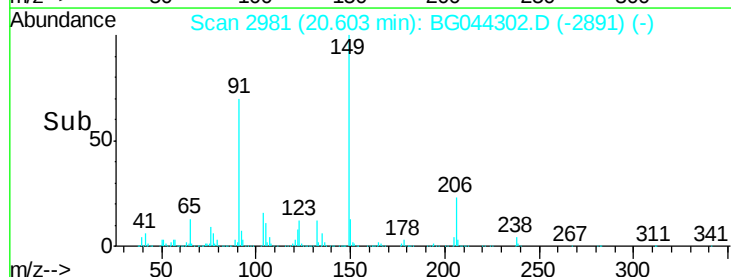
206 23.1 19.1 28.7

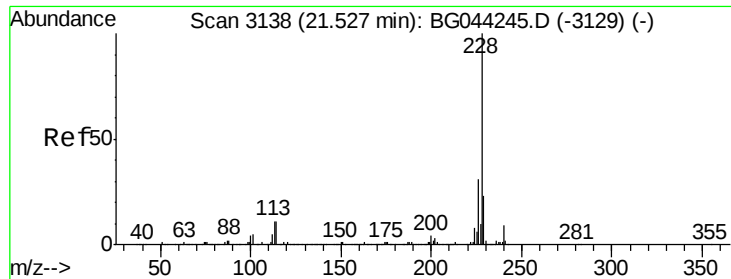


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





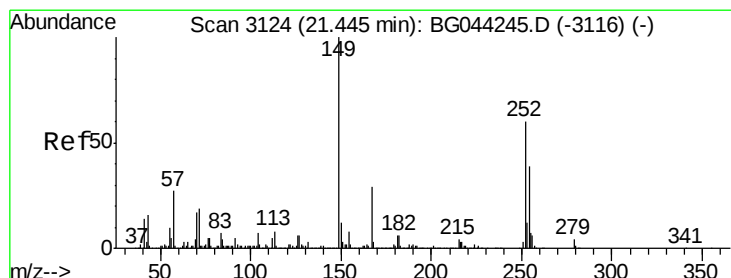
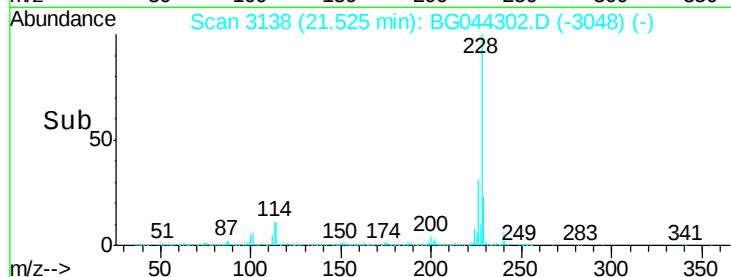
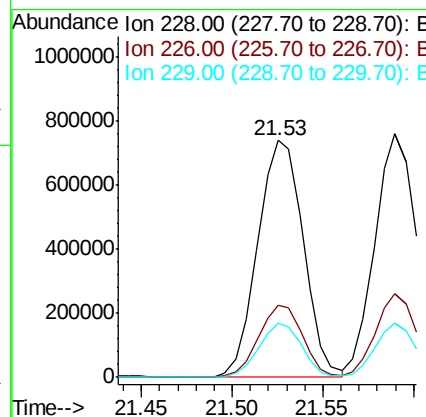
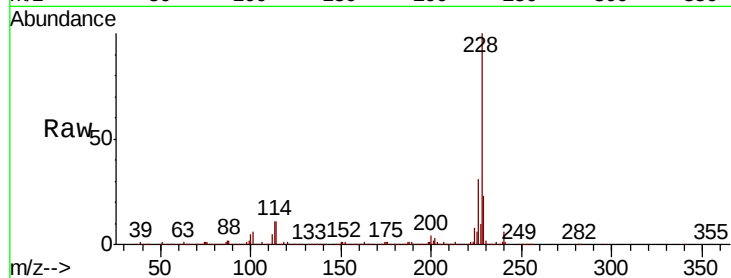
#81
Benzo(a)anthracene
Concen: 41.384 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	22.7	18.2	27.4

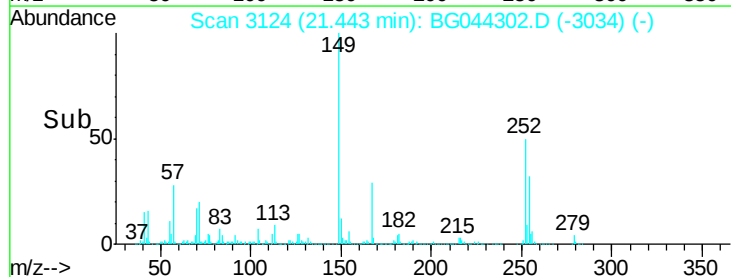
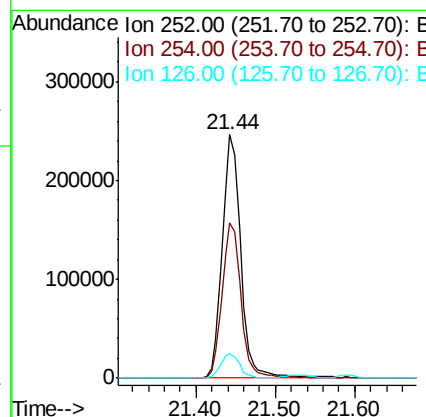
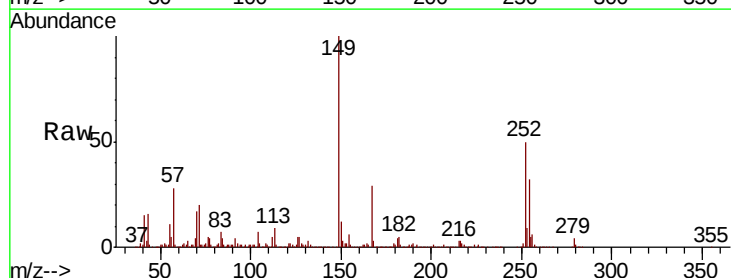
Manual Integrations
APPROVED

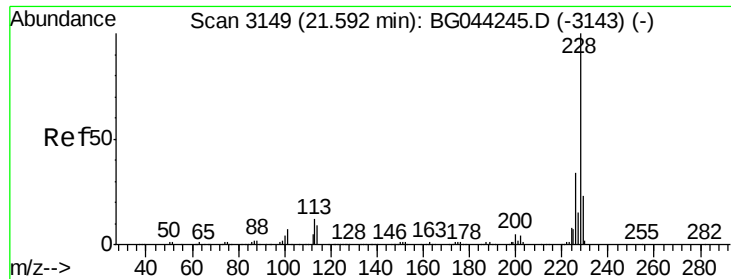
mohammad
2/6/2020 2:19:19 PM



#82
3,3'-Dichlorobenzidine
Concen: 33.016 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.6	78.8
126	10.1	8.2	12.4





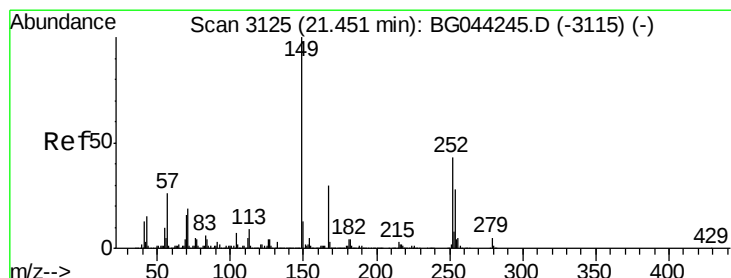
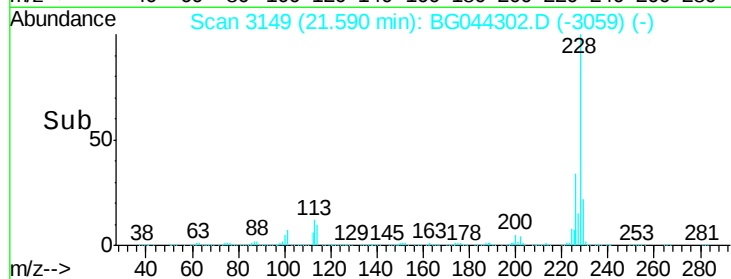
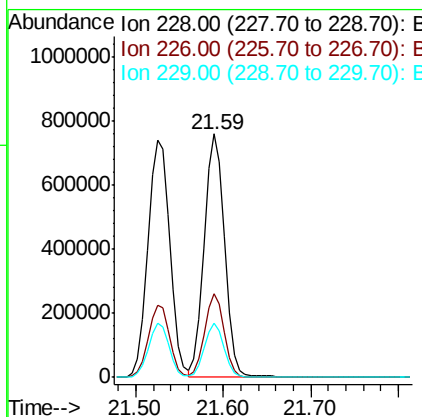
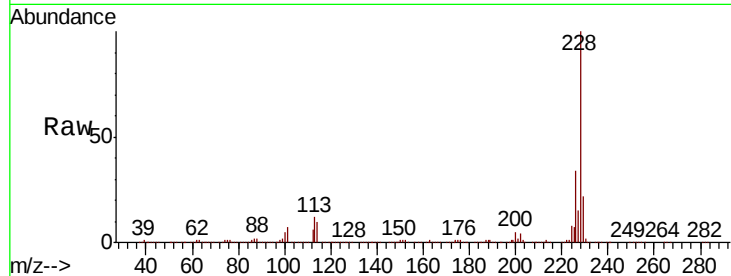
#83
Chrysene
Concen: 40.760 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :
PB126599BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.3	27.1	40.7
229	22.3	17.9	26.9

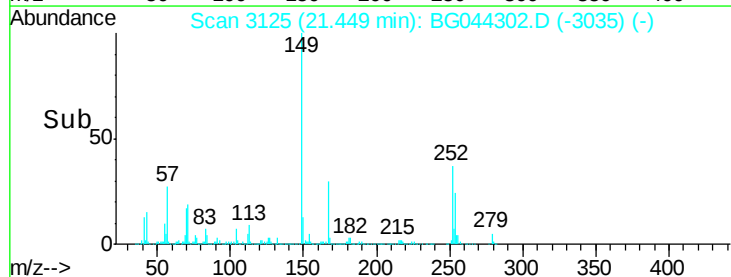
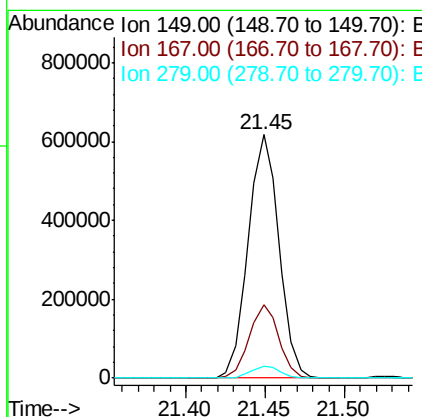
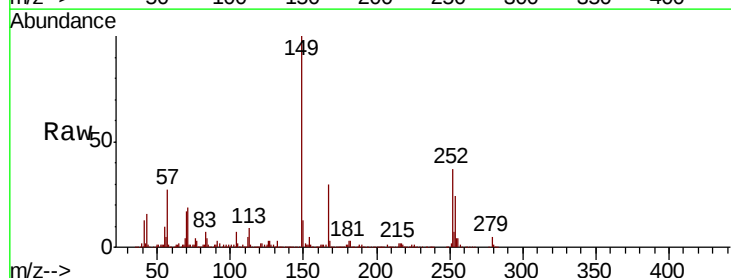
Manual Integrations
APPROVED

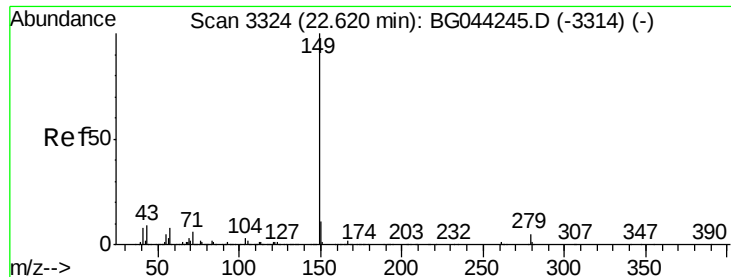
mohammad
2/6/2020 2:19:19 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.719 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.0	36.0
279	4.7	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 41.586 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

PB126599BS

Tot Ion:149 Resp: 1471519

Ion Ratio Lower Upper

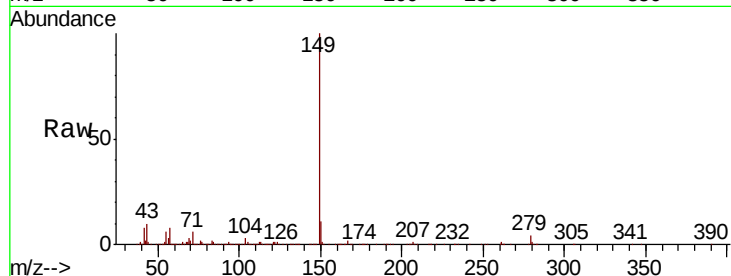
149 100

167 1.7 1.3 1.9

43 9.3 7.4 11.0

Manual Integrations
APPROVED

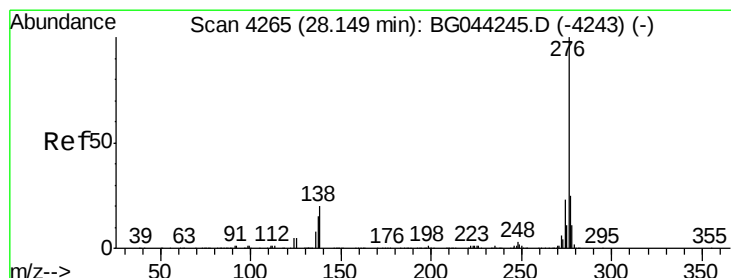
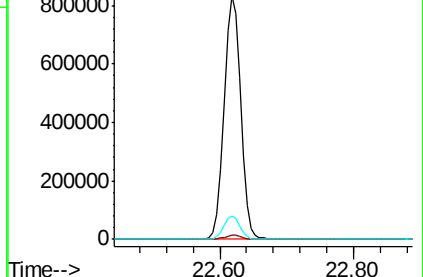
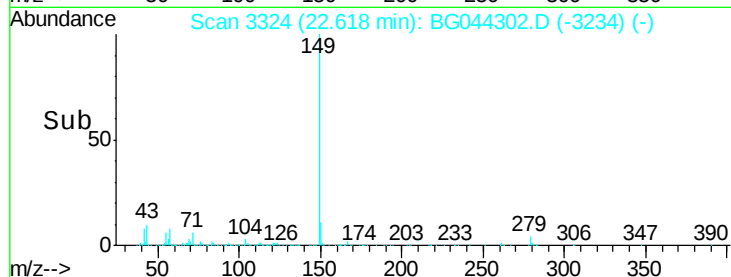
mohammad
2/6/2020 2:19:19 PM



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.131 ng

RT: 28.15 min Scan# 4266

Delta R.T. 0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

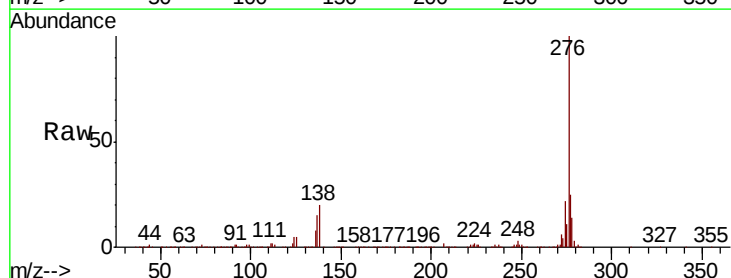
Tgt Ion:276 Resp: 1583534

Ion Ratio Lower Upper

276 100

138 24.1 19.4 29.0

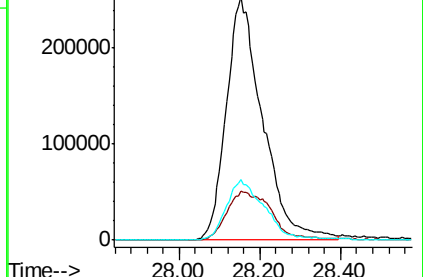
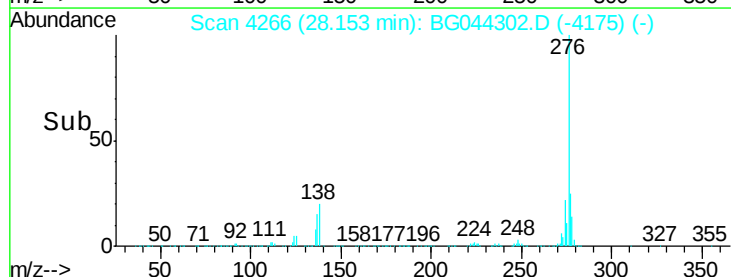
277 25.7 21.0 31.6

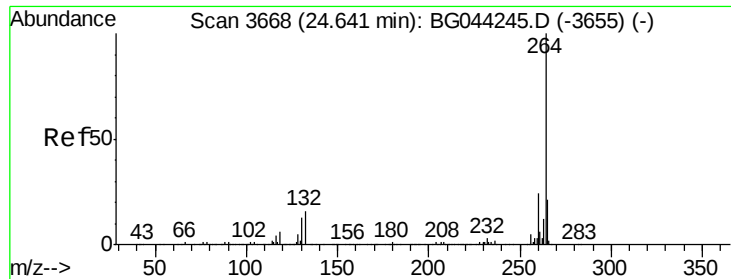


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.64 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

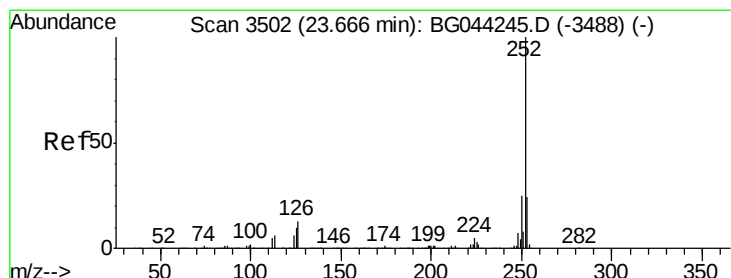
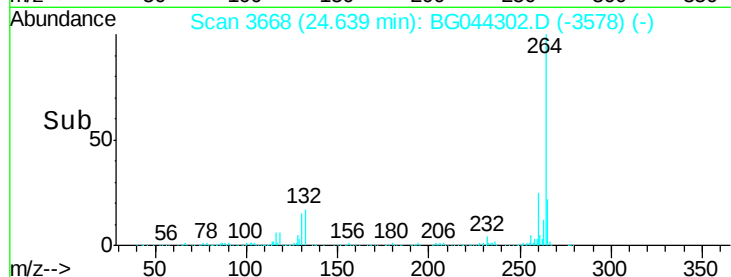
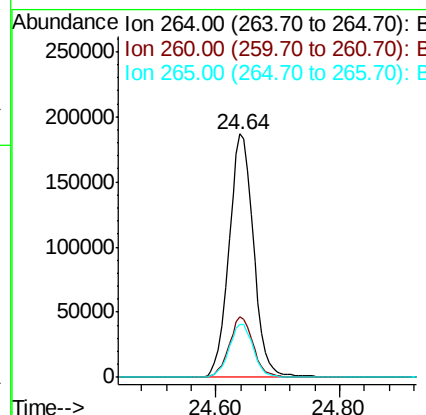
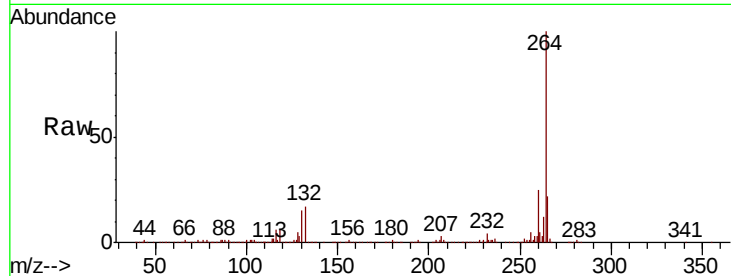
ClientSampleId :

PB126599BS

Tot Ion:	264	Resp:	516501
Ion Ratio		Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.6	16.7	25.1

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



#88

Benzo(b)fluoranthene

Concen: 46.709 ng

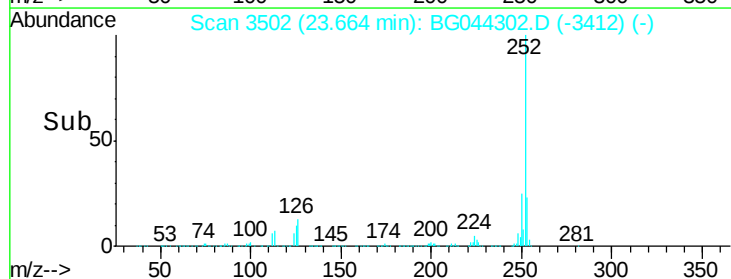
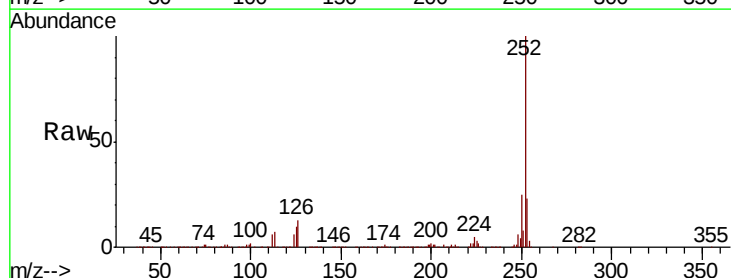
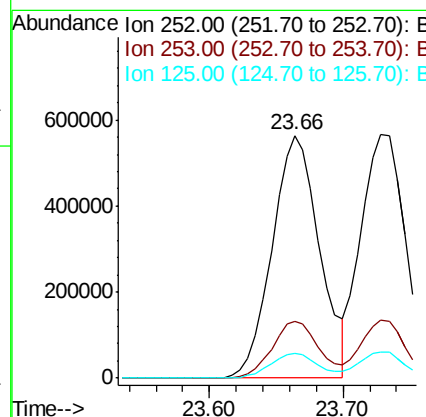
RT: 23.66 min Scan# 3502

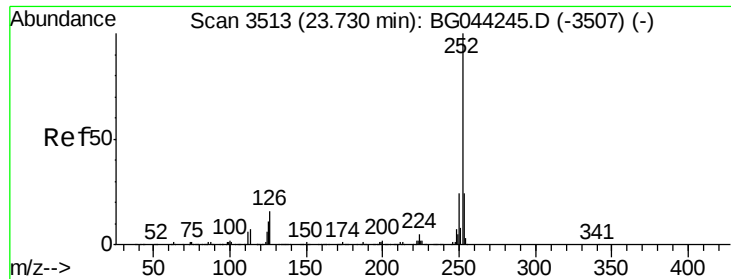
Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Tgt Ion:	252	Resp:	1390184
Ion Ratio		Lower	Upper
252	100		
253	23.5	19.2	28.8
125	10.4	8.4	12.6





#89

Benzo(k)fluoranthene

Concen: 45.633 ng

RT: 23.73 min Scan# 3513

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

PB126599BS

Tot Ion:252 Resp: 1323713

Ion Ratio Lower Upper

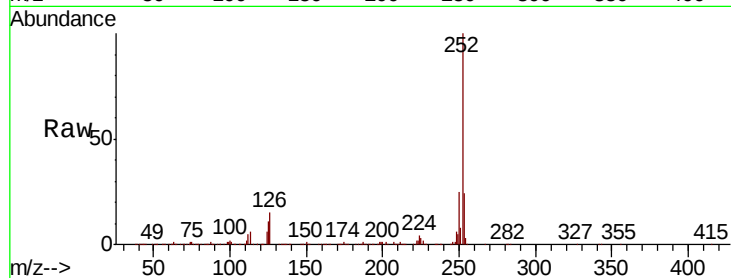
252 100

253 23.8 19.1 28.7

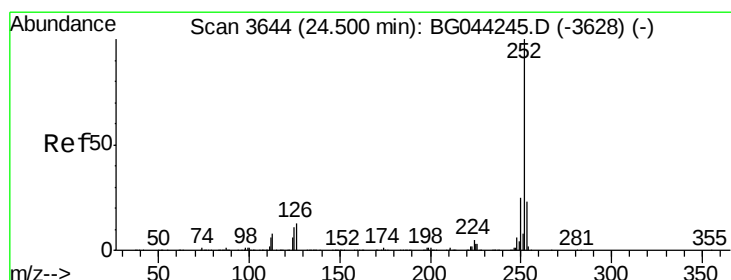
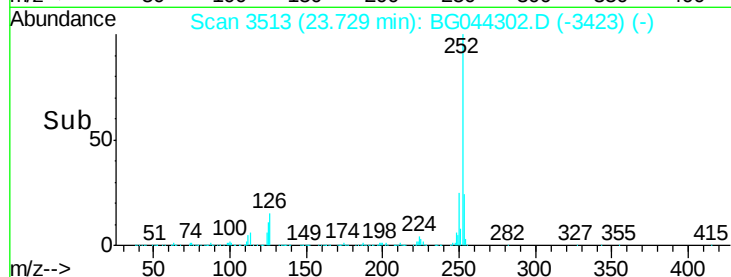
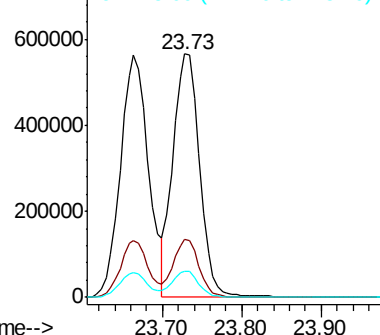
125 10.8 8.6 12.8

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



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: 45.171 ng

RT: 24.50 min Scan# 3644

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

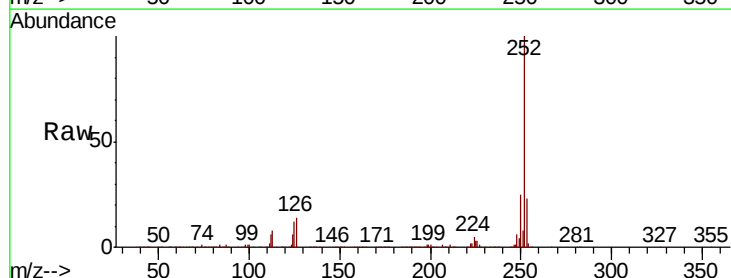
Tgt Ion:252 Resp: 1271107

Ion Ratio Lower Upper

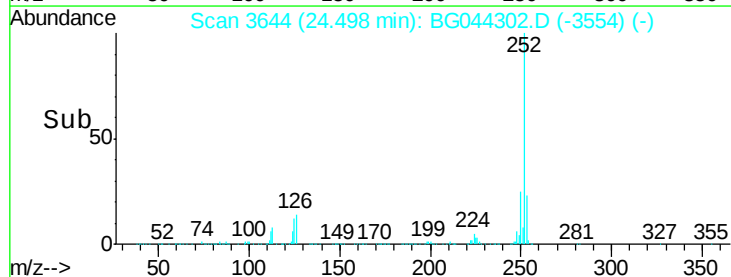
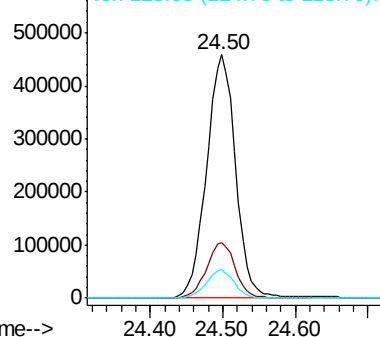
252 100

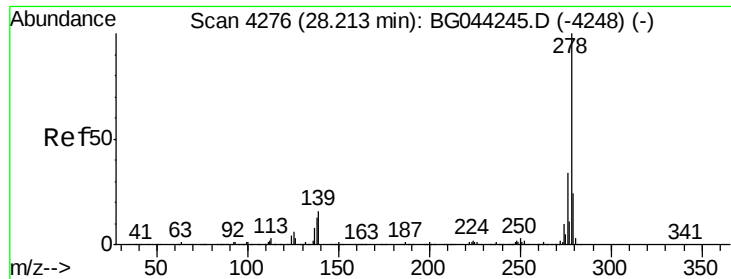
253 22.8 18.1 27.1

125 11.7 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: 47.013 ng

RT: 28.22 min Scan# 4277

Delta R.T. 0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

PB126599BS

Tot Ion:278 Resp: 1309280

Ion Ratio Lower Upper

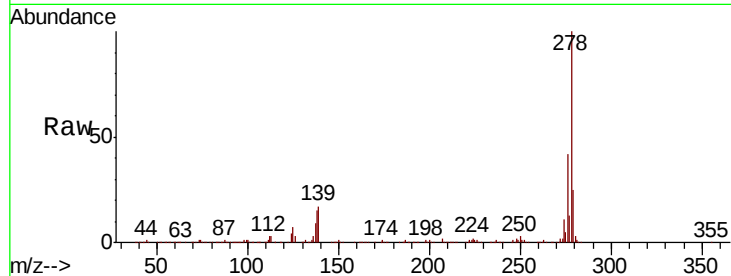
278 100

139 16.5 12.7 19.1

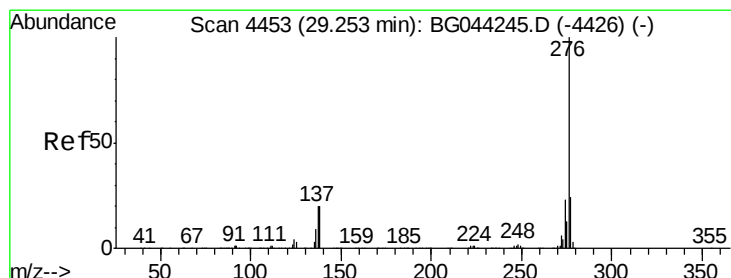
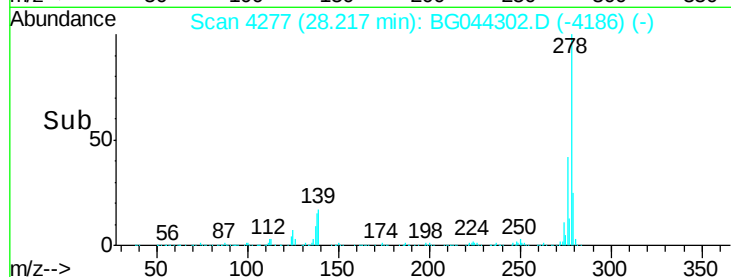
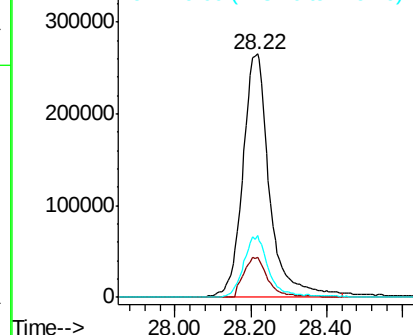
279 25.2 19.3 28.9

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:19 PM



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



#92

Benzo(g,h,i)perylene

Concen: 48.172 ng

RT: 29.25 min Scan# 4452

Delta R.T. -0.01 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

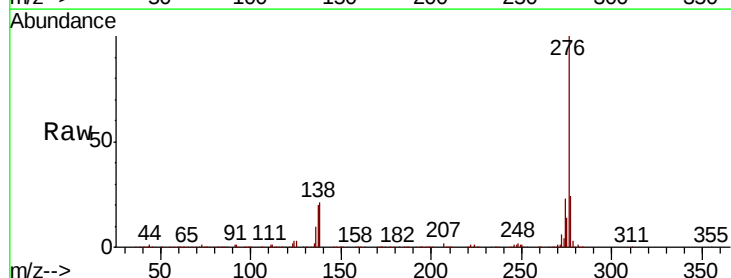
Tgt Ion:276 Resp: 1343006

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 20.6 16.2 24.2



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

