

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044489.D
 Acq On : 19 Feb 2020 14:10
 Operator : CG/JU
 Sample : PB126885BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126885BS

Manual Integrations
 APPROVED

mohammad
 2/20/2020 3:11:37 PM

Quant Time: Feb 20 07:37:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	56586	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	229562	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	151316	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	340133	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	323850	20.00	ng	-0.01
87) Perylene-d12	24.60	264	369524	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	383900	119.73	ng	0.00
7) Phenol-d6	7.07	99	511923	118.90	ng	0.00
23) Nitrobenzene-d5	9.05	82	266480	65.54	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	202272	113.87	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	630110	69.73	ng	-0.01
79) Terphenyl-d14	19.89	244	1054037	66.95	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.34	88	55102	38.250	ng 99
3) Pyridine	3.74	79	129849	33.832	ng 100
4) n-Nitrosodimethylamine	3.65	42	61627	38.426	ng 97
6) Aniline	7.21	93	152735	28.579	ng 99
8) 2-Chlorophenol	7.46	128	150300	42.653	ng 99
9) Benzaldehyde	7.02	77	68736	28.031	ng 98
10) Phenol	7.09	94	184523	43.304	ng 99
11) bis(2-Chloroethyl)ether	7.31	93	137048	37.620	ng 96
12) 1,3-Dichlorobenzene	7.78	146	162498	38.623	ng 98
13) 1,4-Dichlorobenzene	7.93	146	162798	39.068	ng 99
14) 1,2-Dichlorobenzene	8.24	146	153507	38.974	ng 99
15) Benzyl Alcohol	8.13	79	121923	39.998	ng 98
16) 2,2'-oxybis(1-Chloropropan	8.42	45	177825	36.065	ng 98
17) 2-Methylphenol	8.34	107	128071	42.126	ng 97
18) Hexachloroethane	8.97	117	57559	36.809	ng 99
19) n-Nitroso-di-n-propylamine	8.70	70	107521	37.471	ng 97
20) 3+4-Methylphenols	8.67	107	174386	41.621	ng 98
22) Acetophenone	8.71	105	204871	36.685	ng 99
24) Nitrobenzene	9.09	77	152196	38.340	ng 99
25) Isophorone	9.61	82	294668	38.880	ng 100
26) 2-Nitrophenol	9.80	139	85987	41.746	ng 99
27) 2,4-Dimethylphenol	9.87	122	141335	48.609	ng 99
28) bis(2-Chloroethoxy)methane	10.10	93	184204	36.434	ng 99
29) 2,4-Dichlorophenol	10.35	162	146455	41.656	ng 97
30) 1,2,4-Trichlorobenzene	10.56	180	153732	38.134	ng 99
31) Naphthalene	10.74	128	451647	40.551	ng 98
32) Benzoic acid	10.02	122	37964	28.141	ng 96
33) 4-Chloroaniline	10.85	127	119464	23.584	ng 99
34) Hexachlorobutadiene	11.03	225	89743	36.178	ng 99
35) Caprolactam	11.61	113	53764m	41.746	ng
36) 4-Chloro-3-methylphenol	11.99	107	152941	41.491	ng 99
37) 2-Methylnaphthalene	12.35	142	335237	40.539	ng 98
38) 1-Methylnaphthalene	12.57	142	315914	40.521	ng 99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	163387	36.097	ng 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044489.D
 Acq On : 19 Feb 2020 14:10
 Operator : CG/JU
 Sample : PB126885BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB126885BS

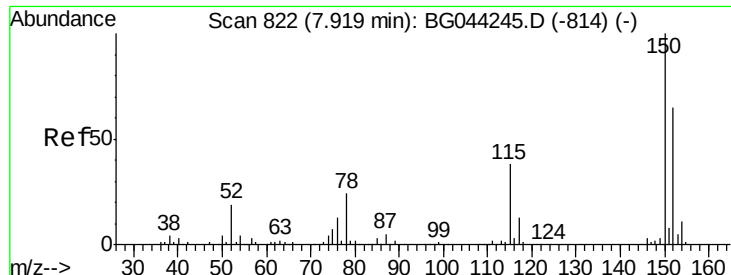
Manual Integrations
 APPROVED

mohammad
 2/20/2020 3:11:37 PM

Quant Time: Feb 20 07:37:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	167213	76.990	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	114464	39.123	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	122332	40.937	ng	98
46) 1,1'-Biphenyl	13.36	154	422161	38.679	ng	98
47) 2-Chloronaphthalene	13.40	162	328375	37.808	ng	99
48) 2-Nitroaniline	13.60	65	92190	35.967	ng	97
49) Acenaphthylene	14.25	152	526021	41.292	ng	98
50) Dimethylphthalate	13.98	163	412643	37.937	ng	99
51) 2,6-Dinitrotoluene	14.10	165	94256	38.865	ng	96
52) Acenaphthene	14.60	154	319151	38.652	ng	98
53) 3-Nitroaniline	14.43	138	66532	24.796	ng	98
54) 2,4-Dinitrophenol	14.64	184	94830	67.325	ng	98
55) Dibenzofuran	14.93	168	502534	40.198	ng	97
56) 4-Nitrophenol	14.76	139	170117	86.556	ng	97
57) 2,4-Dinitrotoluene	14.89	165	132447	38.965	ng	96
58) Fluorene	15.58	166	399719	40.595	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	108281	40.115	ng	99
60) Diethylphthalate	15.35	149	419013	38.661	ng	98
61) 4-Chlorophenyl-phenylether	15.57	204	204773	38.355	ng	99
62) 4-Nitroaniline	15.59	138	96119	35.851	ng	94
63) Azobenzene	15.86	77	371386	39.098	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	78890	42.018	ng	96
66) n-Nitrosodiphenylamine	15.79	169	371069	38.929	ng	96
67) 4-Bromophenyl-phenylether	16.47	248	135940	36.684	ng	98
68) Hexachlorobenzene	16.59	284	153198	36.901	ng	98
69) Atrazine	16.74	200	142256	43.542	ng	97
70) Pentachlorophenol	16.94	266	150426	71.979	ng	97
71) Phenanthrene	17.32	178	668190	40.569	ng	97
72) Anthracene	17.41	178	684573	42.040	ng	98
73) Carbazole	17.68	167	623752	41.551	ng	99
74) Di-n-butylphthalate	18.24	149	765678	41.275	ng	98
75) Fluoranthene	19.33	202	824961	43.298	ng	98
77) Benzidine	19.51	184	307005	34.177	ng	97
78) Pyrene	19.69	202	834049	40.103	ng	97
80) Butylbenzylphthalate	20.58	149	360553	38.042	ng	97
81) Benzo(a)anthracene	21.50	228	799898	40.077	ng	97
82) 3,3'-Dichlorobenzidine	21.42	252	226872	29.288	ng	96
83) Chrysene	21.56	228	764057	39.604	ng	98
84) Bis(2-ethylhexyl)phthalate	21.42	149	508459	38.976	ng	98
85) Di-n-octyl phthalate	22.59	149	909387	40.289	ng	99
86) Indeno(1,2,3-cd)pyrene	28.09	276	978763	38.886	ng	99
88) Benzo(b)fluoranthene	23.63	252	850693	39.951	ng	97
89) Benzo(k)fluoranthene	23.69	252	818533	39.441	ng	99
90) Benzo(a)pyrene	24.45	252	787316	39.107	ng	99
91) Dibenzo(a,h)anthracene	28.14	278	812683	40.788	ng	99
92) Benzo(g,h,i)perylene	29.18	276	829528	41.589	ng	99

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



#1

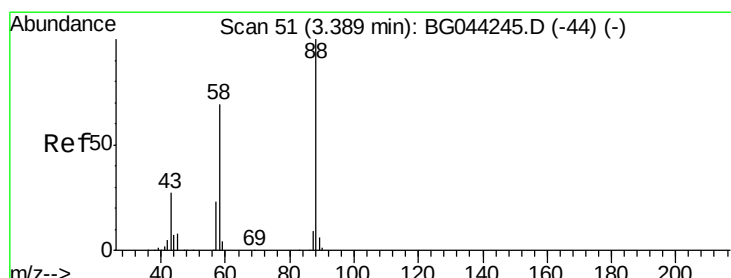
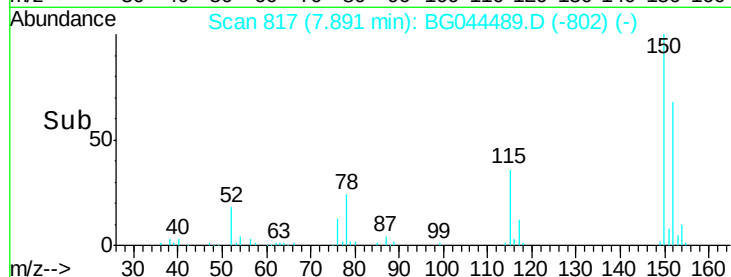
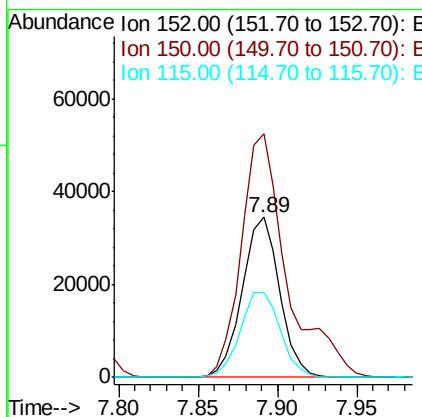
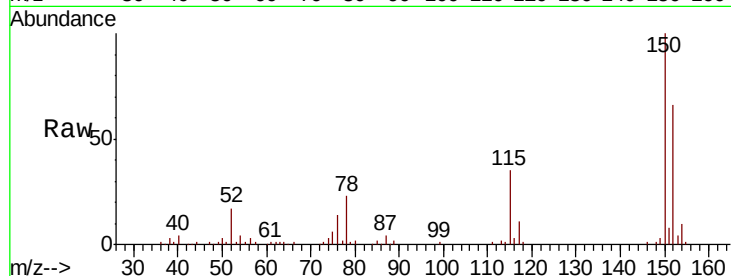
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.6	183.8
115	53.2	46.0	69.0

Manual Integrations
APPROVED

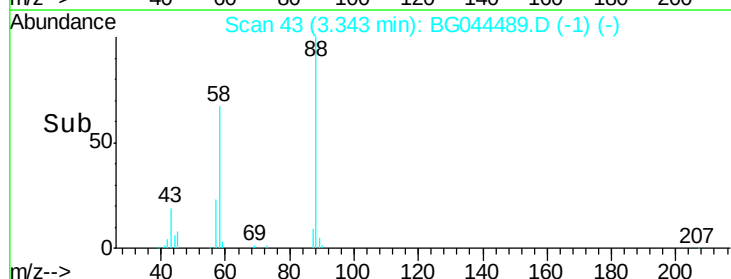
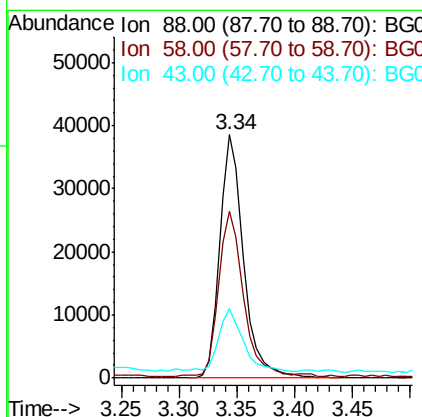
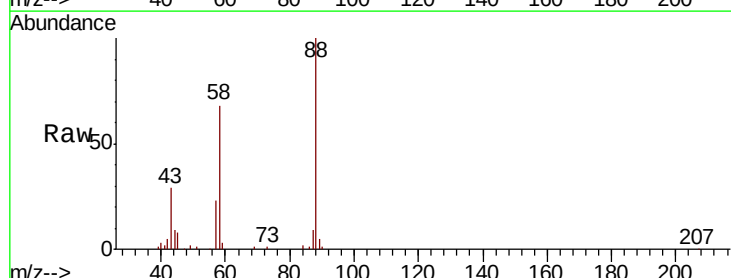
mohammad
2/20/2020 3:11:37 PM

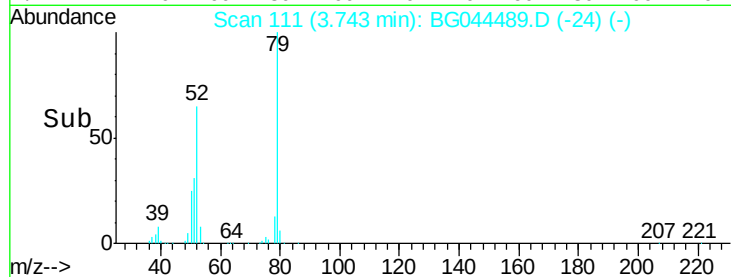
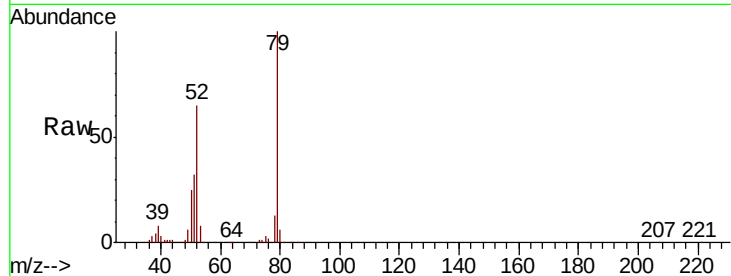
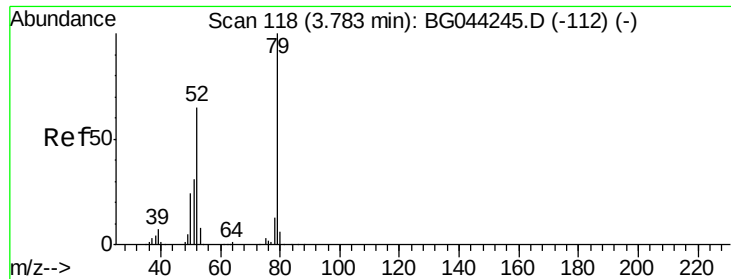


#2

1,4-Dioxane
Concen: 38.250 ng
RT: 3.34 min Scan# 43
Delta R.T. -0.02 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.8	83.6
43	26.2	21.6	32.4





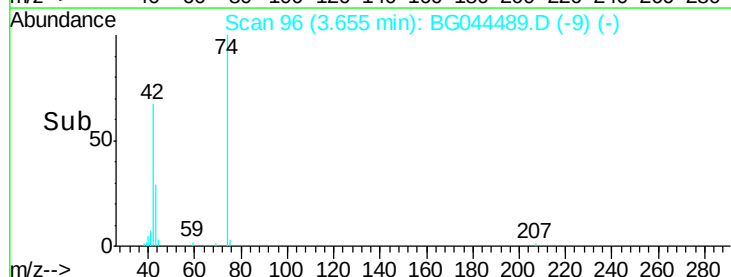
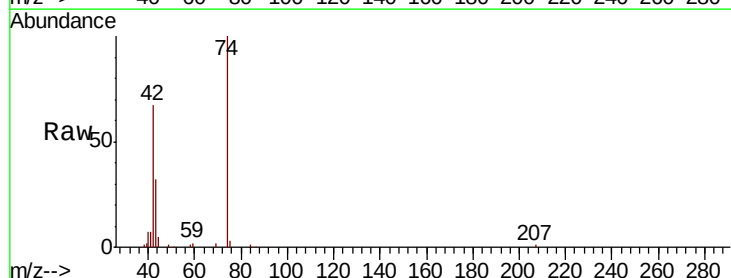
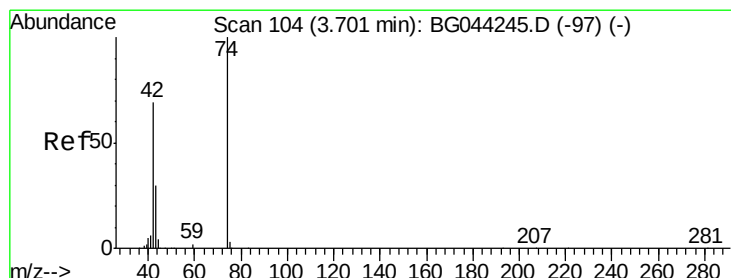
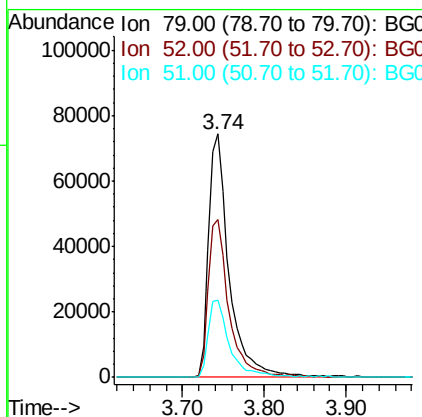
#3
 Pvridine
 Concen: 33.832 ng
 RT: 3.74 min Scan# 111
 Delta R.T. -0.02 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.7	51.9	77.9
51	31.5	25.3	37.9

Instrument :
 BNA_G
 ClientSampleId :
 PB126885BS

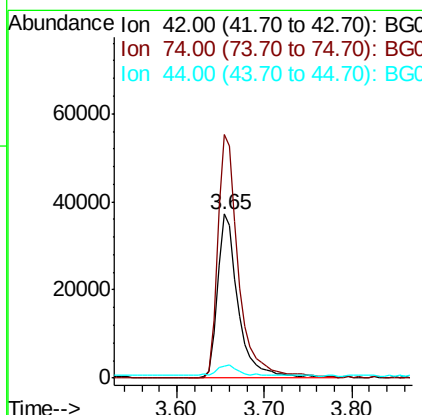
Manual Integrations
 APPROVED

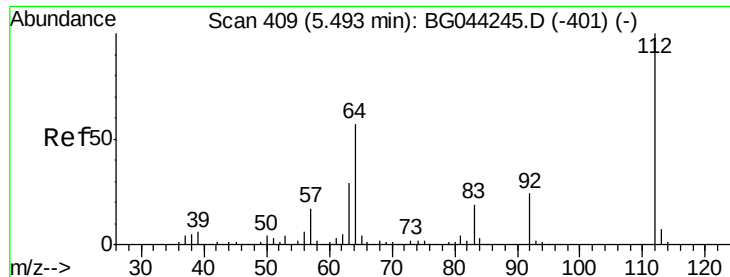
mohammad
 2/20/2020 3:11:37 PM



#4
 n-Nitrosodimethylamine
 Concen: 38.426 ng
 RT: 3.65 min Scan# 96
 Delta R.T. -0.02 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.4	115.1	172.7
44	7.2	5.6	8.4





#5

2-Fluorophenol

Concen: 119.733 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

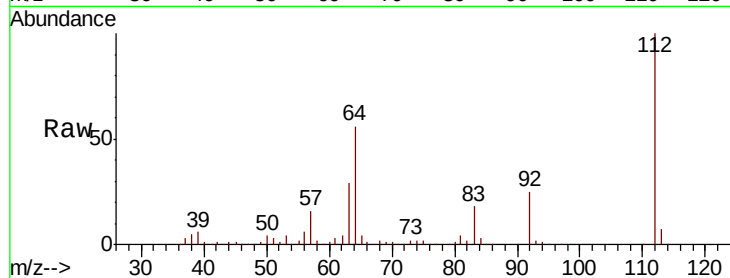
ClientSampleId :

PB126885BS

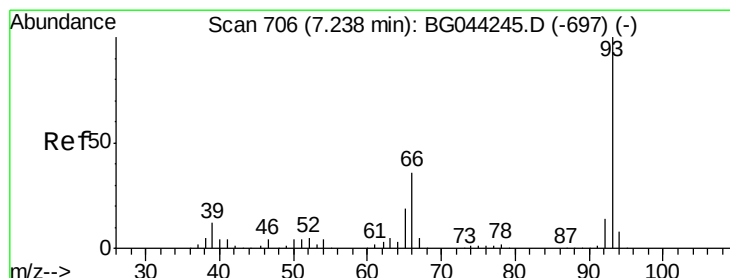
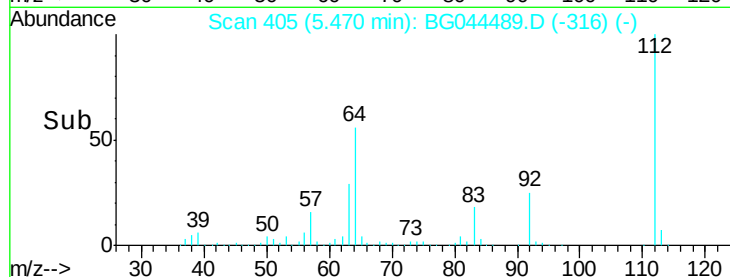
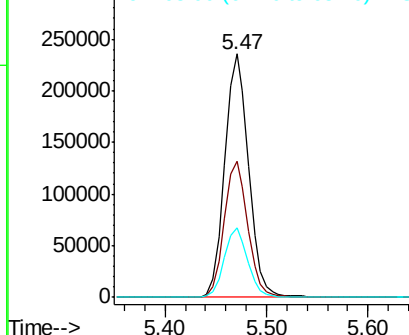
Tot Ion:	112	Resp:	383900
Ion Ratio	Lower	Upper	
112	100		
64	55.8	45.4	68.2
63	28.6	22.9	34.3

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM



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



#6

Aniline

Concen: 28.579 ng

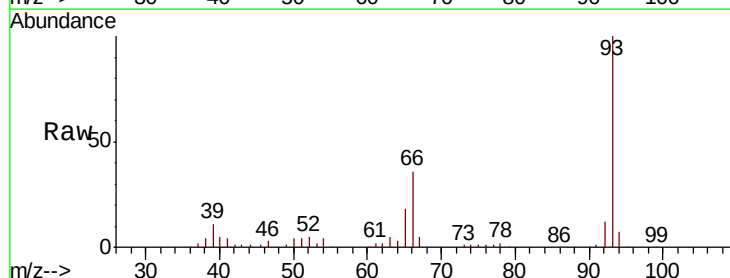
RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

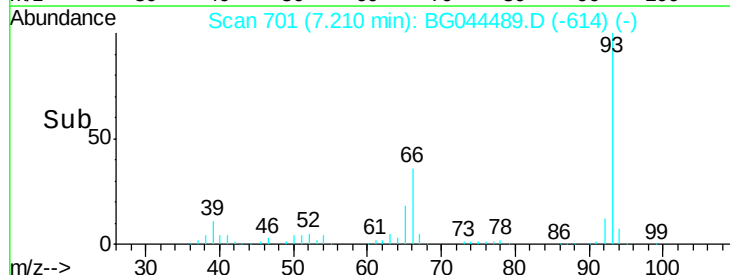
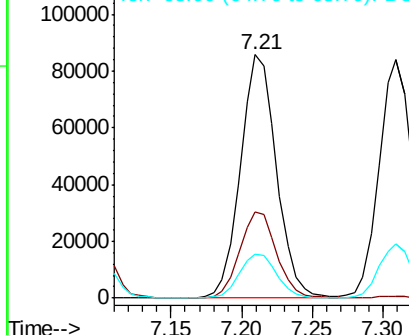
Lab File: BG044489.D

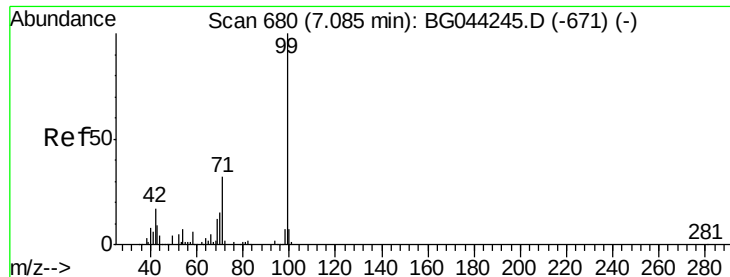
Acq: 19 Feb 2020 14:10

Tgt Ion:	93	Resp:	152735
Ion Ratio	Lower	Upper	
93	100		
66	35.5	28.7	43.1
65	18.0	15.4	23.0



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





#7

Phenol-d6

Concen: 118.898 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

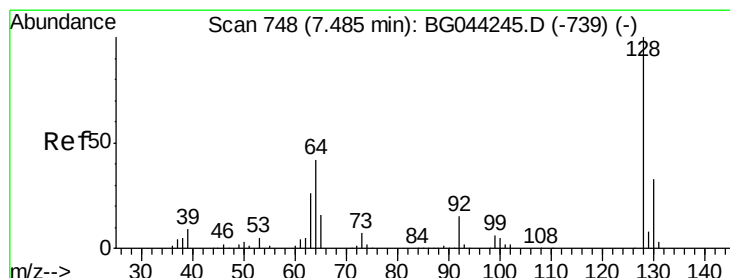
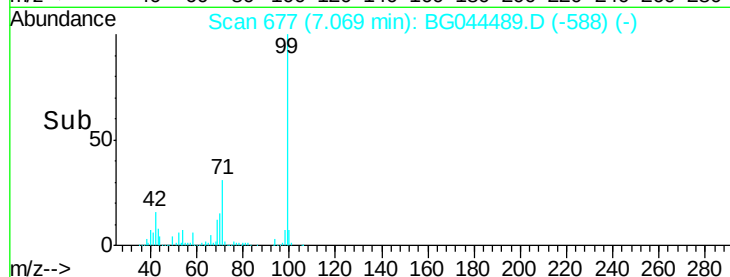
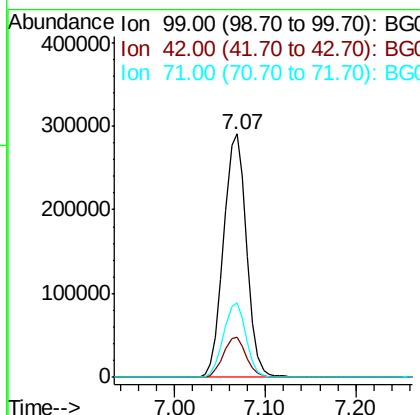
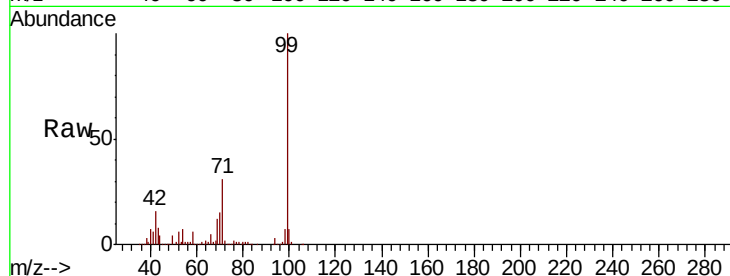
ClientSampleId :

PB126885BS

Tot Ion:	99	Resp:	511923
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.8	20.6
71	30.8	25.5	38.3

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM



#8

2-Chlorophenol

Concen: 42.653 ng

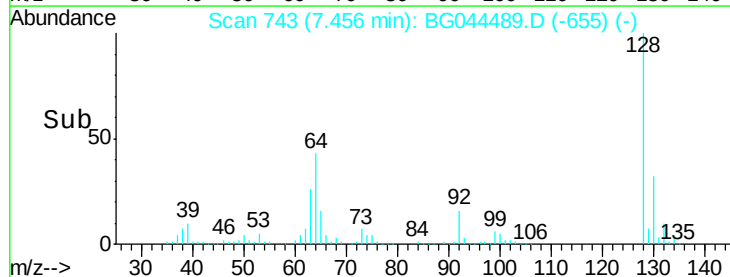
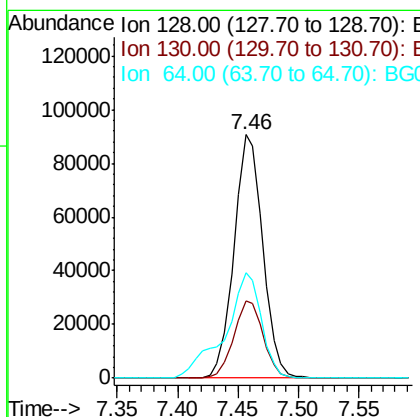
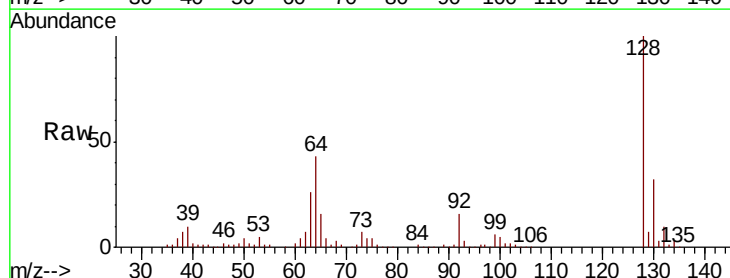
RT: 7.46 min Scan# 743

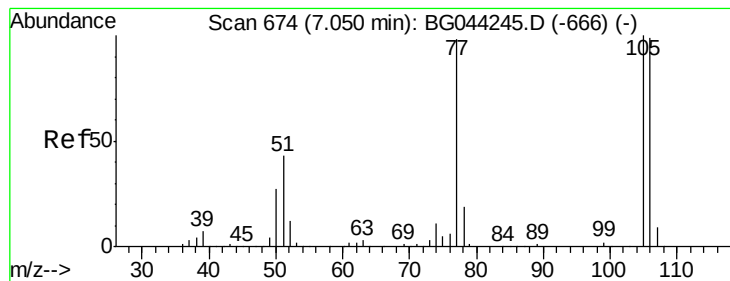
Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Tgt Ion:	128	Resp:	150300
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.5	52.5
64	43.3	24.2	64.2





#9

Benzaldehyde

Concen: 28.031 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

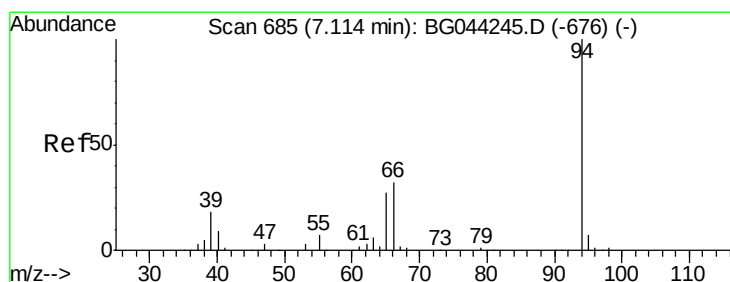
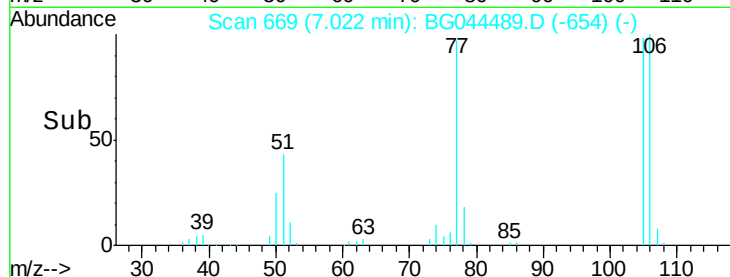
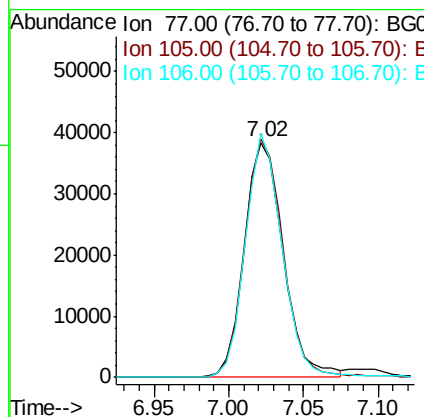
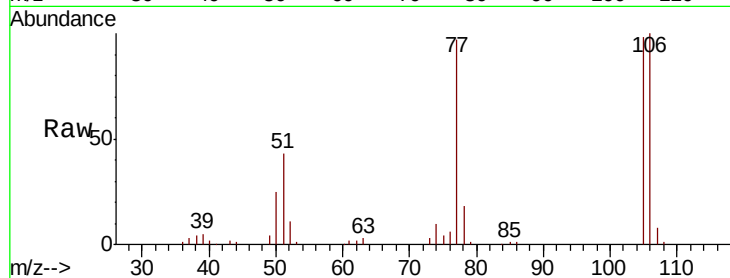
ClientSampled :

PB126885BS

Tot Ion:	77	Resp:	68736
Ion	Ratio	Lower	Upper
77	100		
105	101.8	82.0	122.0
106	103.6	80.7	120.7

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM



#10

Phenol

Concen: 43.304 ng

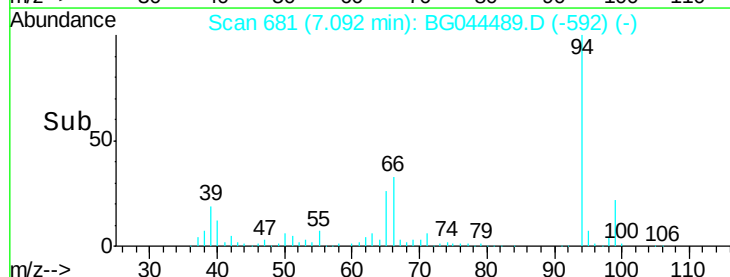
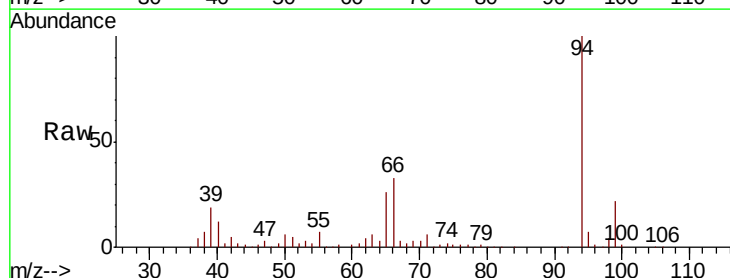
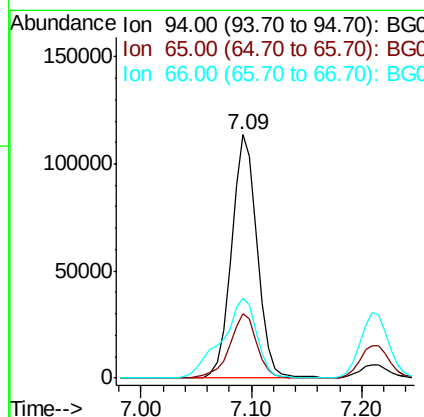
RT: 7.09 min Scan# 681

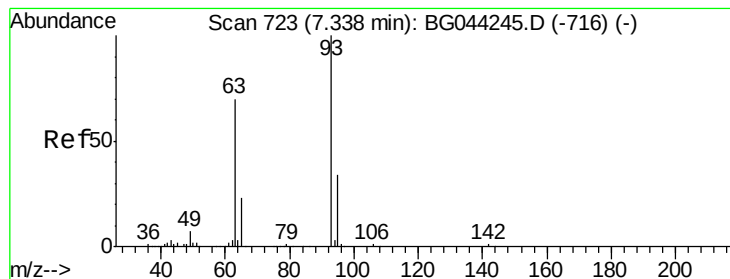
Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Tgt Ion:	94	Resp:	184523
Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.0	47.0
66	32.7	12.7	52.7





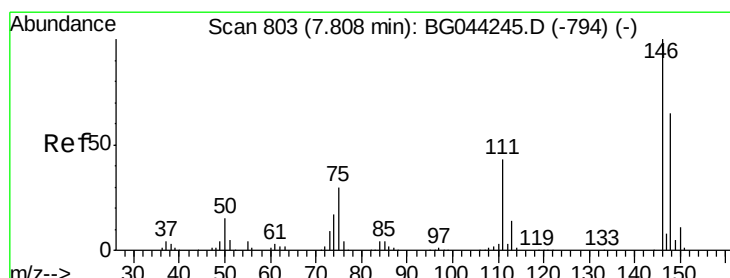
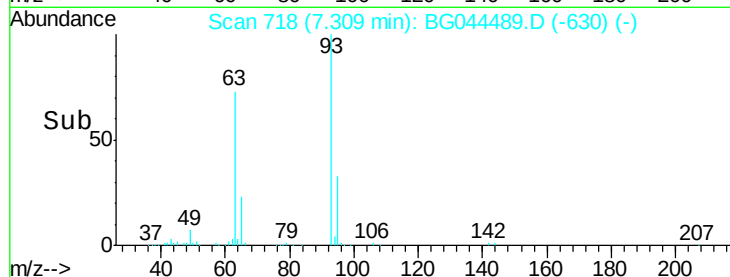
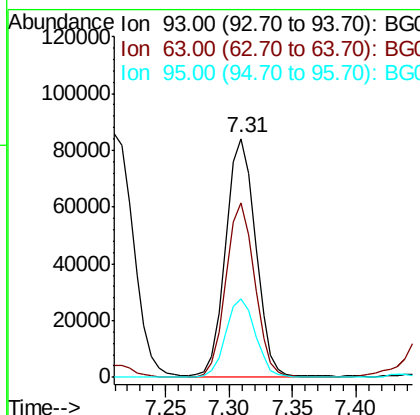
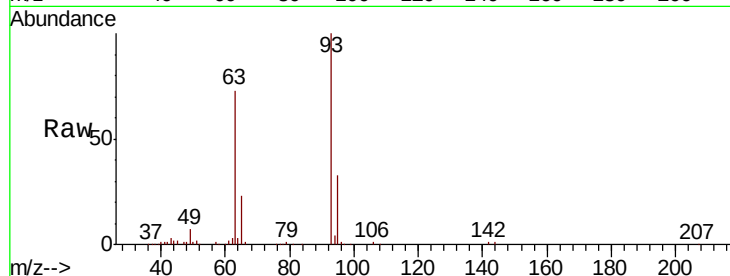
#11
bis(2-Chloroethyl)ether
Concen: 37.620 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	137048		
63	72.9		49.2	89.2
95	32.7		13.6	53.6

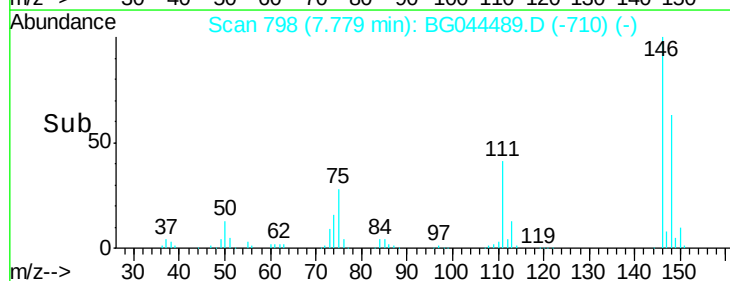
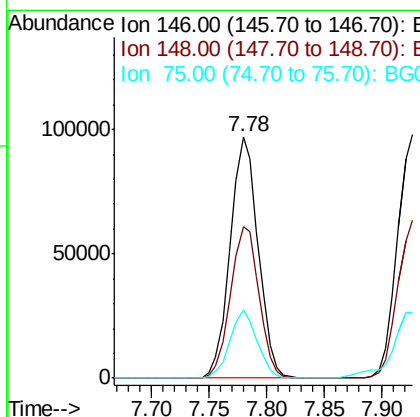
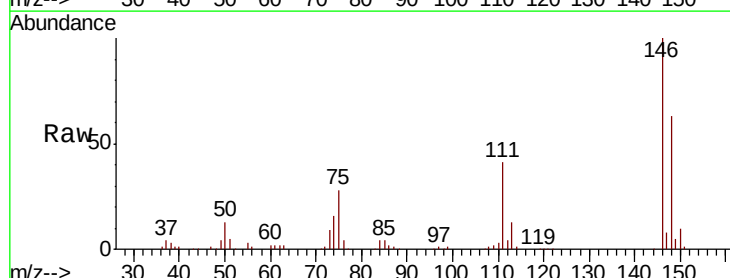
Manual Integrations
APPROVED

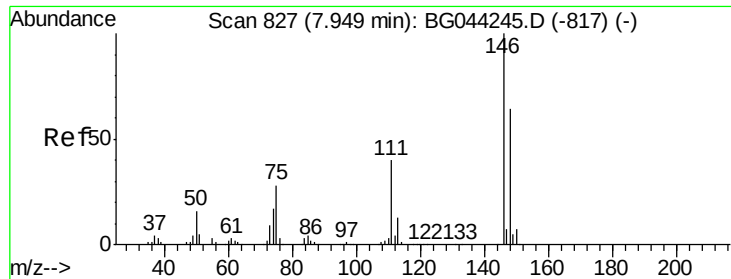
mohammad
2/20/2020 3:11:37 PM



#12
1,3-Dichlorobenzene
Concen: 38.623 ng
RT: 7.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	162498		
148	63.0		51.8	77.8
75	28.3		23.7	35.5





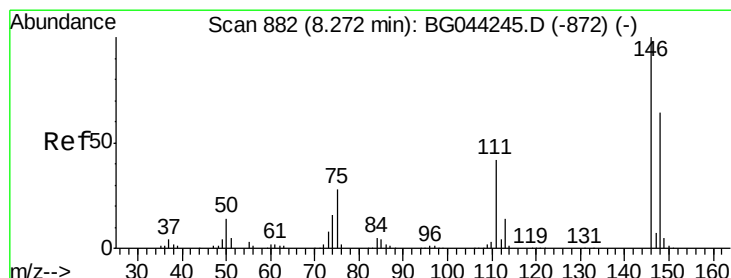
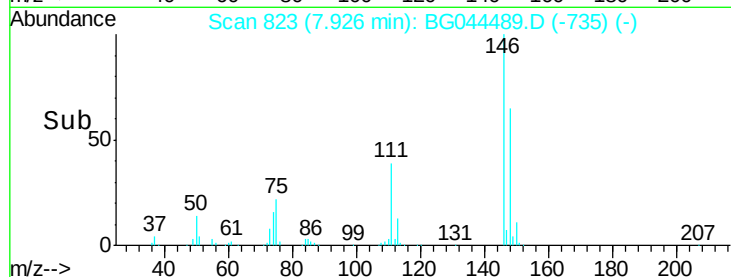
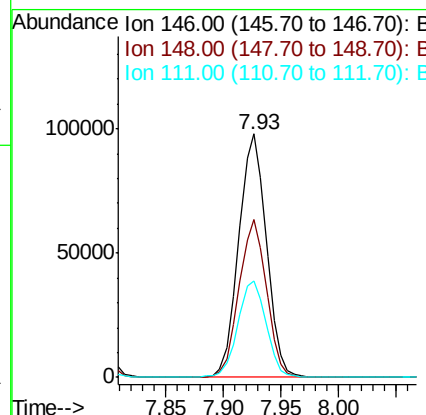
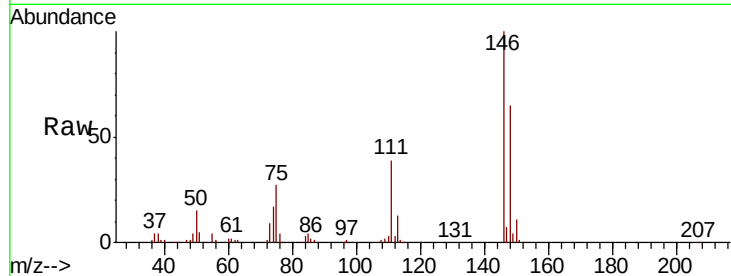
#13
 1,4-Dichlorobenzene
 Concen: 39.068 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB126885BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	39.4	31.8	47.8

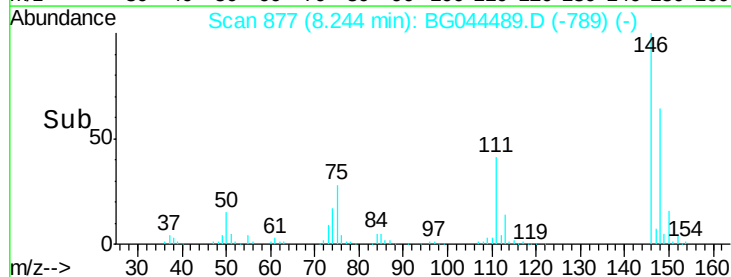
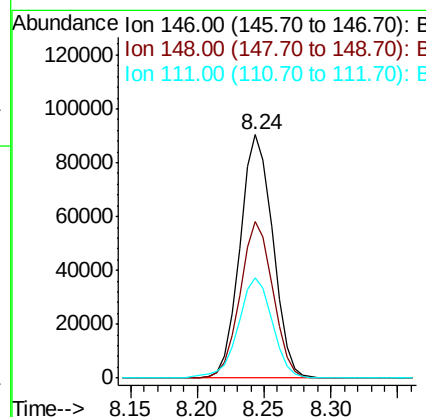
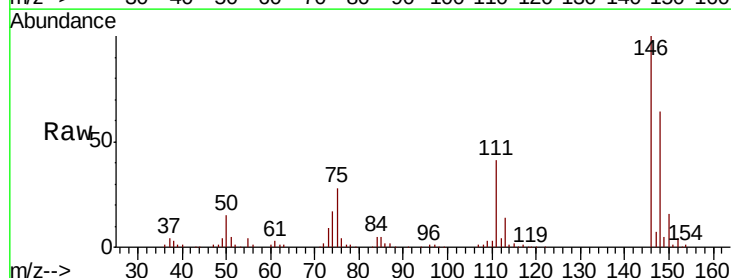
Manual Integrations
 APPROVED

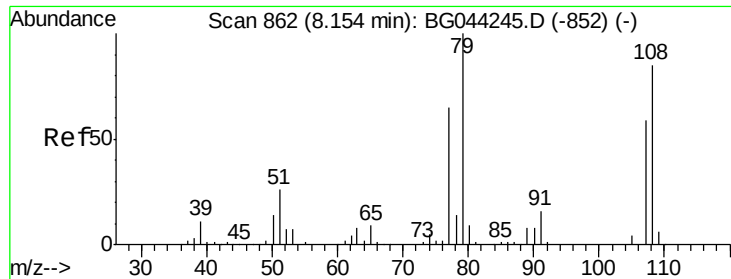
mohammad
 2/20/2020 3:11:37 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.974 ng
 RT: 8.24 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	41.3	34.0	51.0





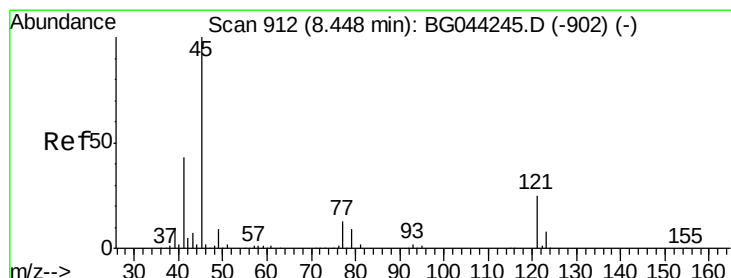
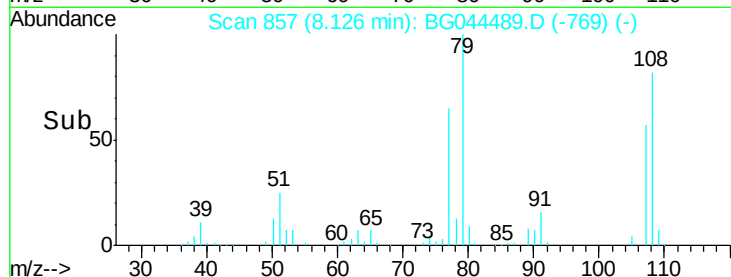
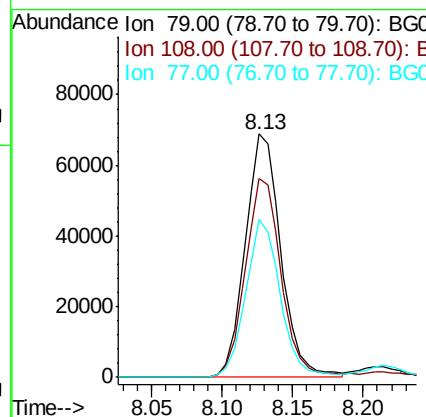
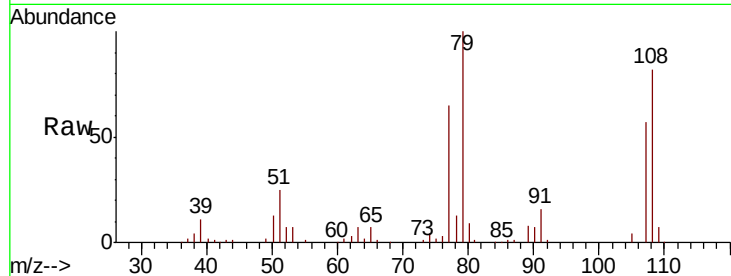
#15
Benzyl Alcohol
Concen: 39.998 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	121923		
108	81.7	68.3	102.5	
77	64.8	51.8	77.8	

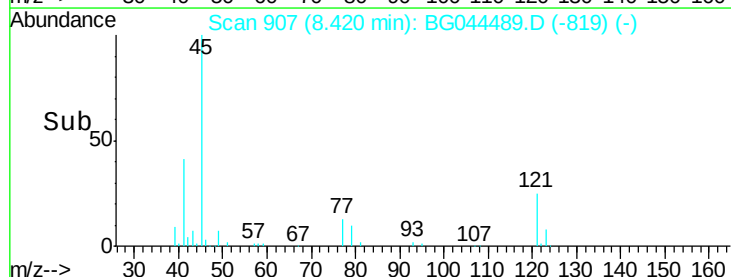
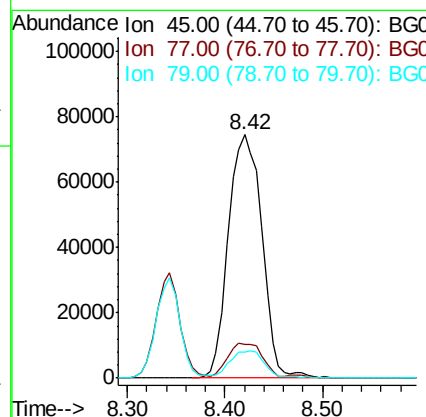
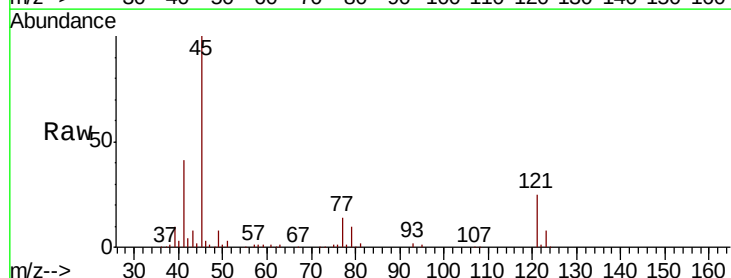
Manual Integrations
APPROVED

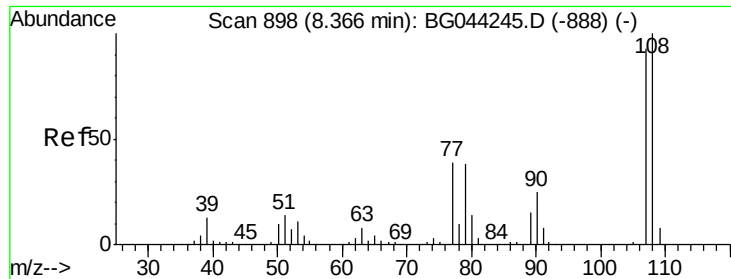
mohammad
2/20/2020 3:11:37 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.065 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	177825		
77	14.0	0.0	35.2	
79	10.5	0.0	31.1	





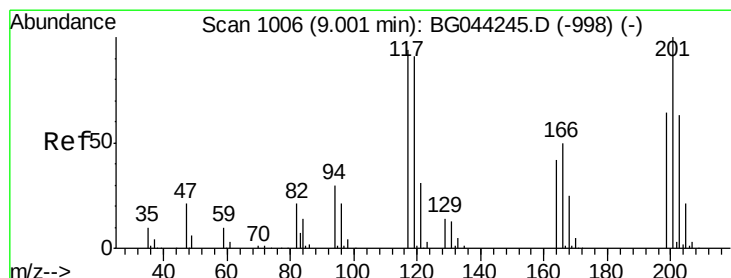
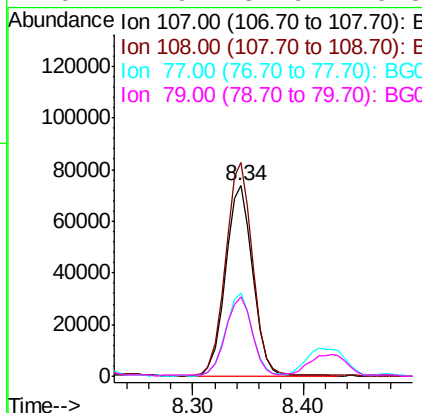
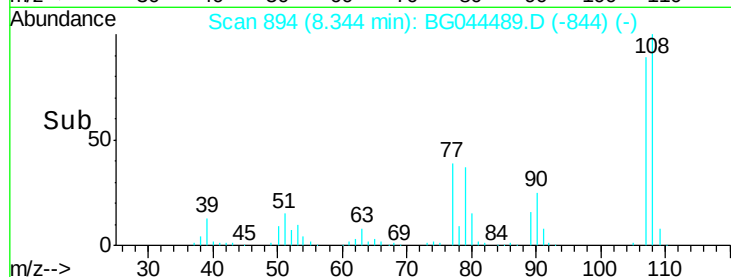
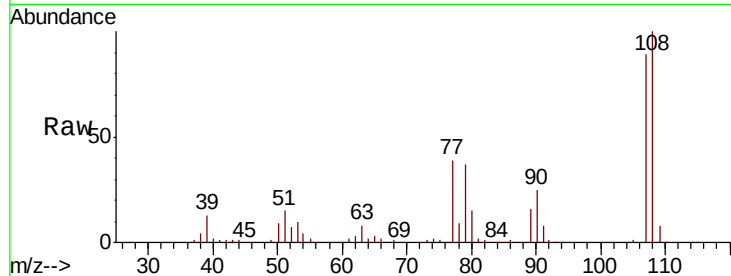
#17
2-Methylphenol
Concen: 42.126 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	86.4	129.6	
77	43.5	34.0	51.0	
79	41.9	32.9	49.3	

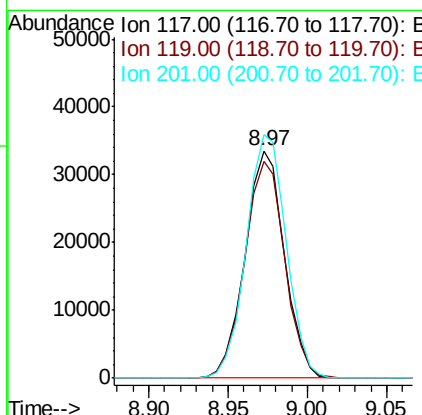
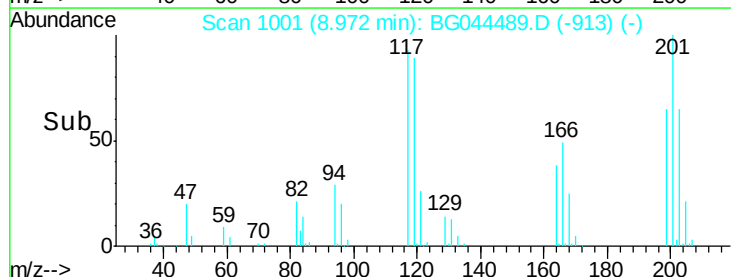
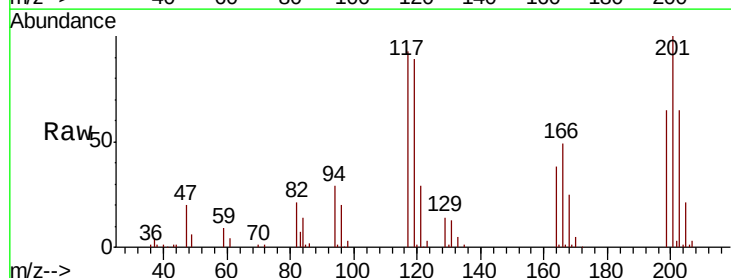
Manual Integrations
APPROVED

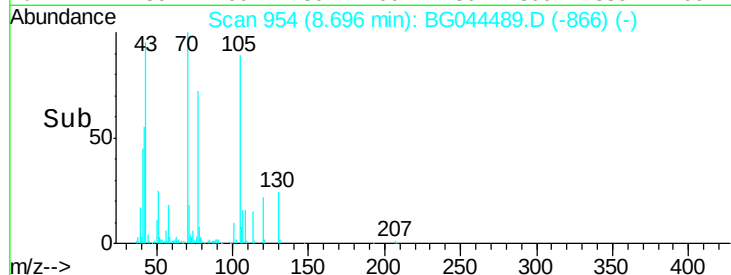
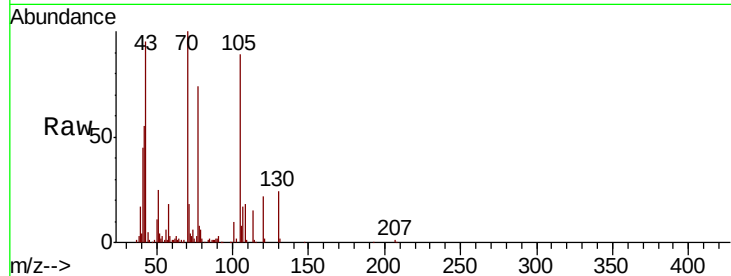
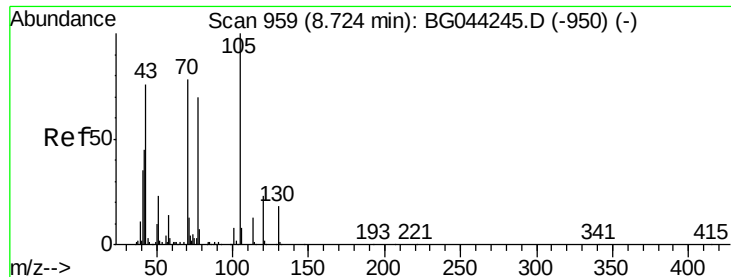
mohammad
2/20/2020 3:11:37 PM



#18
Hexachloroethane
Concen: 36.809 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	77.5	116.3	
201	107.1	84.9	127.3	





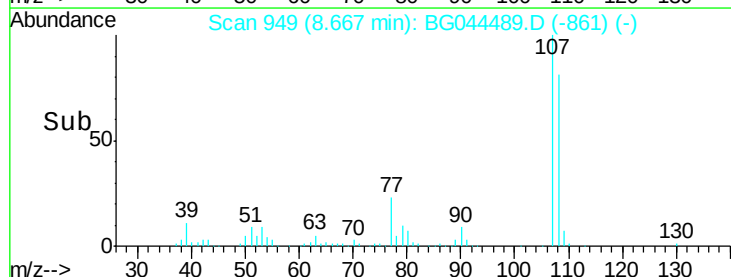
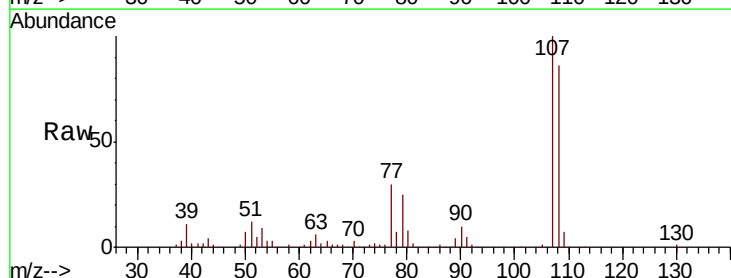
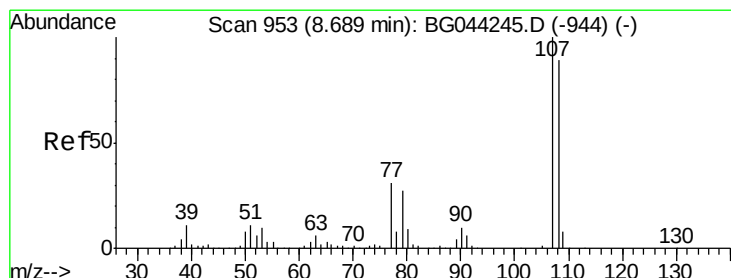
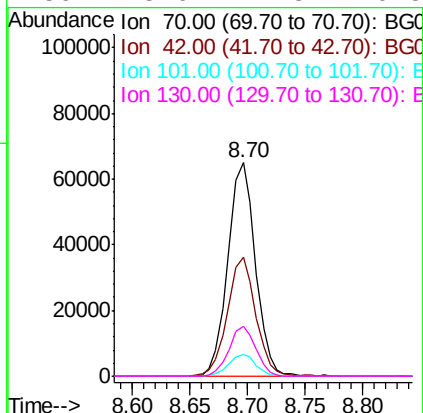
#19
n-Nitroso-di-n-propylamine
Concen: 37.471 ng
RT: 8.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Manual Integrations
APPROVED

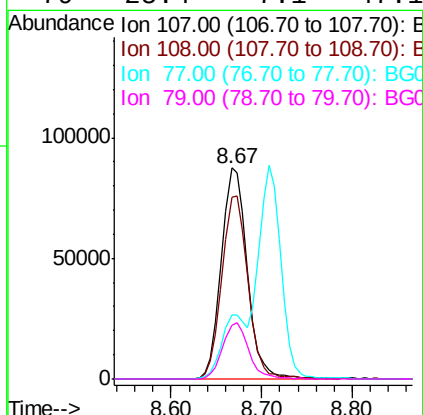
mohammad
2/20/2020 3:11:37 PM

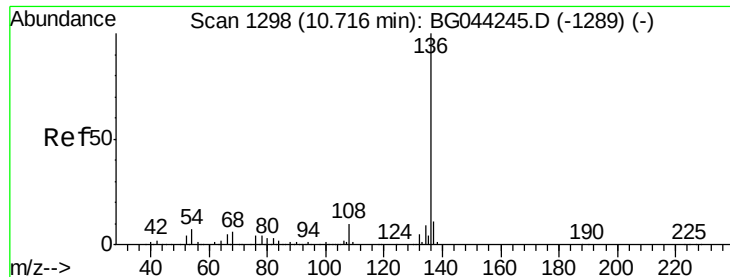
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.5	46.2	69.2
101	10.5	8.4	12.6
130	23.6	17.8	26.8



#20
3+4-Methylphenols
Concen: 41.621 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.5	108.5
77	30.4	10.9	50.9
79	25.4	7.1	47.1





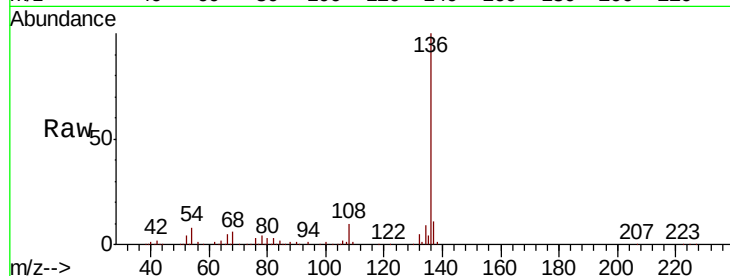
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	229562		
137	11.0		8.8	13.2
54	7.8		5.8	8.8
68	5.9		4.6	6.8

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM



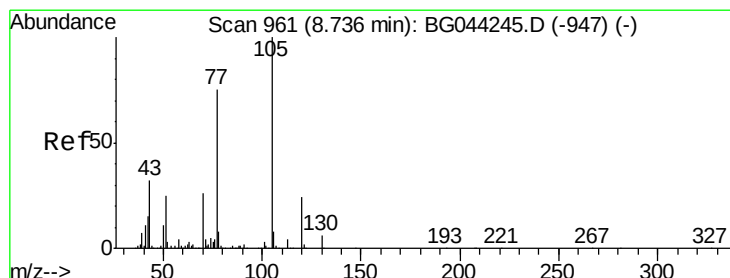
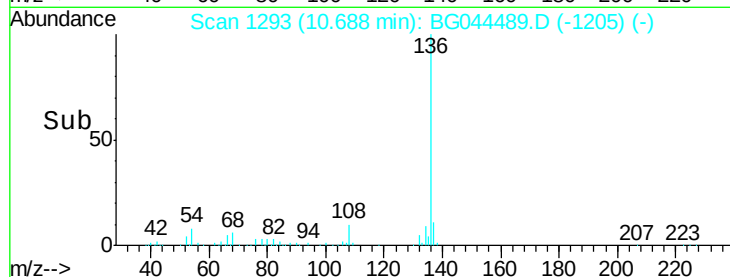
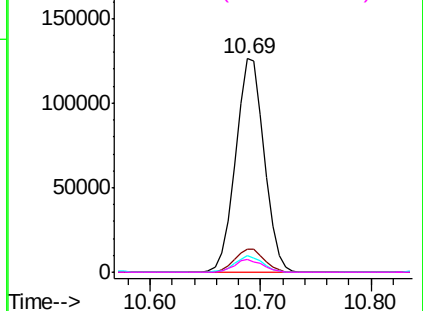
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.685 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	204871		
71	4.4		3.4	5.0
51	24.6		20.2	30.4
120	24.2		19.1	28.7

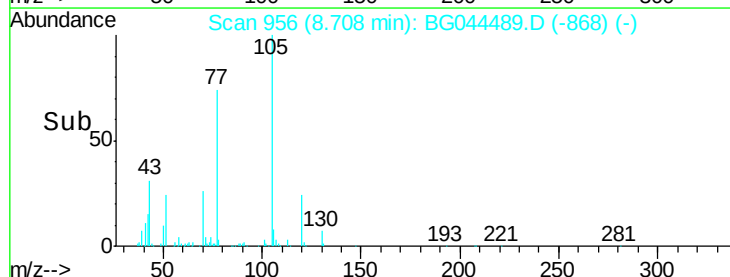
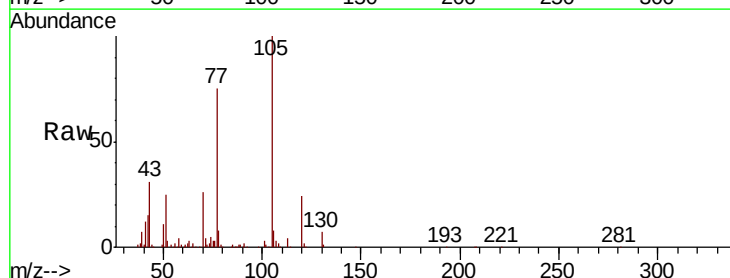
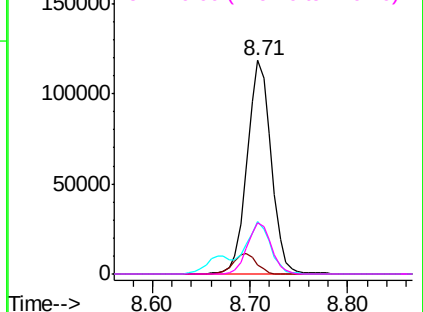
Abundance

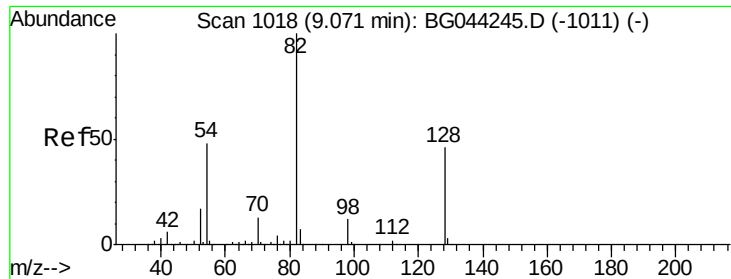
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





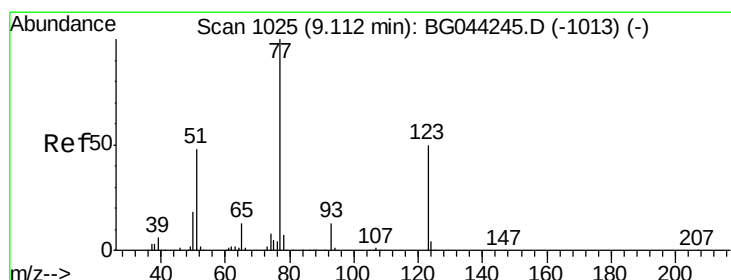
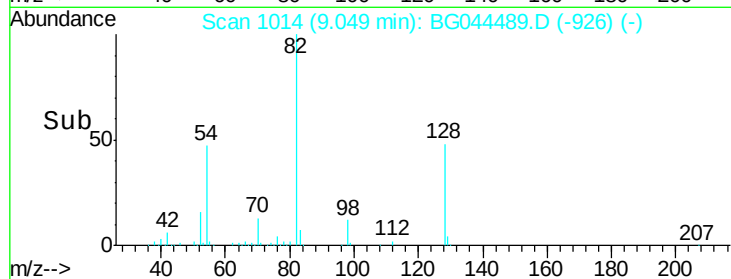
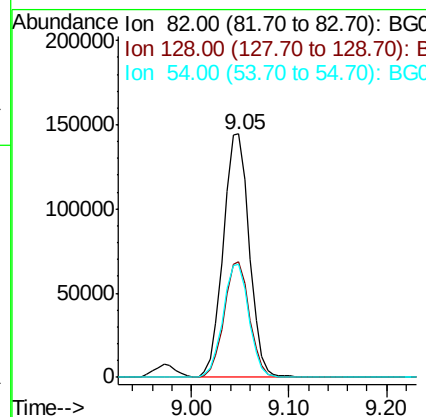
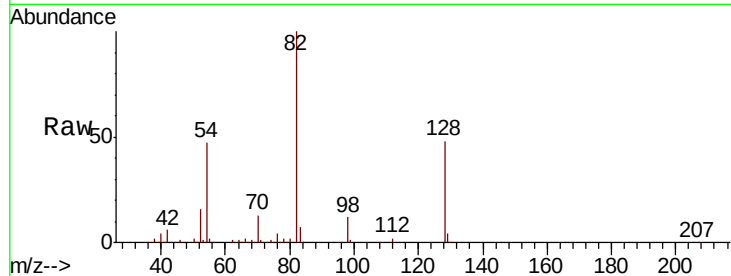
#23
 Nitrobenzene-d5
 Concen: 65.536 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB126885BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	266480		
128	47.6		36.5	54.7
54	46.6		38.6	58.0

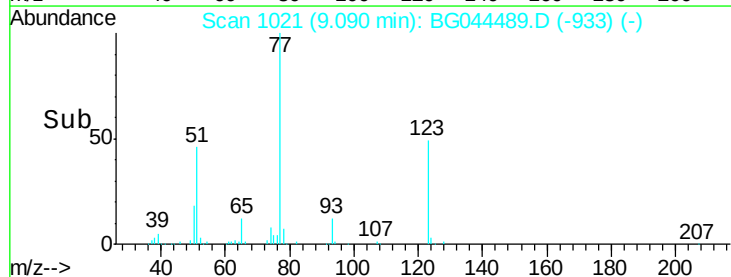
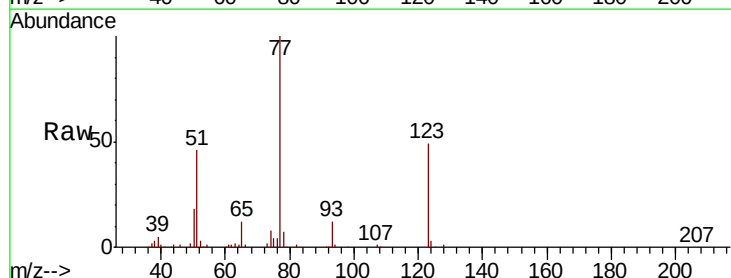
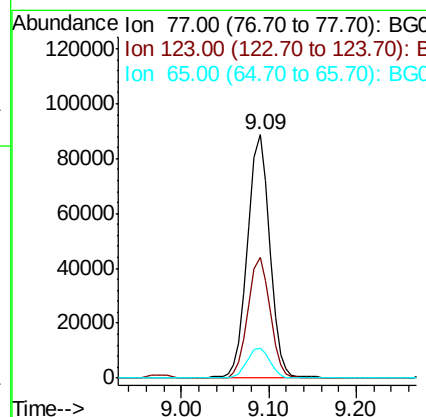
Manual Integrations
 APPROVED

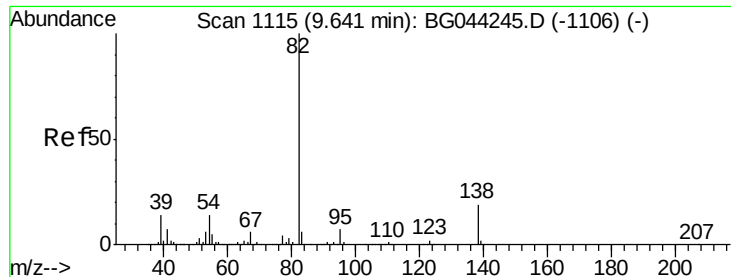
mohammad
 2/20/2020 3:11:37 PM



#24
 Nitrobenzene
 Concen: 38.340 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	152196		
123	49.4		39.9	59.9
65	12.4		10.4	15.6





#25

Isophorone

Concen: 38.880 ng

RT: 9.61 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

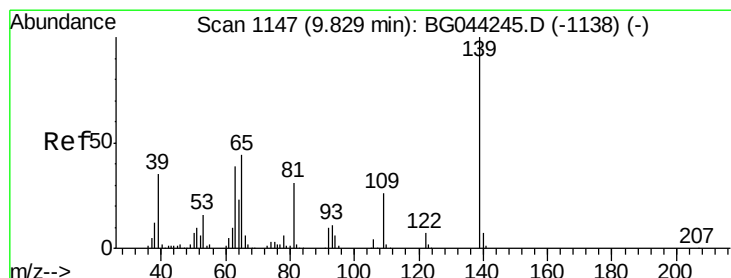
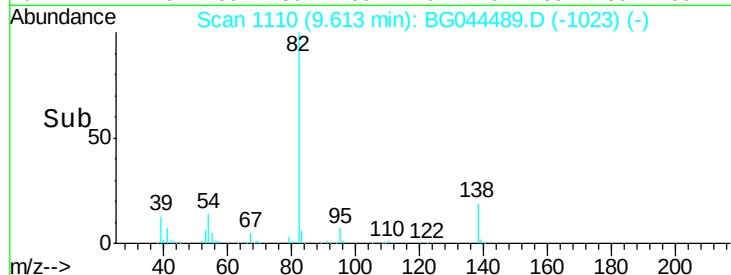
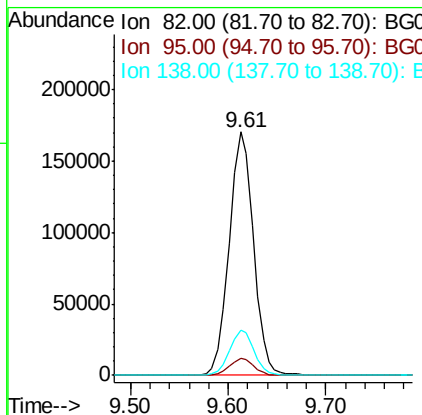
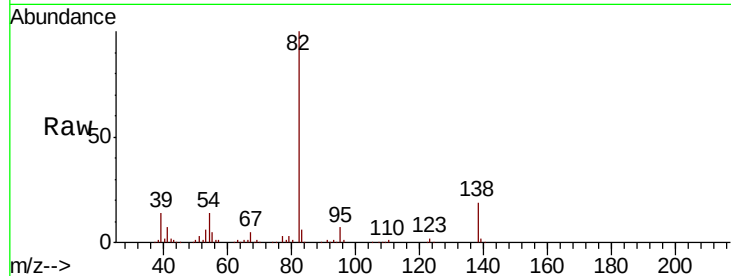
ClientSampleId :

PB126885BS

Tot Ion:	82	Resp:	294668
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	18.8	15.0	22.4

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM



#26

2-Nitrophenol

Concen: 41.746 ng

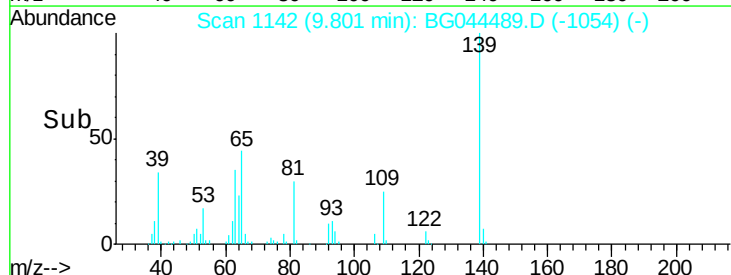
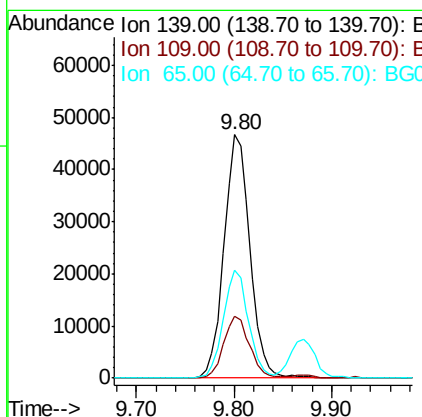
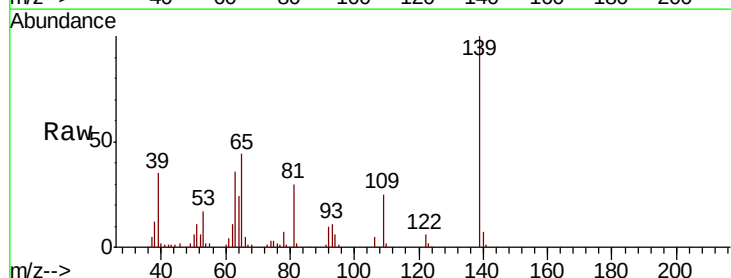
RT: 9.80 min Scan# 1142

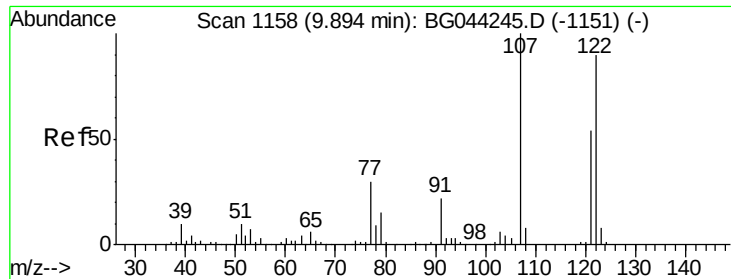
Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Tgt Ion:	139	Resp:	85987
Ion Ratio	Lower	Upper	
139	100		
109	25.2	21.0	31.4
65	44.2	35.0	52.4





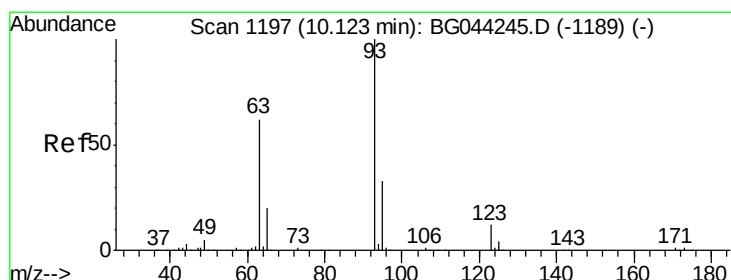
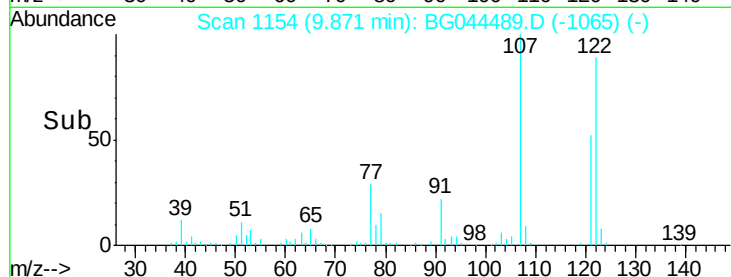
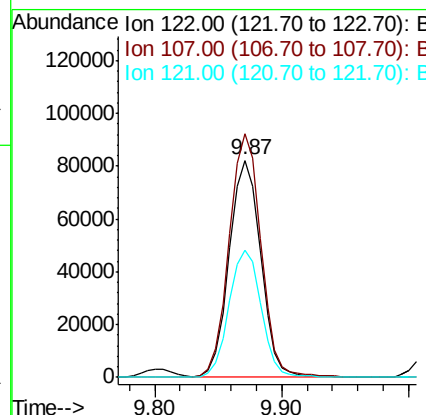
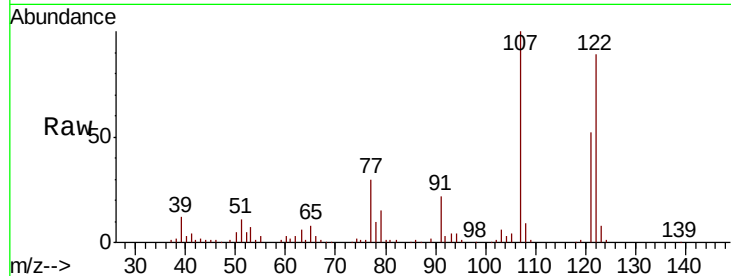
#27
 2,4-Dimethylphenol
 Concen: 48.609 ng
 RT: 9.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB126885BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	141335		
107	112.1	88.8	133.2	
121	58.6	48.3	72.5	

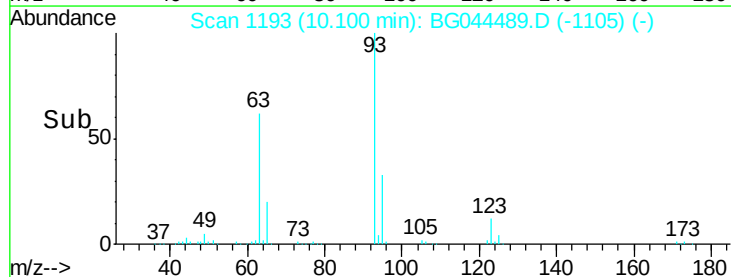
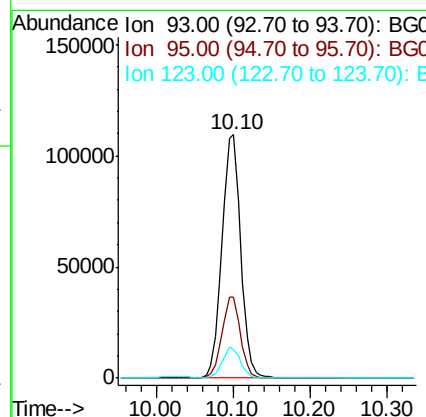
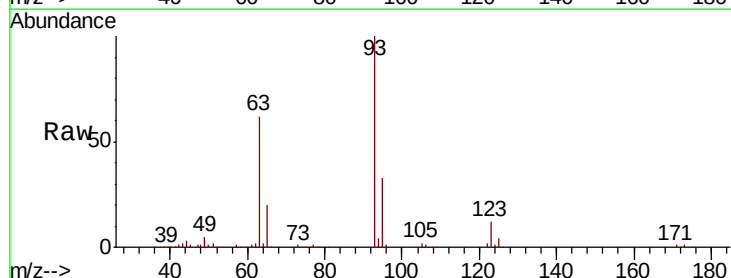
Manual Integrations
 APPROVED

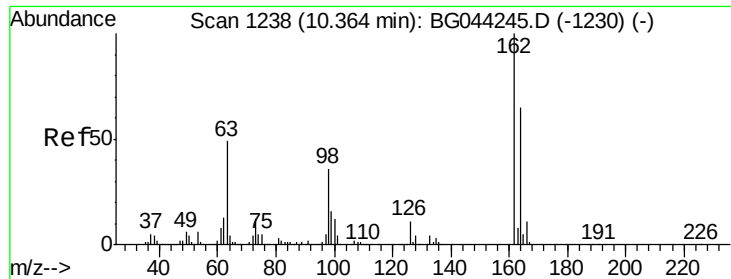
mohammad
 2/20/2020 3:11:37 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.434 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	184204		
95	33.5	26.6	40.0	
123	12.0	10.0	15.0	





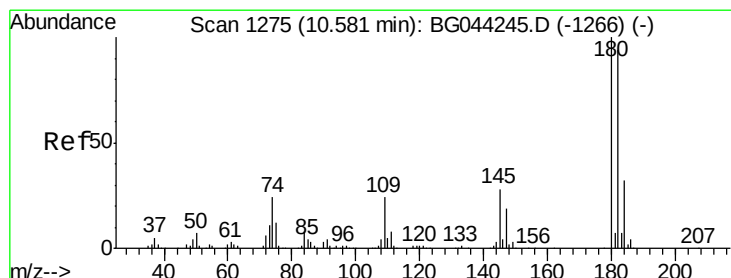
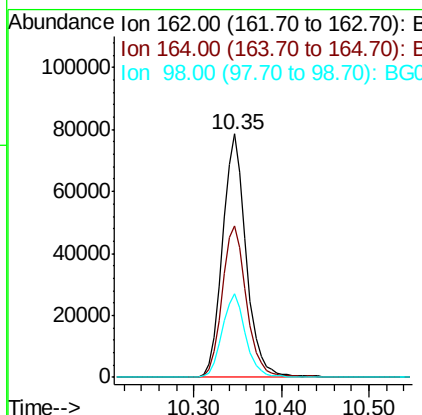
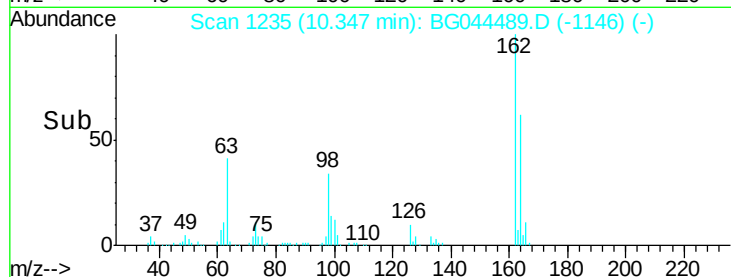
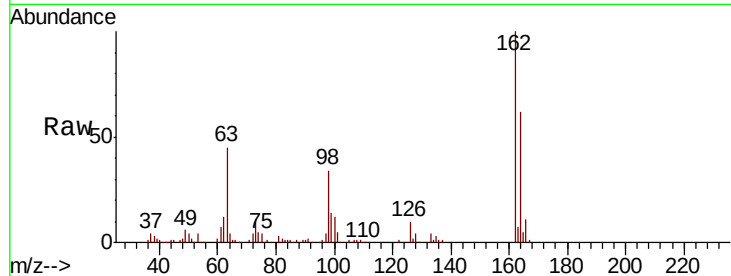
#29
2,4-Dichlorophenol
Concen: 41.656 ng
RT: 10.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	146455		
164	62.2	44.7	84.7	
98	34.2	15.8	55.8	

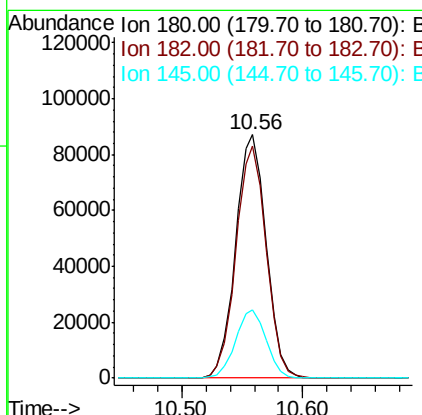
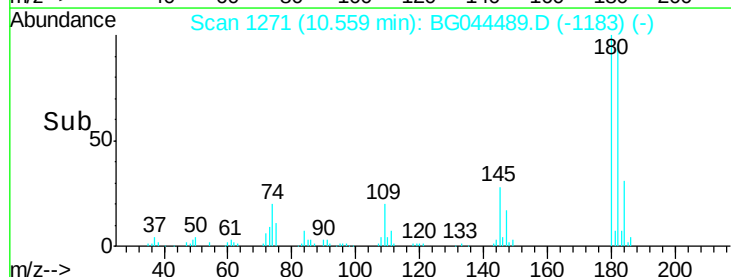
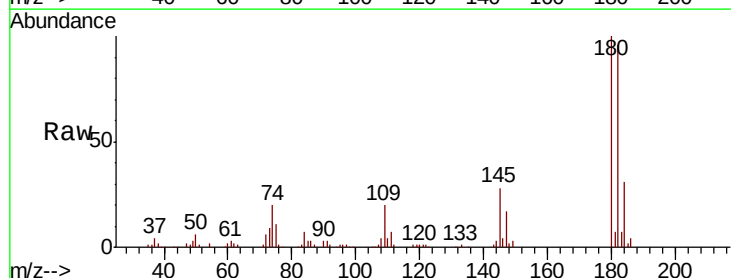
Manual Integrations
APPROVED

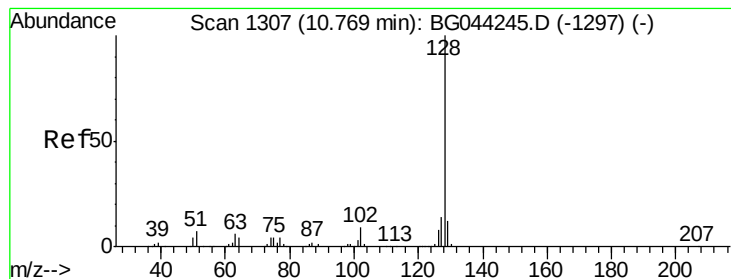
mohammad
2/20/2020 3:11:37 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.134 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	153732		
182	95.5	75.5	113.3	
145	28.1	22.6	34.0	





#31

Naphthalene

Concen: 40.551 ng

RT: 10.74 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

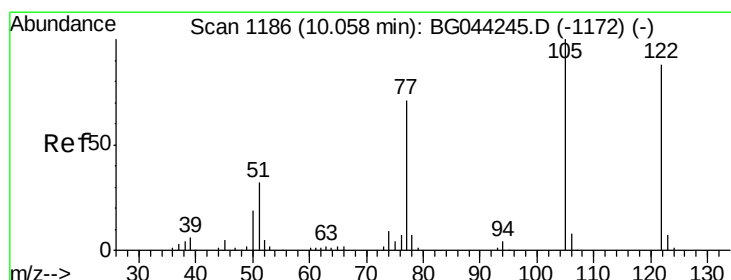
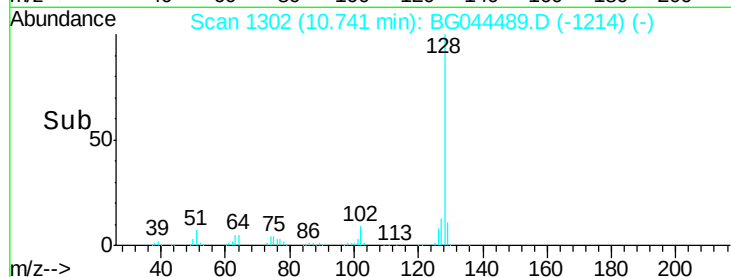
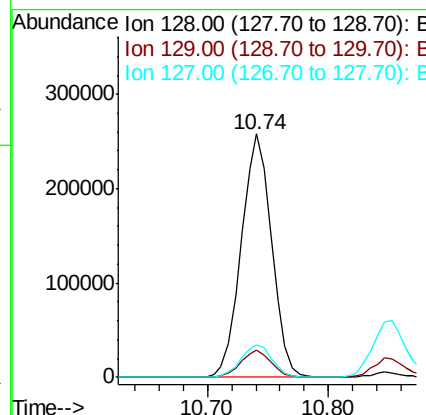
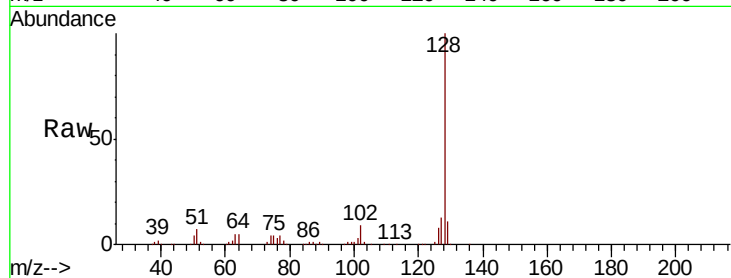
ClientSampleId :

PB126885BS

Tot Ion:	128	Resp:	451647
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.3	13.9
127	13.4	11.6	17.4

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM



#32

Benzoic acid

Concen: 28.141 ng

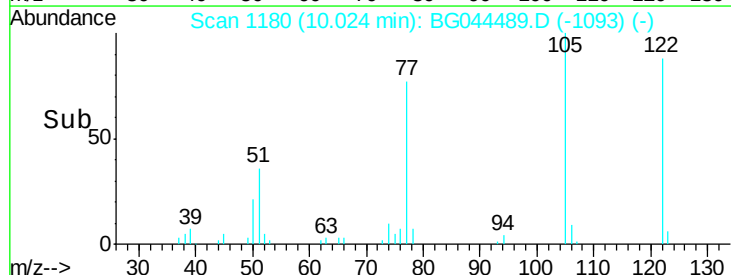
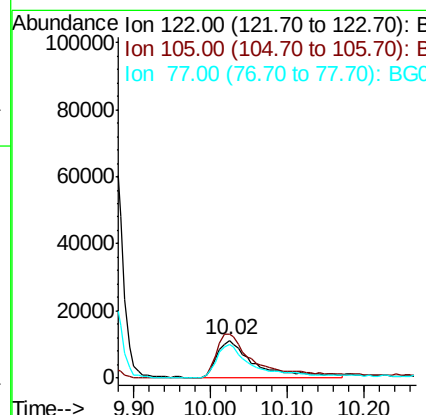
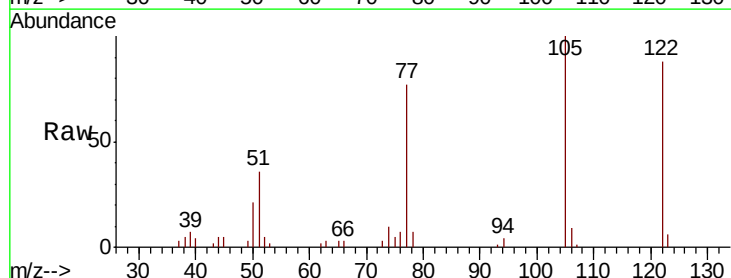
RT: 10.02 min Scan# 1180

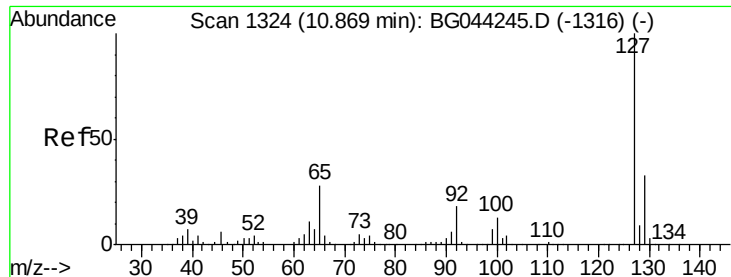
Delta R.T. -0.02 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Tgt Ion:	122	Resp:	37964
Ion Ratio	Lower	Upper	
122	100		
105	114.2	93.5	133.5
77	88.5	61.0	101.0





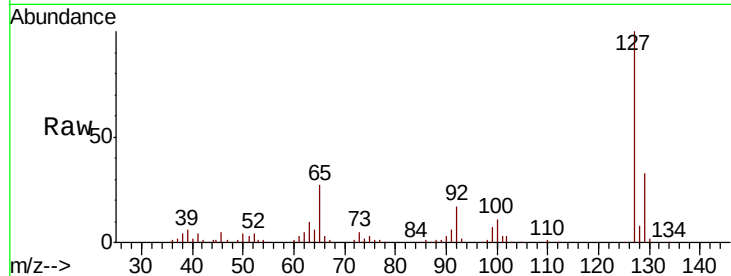
#33
4-Chloroaniline
Concen: 23.584 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

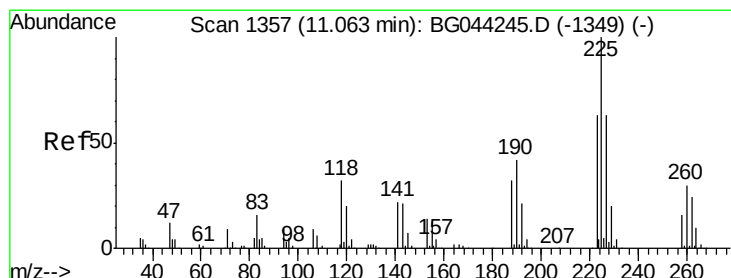
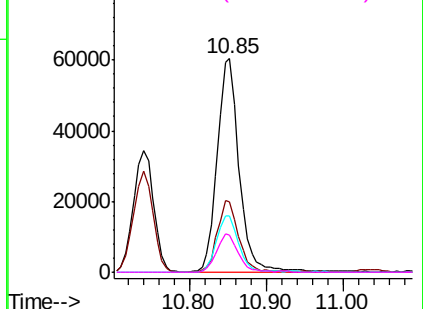
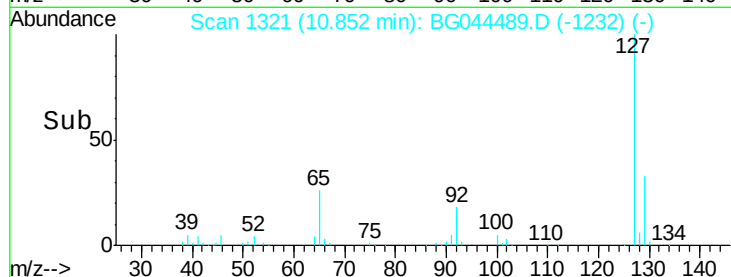
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		119464		
129	32.9	26.6	40.0		
65	26.6	22.5	33.7		
92	17.4	14.1	21.1		

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM

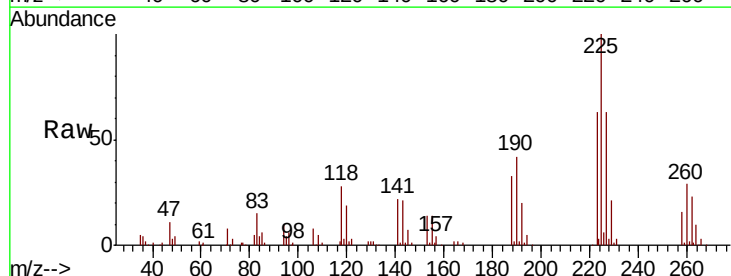


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

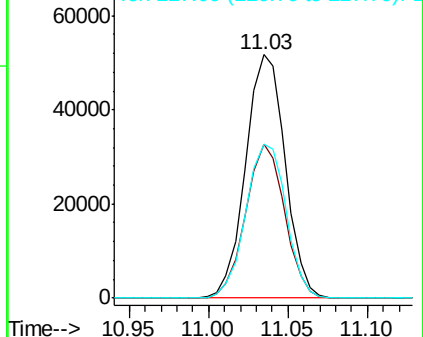
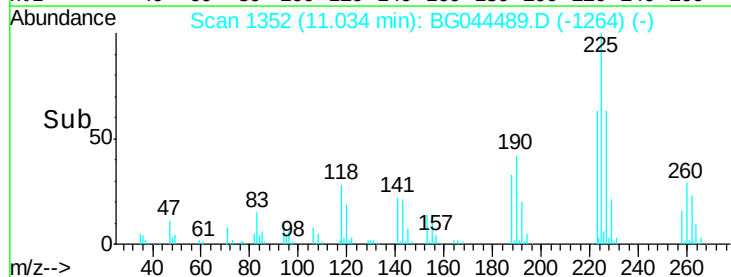


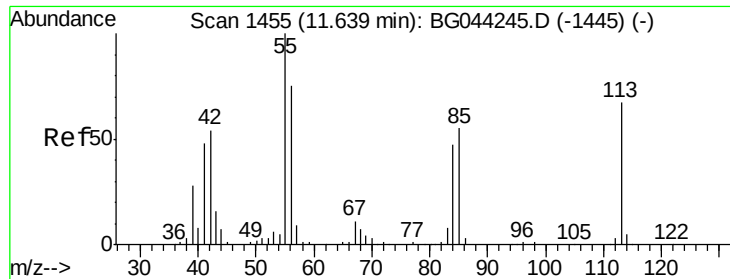
#34
Hexachlorobutadiene
Concen: 36.178 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		89743		
223	63.4	50.2	75.4		
227	63.2	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





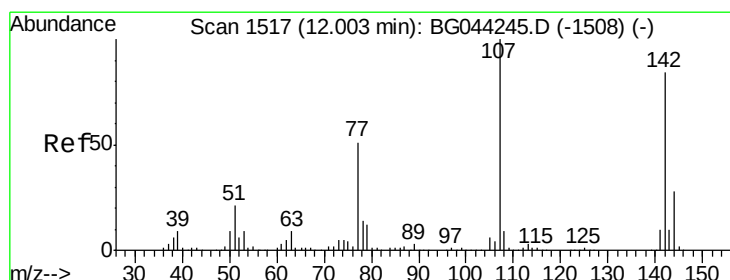
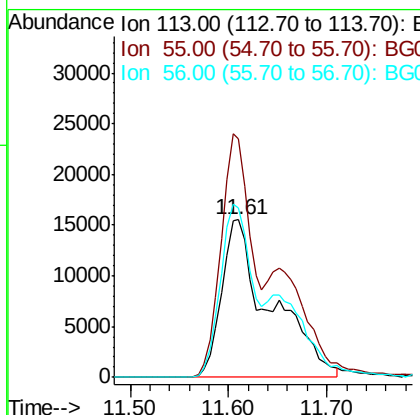
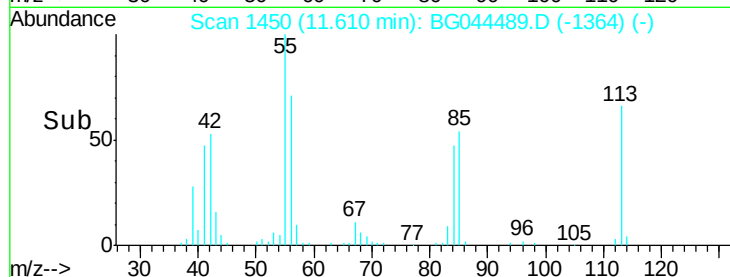
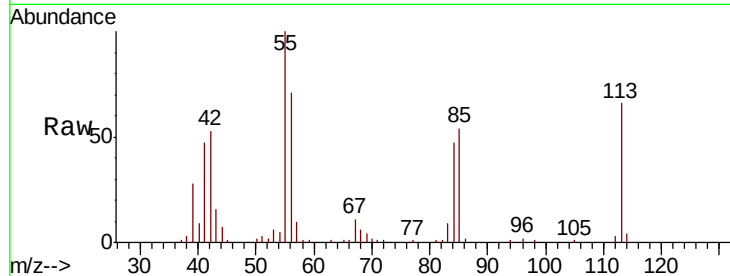
#35
Caprolactam
Concen: 41.746 ng/ml
RT: 11.61 min Scan# 1450
Delta R.T. -0.03 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion:113 Resp: 53764
Ion Ratio Lower Upper
113 100
55 151.4 129.9 169.9
56 107.7 92.5 132.5

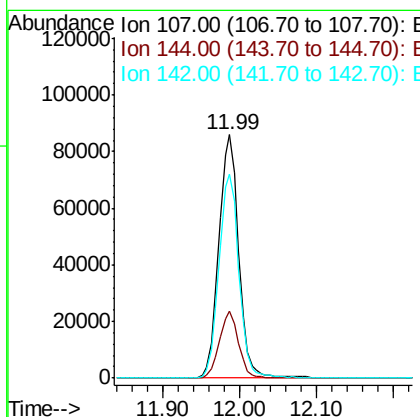
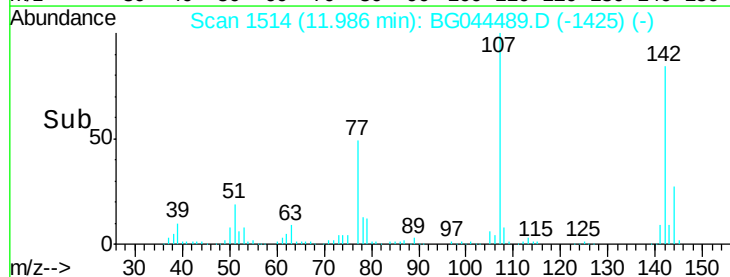
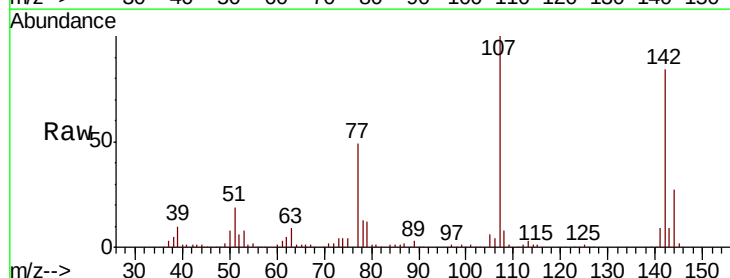
Manual Integrations
APPROVED

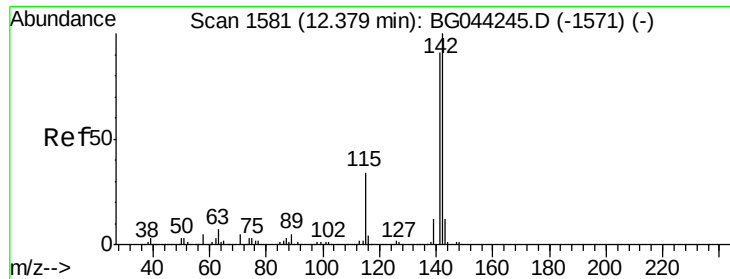
mohammad
2/20/2020 3:11:37 PM



#36
4-Chloro-3-methylphenol
Concen: 41.491 ng/ml
RT: 11.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion:107 Resp: 152941
Ion Ratio Lower Upper
107 100
144 27.5 22.2 33.4
142 83.7 67.4 101.0





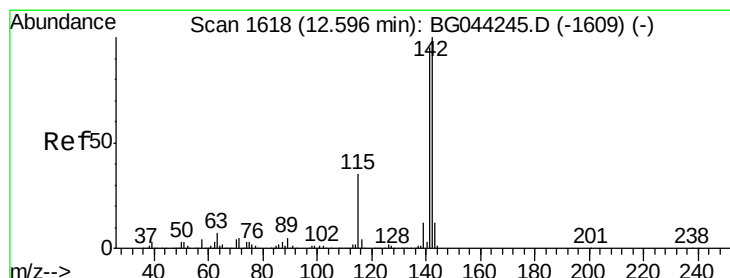
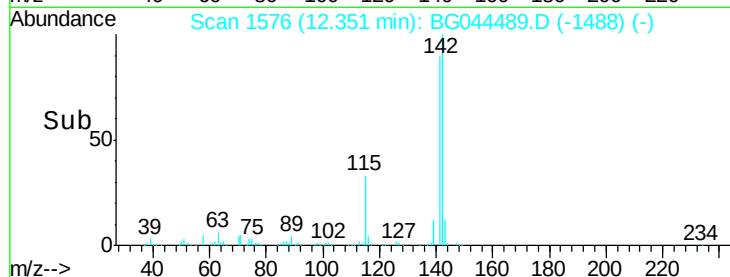
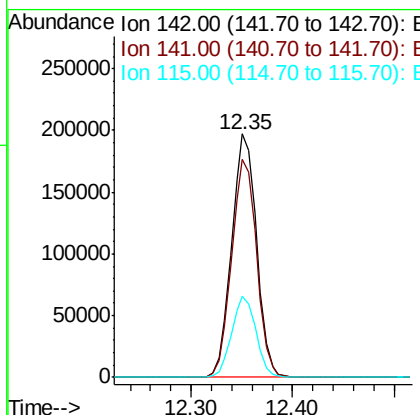
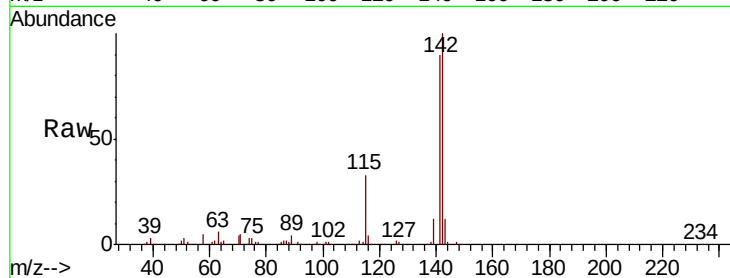
#37
2-Methylnaphthalene
Concen: 40.539 ng
RT: 12.35 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.2	109.8
115	33.1	27.1	40.7

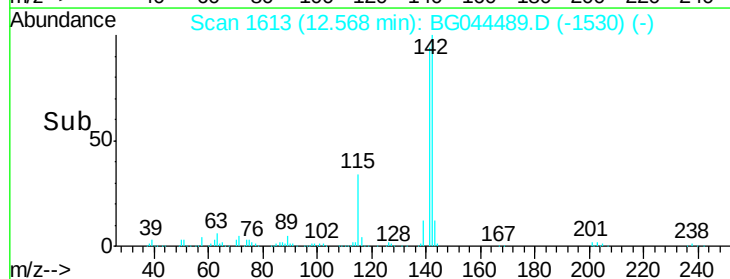
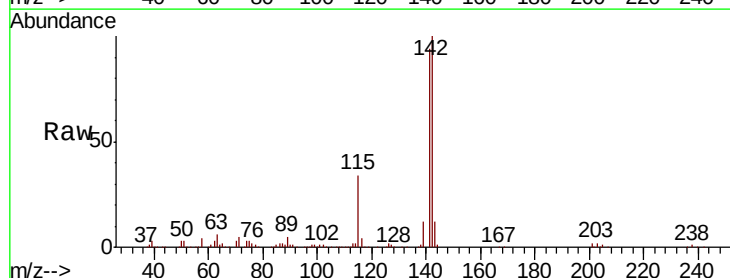
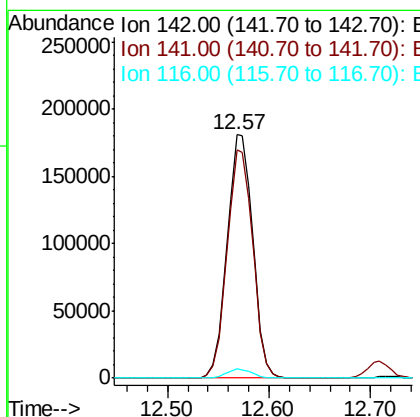
Manual Integrations
APPROVED

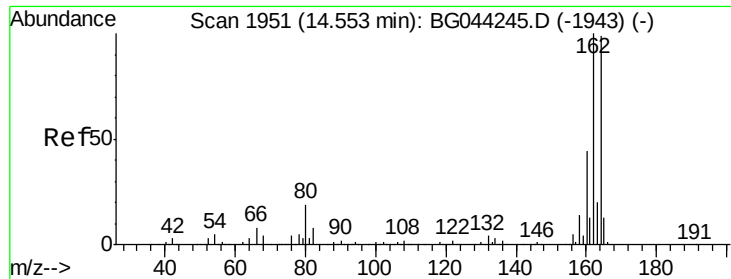
mohammad
2/20/2020 3:11:37 PM



#38
1-Methylnaphthalene
Concen: 40.521 ng
RT: 12.57 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.8	113.6
116	3.7	3.1	4.7





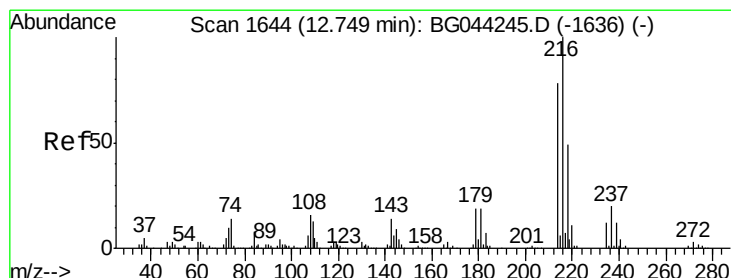
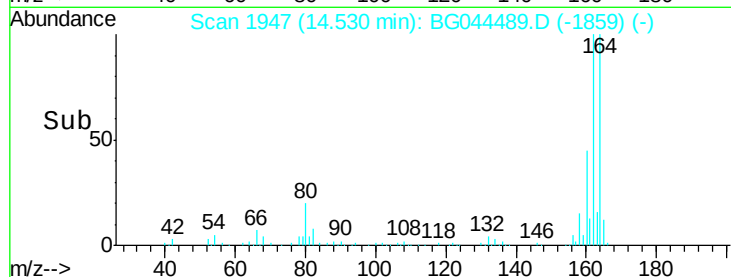
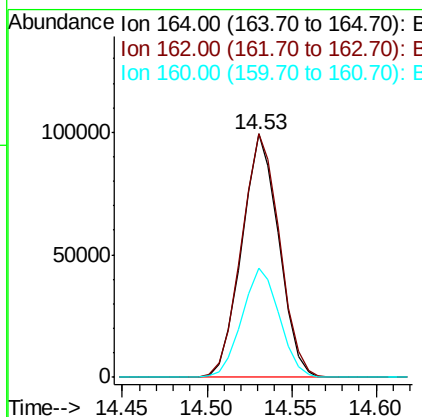
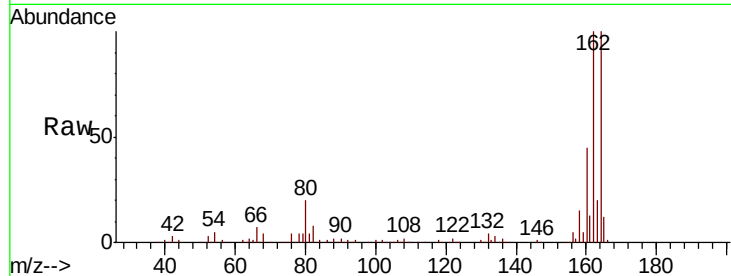
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampled :
PB126885BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.8	80.7	121.1	
160	44.8	35.3	52.9	

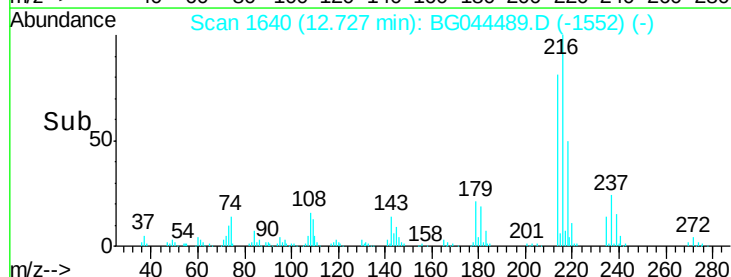
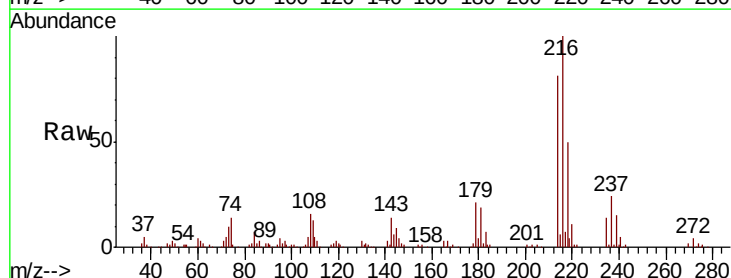
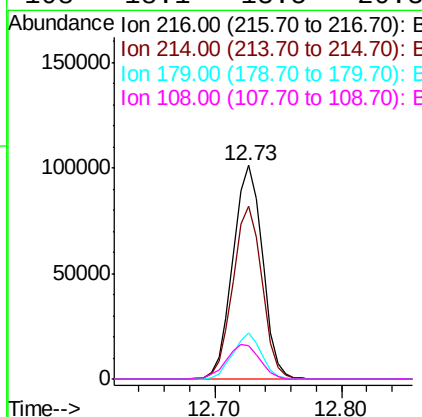
Manual Integrations
APPROVED

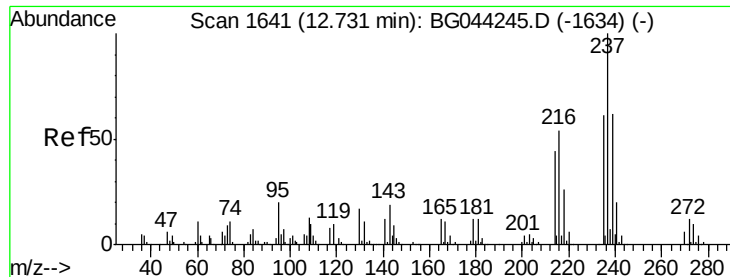
mohammad
2/20/2020 3:11:37 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.097 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.0	94.6	
179	20.7	16.2	24.4	
108	18.1	13.5	20.3	





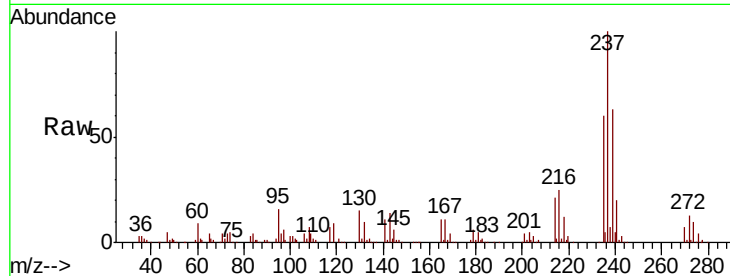
#41
Hexachlorocyclopentadiene
Concen: 76.990 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

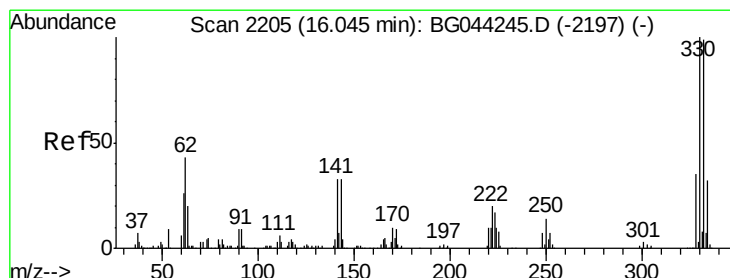
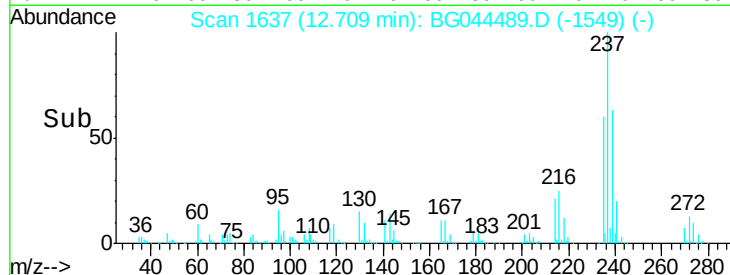
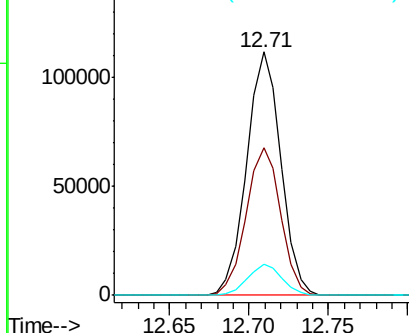
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.4	41.2	81.2
272	12.8	0.0	32.4

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM

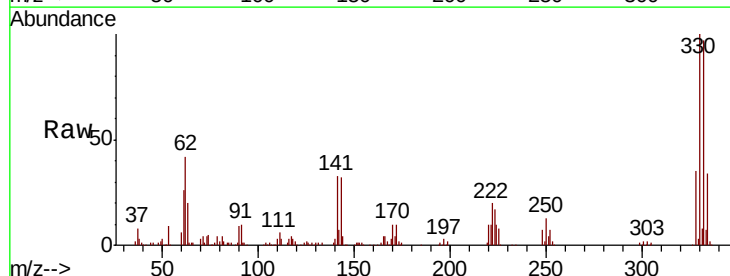


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

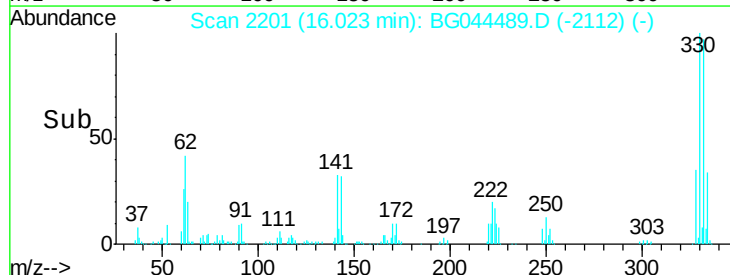
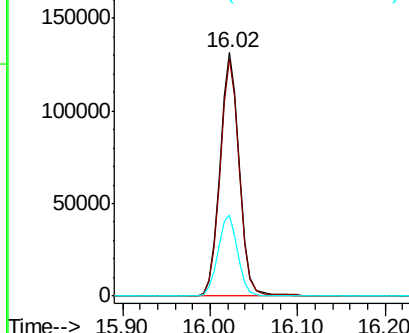


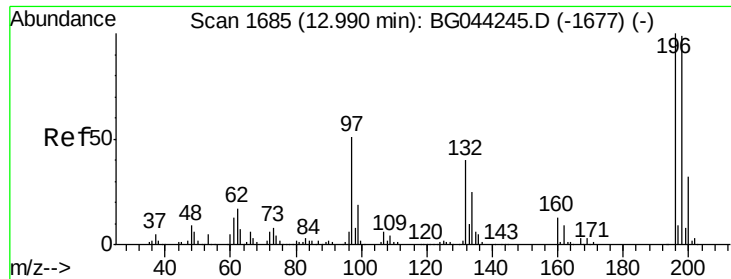
#42
2,4,6-Tribromophenol
Concen: 113.869 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	77.2	115.8
141	34.0	28.3	42.5



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





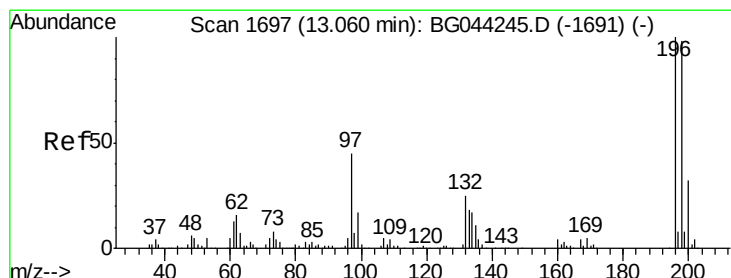
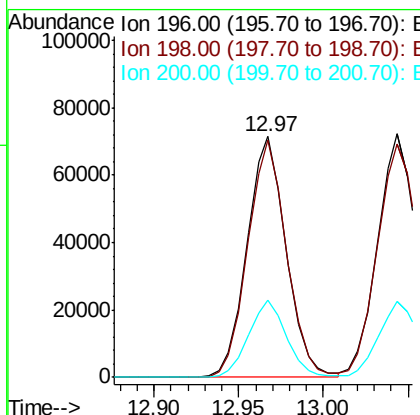
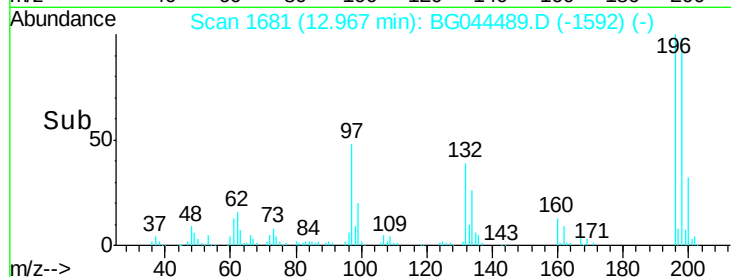
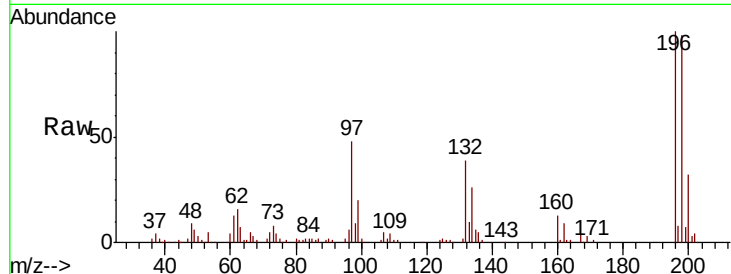
#43
 2,4,6-Trichlorophenol
 Concen: 39.123 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB126885BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	114464		
198	98.4	79.3	118.9	
200	32.3	25.7	38.5	

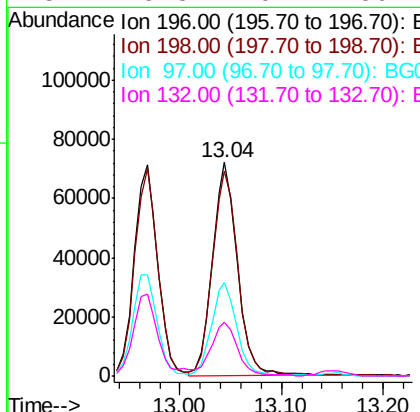
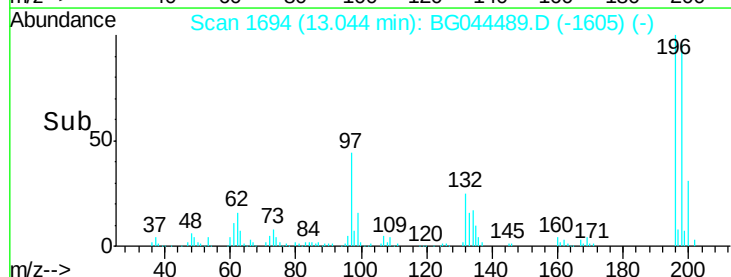
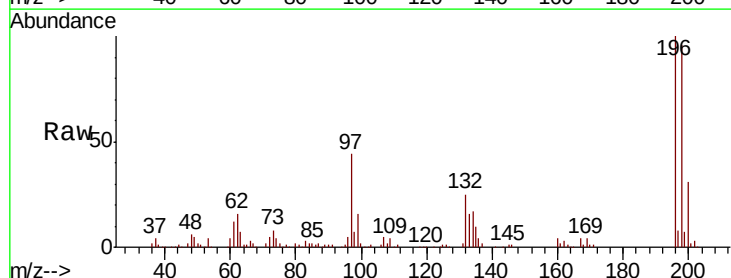
Manual Integrations
 APPROVED

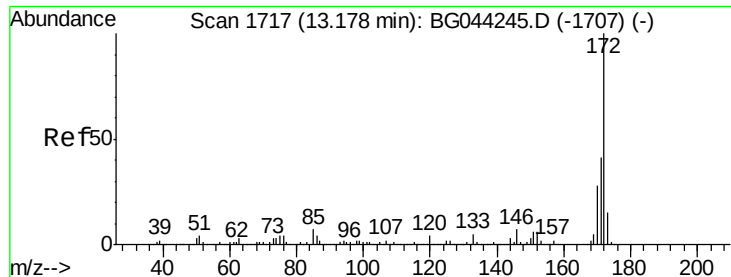
mohammad
 2/20/2020 3:11:37 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.937 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	122332		
198	95.9	78.2	117.2	
97	43.8	36.2	54.4	
132	25.3	20.2	30.4	





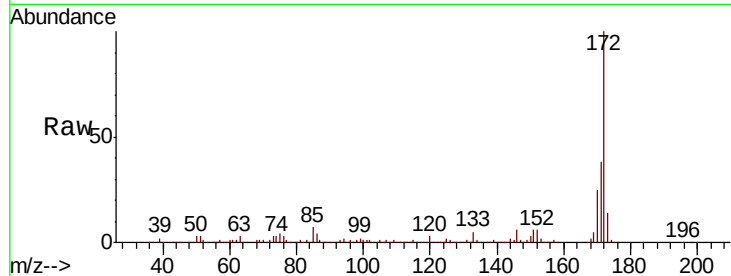
#45
2-Fluorobiphenyl
Concen: 69.732 ng
RT: 13.15 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.9	49.3
170	24.7	22.0	33.0

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM

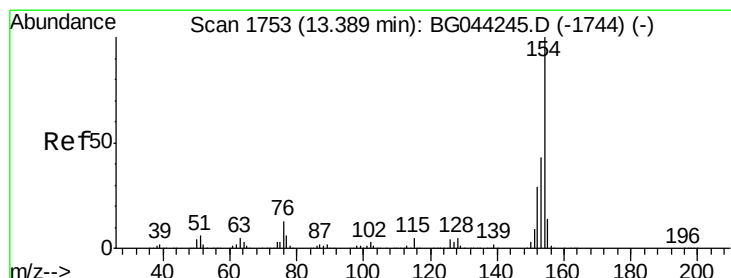
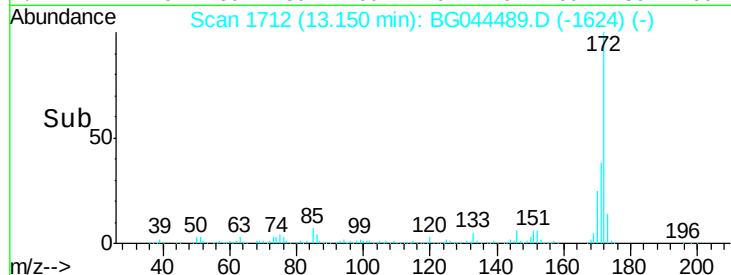
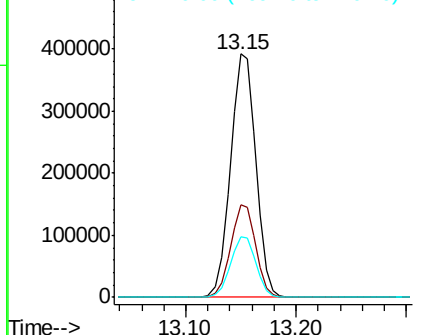


Abundance

Ion 172.00 (171.70 to 172.70): E

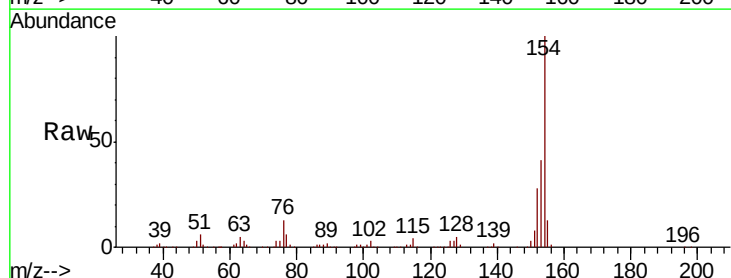
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.679 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.7	62.7
76	12.8	0.0	32.9

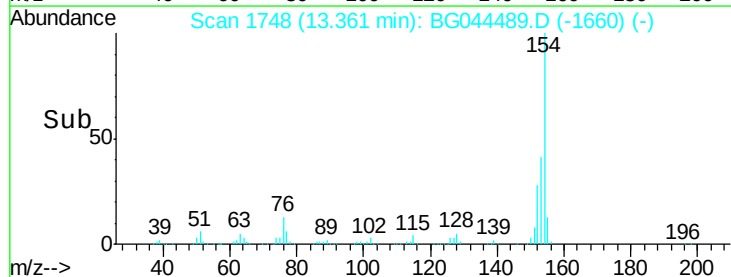
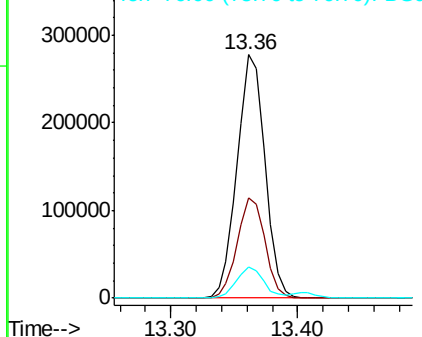


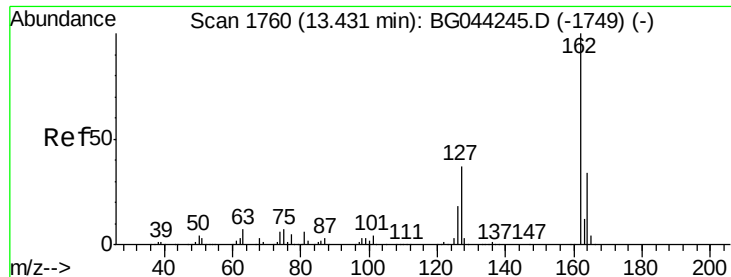
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG0





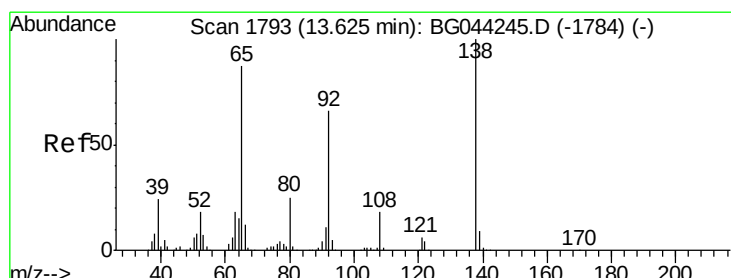
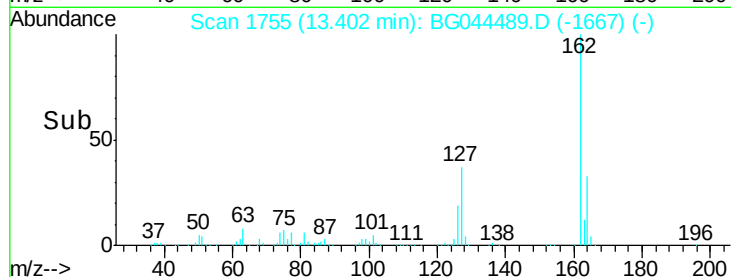
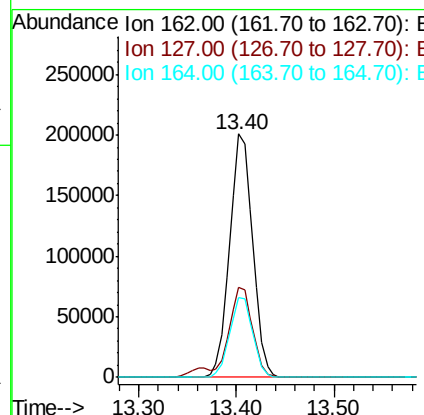
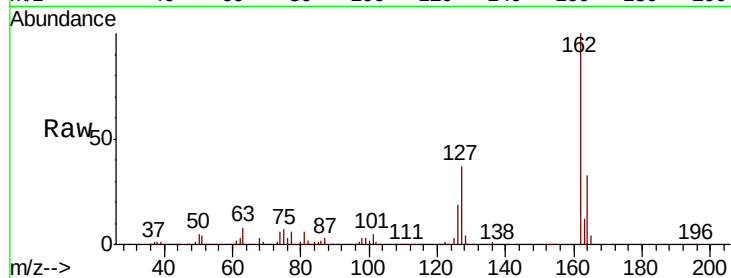
#47
2-Chloronaphthalene
Concen: 37.808 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampled :
PB126885BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	328375		
127	37.2		30.0	45.0
164	32.9		27.2	40.8

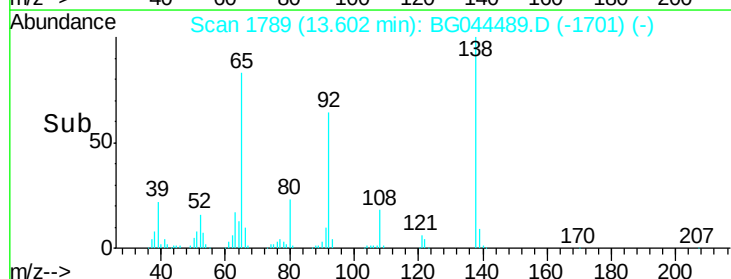
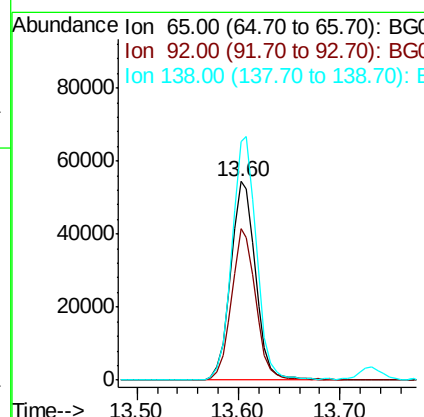
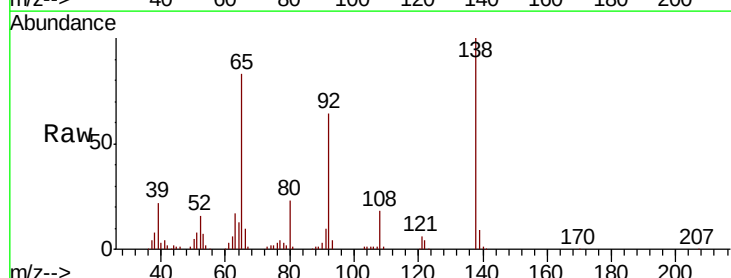
Manual Integrations
APPROVED

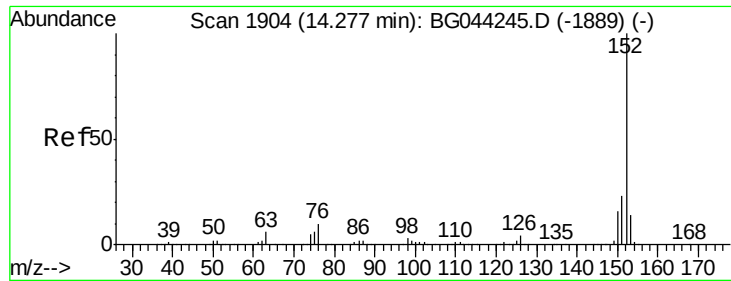
mohammad
2/20/2020 3:11:37 PM



#48
2-Nitroaniline
Concen: 35.967 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	92190		
92	76.2		60.3	90.5
138	120.0		91.9	137.9





#49

Acenaphthylene

Concen: 41.292 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

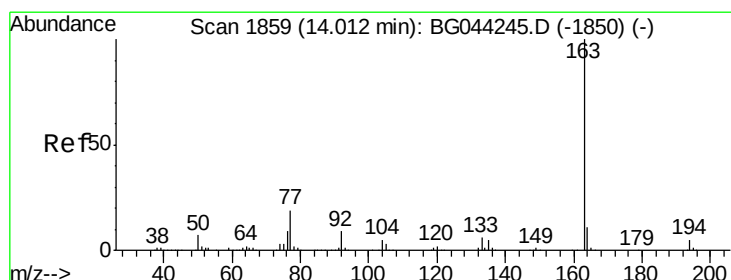
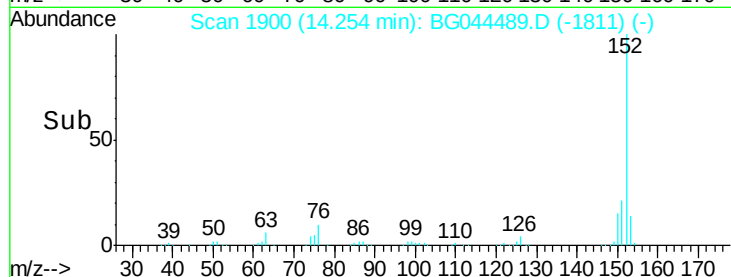
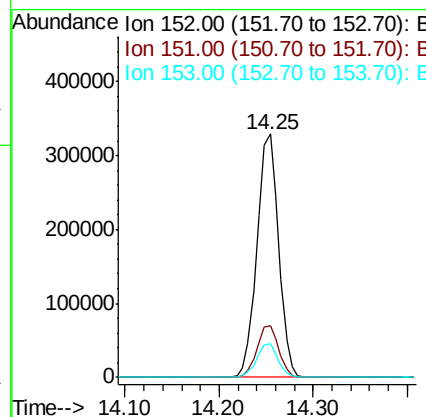
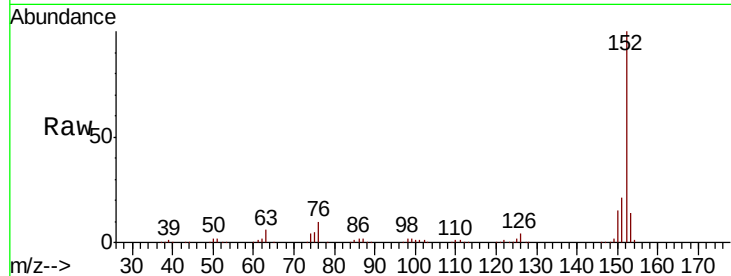
ClientSampleId :

PB126885BS

Tot Ion:	152	Resp:	526021
Ion Ratio	Lower	Upper	
152	100		
151	21.4	18.1	27.1
153	13.9	11.5	17.3

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM



#50

Dimethylphthalate

Concen: 37.937 ng

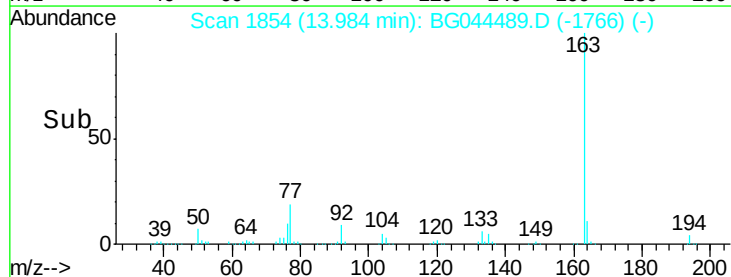
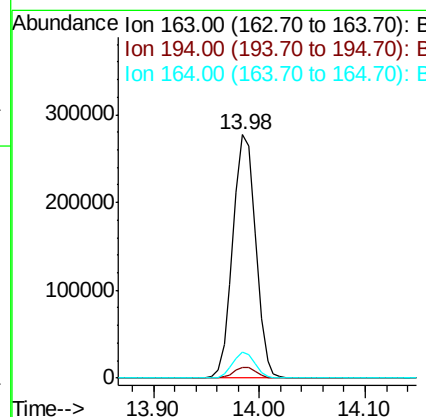
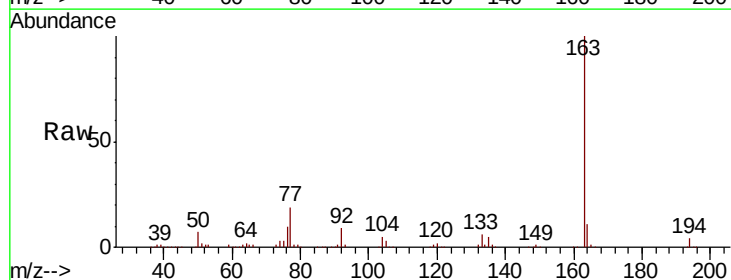
RT: 13.98 min Scan# 1854

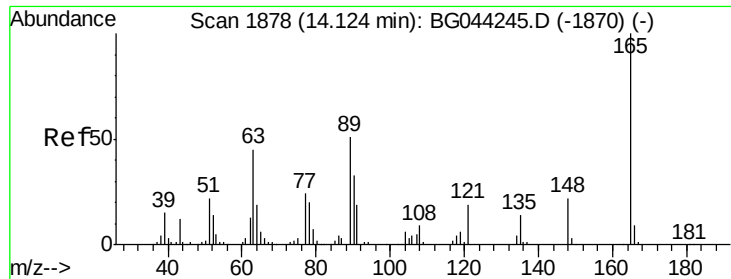
Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Tgt Ion:	163	Resp:	412643
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.6	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 38.865 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

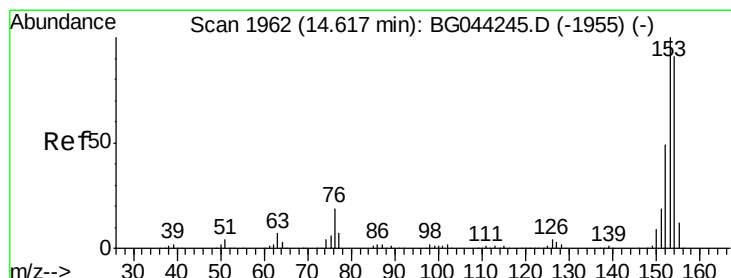
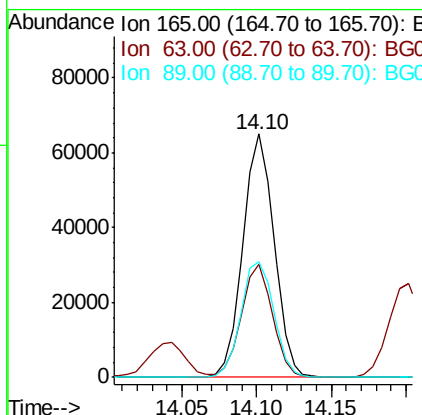
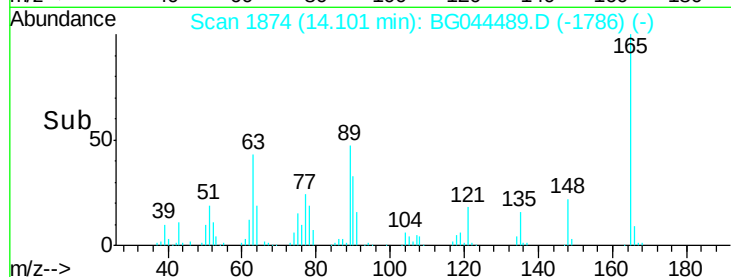
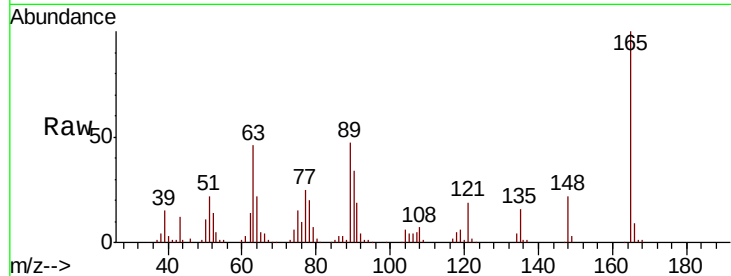
ClientSampleId :

PB126885BS

Tot Ion:	165	Resp:	94256
Ion Ratio	Lower	Upper	
165	100		
63	46.3	38.7	58.1
89	47.5	40.4	60.6

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM



#52

Acenaphthene

Concen: 38.652 ng

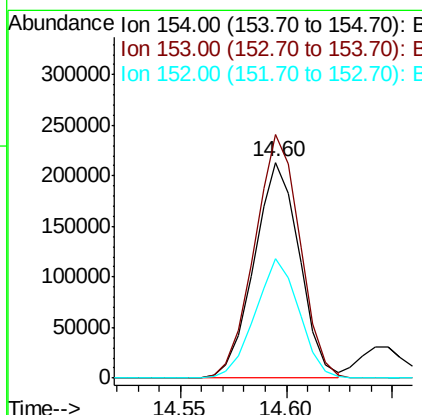
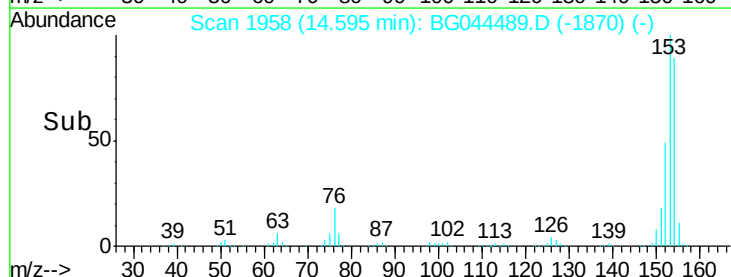
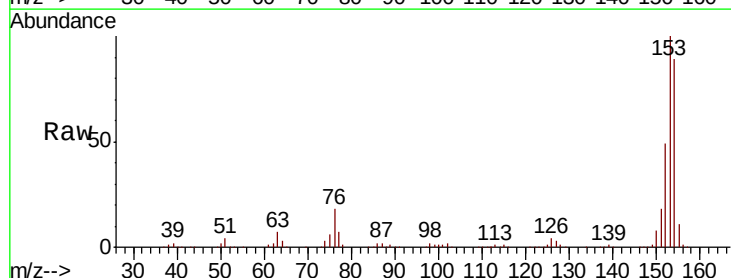
RT: 14.60 min Scan# 1958

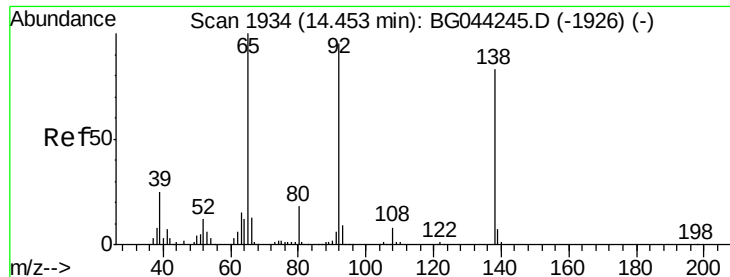
Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Tgt Ion:	154	Resp:	319151
Ion Ratio	Lower	Upper	
154	100		
153	112.7	87.9	131.9
152	55.0	43.1	64.7





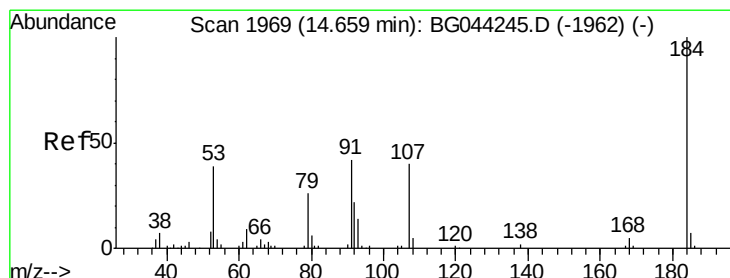
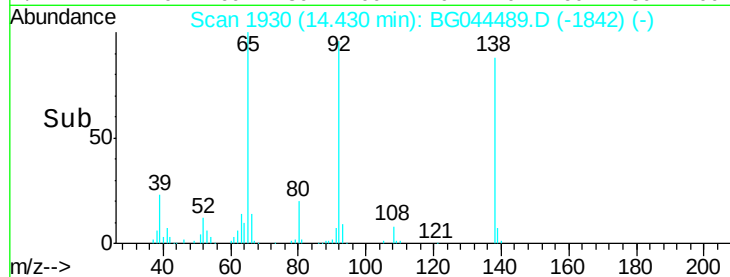
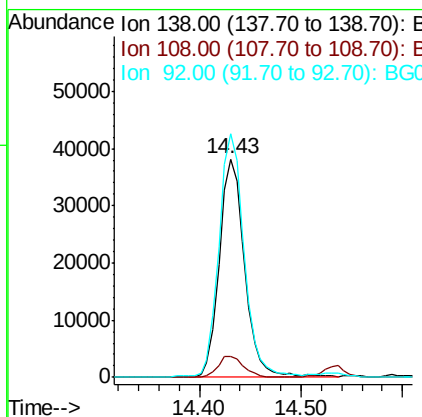
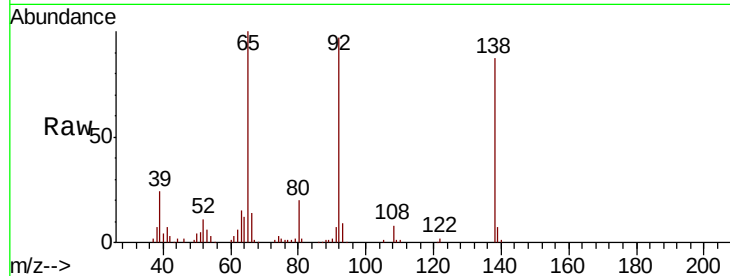
#53
 3-Nitroaniline
 Concen: 24.796 ng
 RT: 14.43 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB126885BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	111.4	91.0	136.4

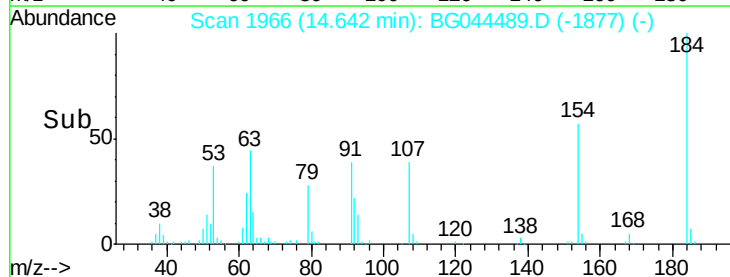
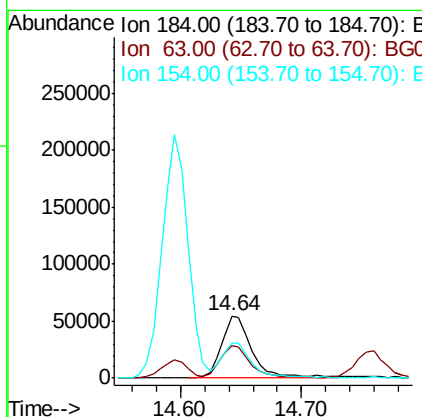
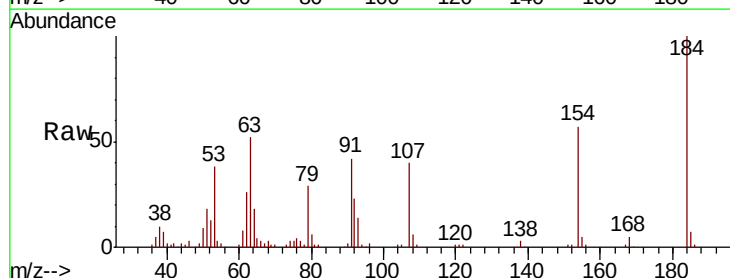
Manual Integrations
 APPROVED

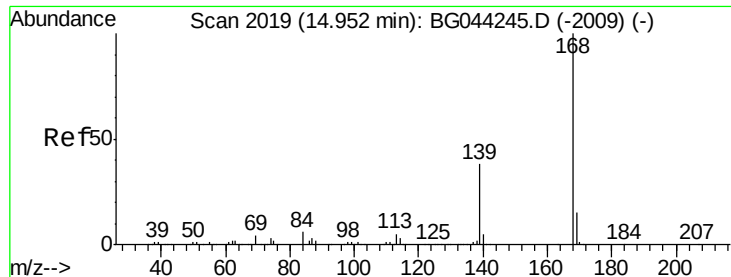
mohammad
 2/20/2020 3:11:37 PM



#54
 2,4-Dinitrophenol
 Concen: 67.325 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.7	44.1	66.1
154	56.8	45.4	68.0





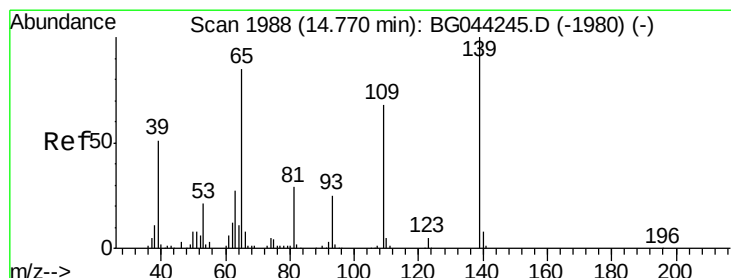
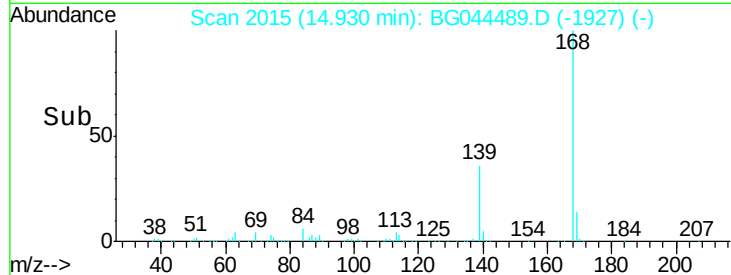
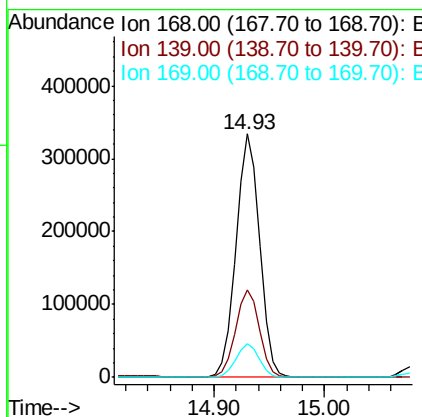
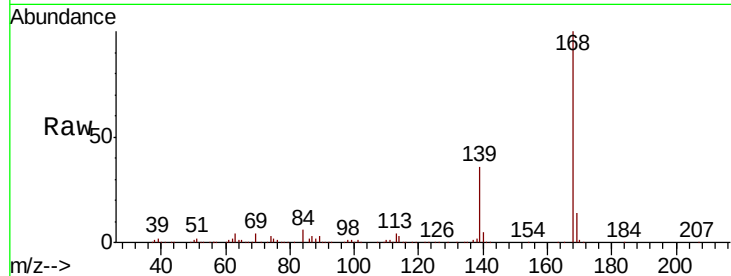
#55
Dibenzenofuran
Concen: 40.198 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion:	168	Resp:	502534
Ion Ratio		Lower	Upper
168	100		
139	36.2	30.5	45.7
169	13.9	11.7	17.5

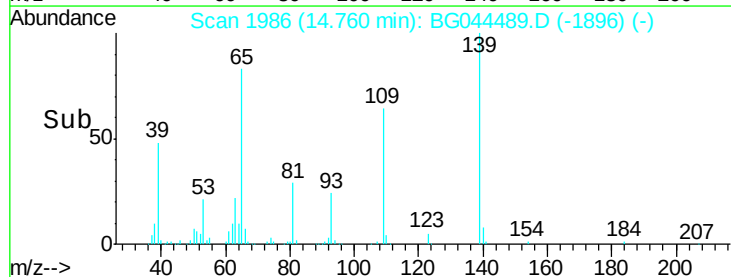
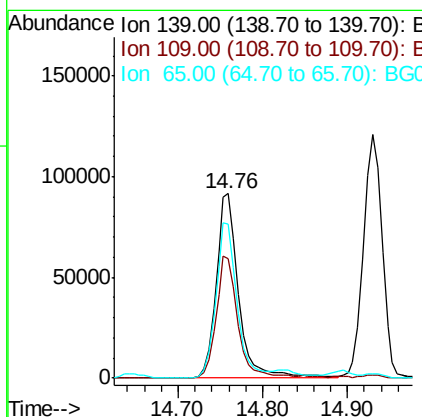
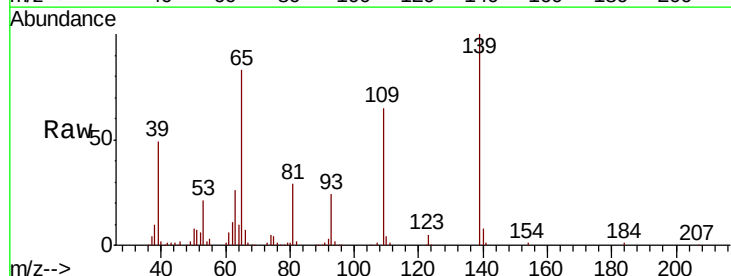
Manual Integrations
APPROVED

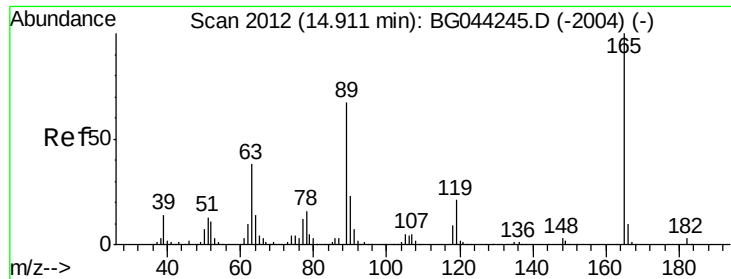
mohammad
2/20/2020 3:11:37 PM



#56
4-Nitrophenol
Concen: 86.556 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion:	139	Resp:	170117
Ion Ratio		Lower	Upper
139	100		
109	64.6	47.5	87.5
65	83.4	64.9	104.9





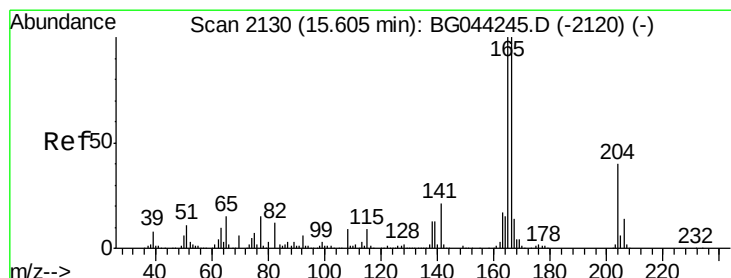
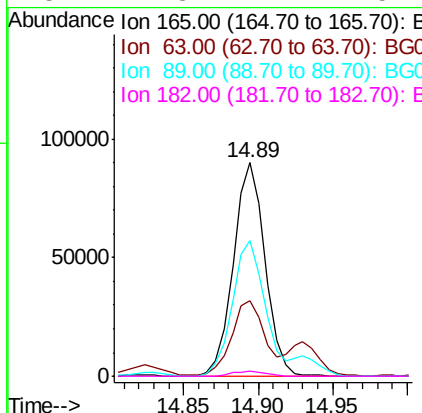
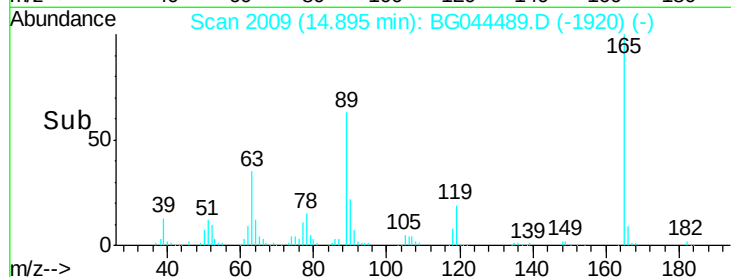
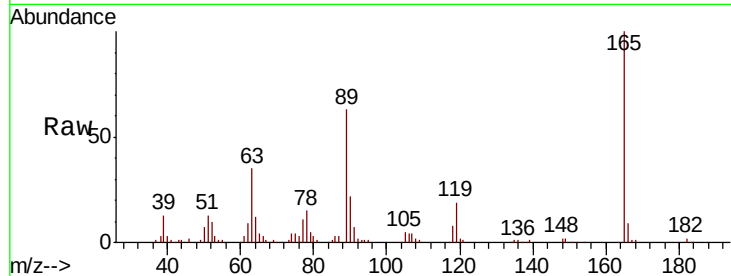
#57
2,4-Dinitrotoluene
Concen: 38.965 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.4	30.3	45.5	
89	63.3	53.4	80.2	
182	2.3	2.1	3.1	

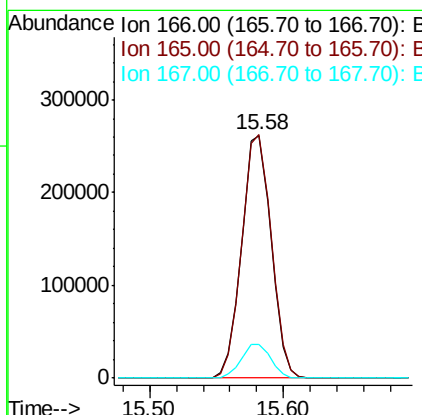
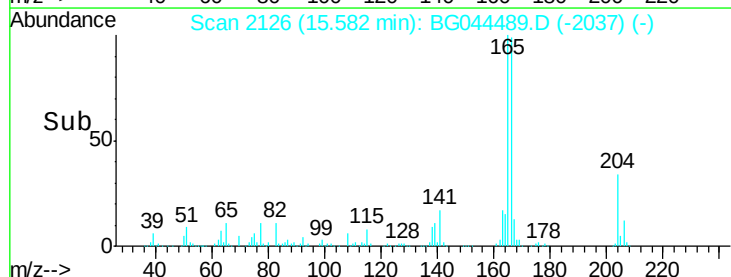
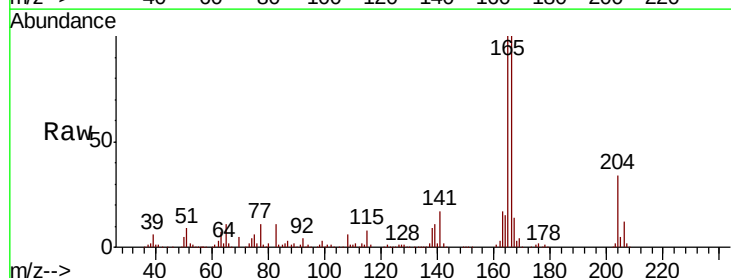
Manual Integrations
APPROVED

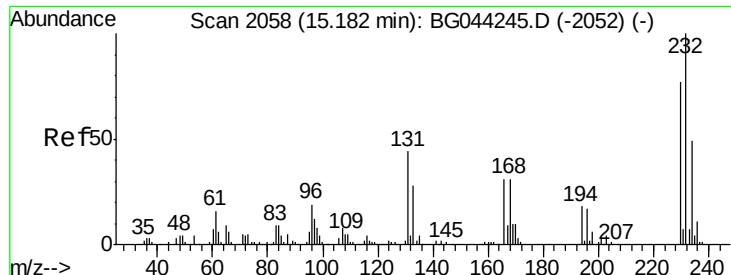
mohammad
2/20/2020 3:11:37 PM



#58
Fluorene
Concen: 40.595 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.3	79.9	119.9	
167	13.7	11.4	17.0	





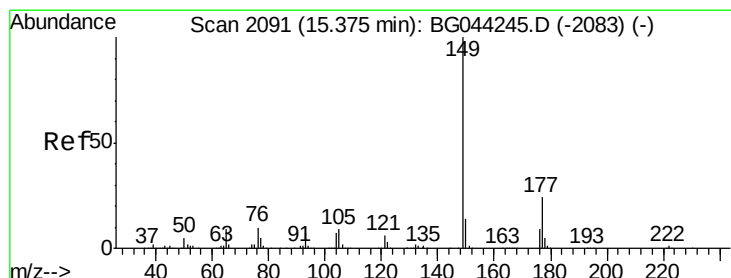
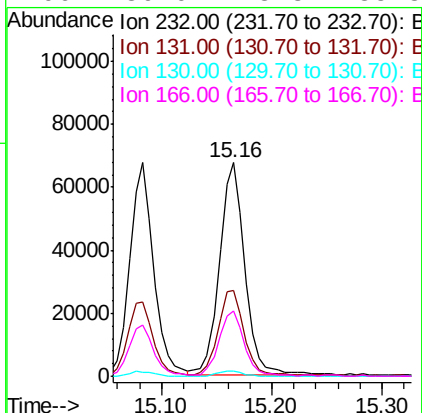
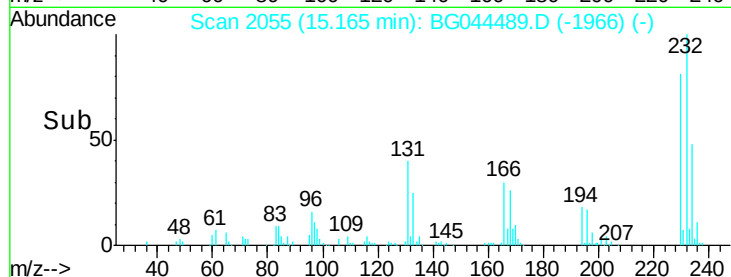
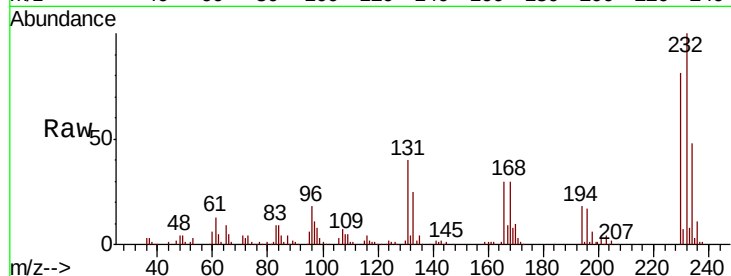
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.115 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB126885BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	108281		
131	43.3		34.2	51.4
130	2.3		1.8	2.8
166	30.0		23.8	35.8

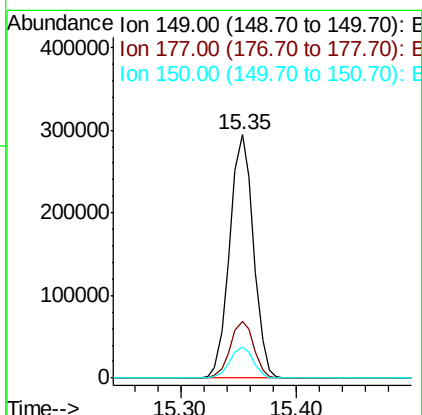
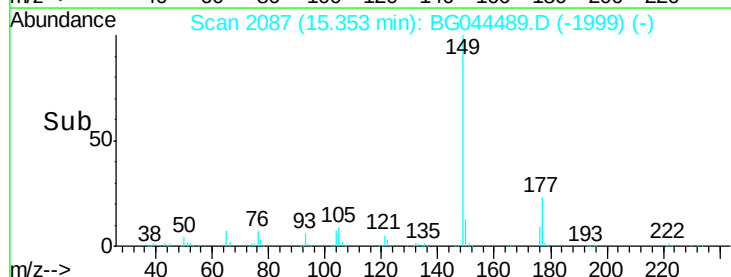
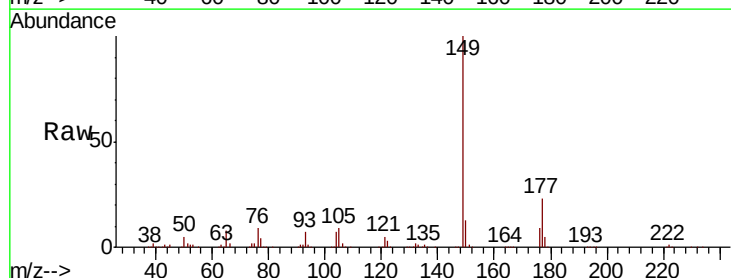
Manual Integrations
 APPROVED

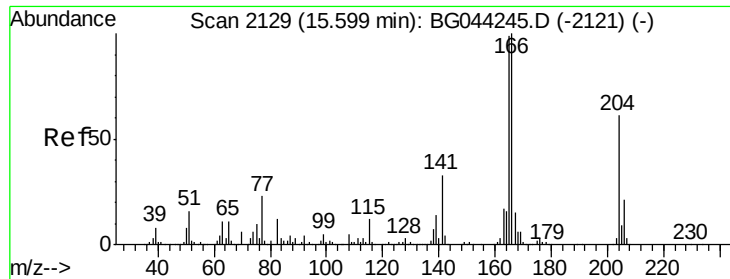
mohammad
 2/20/2020 3:11:37 PM



#60
 Diethylphthalate
 Concen: 38.661 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	419013		
177	23.4		19.4	29.0
150	13.0		10.9	16.3





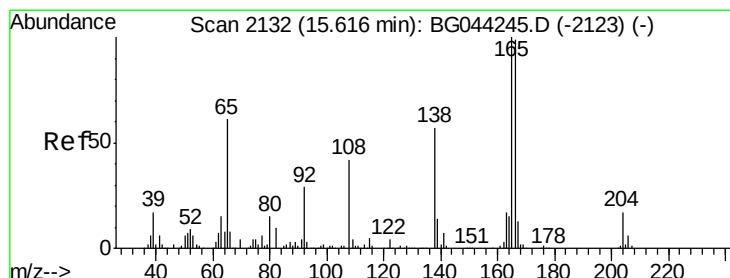
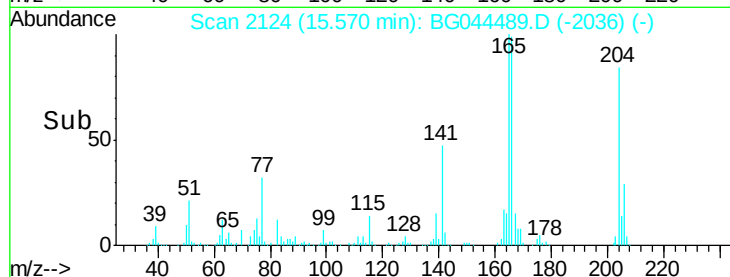
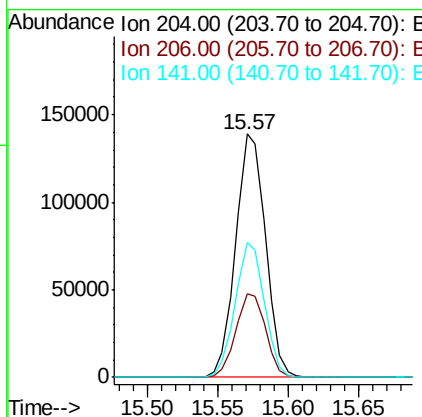
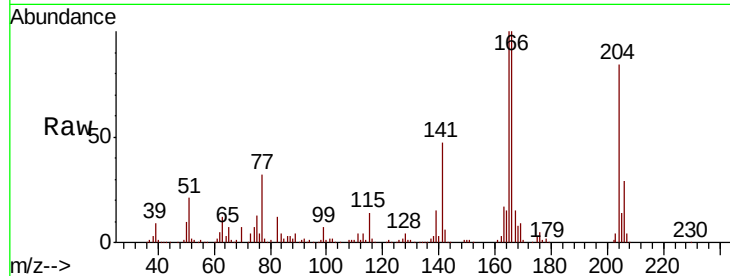
#61
 4-Chlorophenyl-phenylether
 Concen: 38.355 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB126885BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	204773		
206	34.3		27.6	41.4
141	55.2		43.4	65.0

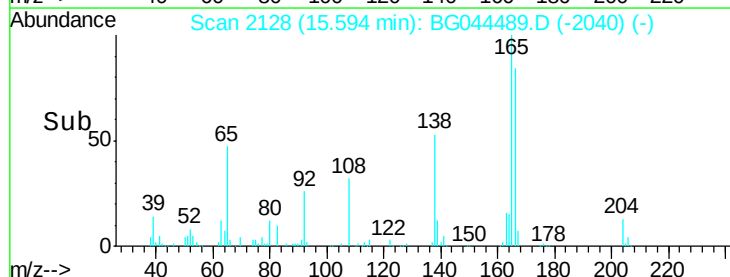
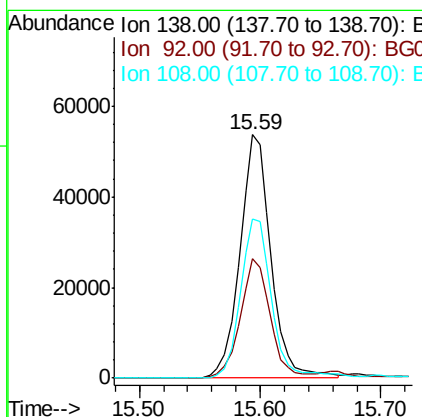
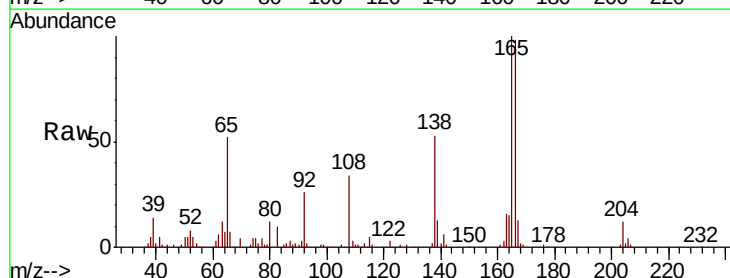
Manual Integrations
 APPROVED

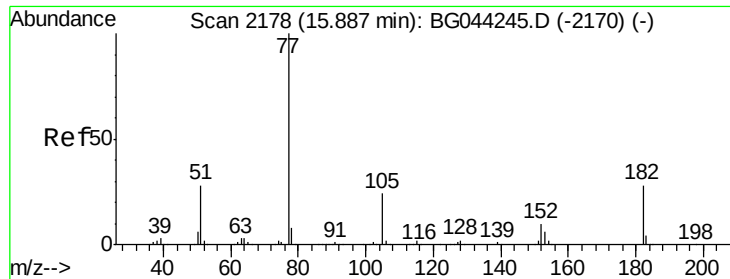
mohammad
 2/20/2020 3:11:37 PM



#62
 4-Nitroaniline
 Concen: 35.851 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	96119		
92	49.1		31.3	71.3
108	65.5		52.6	92.6





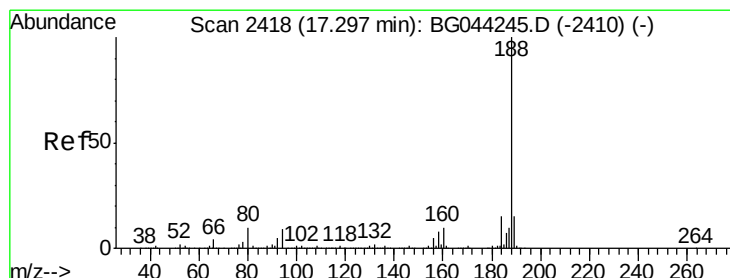
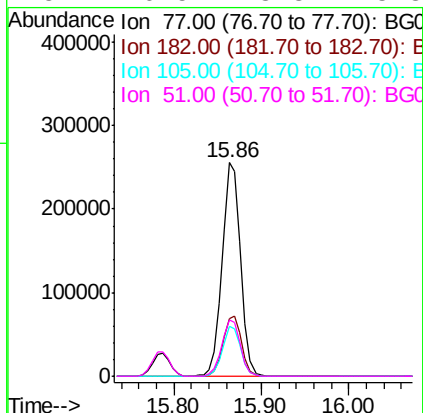
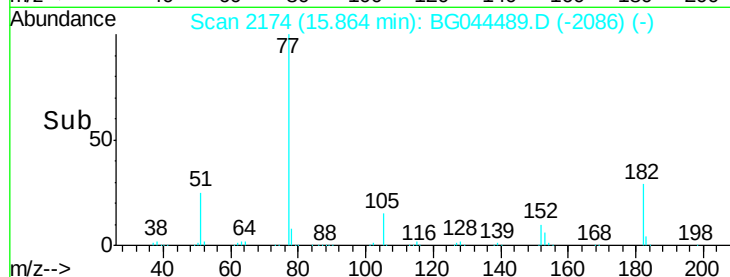
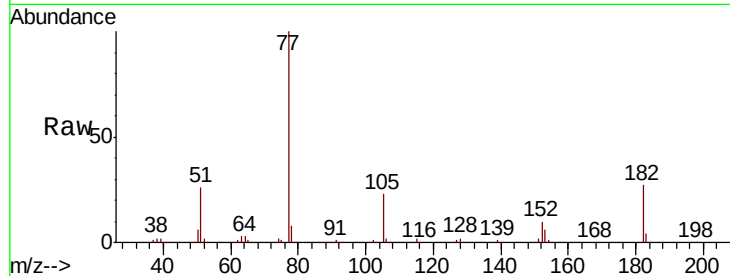
#63
Azobenzene
Concen: 39.098 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	8.2	48.2
105	23.2	3.6	43.6
51	26.5	8.3	48.3

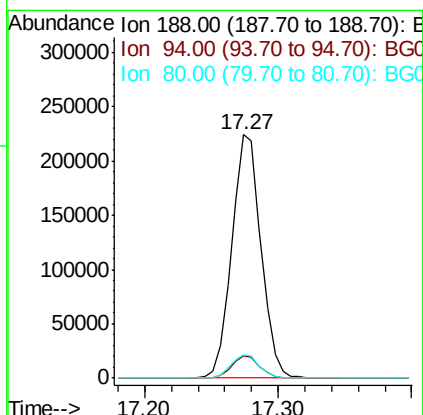
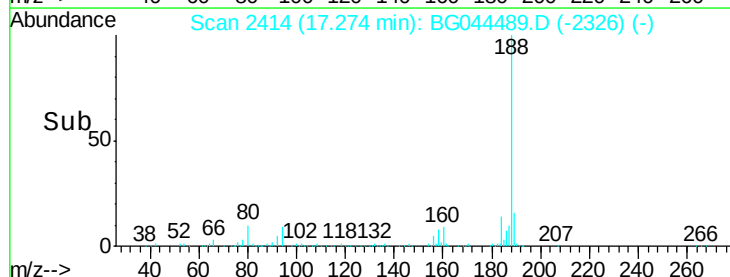
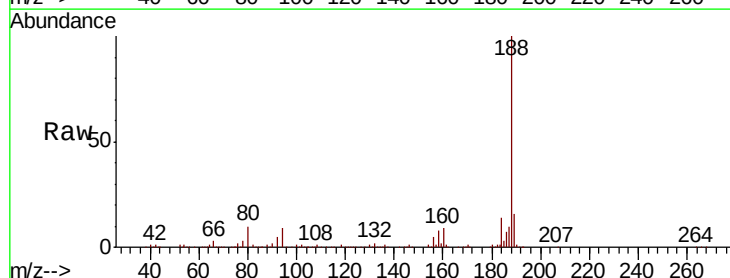
Manual Integrations
APPROVED

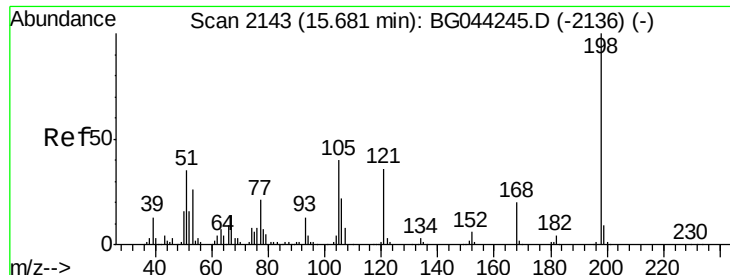
mohammad
2/20/2020 3:11:37 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	9.7	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 42.018 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampleId :

PB126885BS

Tot Ion:198 Resp: 78890

Ion Ratio Lower Upper

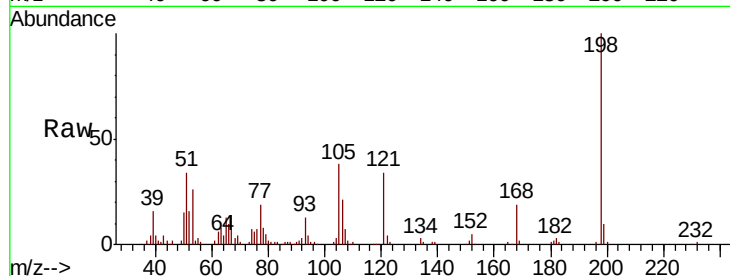
198 100

51 34.2 16.6 56.6

105 38.4 20.6 60.6

Manual Integrations
APPROVED

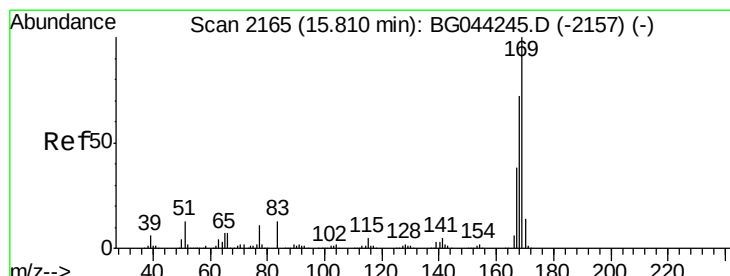
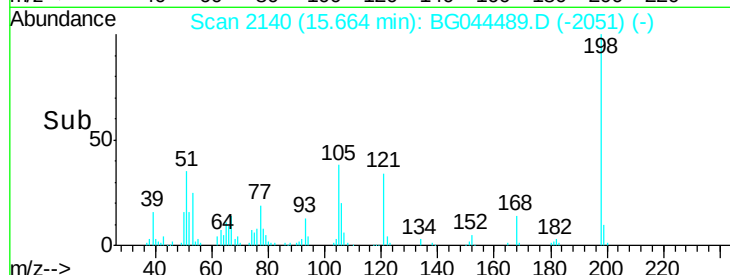
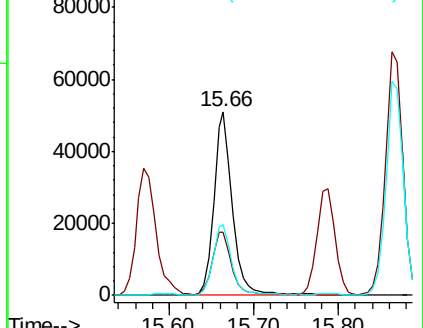
mohammad
2/20/2020 3:11:37 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.929 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

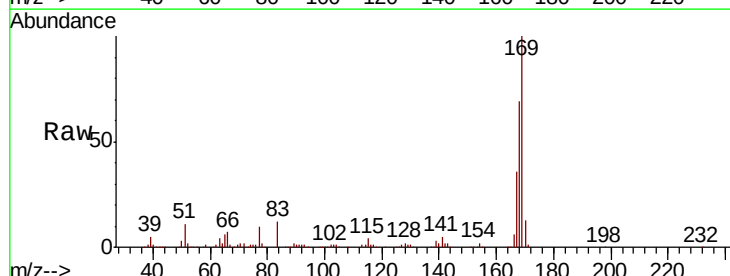
Tgt Ion:169 Resp: 371069

Ion Ratio Lower Upper

169 100

168 69.1 57.9 86.9

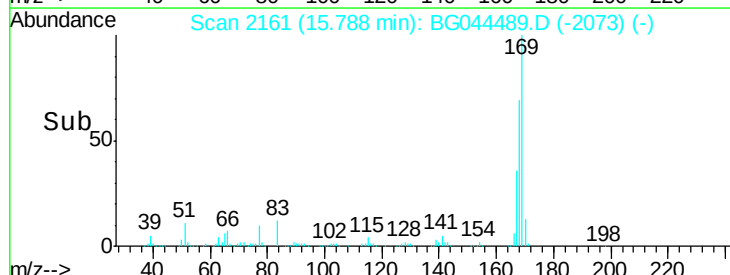
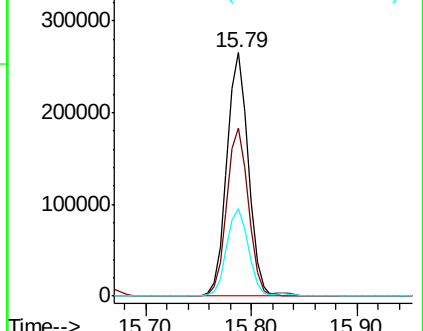
167 36.0 30.7 46.1

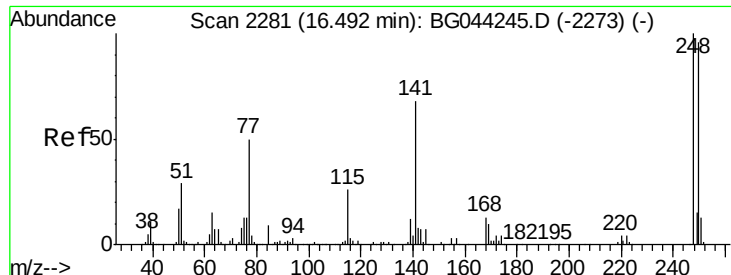


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





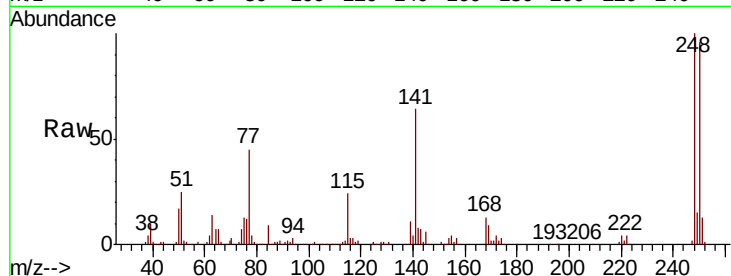
#67
 4-Bromophenyl-phenylether
 Concen: 36.684 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB126885BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.6	114.8
141	63.7	54.7	82.1

Manual Integrations
 APPROVED

mohammad
 2/20/2020 3:11:37 PM

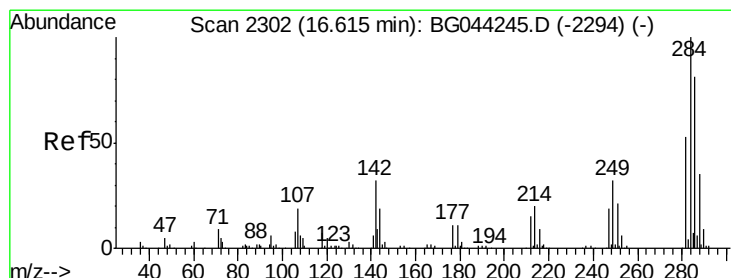
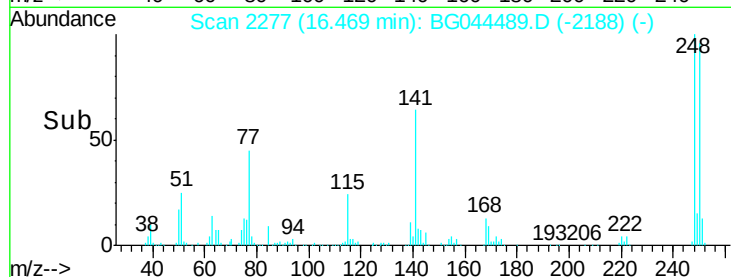
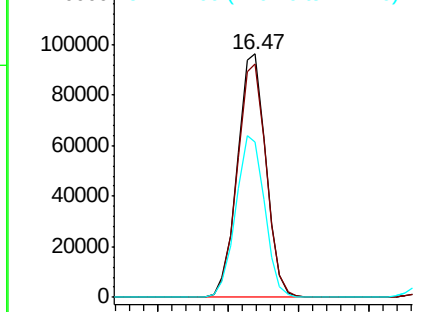


Abundance

Ion 248.00 (247.70 to 248.70): E

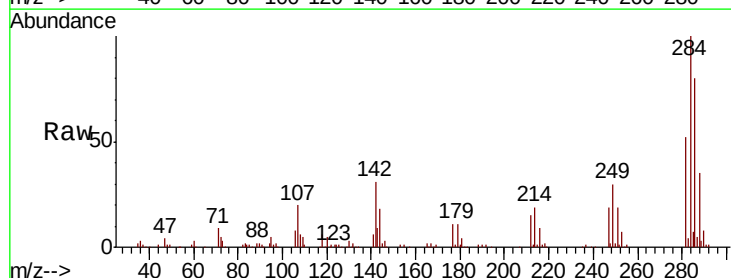
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 36.901 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	25.3	37.9
249	30.3	25.5	38.3

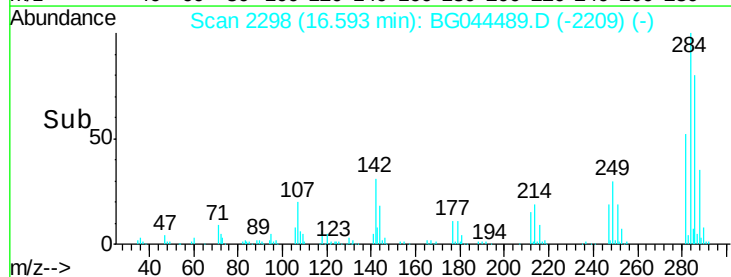
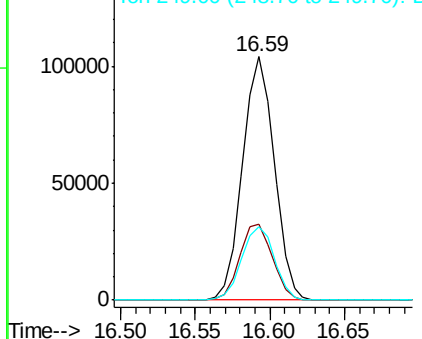


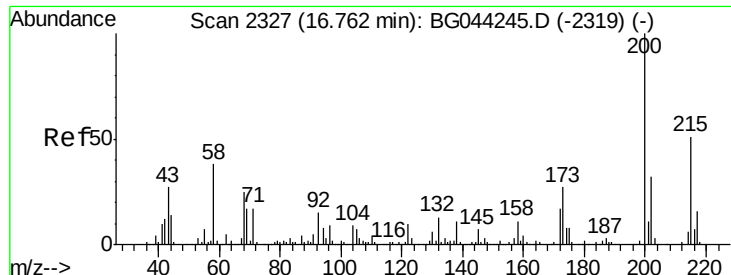
Abundance

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: 43.542 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

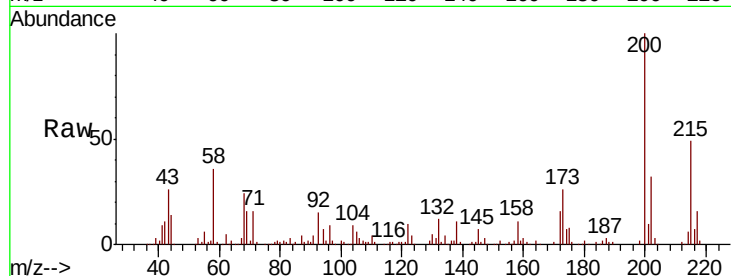
ClientSampled :

PB126885BS

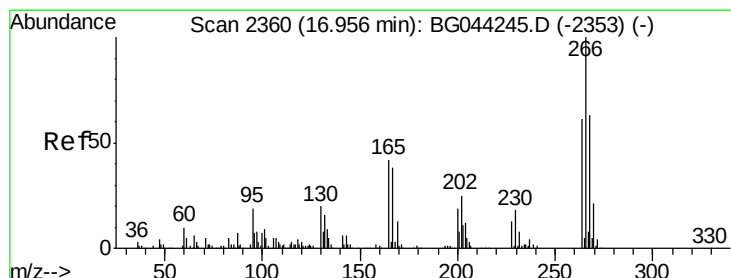
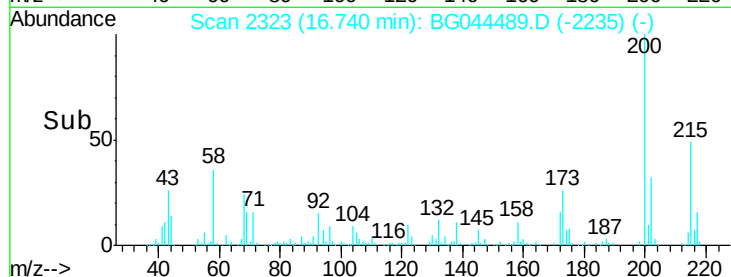
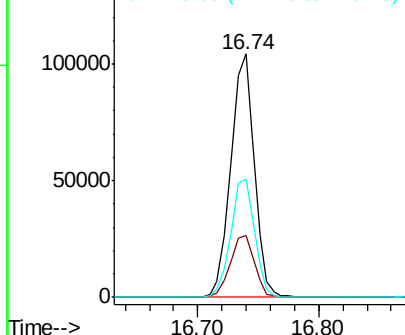
Tot Ion:	200	Resp:	142256
Ion Ratio	Lower	Upper	
200	100		
173	25.6	6.6	46.6
215	48.8	31.0	71.0

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM



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



#70

Pentachlorophenol

Concen: 71.979 ng

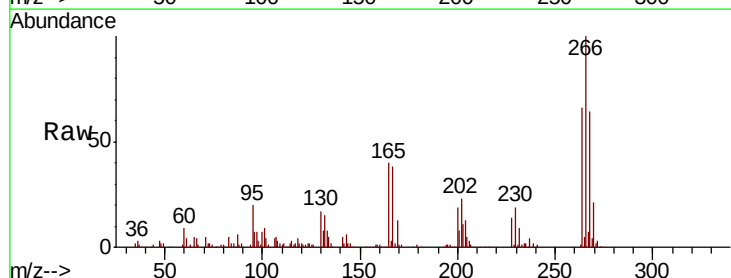
RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

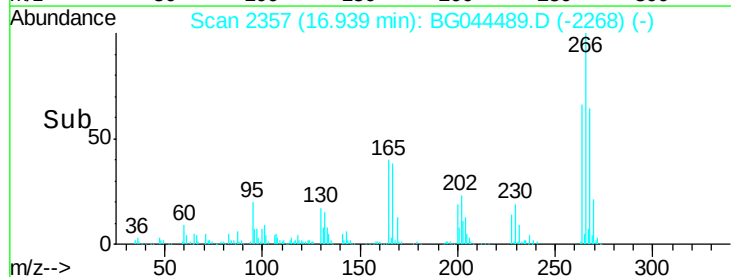
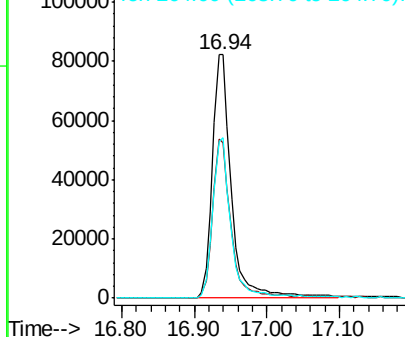
Lab File: BG044489.D

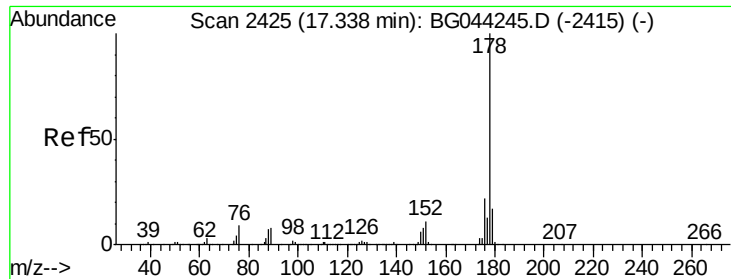
Acq: 19 Feb 2020 14:10

Tgt Ion:	266	Resp:	150426
Ion Ratio	Lower	Upper	
266	100		
268	63.8	50.6	75.8
264	65.7	48.7	73.1



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





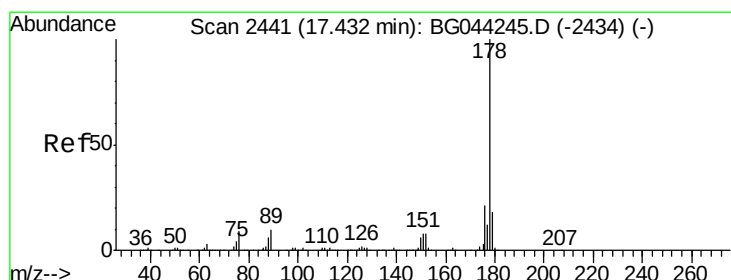
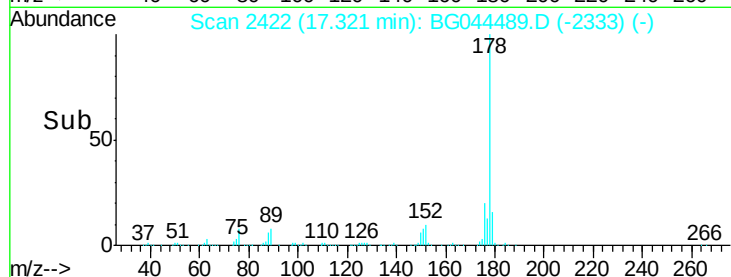
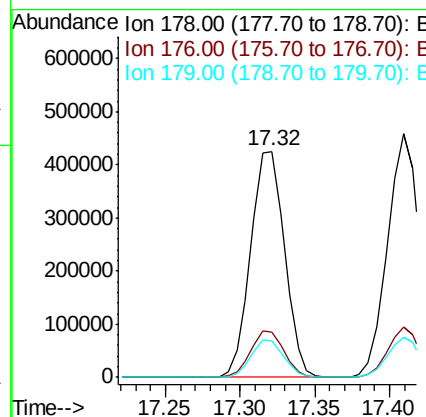
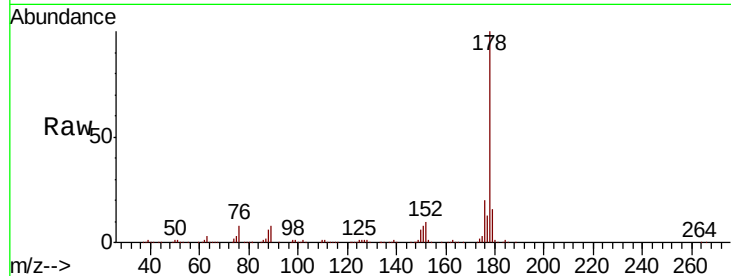
#71
 Phenanthrene
 Concen: 40.569 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB126885BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.7	26.5
179	16.1	13.7	20.5

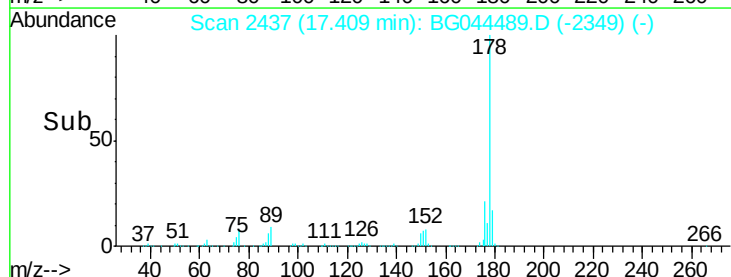
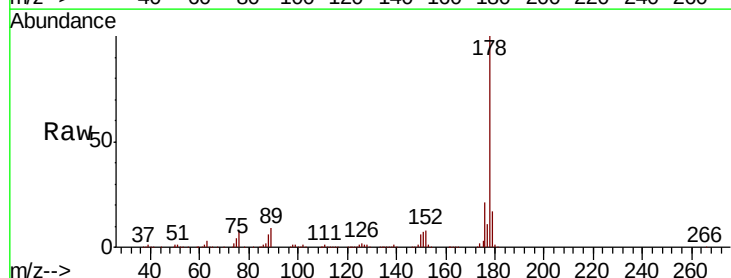
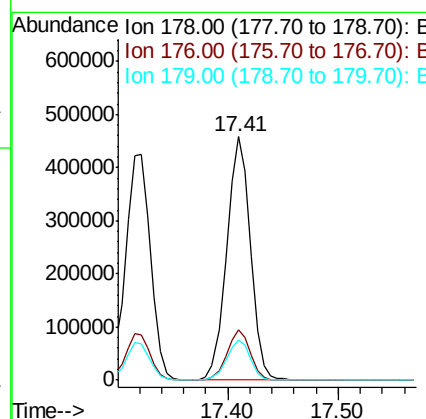
Manual Integrations
 APPROVED

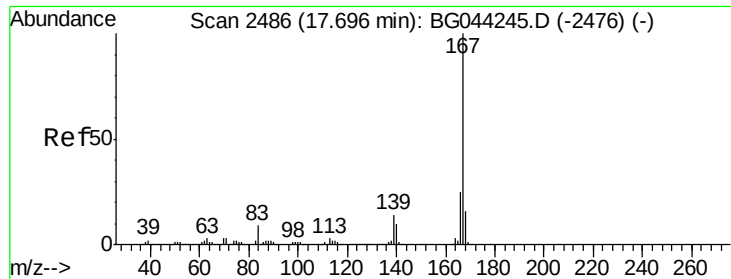
mohammad
 2/20/2020 3:11:37 PM



#72
 Anthracene
 Concen: 42.040 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.0	25.4
179	16.7	14.4	21.6





#73

Carbazole

Concen: 41.551 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

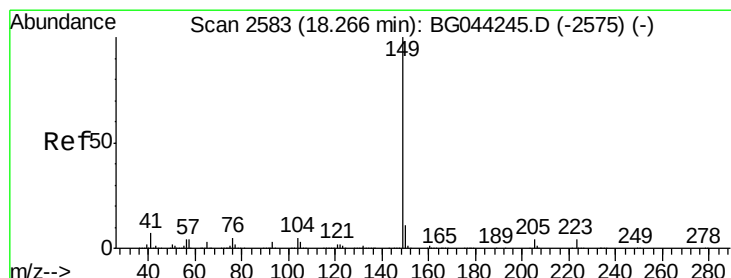
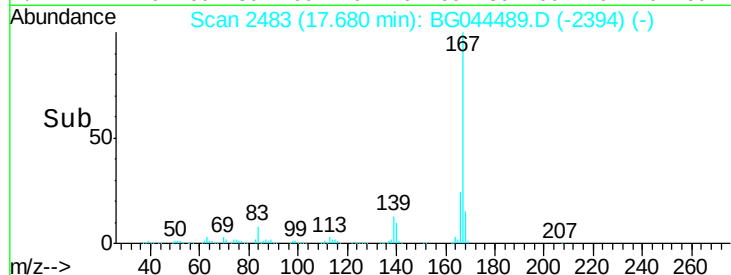
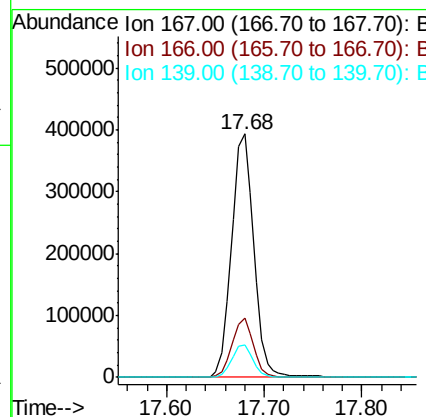
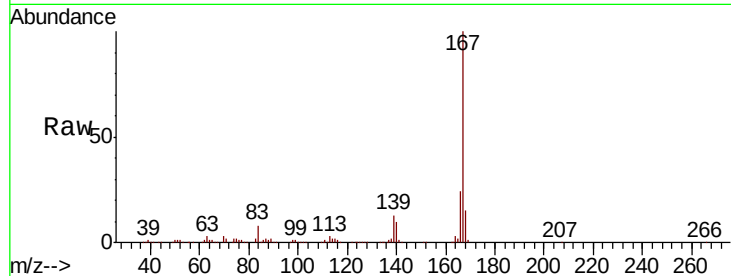
ClientSampleId :

PB126885BS

Tot Ion:	167	Resp:	623752
Ion Ratio	Lower	Upper	
167	100		
166	24.3	19.8	29.6
139	13.4	11.1	16.7

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM



#74

Di-n-butylphthalate

Concen: 41.275 ng

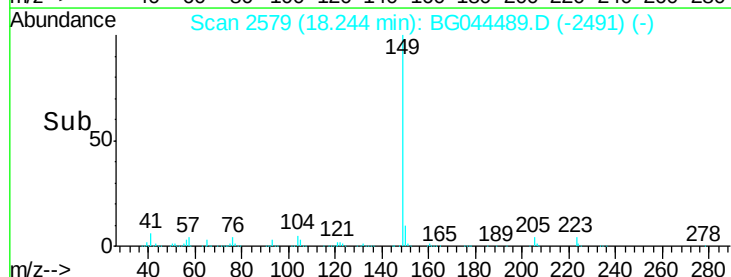
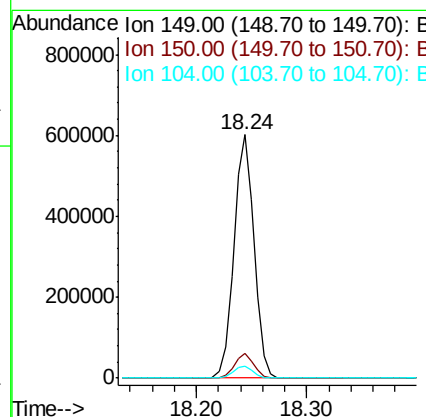
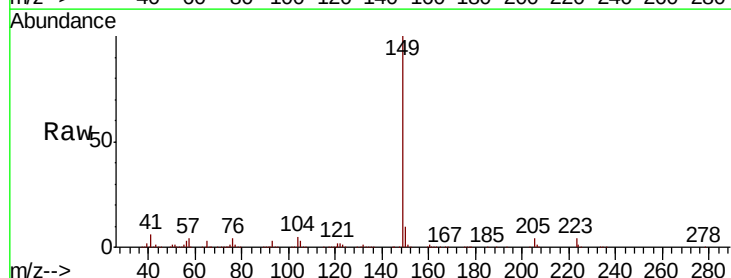
RT: 18.24 min Scan# 2579

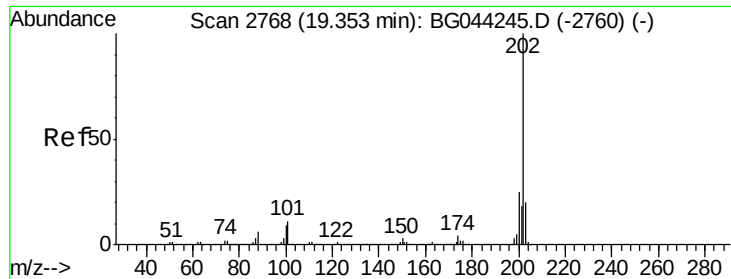
Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Tgt Ion:	149	Resp:	765678
Ion Ratio	Lower	Upper	
149	100		
150	9.9	8.7	13.1
104	4.9	4.3	6.5





#75

Fluoranthene

Concen: 43.298 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

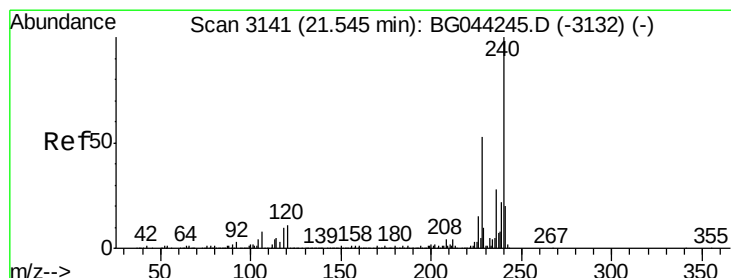
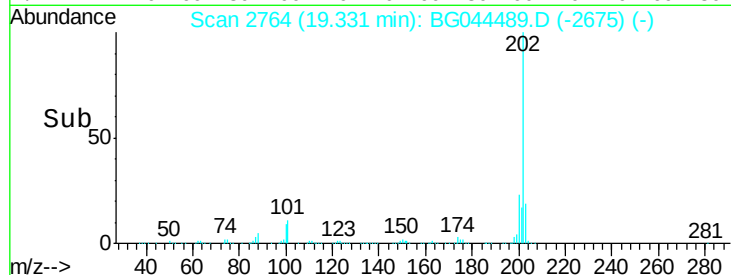
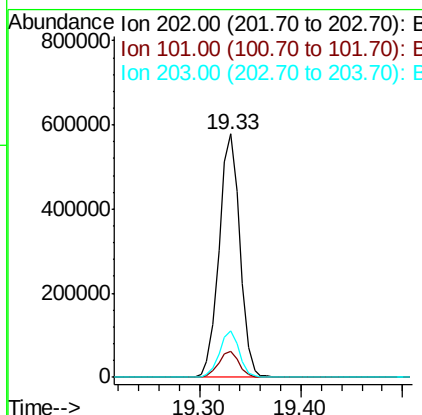
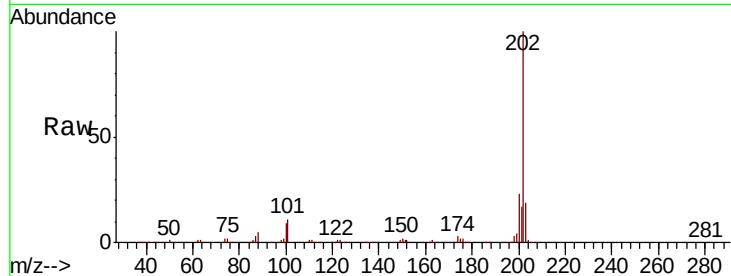
ClientSampleId :

PB126885BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		824961		
101	10.6	0.0	31.3		
203	19.1	0.0	39.9		

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM



#76

Chrysene-d12

Concen: 20.000 ng

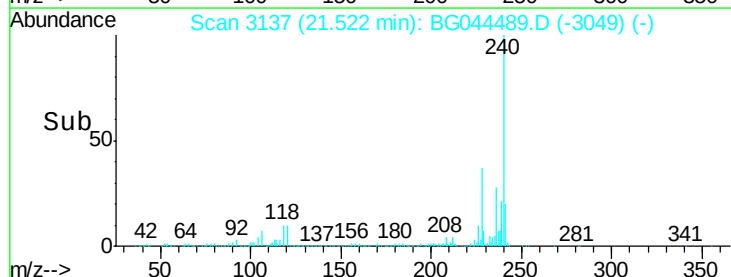
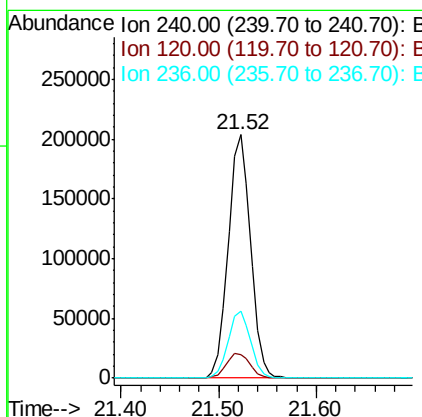
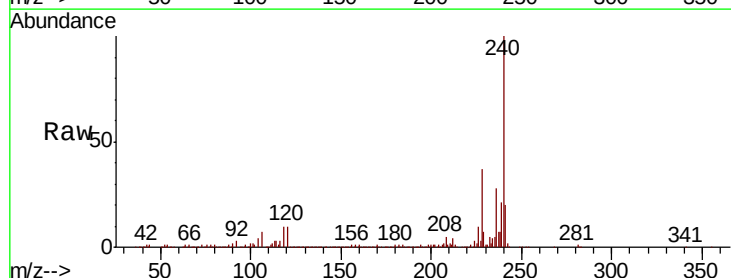
RT: 21.52 min Scan# 3137

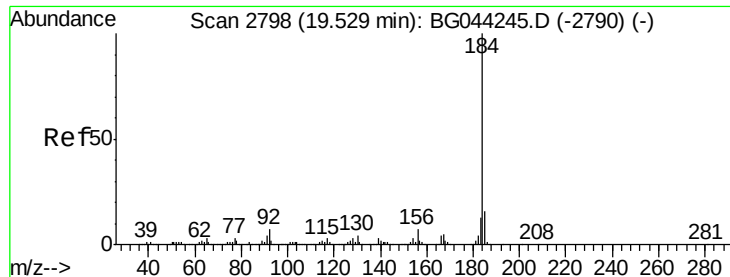
Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		323850		
120	9.9	8.4	12.6		
236	27.7	22.1	33.1		





#77

Benzidine

Concen: 34.177 ng

RT: 19.51 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

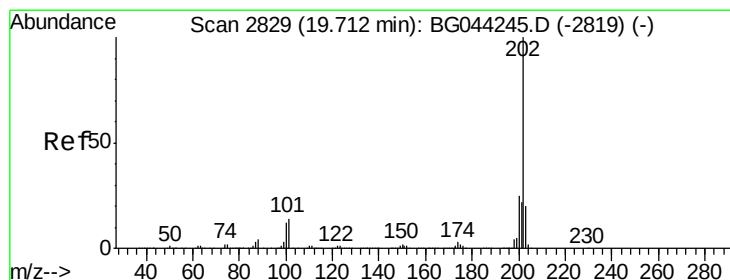
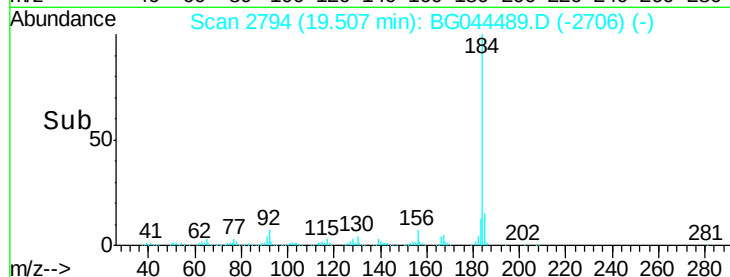
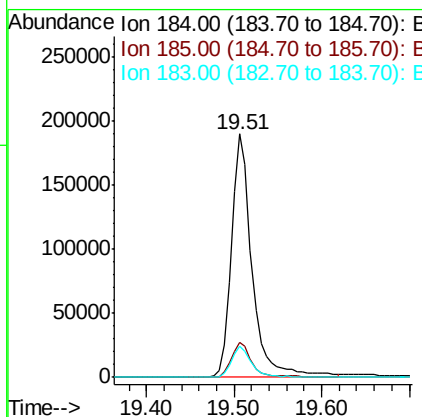
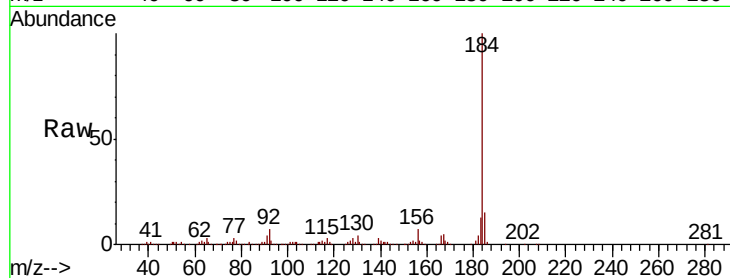
ClientSampleId :

PB126885BS

Tot Ion:	184	Resp:	307005
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.9	19.3
183	12.8	10.8	16.2

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM



#78

Pyrene

Concen: 40.103 ng

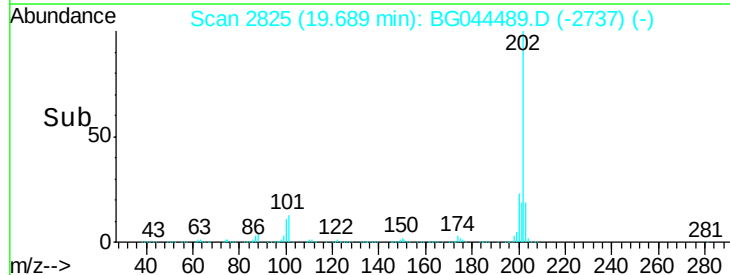
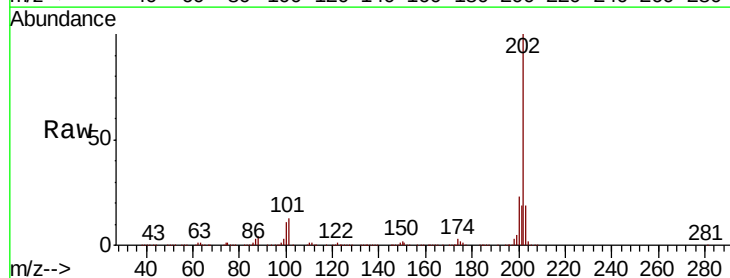
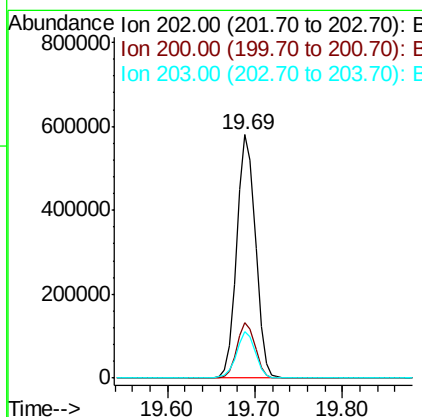
RT: 19.69 min Scan# 2825

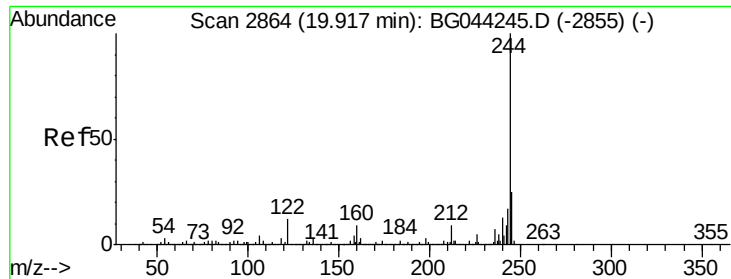
Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Tgt Ion:	202	Resp:	834049
Ion Ratio	Lower	Upper	
202	100		
200	22.9	20.0	30.0
203	19.1	16.2	24.2





#79

Terphenyl-d14

Concen: 66.945 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampleId :

PB126885BS

Tot Ion:244 Resp: 1054037

Ion Ratio Lower Upper

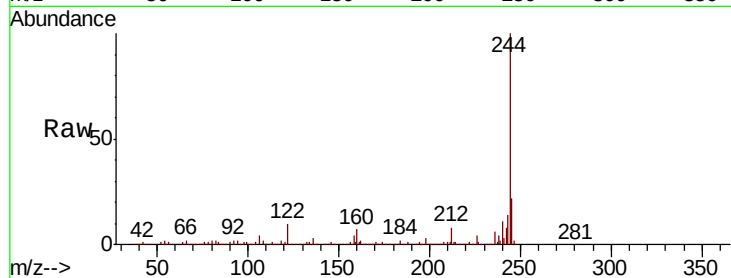
244 100

212 7.7 7.4 11.2

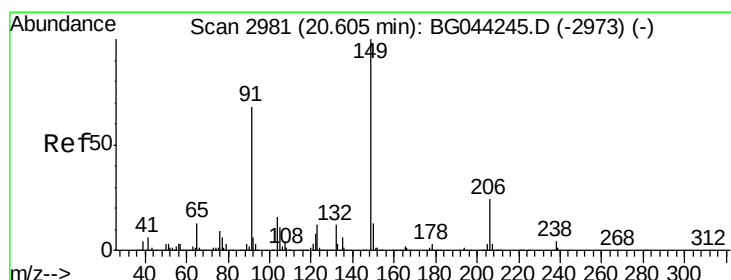
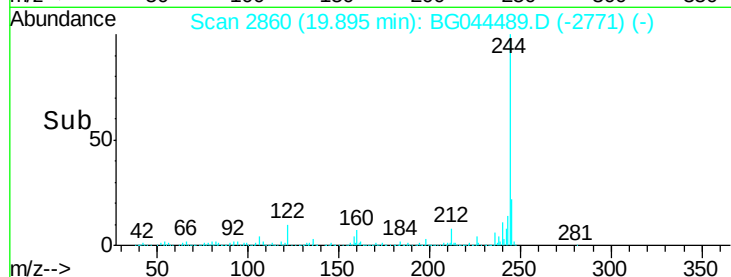
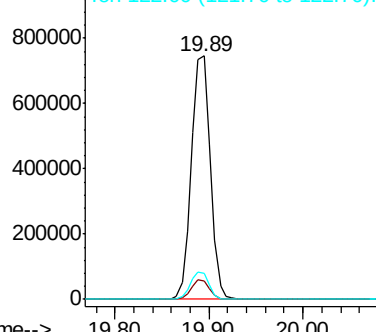
122 10.4 9.8 14.6

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM



Abundance Ion 244.00 (243.70 to 244.70): E
1000000 Ion 212.00 (211.70 to 212.70): E
800000 Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.042 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

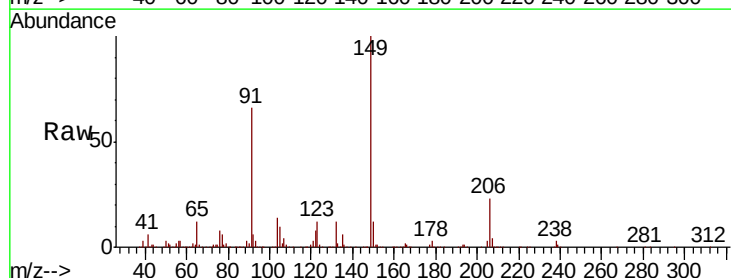
Tgt Ion:149 Resp: 360553

Ion Ratio Lower Upper

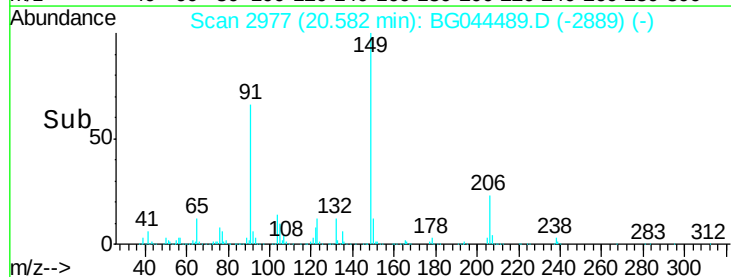
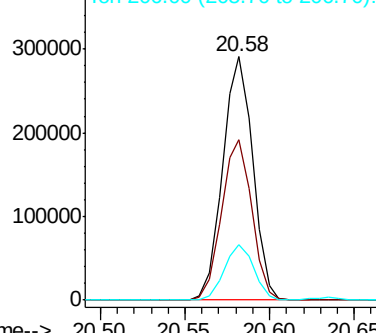
149 100

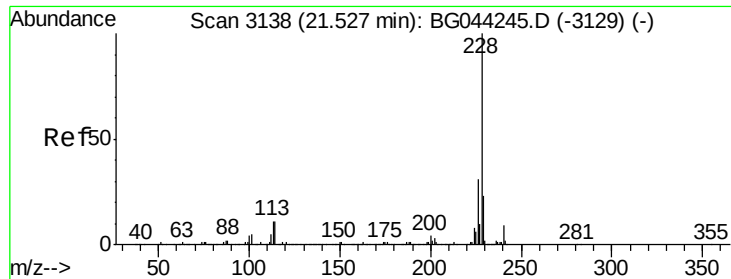
91 65.8 54.5 81.7

206 22.8 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E
400000 Ion 91.00 (90.70 to 91.70): BG
300000 Ion 206.00 (205.70 to 206.70): E





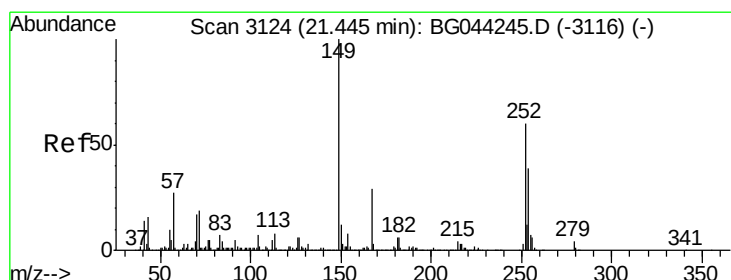
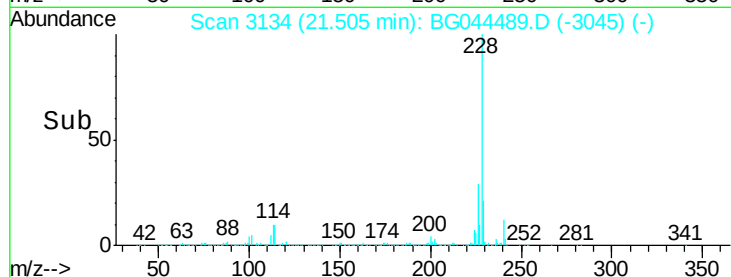
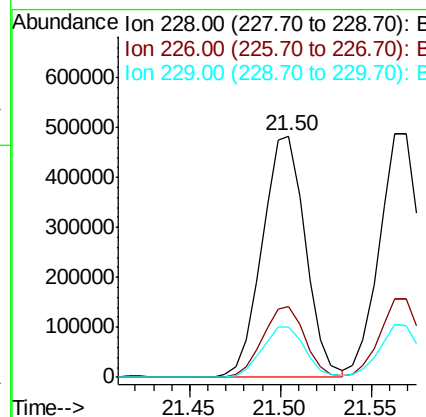
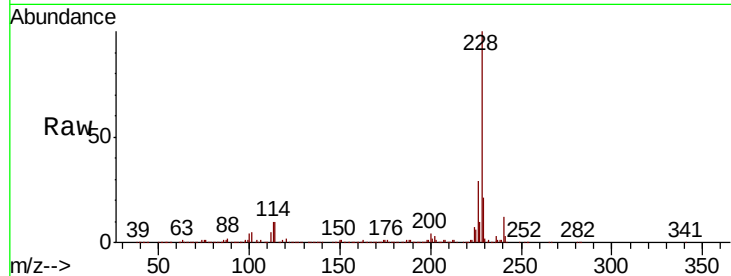
#81
Benzo(a)anthracene
Concen: 40.077 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.7	37.1
229	21.1	18.2	27.4

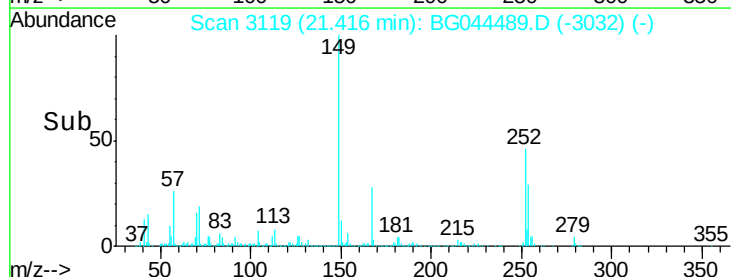
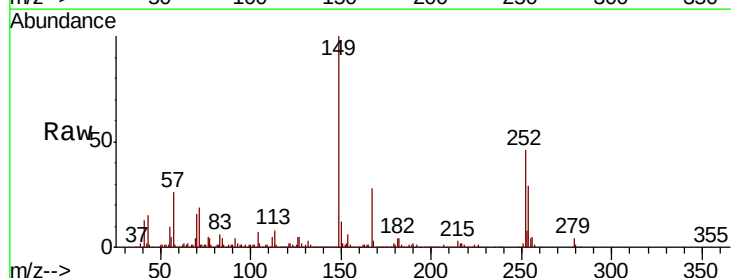
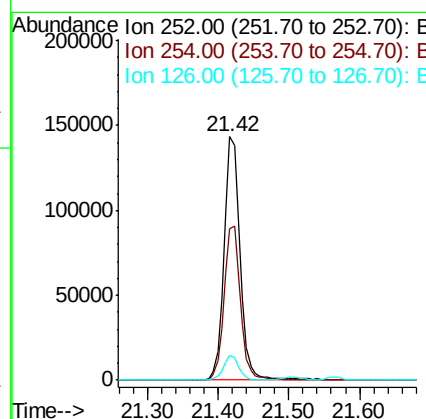
Manual Integrations
APPROVED

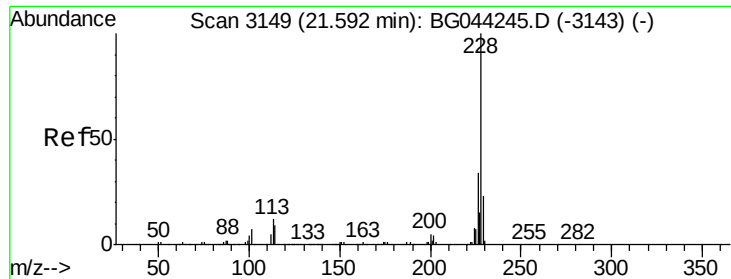
mohammad
2/20/2020 3:11:37 PM



#82
3,3'-Dichlorobenzidine
Concen: 29.288 ng
RT: 21.42 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	52.6	78.8
126	9.9	8.2	12.4





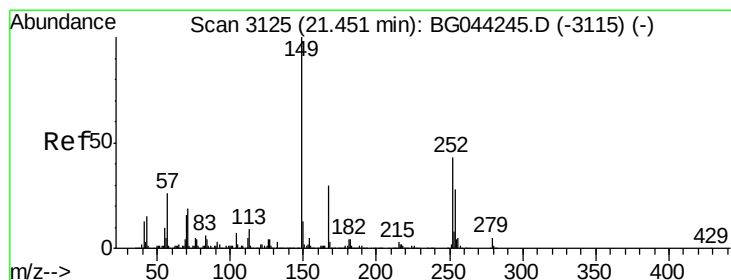
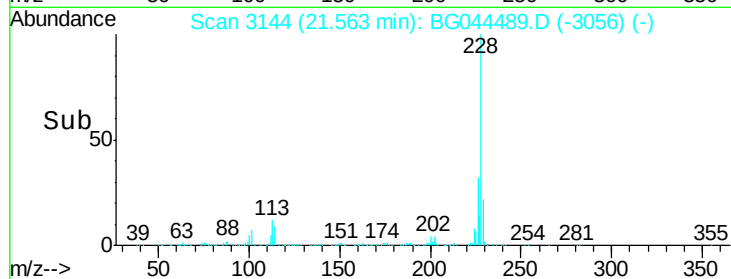
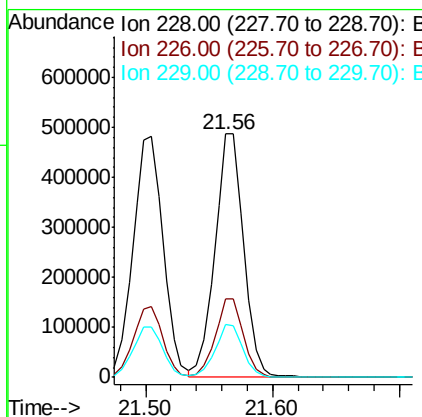
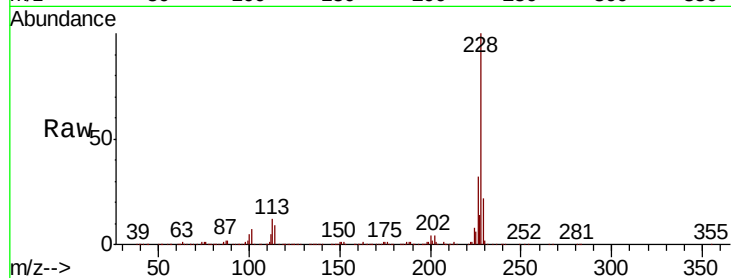
#83
Chrysene
Concen: 39.604 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	27.1	40.7
229	21.7	17.9	26.9

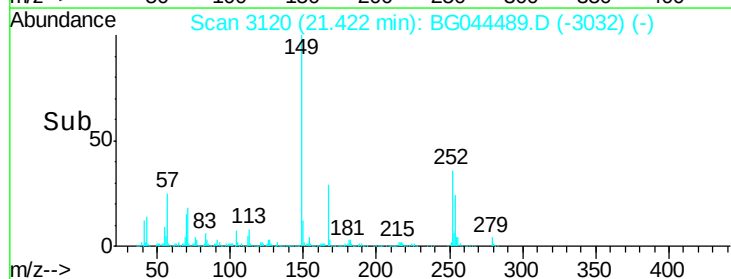
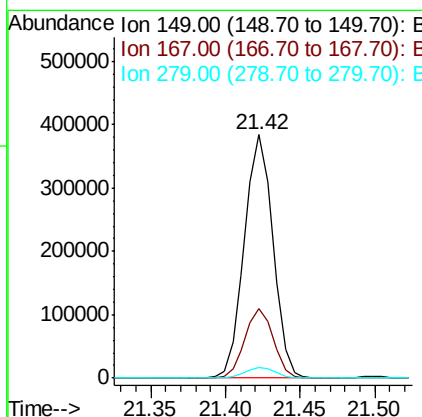
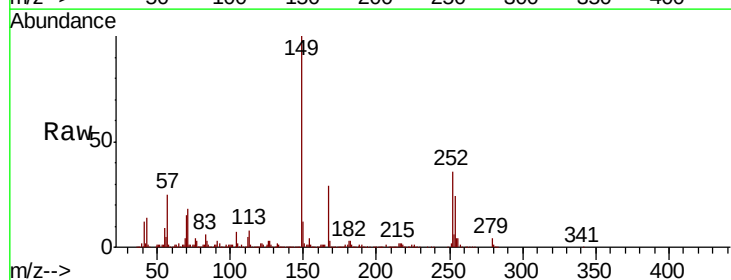
Manual Integrations
APPROVED

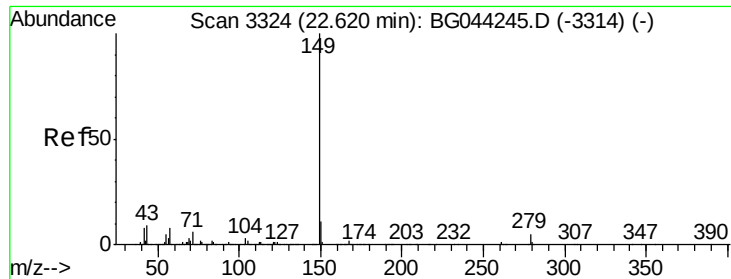
mohammad
2/20/2020 3:11:37 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.976 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	24.0	36.0
279	4.4	3.8	5.8





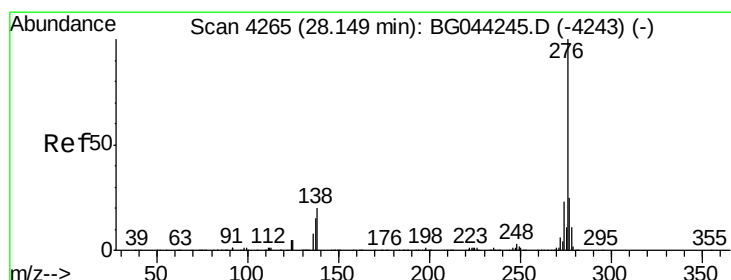
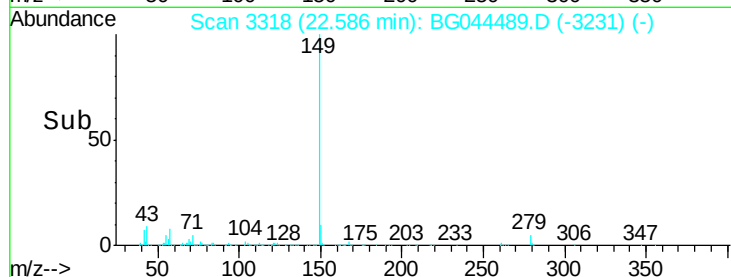
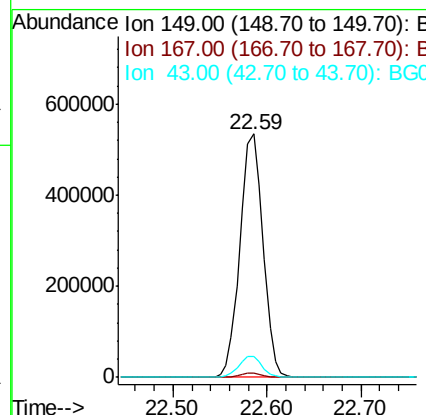
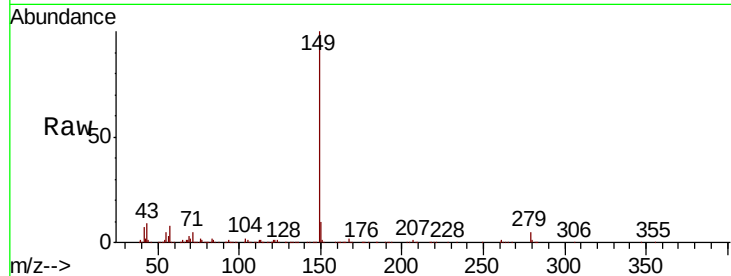
#85
Di-n-octyl phthalate
Concen: 40.289 ng
RT: 22.59 min Scan# 3318
Delta R.T. -0.02 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	909387		
167	1.7		1.3	1.9
43	8.6		7.4	11.0

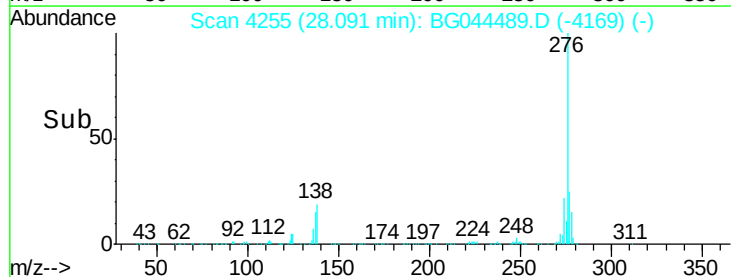
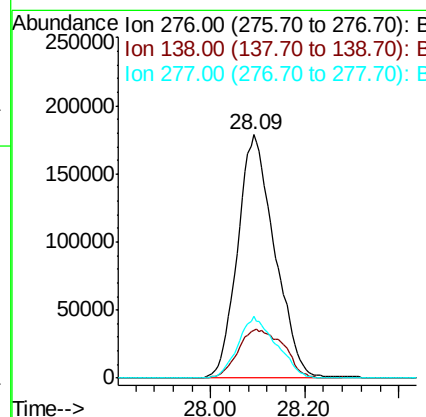
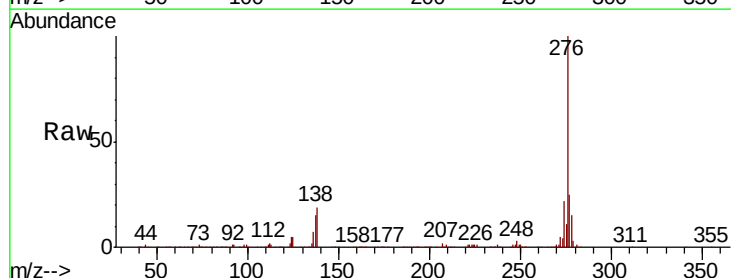
Manual Integrations
APPROVED

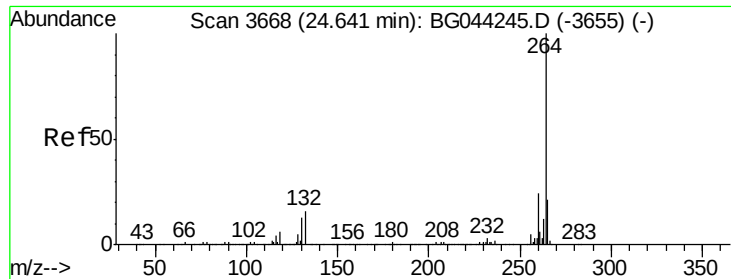
mohammad
2/20/2020 3:11:37 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.886 ng
RT: 28.09 min Scan# 4255
Delta R.T. -0.03 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	978763		
138	24.5		19.4	29.0
277	26.0		21.0	31.6





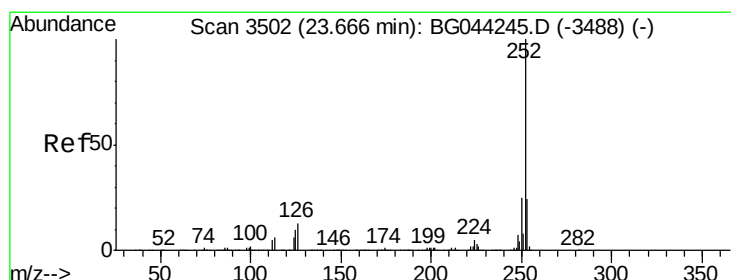
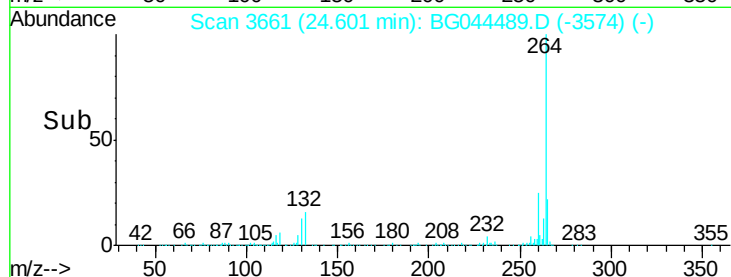
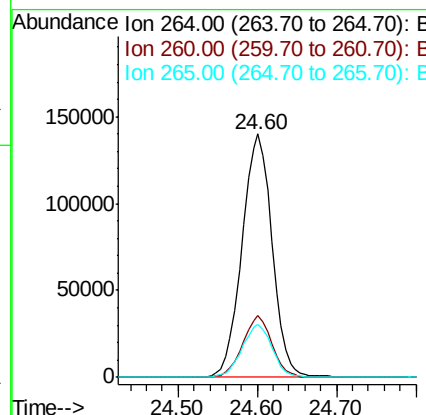
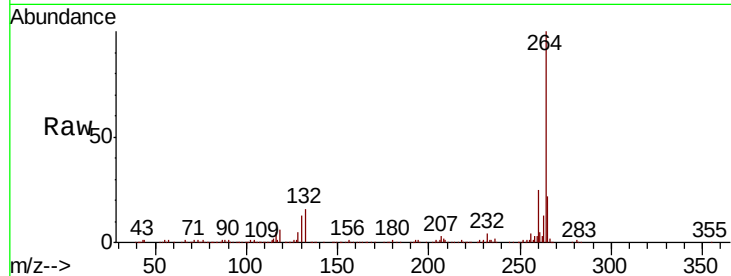
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.4	29.2
265	21.8	16.7	25.1

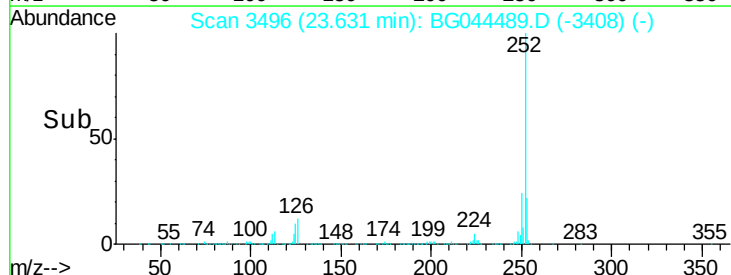
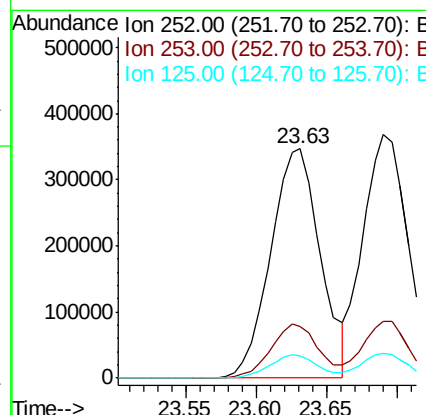
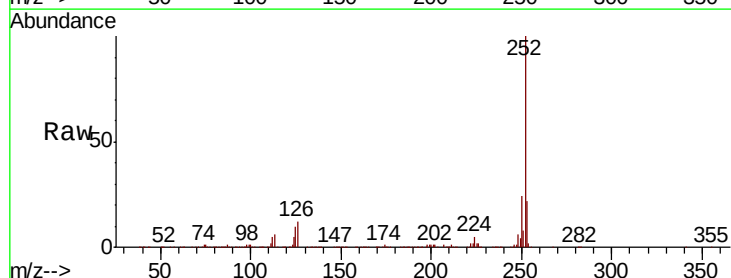
Manual Integrations
APPROVED

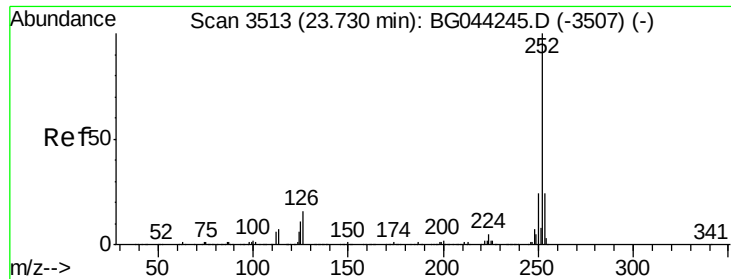
mohammad
2/20/2020 3:11:37 PM



#88
Benzo(b)fluoranthene
Concen: 39.951 ng
RT: 23.63 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.2	28.8
125	9.8	8.4	12.6





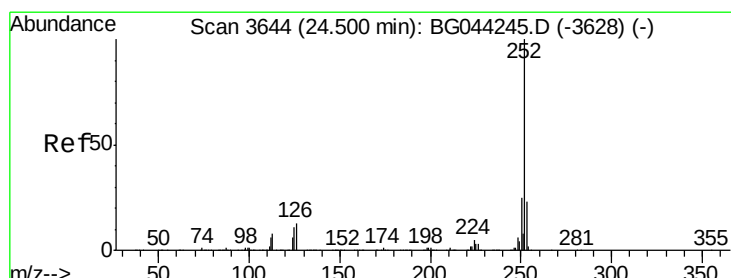
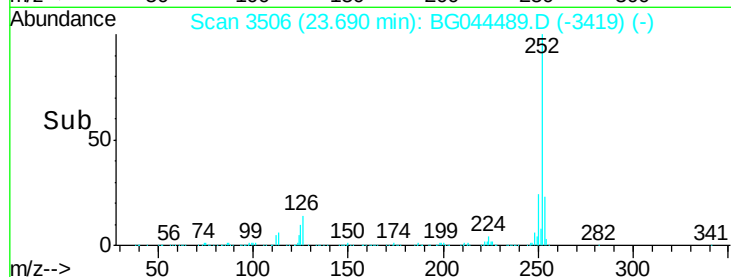
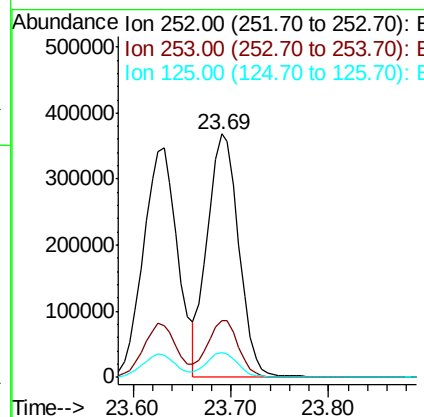
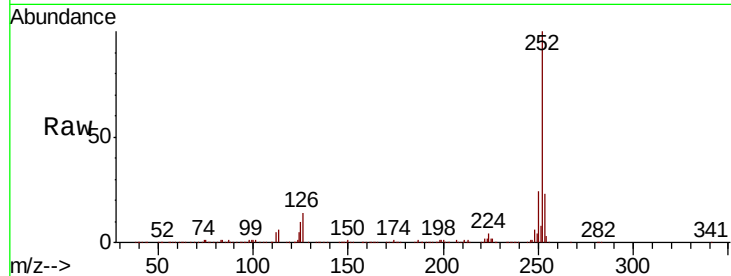
#89
Benzo(k)fluoranthene
Concen: 39.441 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.02 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB126885BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.1	28.7
125	10.0	8.6	12.8

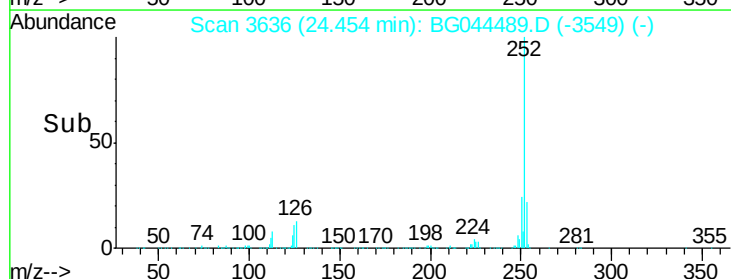
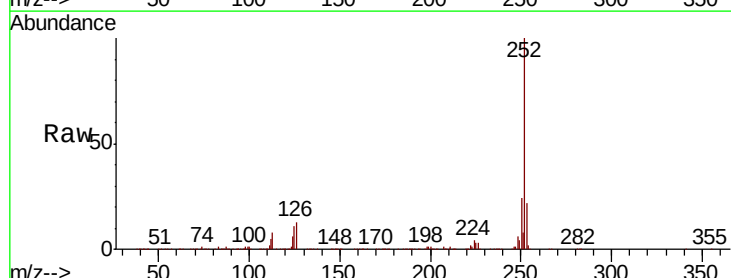
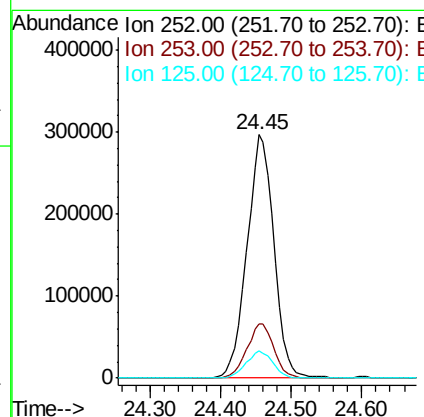
Manual Integrations
APPROVED

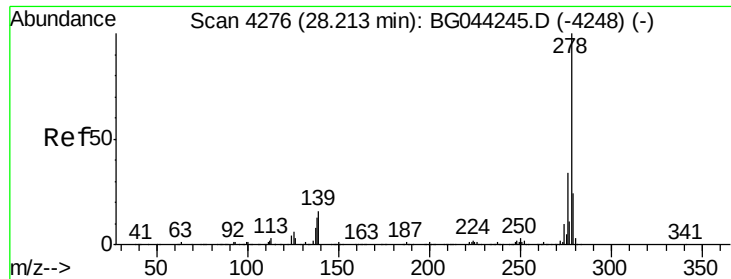
mohammad
2/20/2020 3:11:37 PM



#90
Benzo(a)pyrene
Concen: 39.107 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.02 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.0	8.6	13.0





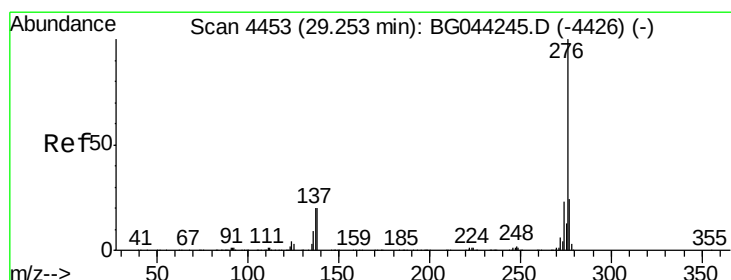
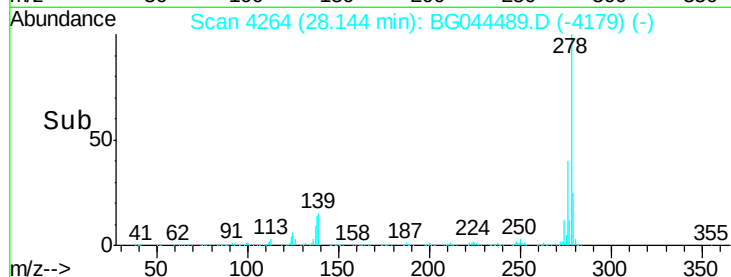
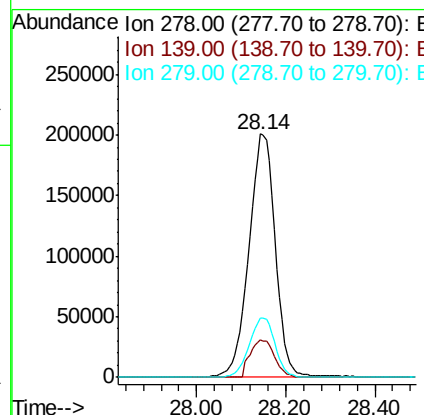
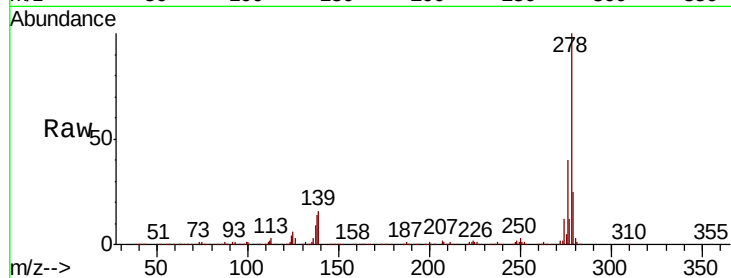
#91
Dibenzo(a,h)anthracene
Concen: 40.788 ng
RT: 28.14 min Scan# 4264
Delta R.T. -0.03 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampled :
PB126885BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.7	19.1
279	24.5	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:37 PM



#92
Benzo(g,h,i)perylene
Concen: 41.589 ng
RT: 29.18 min Scan# 4440
Delta R.T. -0.03 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	20.1	16.2	24.2

