

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045338.D
 Acq On : 12 May 2020 21:06
 Operator : CG/JU
 Sample : PB128765BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128765BS

Manual Integrations
 APPROVED

mohammad
 5/14/2020 8:37:28 AM

Quant Time: May 13 01:38:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	59540	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	247102	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	183662	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	443069	20.00	ng	0.00
76) Chrysene-d12	21.63	240	406591	20.00	ng	0.00
87) Perylene-d12	24.79	264	447193	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	428633	118.85	ng	0.00
7) Phenol-d6	7.14	99	596044	111.24	ng	0.00
23) Nitrobenzene-d5	9.13	82	378623	69.91	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	301436	106.24	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	894292	71.40	ng	0.00
79) Terphenyl-d14	19.98	244	1578515	84.62	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.43	88	51897	32.380	ng 96
3) Pyridine	3.82	79	124075	25.143	ng 93
4) n-Nitrosodimethylamine	3.73	42	59313	39.235	ng 90
6) Aniline	7.29	93	168593	24.200	ng 99
8) 2-Chlorophenol	7.54	128	155859	40.212	ng 99
9) Benzaldehyde	7.10	77	119475	39.389	ng 94
10) Phenol	7.17	94	213840	39.881	ng 97
11) bis(2-Chloroethyl)ether	7.39	93	149199	34.949	ng 99
12) 1,3-Dichlorobenzene	7.86	146	165723	36.285	ng 97
13) 1,4-Dichlorobenzene	8.01	146	168715	37.072	ng 98
14) 1,2-Dichlorobenzene	8.33	146	159315	36.591	ng 96
15) Benzyl Alcohol	8.21	79	160244	35.670	ng 91
16) 2,2'-oxybis(1-Chloropropan	8.50	45	139444	33.276	ng 92
17) 2-Methylphenol	8.42	107	146001	35.292	ng 97
18) Hexachloroethane	9.06	117	64511	37.707	ng 97
19) n-Nitroso-di-n-propylamine	8.78	70	130151	34.346	ng 96
20) 3+4-Methylphenols	8.75	107	196969	34.016	ng 95
22) Acetophenone	8.79	105	247827	37.087	ng 99
24) Nitrobenzene	9.18	77	201626	36.322	ng 99
25) Isophorone	9.70	82	375027	33.816	ng 98
26) 2-Nitrophenol	9.89	139	94156	39.378	ng 97
27) 2,4-Dimethylphenol	9.95	122	153130	40.361	ng 96
28) bis(2-Chloroethoxy)methane	10.18	93	206565	35.450	ng 98
29) 2,4-Dichlorophenol	10.43	162	166734	38.059	ng 95
30) 1,2,4-Trichlorobenzene	10.65	180	177353	35.756	ng 96
31) Naphthalene	10.83	128	495578	36.662	ng 99
32) Benzoic acid	10.10	122	83463	29.989	ng 95
33) 4-Chloroaniline	10.94	127	79717	12.645	ng 99
34) Hexachlorobutadiene	11.13	225	120701	35.493	ng 96
35) Caprolactam	11.69	113	65086m	37.329	ng
36) 4-Chloro-3-methylphenol	12.07	107	192269	37.360	ng 96
37) 2-Methylnaphthalene	12.44	142	378321	36.057	ng 96
38) 1-Methylnaphthalene	12.66	142	356769m	36.019	ng
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	209233	35.383	ng 99

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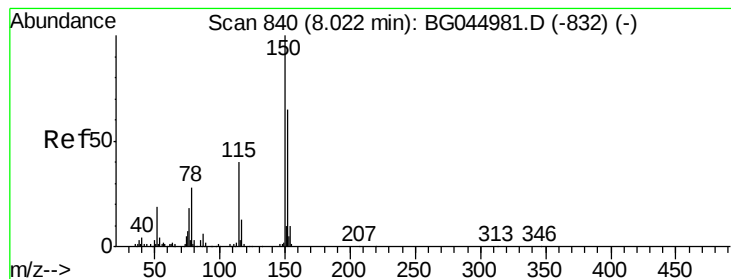
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	285507	77.248	nq	99
43) 2,4,6-Trichlorophenol	13.05	196	150868	36.149	nq	93
44) 2,4,5-Trichlorophenol	13.12	196	167549	35.270	nq	98
46) 1,1'-Biphenyl	13.45	154	488163	34.970	nq	98
47) 2-Chloronaphthalene	13.49	162	373693	35.034	nq	99
48) 2-Nitroaniline	13.69	65	128058	36.489	nq	96
49) Acenaphthylene	14.34	152	629055	36.206	nq	99
50) Dimethylphthalate	14.07	163	537173	35.920	nq	99
51) 2,6-Dinitrotoluene	14.19	165	120215	35.940	nq	95
52) Acenaphthene	14.68	154	476141m	40.504	nq	
53) 3-Nitroaniline	14.52	138	61632	16.800	nq	100
54) 2,4-Dinitrophenol	14.72	184	148796	74.810	nq	91
55) Dibenzofuran	15.02	168	619180	36.128	nq	99
56) 4-Nitrophenol	14.83	139	204022	71.725	nq	96
57) 2,4-Dinitrotoluene	14.97	165	173969	35.589	nq	95
58) Fluorene	15.67	166	511907	36.568	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	162354	38.409	nq	98
60) Diethylphthalate	15.44	149	558714	35.834	nq	99
61) 4-Chlorophenyl-phenylether	15.66	204	280909	34.862	nq	97
62) 4-Nitroaniline	15.68	138	113485	29.825	nq	93
63) Azobenzene	15.95	77	520368	36.200	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	112544	38.644	nq	97
66) n-Nitrosodiphenylamine	15.87	169	457677	35.952	nq	99
67) 4-Bromophenyl-phenylether	16.55	248	198657	34.755	nq	98
68) Hexachlorobenzene	16.68	284	213145	35.955	nq	100
69) Atrazine	16.82	200	179336	37.866	nq	95
70) Pentachlorophenol	17.02	266	251808	69.241	nq	97
71) Phenanthrene	17.41	178	839610	36.877	nq	99
72) Anthracene	17.50	178	869949	38.091	nq	99
73) Carbazole	17.77	167	791486	34.150	nq	98
74) Di-n-butylphthalate	18.33	149	963582	37.132	nq	100
75) Fluoranthene	19.42	202	1054597	38.519	nq	98
77) Benzidine	19.59	184	439445	36.143	nq	98
78) Pyrene	19.78	202	1051192	37.502	nq	98
80) Butylbenzylphthalate	20.67	149	422261	36.342	nq	98
81) Benzo(a)anthracene	21.61	228	991420	37.621	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	212540	20.263	nq	99
83) Chrysene	21.67	228	934246	36.897	nq	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	593758	37.156	nq	97
85) Di-n-octyl phthalate	22.72	149	1005507	36.387	nq	100
86) Indeno(1,2,3-cd)pyrene	28.39	276	1217810	36.226	nq	# 94
88) Benzo(b)fluoranthene	23.79	252	1018941	36.375	nq	99
89) Benzo(k)fluoranthene	23.86	252	1021847	38.359	nq	98
90) Benzo(a)pyrene	24.64	252	948074	35.847	nq	# 98
91) Dibenzo(a,h)anthracene	28.44	278	998609	37.471	nq	96
92) Benzo(g,h,i)perylene	29.50	276	1020803	38.206	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Instrument :

BNA_G

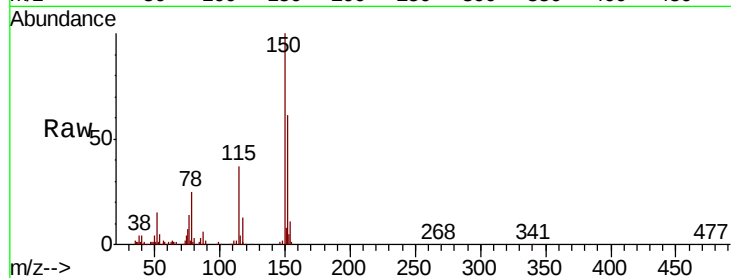
ClientSampleId :

PB128765BS

Tot Ion:	152	Resp:	59540
Ion Ratio	Lower	Upper	
152	100		
150	163.6	123.6	185.4
115	60.8	49.1	73.7

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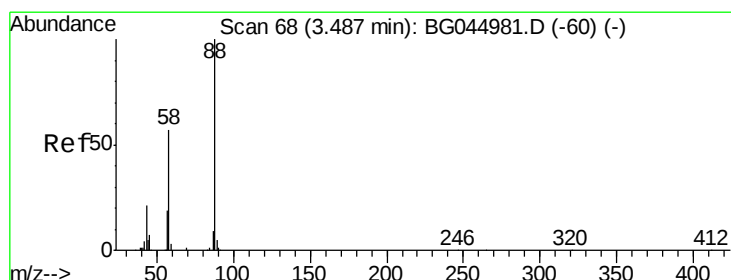
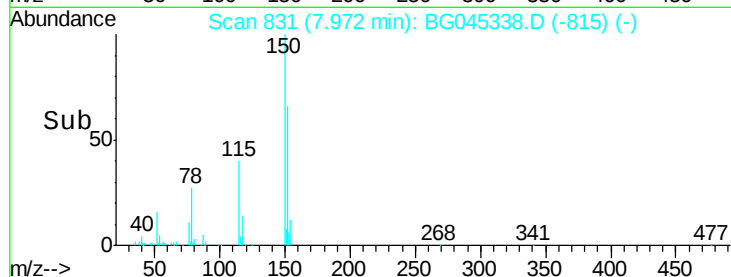
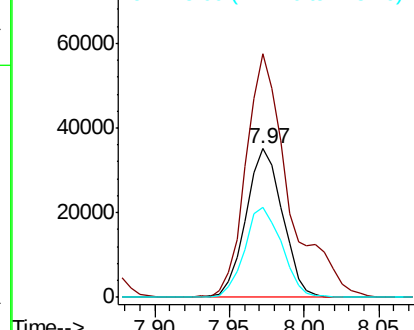


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.380 ng

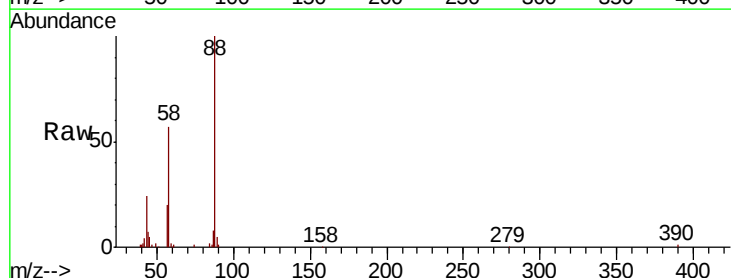
RT: 3.43 min Scan# 57

Delta R.T. 0.00 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Tgt Ion:	88	Resp:	51897
Ion Ratio	Lower	Upper	
88	100		
58	62.2	46.6	69.8
43	21.3	17.5	26.3

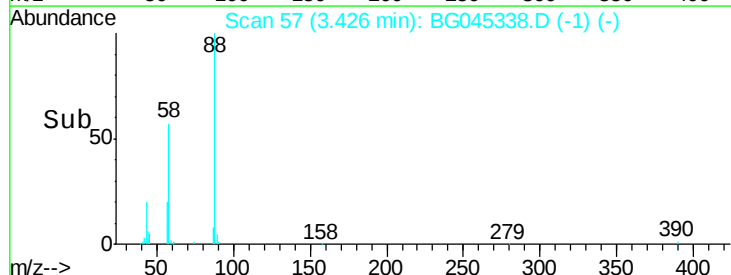
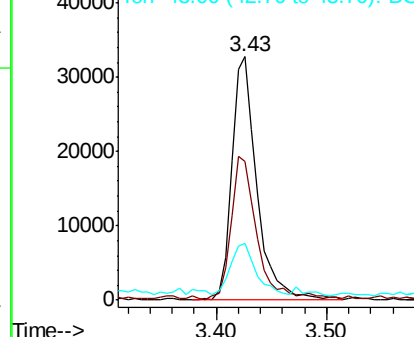


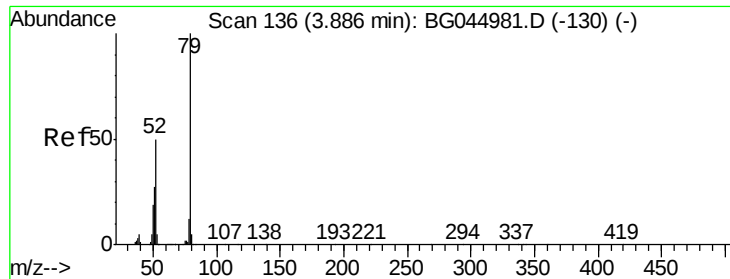
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.143 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Instrument :

BNA_G

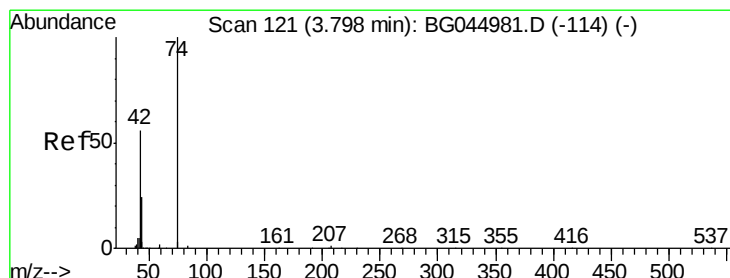
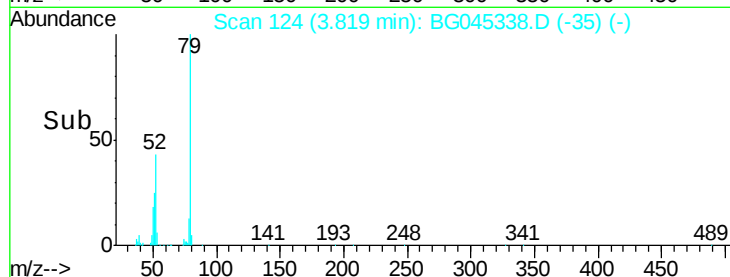
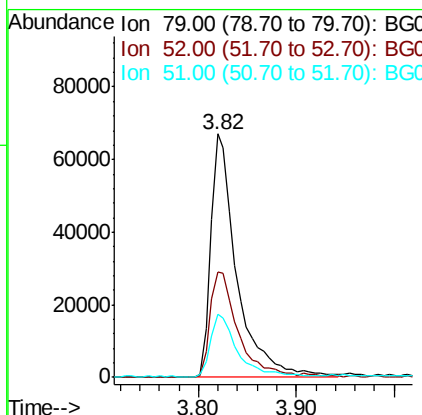
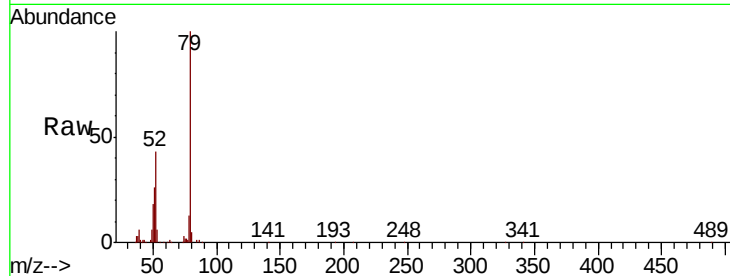
ClientSampleId :

PB128765BS

Tot Ion:	79	Resp:	124075
Ion	Ratio	Lower	Upper
79	100		
52	43.1	39.8	59.6
51	25.9	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 39.235 ng

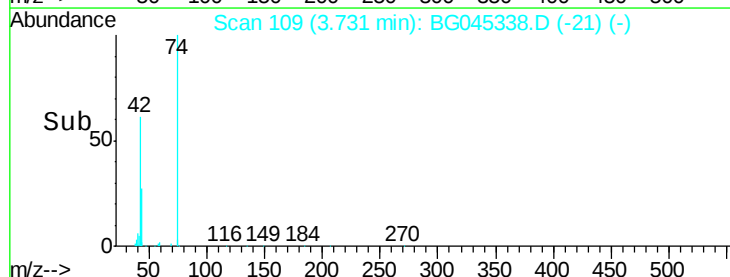
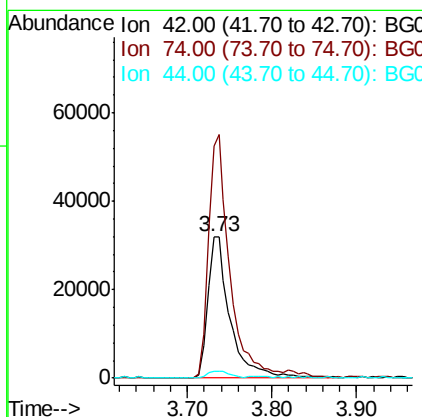
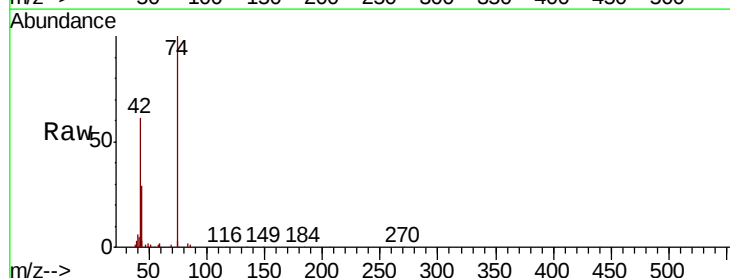
RT: 3.73 min Scan# 109

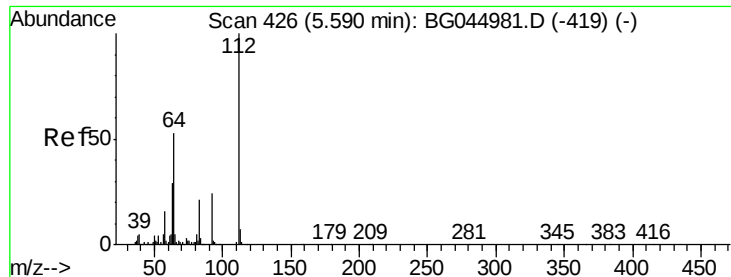
Delta R.T. -0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Tgt Ion:	42	Resp:	59313
Ion	Ratio	Lower	Upper
42	100		
74	164.3	143.0	214.6
44	4.6	4.6	6.8





#5

2-Fluorophenol

Concen: 118.853 ng

RT: 5.55 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Instrument :

BNA_G

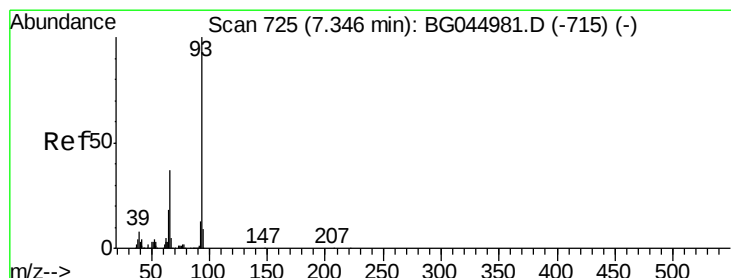
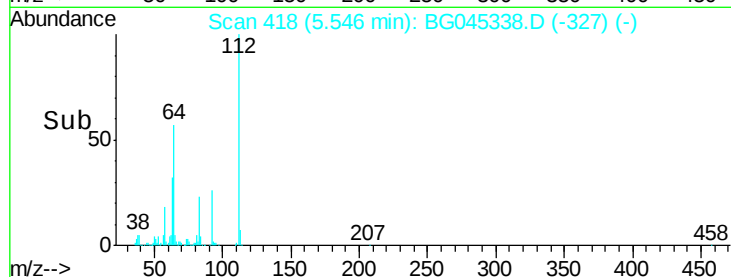
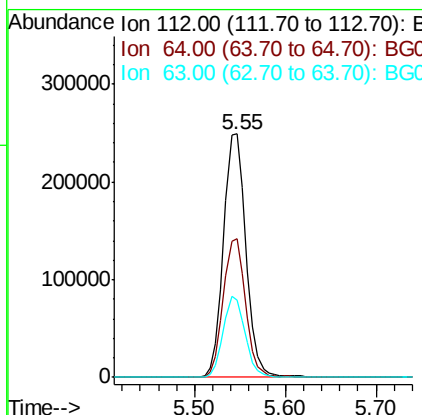
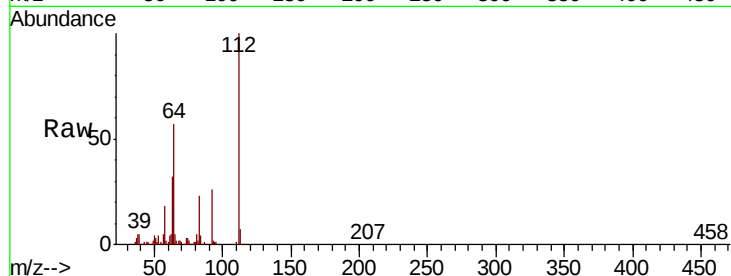
ClientSampleId :

PB128765BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		428633		
64	57.1	42.4	63.6		
63	31.5	23.1	34.7		

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#6

Aniline

Concen: 24.200 ng

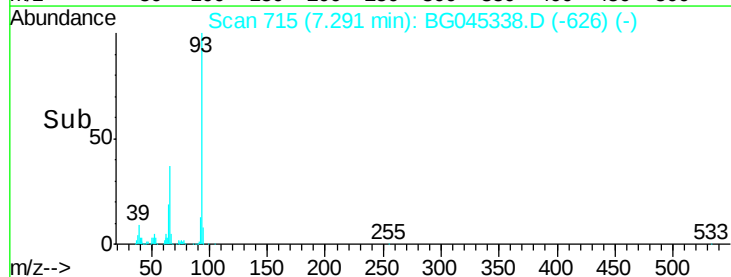
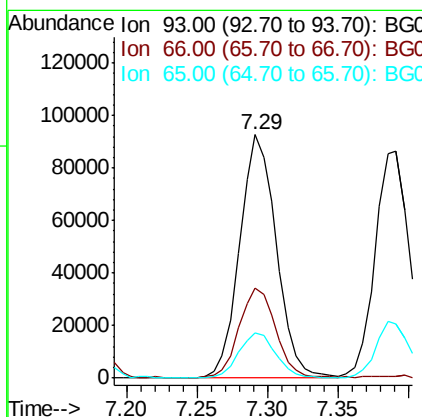
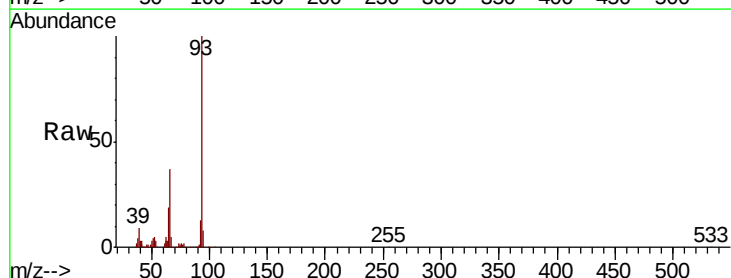
RT: 7.29 min Scan# 715

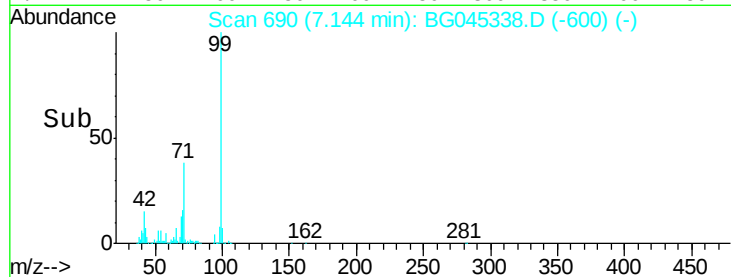
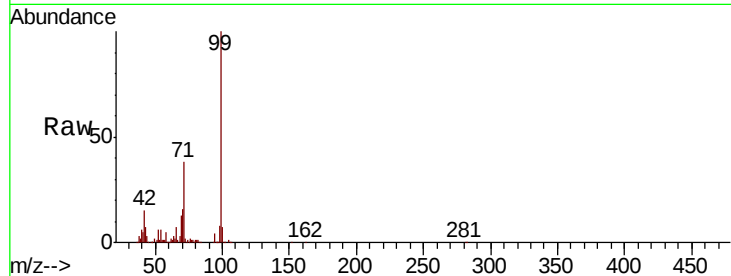
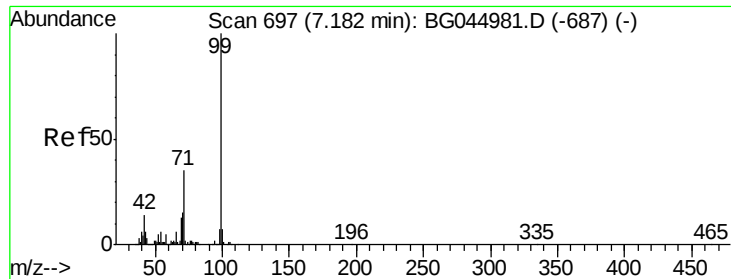
Delta R.T. -0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		168593		
66	36.7	29.8	44.8		
65	18.6	14.6	22.0		





#7

Phenol-d6

Concen: 111.239 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		596044		
42	14.6	11.3	16.9		
71	37.9	28.3	42.5		

Instrument :

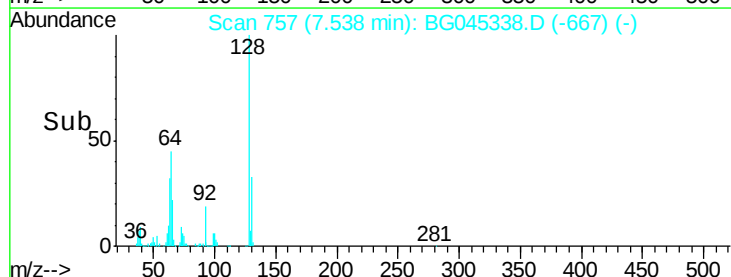
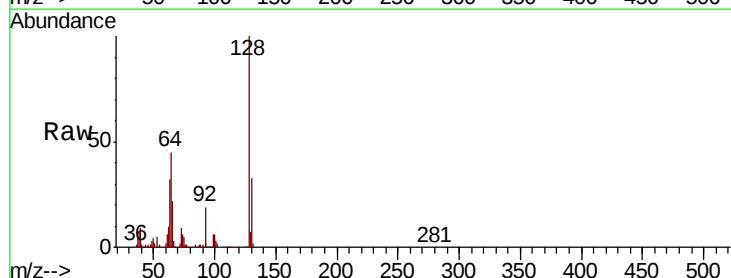
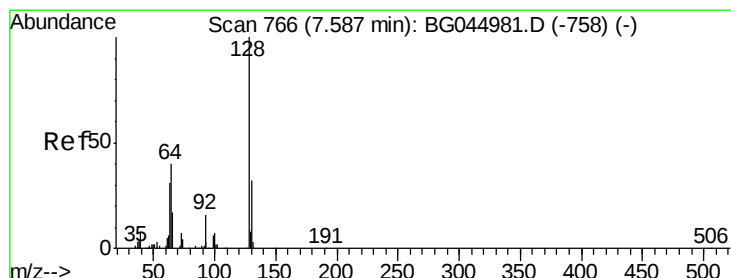
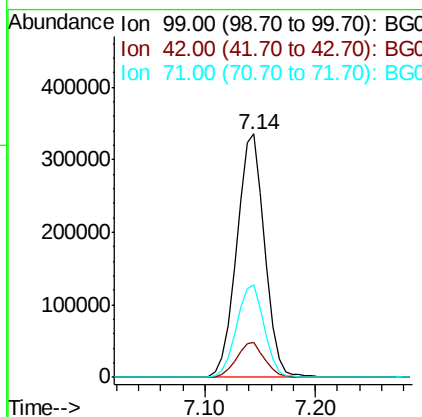
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#8

2-Chlorophenol

Concen: 40.212 ng

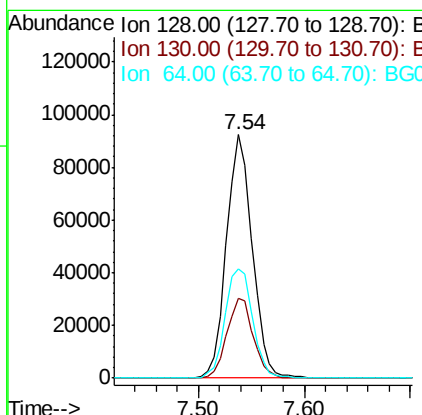
RT: 7.54 min Scan# 757

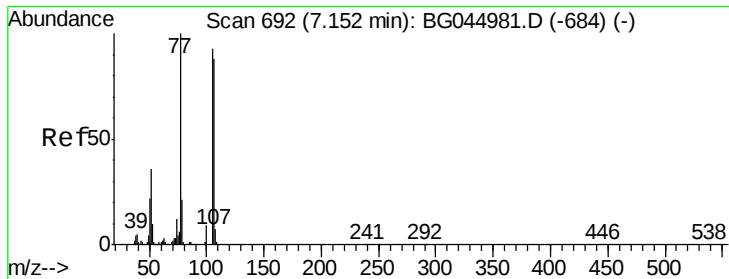
Delta R.T. 0.00 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		155859		
130	32.9	12.3	52.3		
64	45.1	24.4	64.4		





#9

Benzaldehyde

Concen: 39.389 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Instrument :

BNA_G

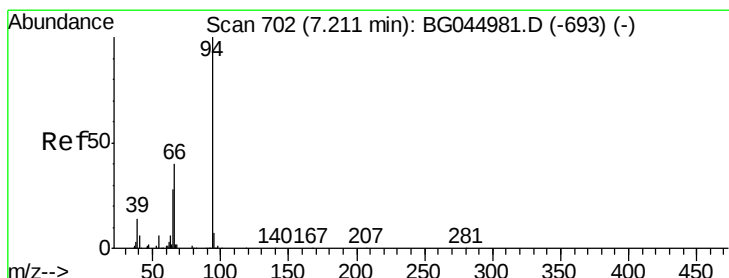
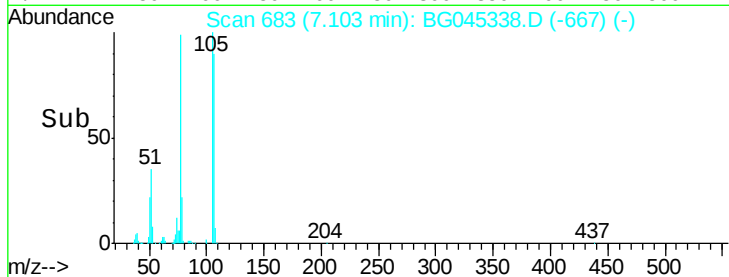
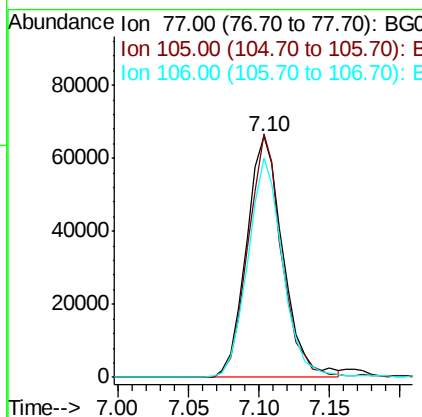
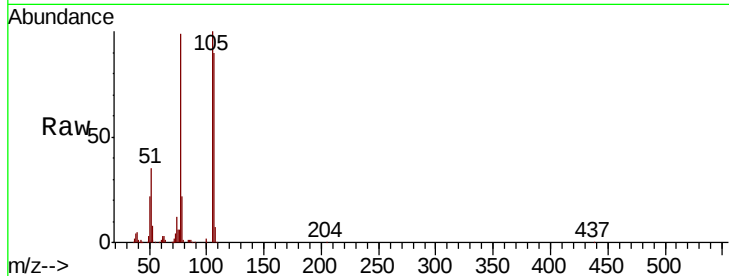
ClientSampleId :

PB128765BS

Tot Ion:	77	Resp:	119475
Ion Ratio	Lower	Upper	
77	100		
105	101.1	72.9	112.9
106	91.2	67.6	107.6

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#10

Phenol

Concen: 39.881 ng

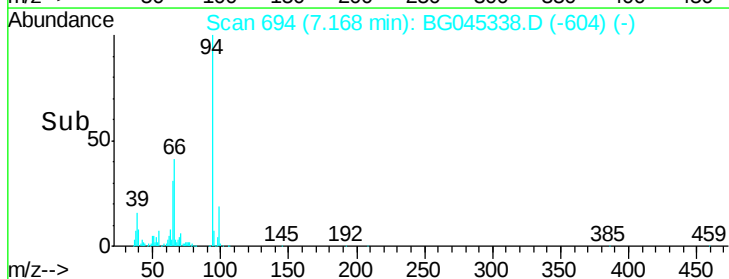
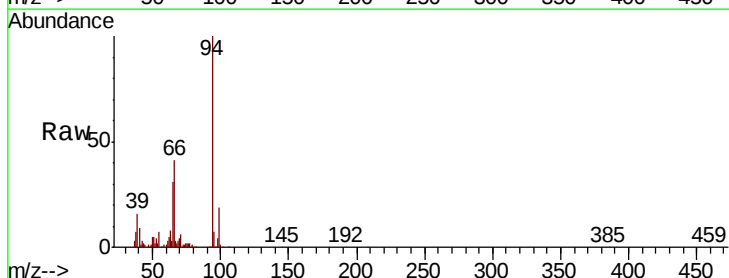
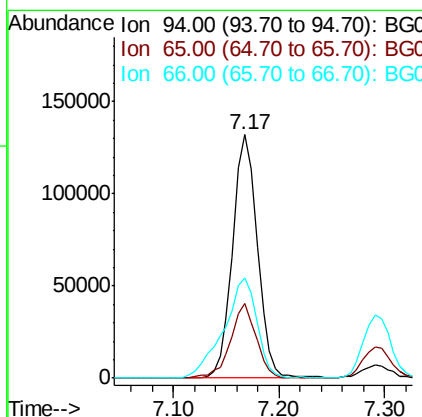
RT: 7.17 min Scan# 694

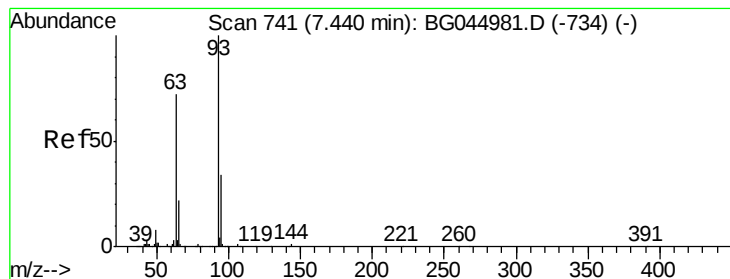
Delta R.T. 0.00 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Tgt Ion:	94	Resp:	213840
Ion Ratio	Lower	Upper	
94	100		
65	30.8	8.2	48.2
66	41.4	20.4	60.4





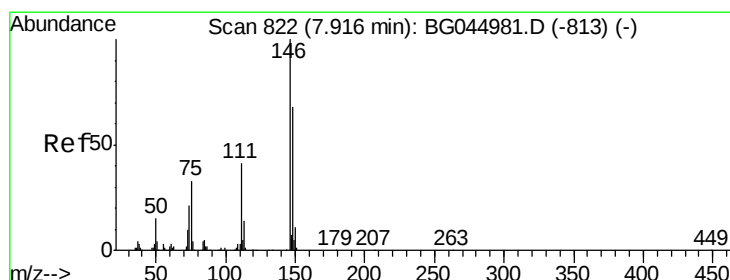
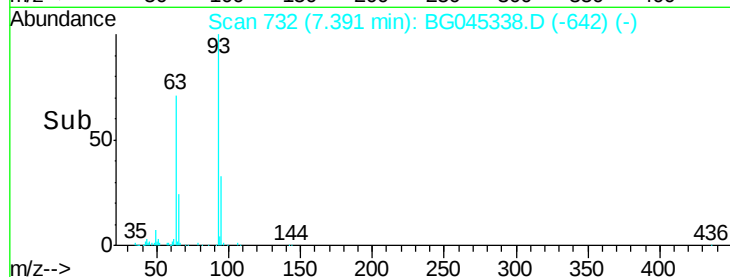
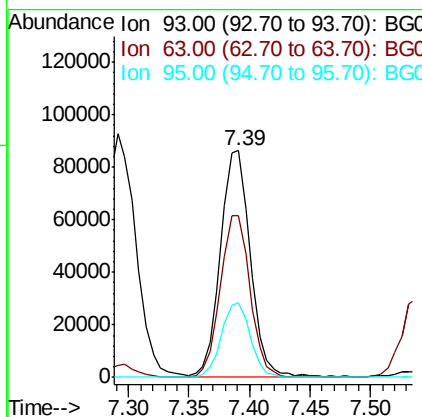
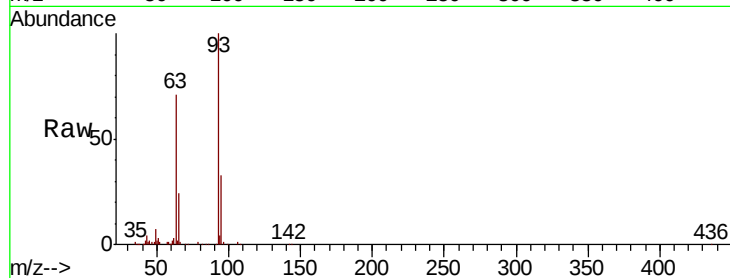
#11
bis(2-Chloroethyl)ether
Concen: 34.949 ng
RT: 7.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	149199		
63	71.1		51.8	91.8
95	32.9		13.8	53.8

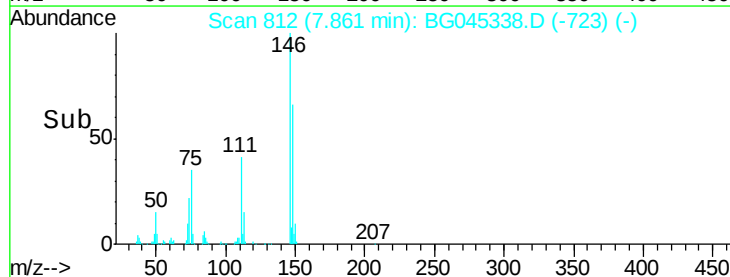
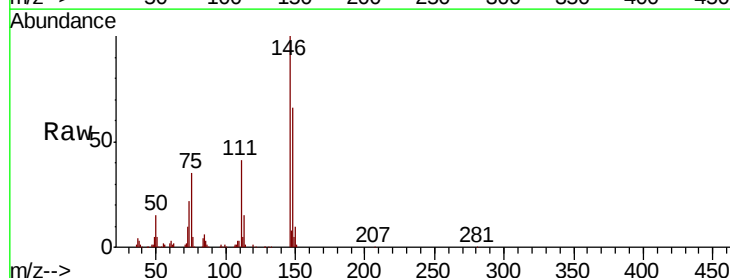
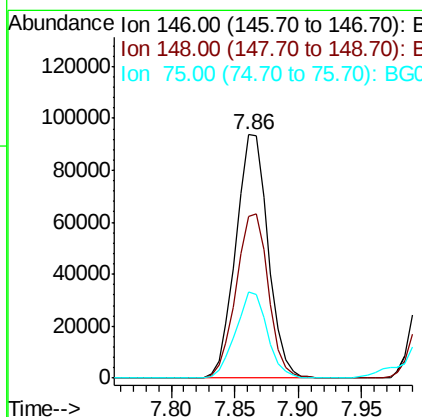
Manual Integrations
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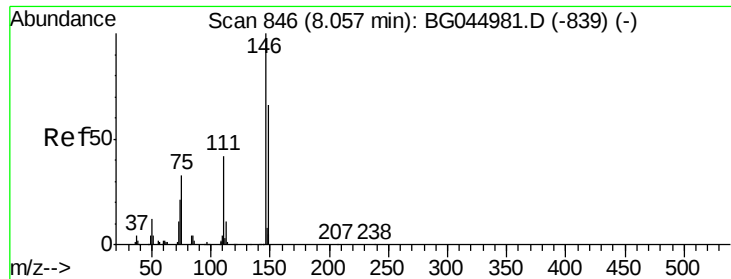
mohammad
5/14/2020 8:37:28 AM



#12
1,3-Dichlorobenzene
Concen: 36.285 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	165723		
148	66.3		54.6	81.8
75	35.3		26.0	39.0





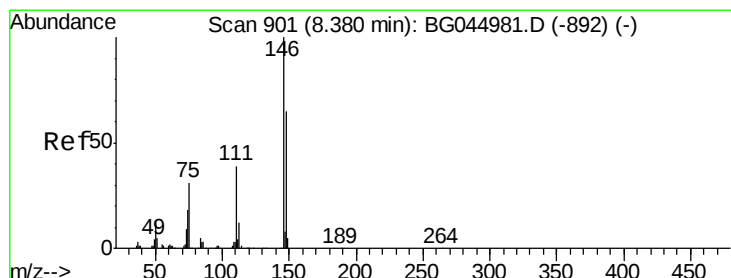
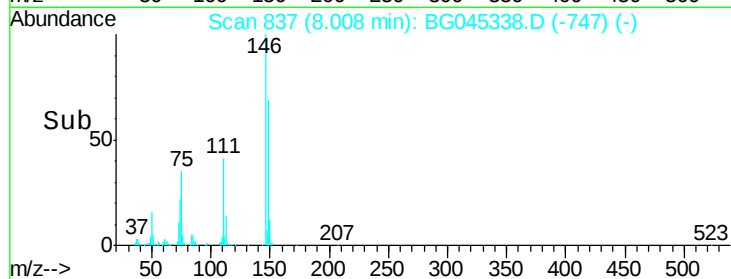
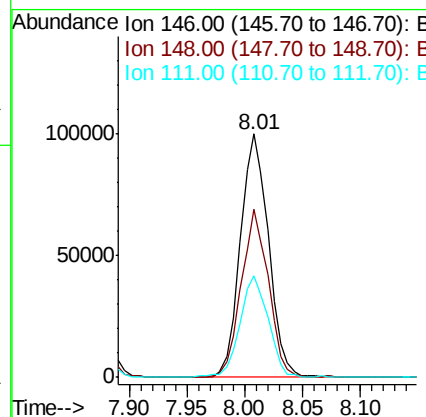
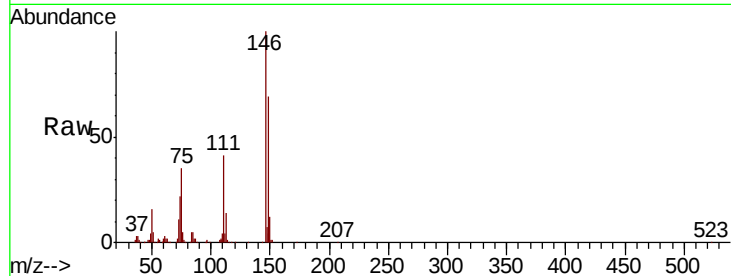
#13
 1,4-Dichlorobenzene
 Concen: 37.072 ng
 RT: 8.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB128765BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.9	53.3	79.9
111	41.5	33.8	50.8

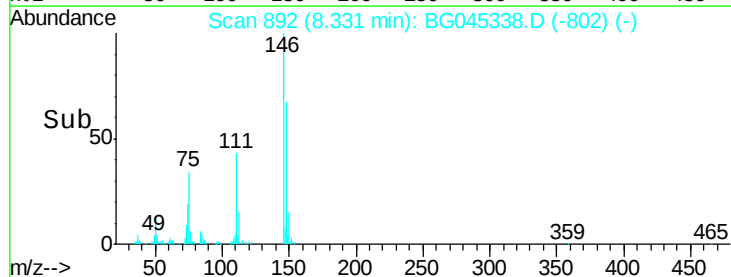
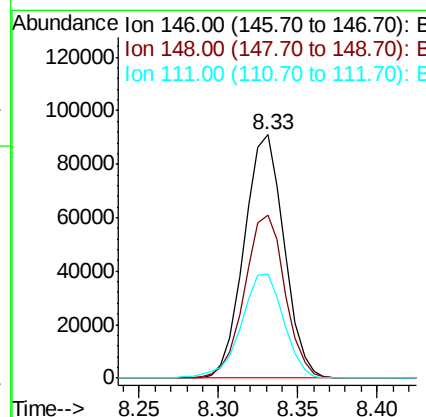
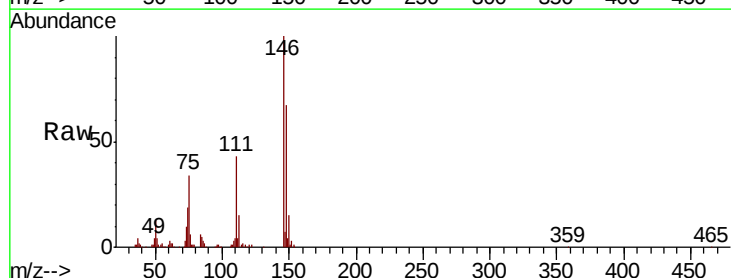
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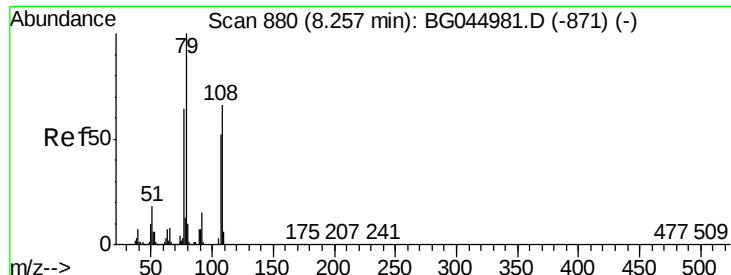
mohammad
 5/14/2020 8:37:28 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.591 ng
 RT: 8.33 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	51.9	77.9
111	42.9	31.3	46.9





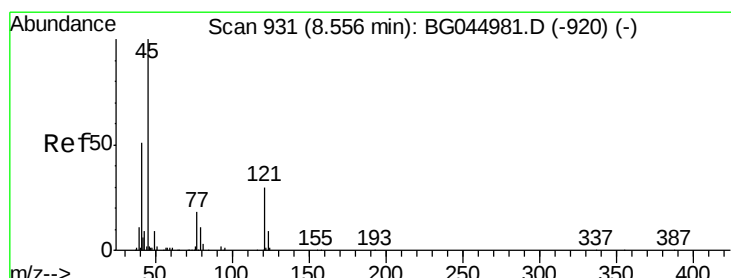
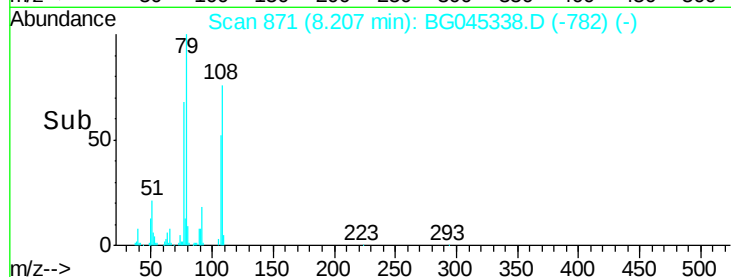
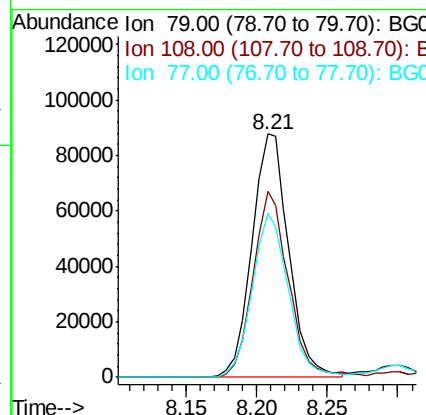
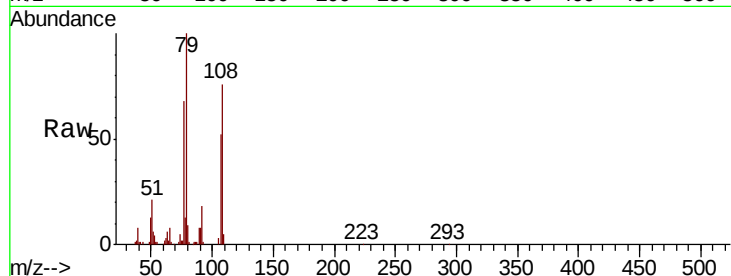
#15
Benzyl Alcohol
Concen: 35.670 ng
RT: 8.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.3	52.7	79.1
77	67.6	51.3	76.9

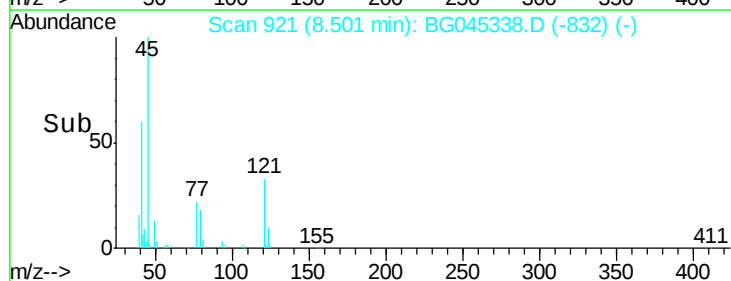
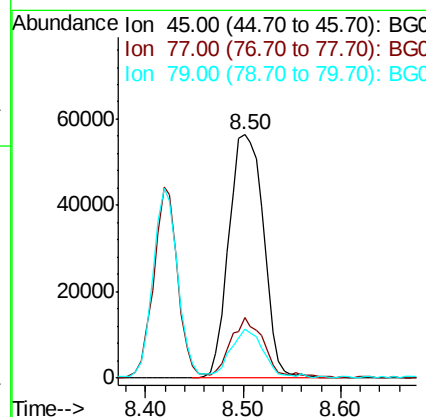
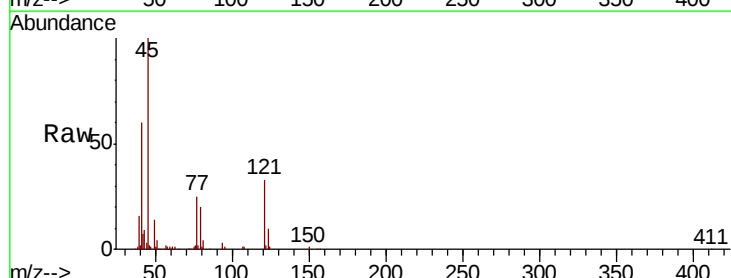
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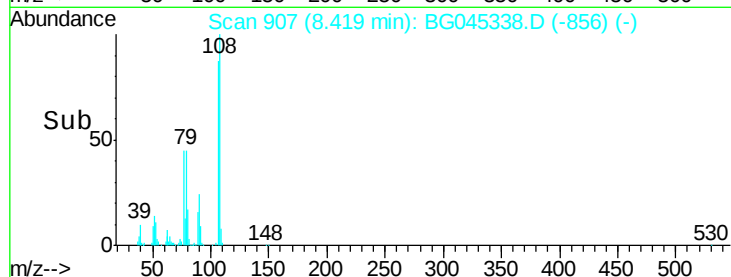
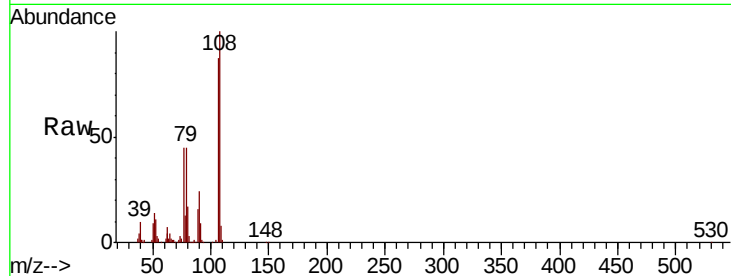
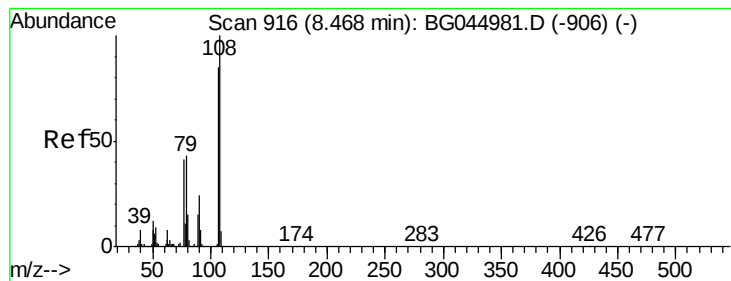
mohammad
5/14/2020 8:37:28 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.276 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.8	1.9	41.9
79	20.2	0.0	35.5





#17

2-Methylphenol

Concen: 35.292 ng

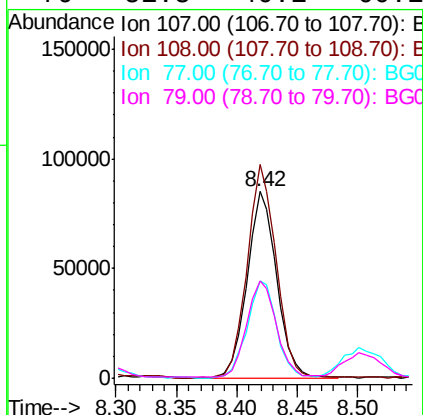
RT: 8.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Tot Ion	107	Resp	146001
Ion Ratio	Lower	Upper	
107	100		
108	114.4	93.8	140.6
77	51.9	38.5	57.7
79	51.8	40.1	60.1



Instrument :

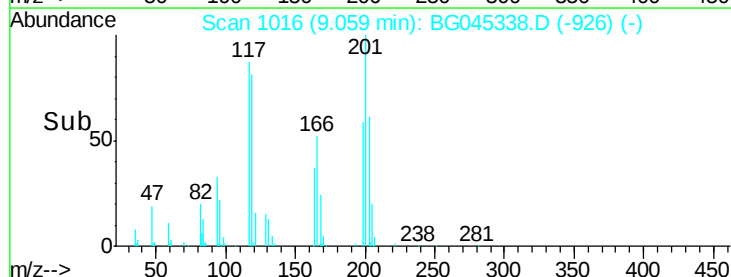
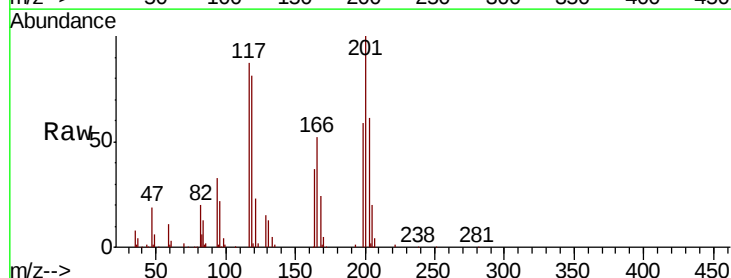
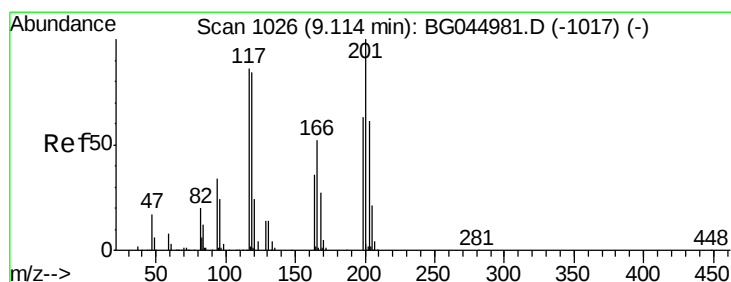
BNA_G

ClientSampleId :

PB128765BS

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#18

Hexachloroethane

Concen: 37.707 ng

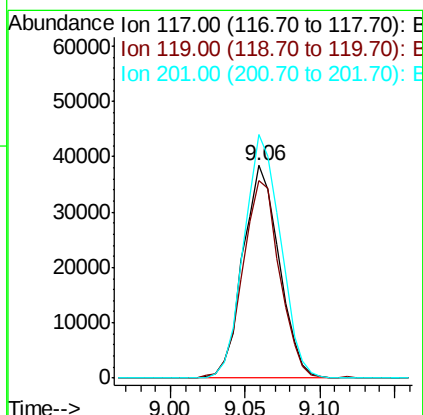
RT: 9.06 min Scan# 1016

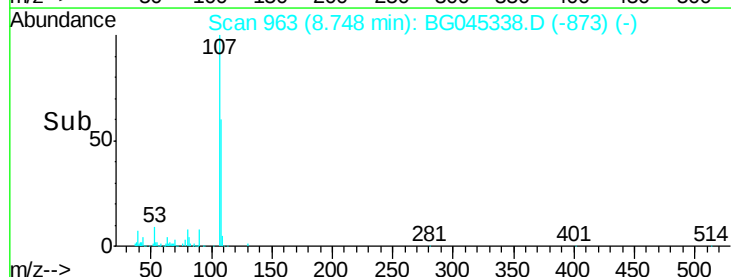
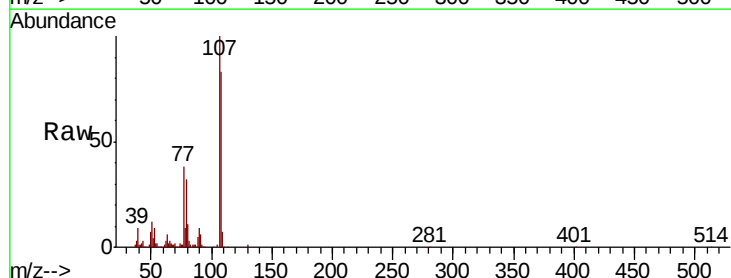
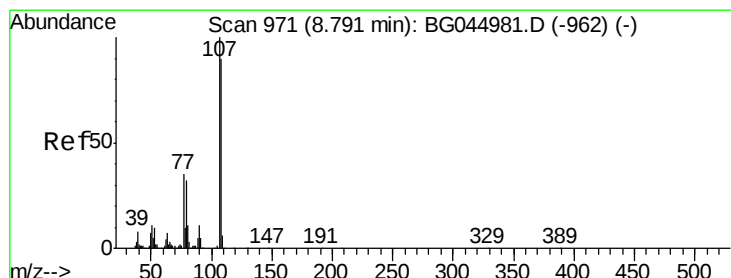
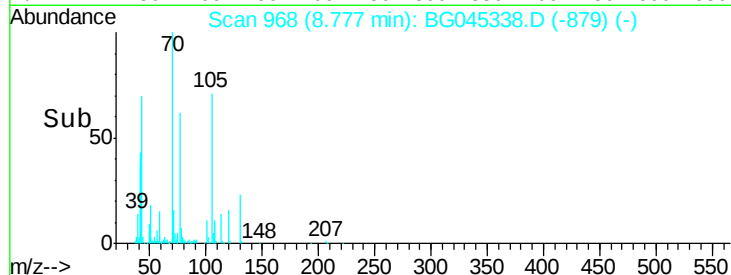
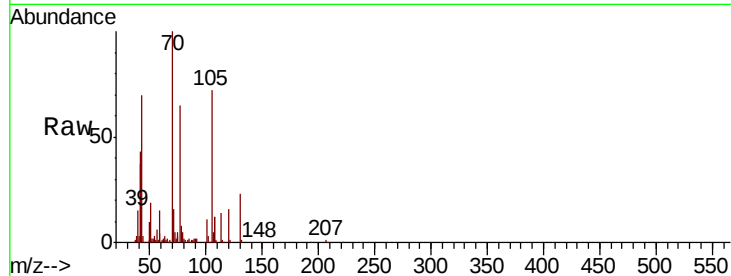
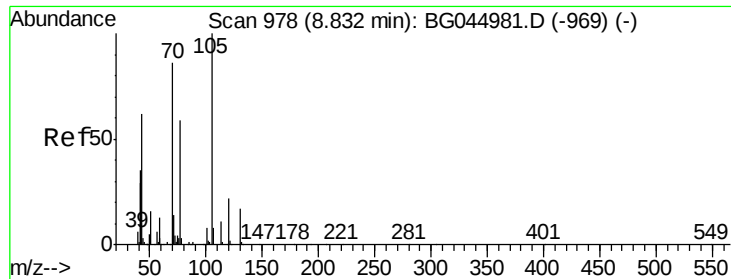
Delta R.T. 0.00 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

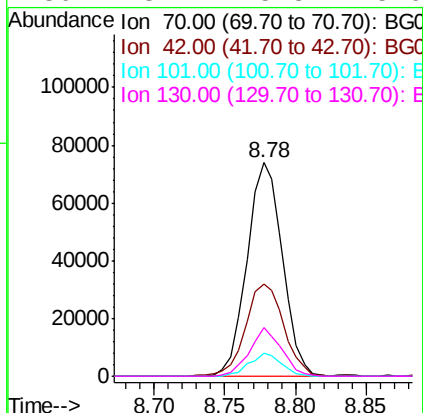
Tgt Ion	117	Resp	64511
Ion Ratio	Lower	Upper	
117	100		
119	92.8	78.3	117.5
201	114.6	92.9	139.3





#19
n-Nitroso-di-n-propylamine
Concen: 34.346 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	43.0	33.3	49.9		
101	10.6	7.8	11.8		
130	23.1	15.8	23.6		



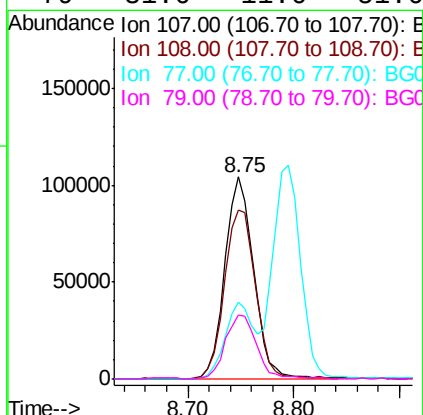
Instrument :
BNA_G
ClientSampleId :
PB128765BS

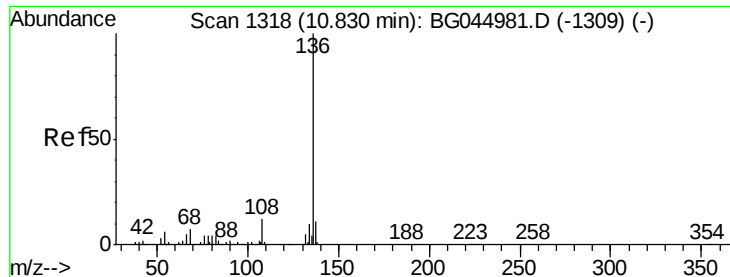
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#20
3+4-Methylphenols
Concen: 34.016 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	83.5	69.9	109.9		
77	38.1	15.2	55.2		
79	31.6	11.6	51.6		





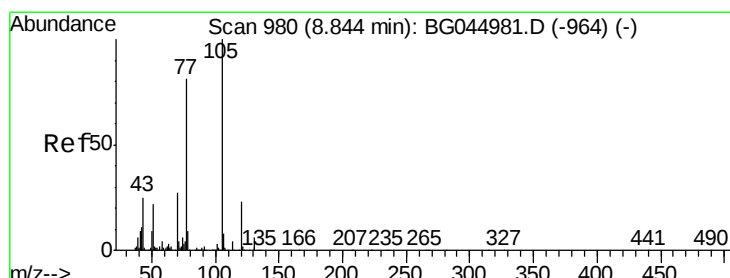
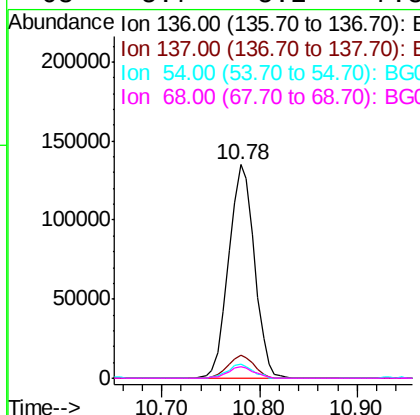
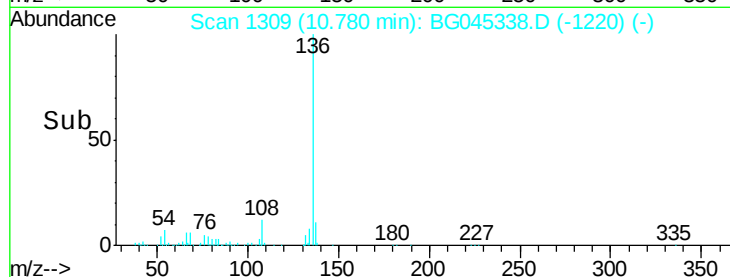
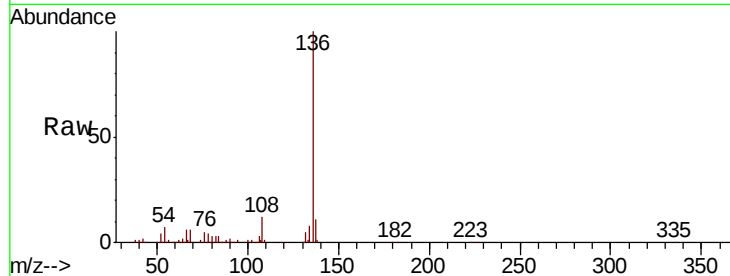
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.6	8.6	13.0		
54	6.5	4.8	7.2		
68	5.7	5.2	7.8		

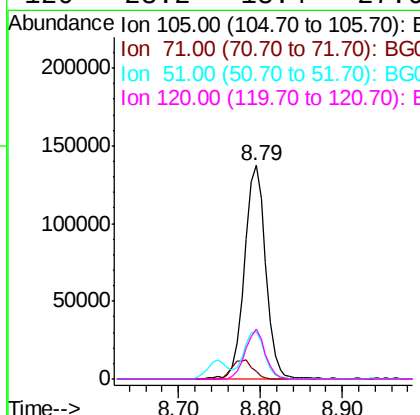
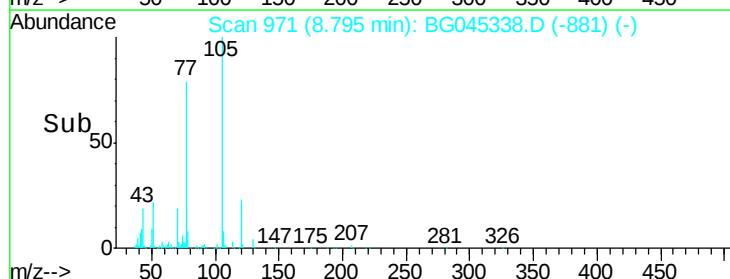
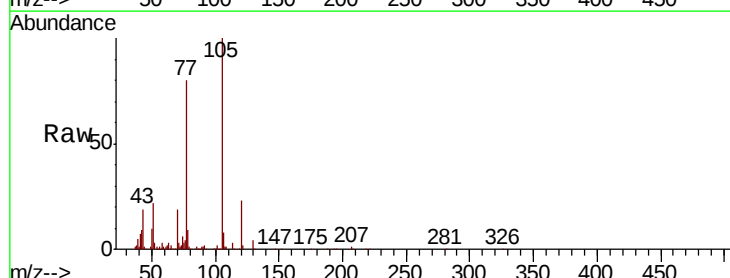
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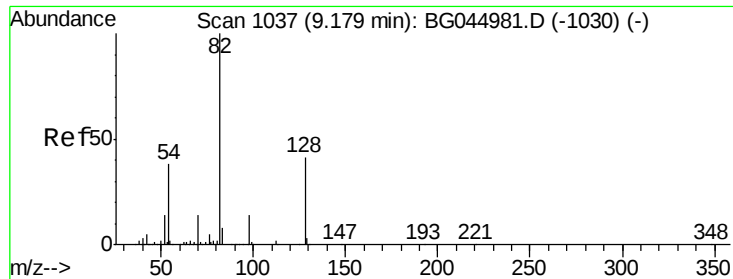
mohammad
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#22
Acetophenone
Concen: 37.087 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	3.3	3.3	4.9		
51	22.1	17.3	25.9		
120	23.2	18.4	27.6		





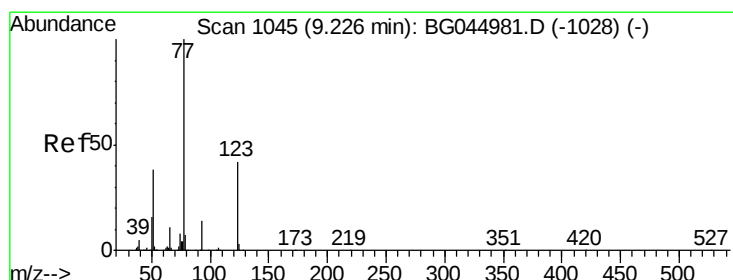
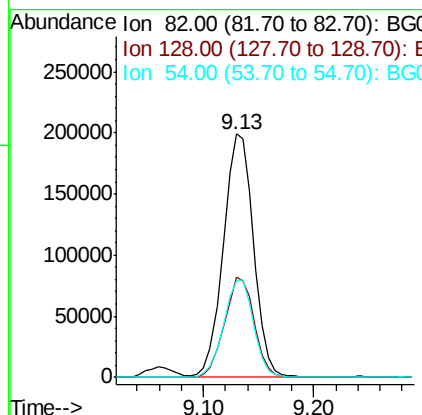
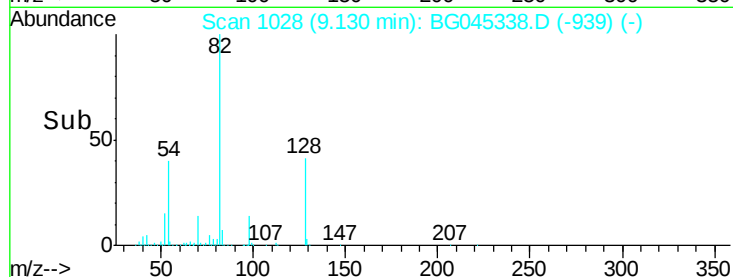
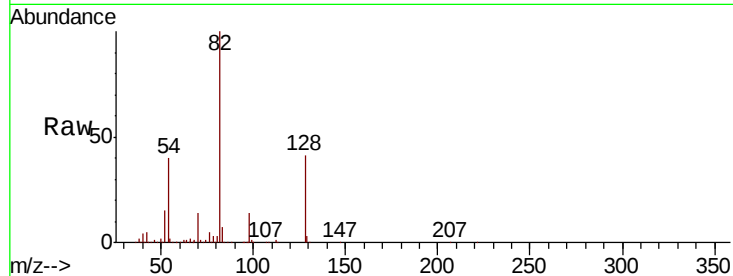
#23
Nitrobenzene-d5
Concen: 69.915 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.0	49.4
54	39.5	30.4	45.6

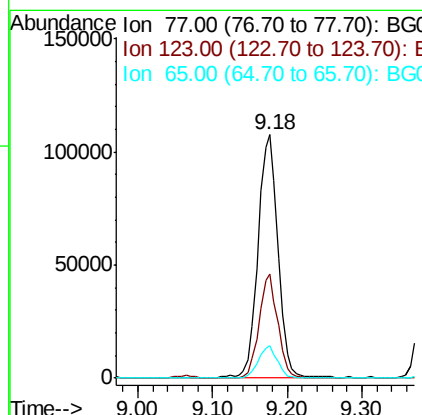
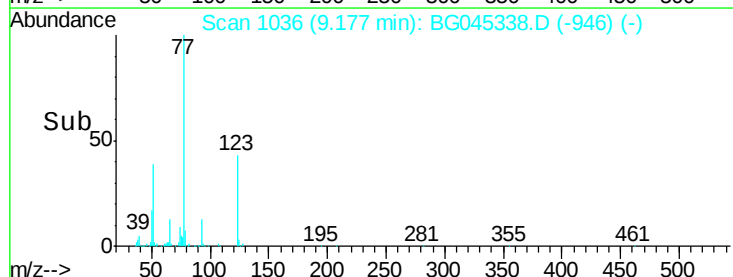
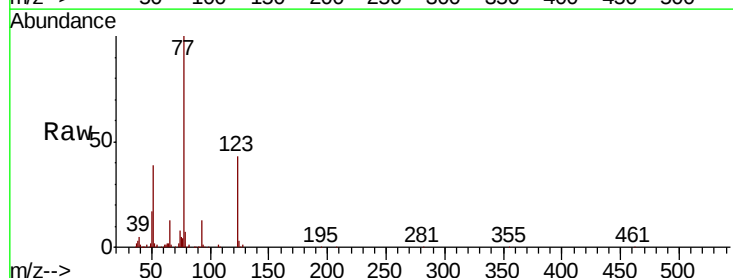
Manual Integrations
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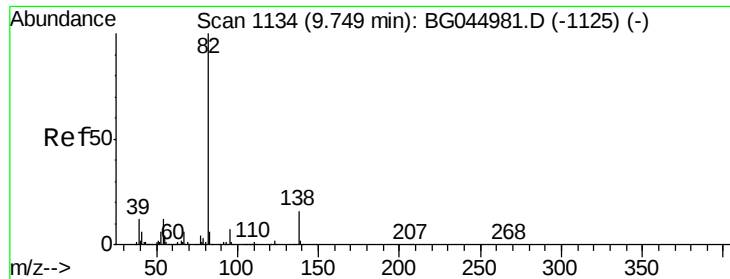
mohammad
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#24
Nitrobenzene
Concen: 36.322 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	34.3	51.5
65	13.2	8.9	13.3





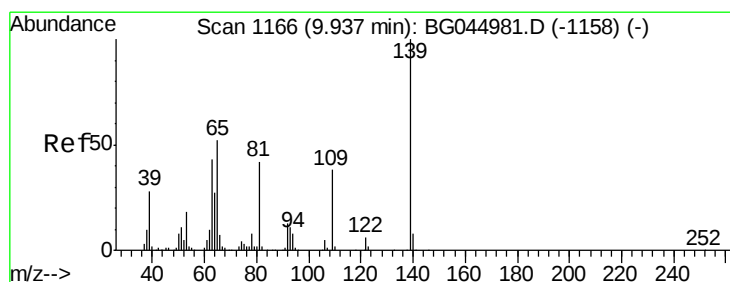
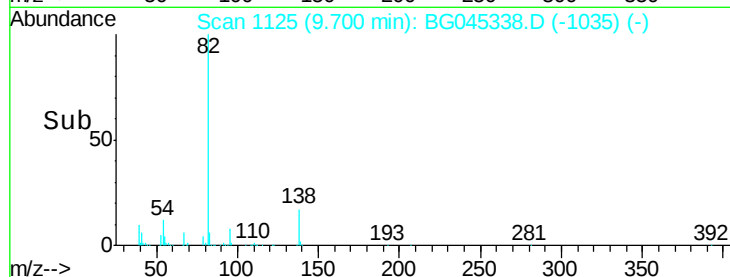
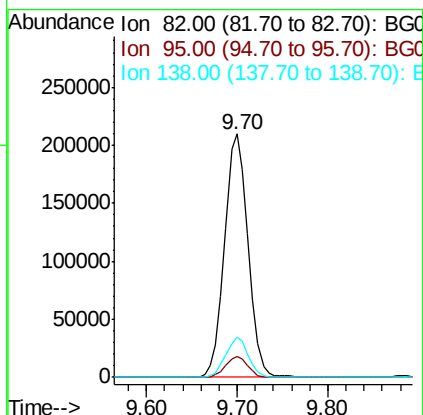
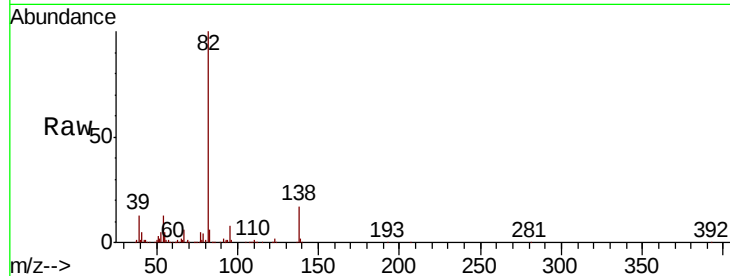
#25
Isophorone
Concen: 33.816 ng
RT: 9.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	375027		
95	8.4	6.0	9.0	
138	16.7	12.7	19.1	

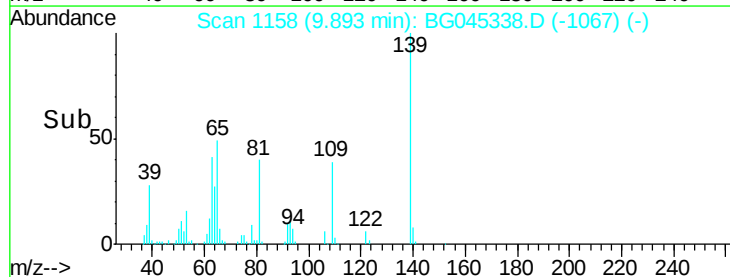
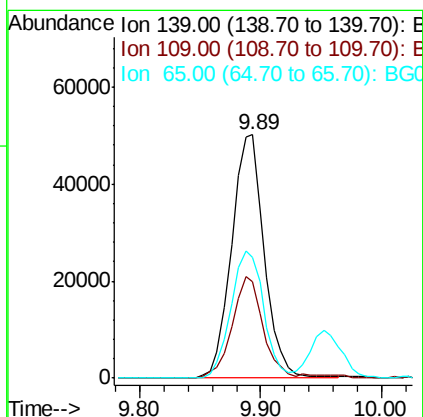
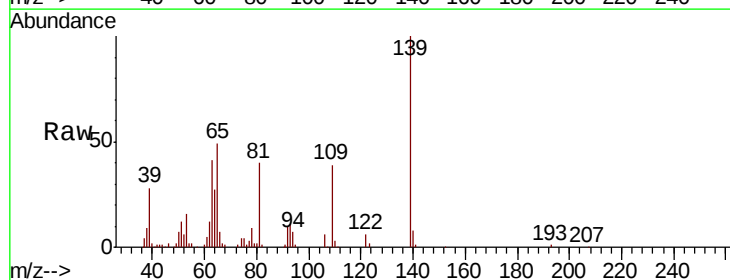
Manual Integrations
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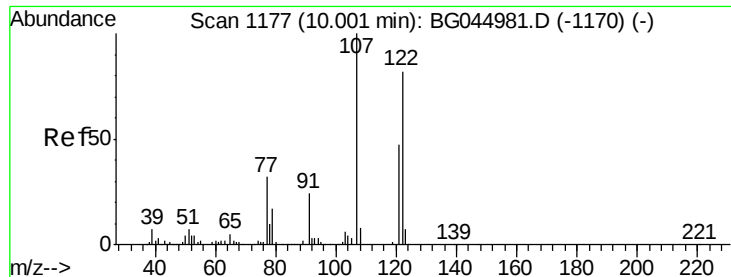
mohammad
5/14/2020 8:37:28 AM



#26
2-Nitrophenol
Concen: 39.378 ng
RT: 9.89 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	94156		
109	39.4	30.6	45.8	
65	49.5	41.8	62.6	





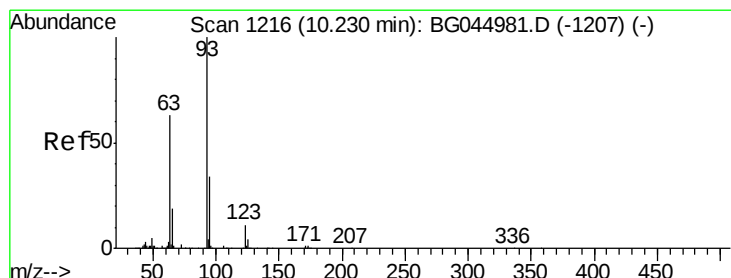
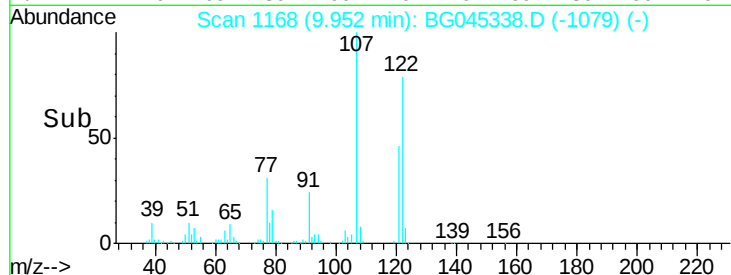
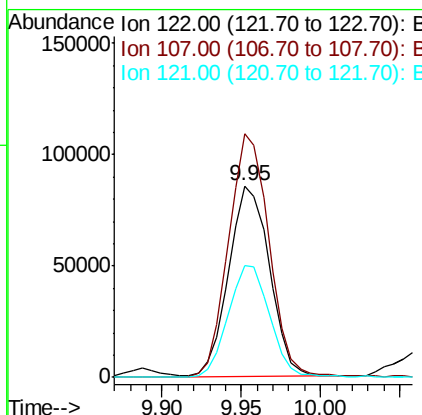
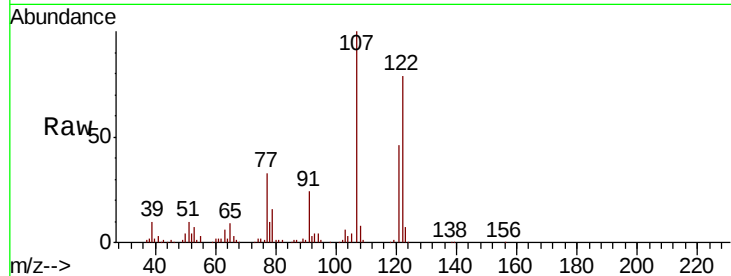
#27
 2,4-Dimethylphenol
 Concen: 40.361 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB128765BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	153130		
107	127.0	96.8	145.2	
121	58.6	45.6	68.4	

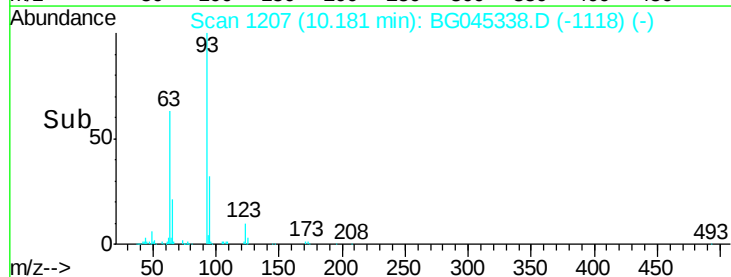
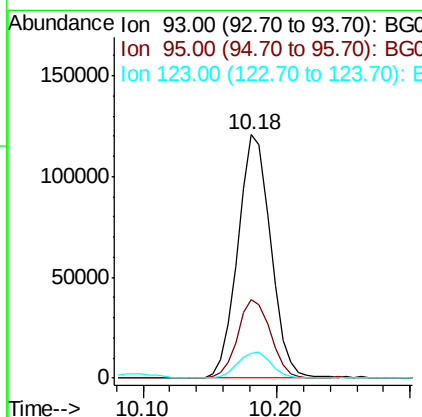
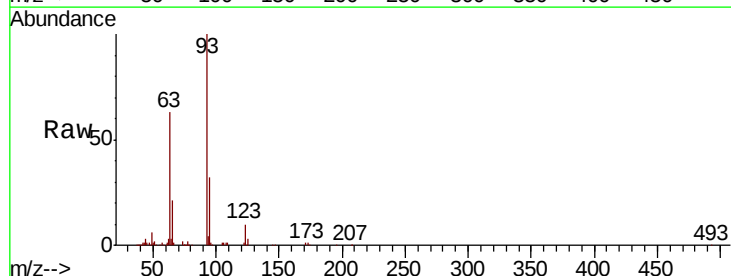
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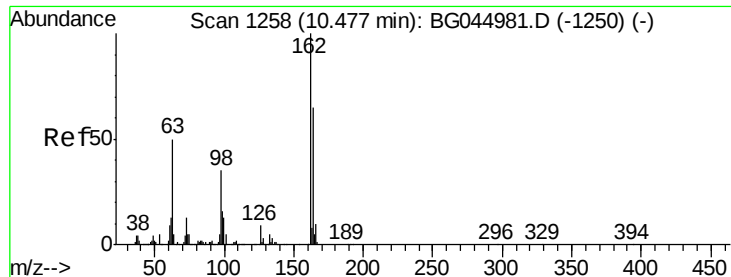
mohammad
 5/14/2020 8:37:28 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.450 ng
 RT: 10.18 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	206565		
95	32.4	27.0	40.4	
123	10.3	8.7	13.1	





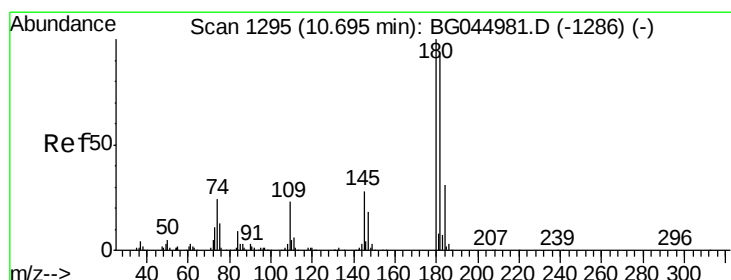
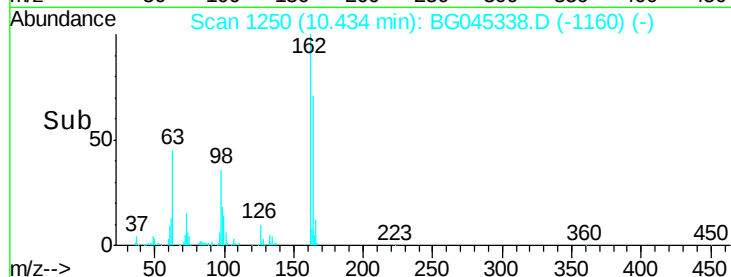
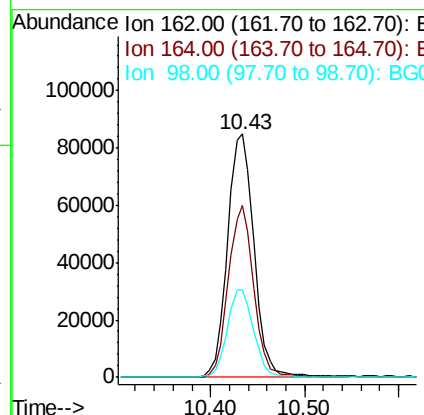
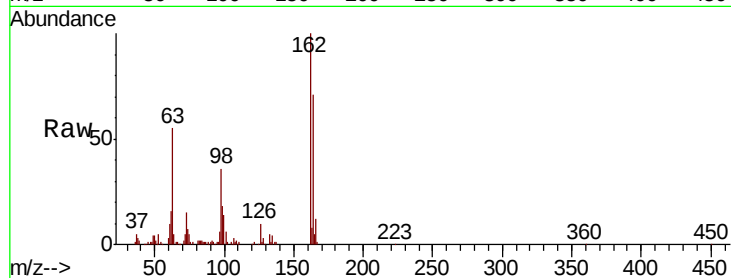
#29
2,4-Dichlorophenol
Concen: 38.059 ng
RT: 10.43 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	166734		
164	70.7	45.0	85.0	
98	36.0	15.2	55.2	

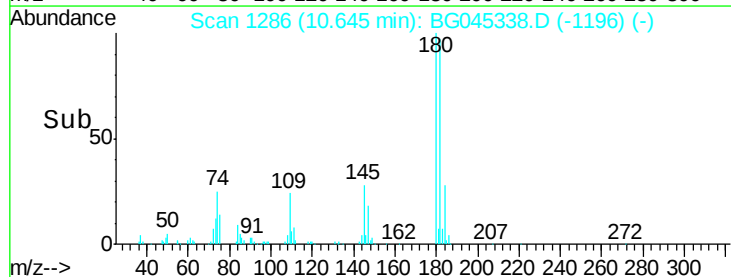
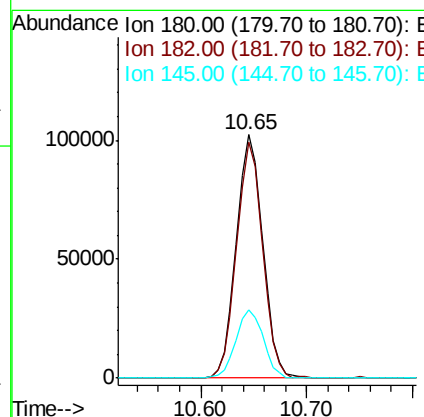
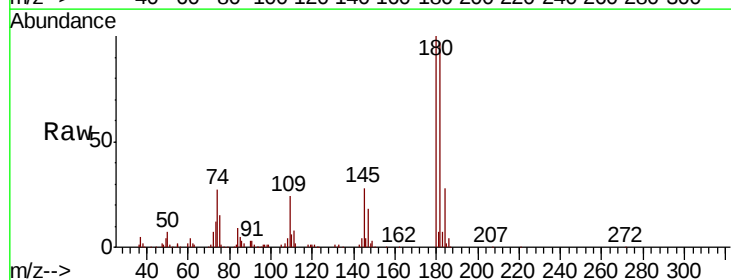
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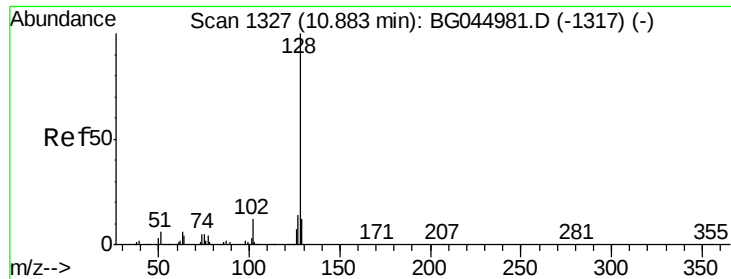
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 35.756 ng
RT: 10.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	177353		
182	97.0	73.3	109.9	
145	28.0	22.6	33.8	





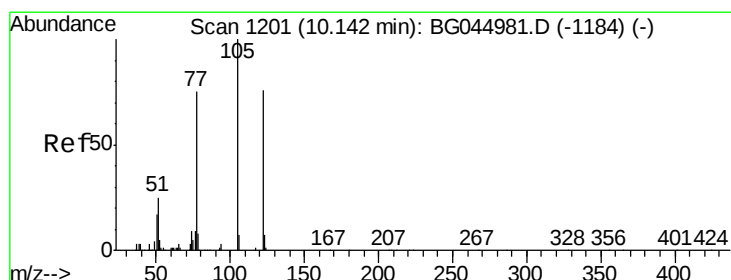
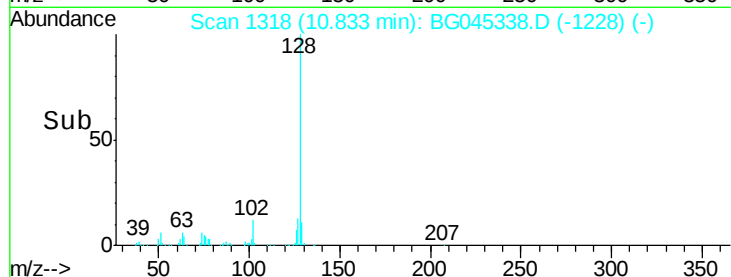
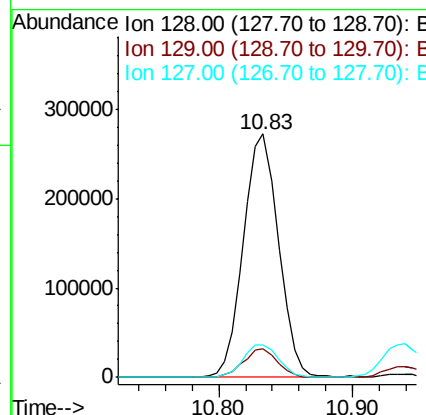
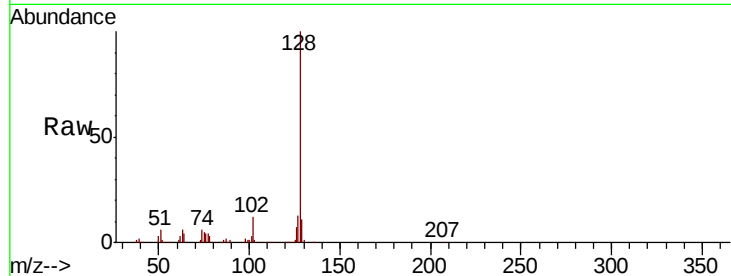
#31
Naphthalene
Concen: 36.662 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	9.4	14.2	
127	13.1	10.8	16.2	

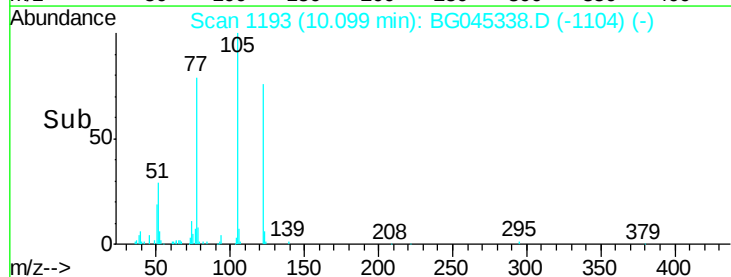
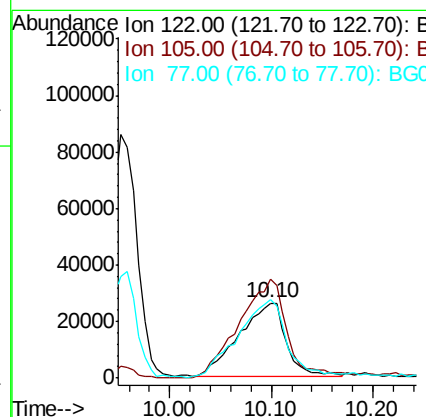
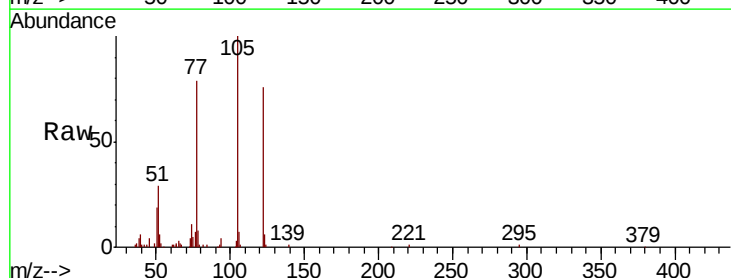
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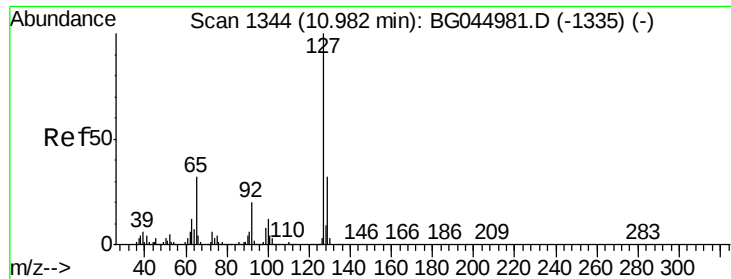
mohammad
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#32
Benzoic acid
Concen: 29.989 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	132.3	108.4	148.4	
77	105.0	78.8	118.8	





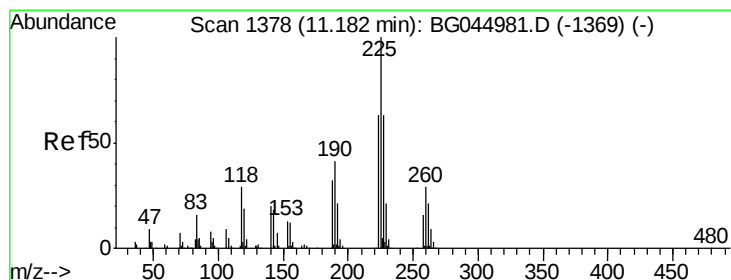
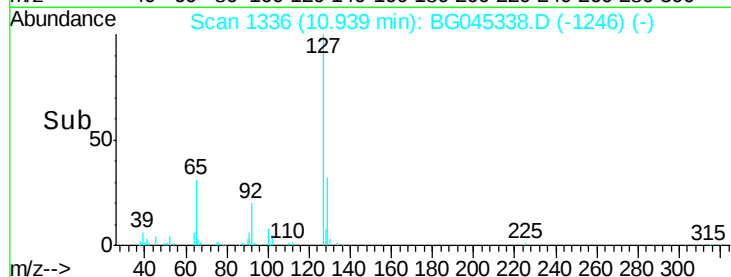
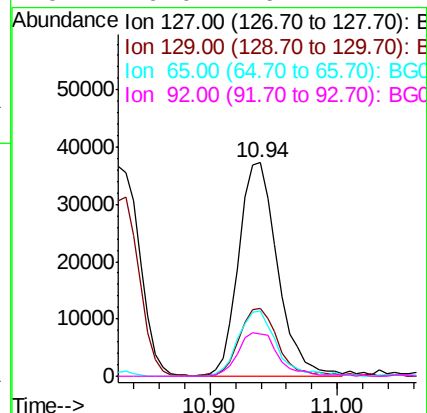
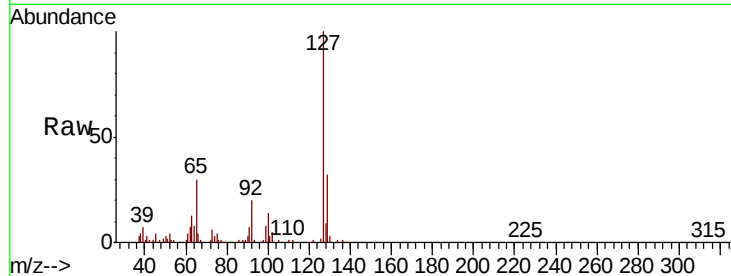
#33
4-Chloroaniline
Concen: 12.645 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	30.3	25.4	38.2
92	20.0	16.1	24.1

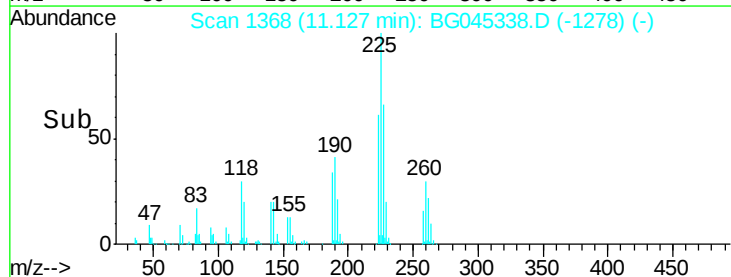
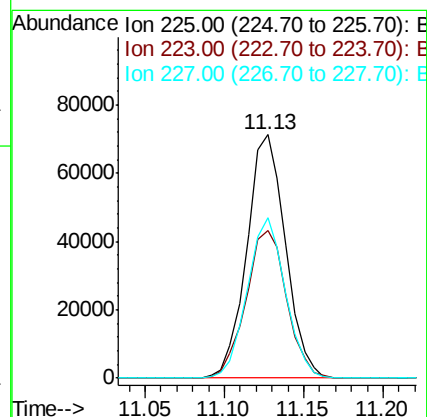
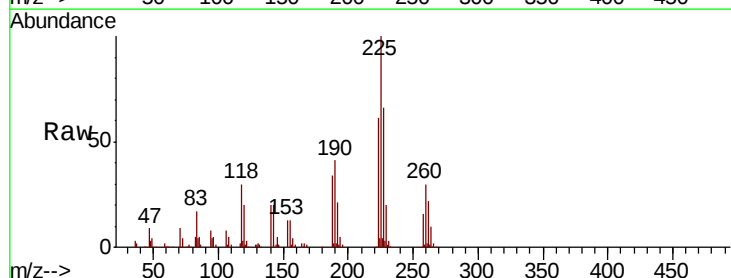
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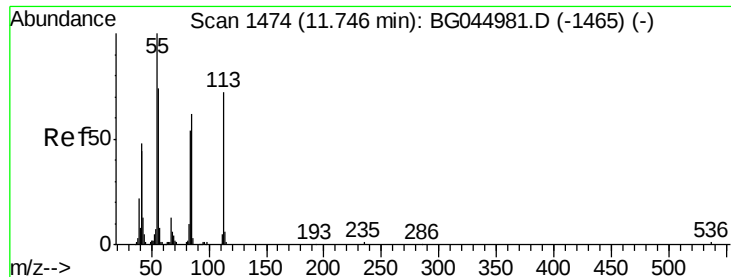
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#34
Hexachlorobutadiene
Concen: 35.493 ng
RT: 11.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.7	76.1
227	65.9	50.2	75.2





#35

Caprolactam

Concen: 37.329 ng/ml

RT: 11.69 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Instrument :

BNA_G

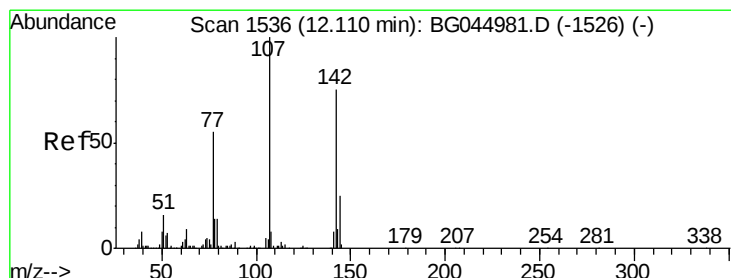
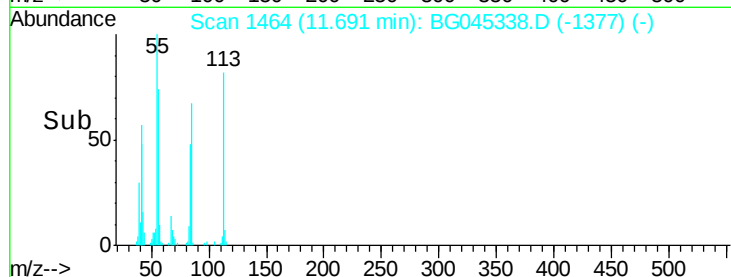
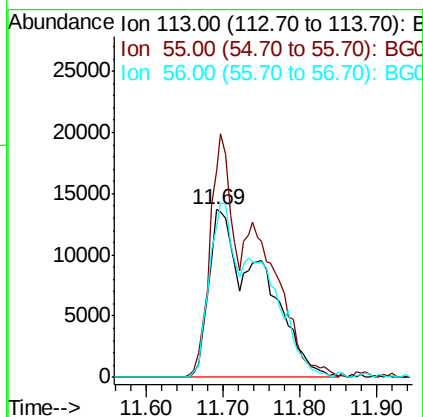
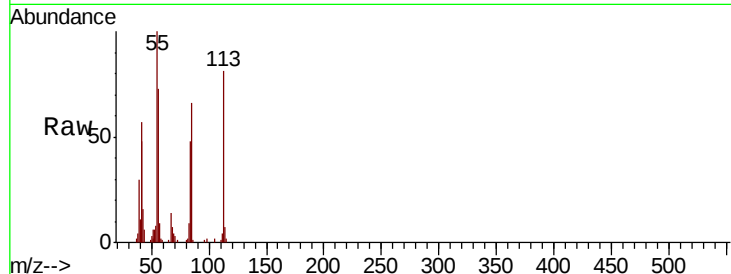
ClientSampleId :

PB128765BS

Tot Ion:	113	Resp:	65086
Ion Ratio	Lower	Upper	
113	100		
55	123.0	118.8	158.8
56	89.8	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 37.360 ng/ml

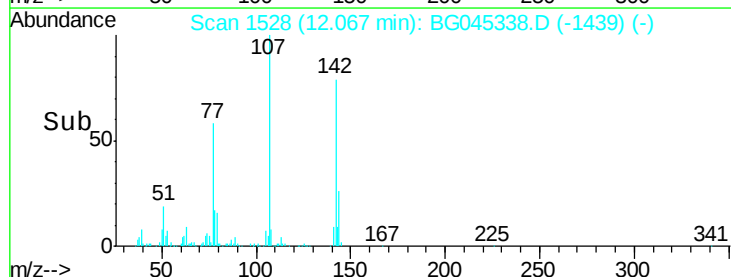
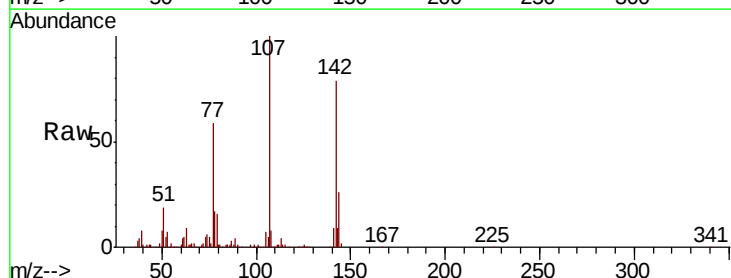
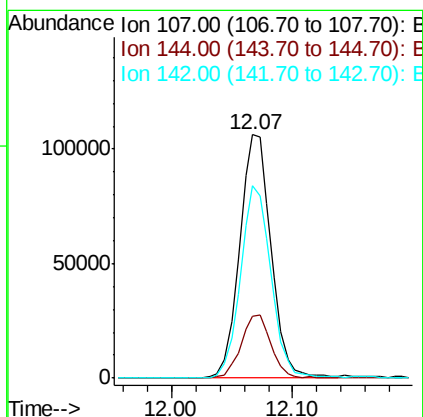
RT: 12.07 min Scan# 1528

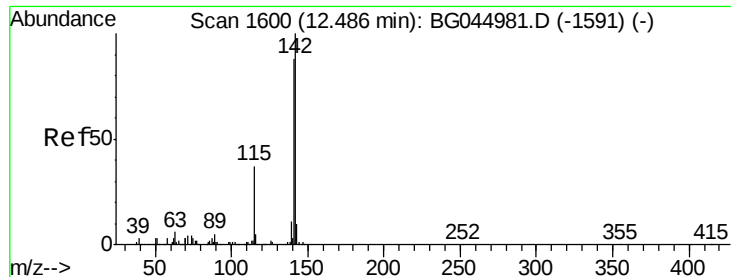
Delta R.T. -0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Tgt Ion:	107	Resp:	192269
Ion Ratio	Lower	Upper	
107	100		
144	25.6	19.8	29.6
142	79.1	59.7	89.5





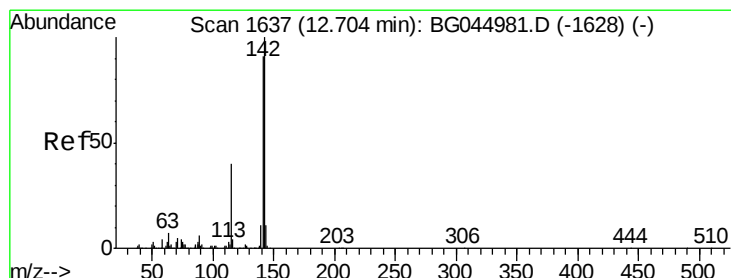
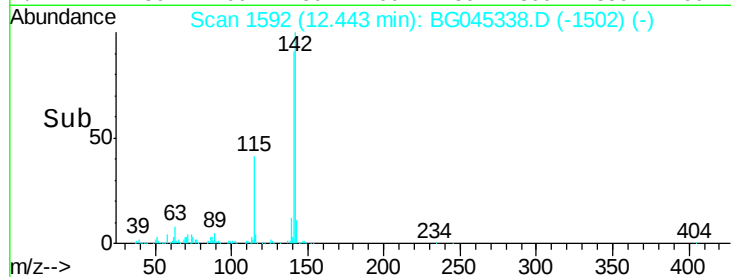
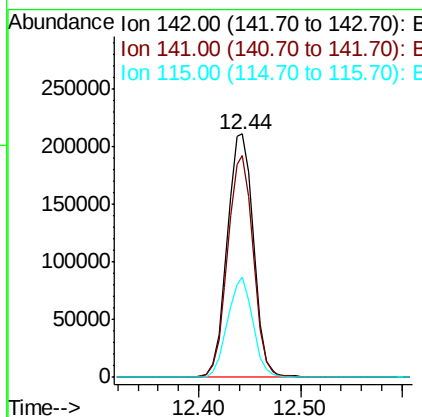
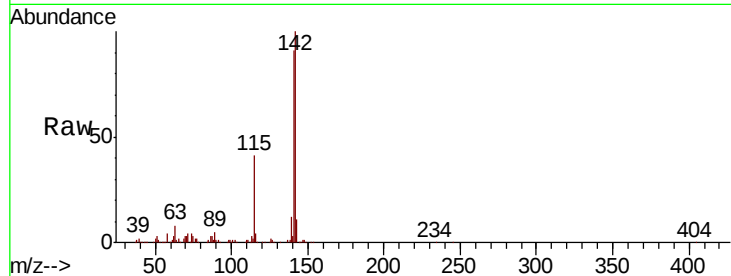
#37
2-Methylnaphthalene
Concen: 36.057 ng
RT: 12.44 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.3	105.5
115	41.3	29.8	44.6

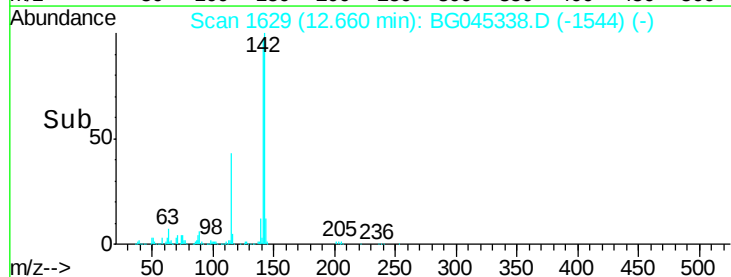
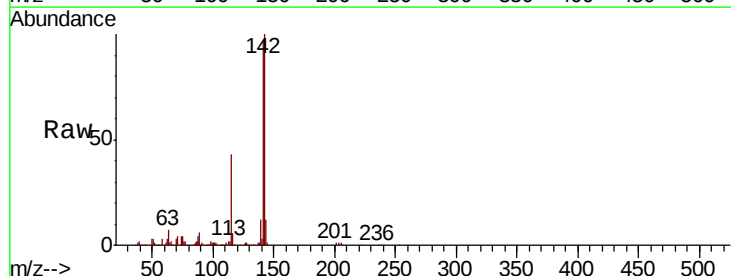
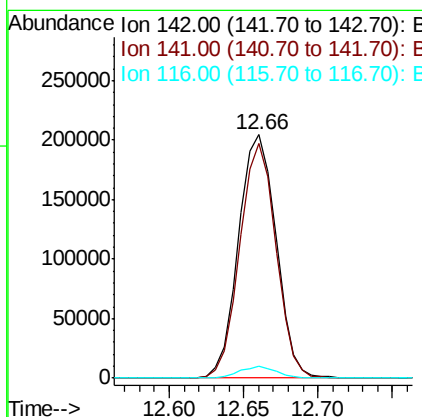
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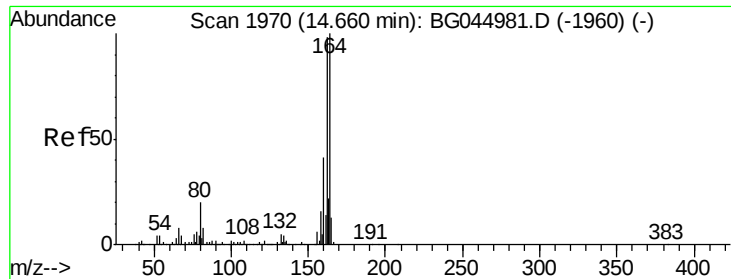
mohammad
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#38
1-Methylnaphthalene
Concen: 36.019 ng m
RT: 12.66 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.5	72.7	109.1
116	4.8	3.1	4.7#





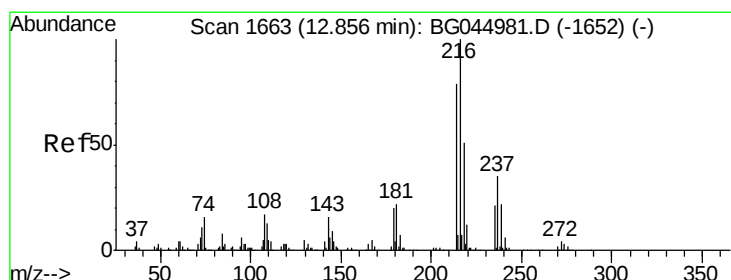
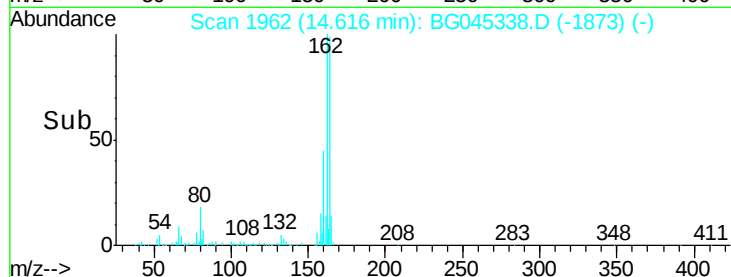
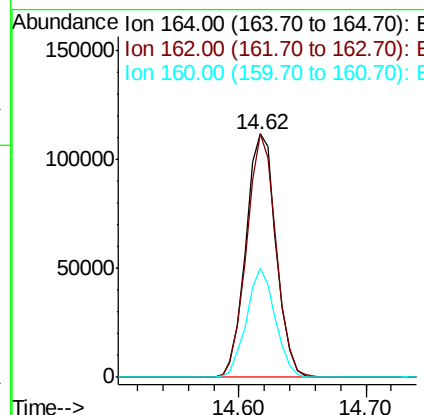
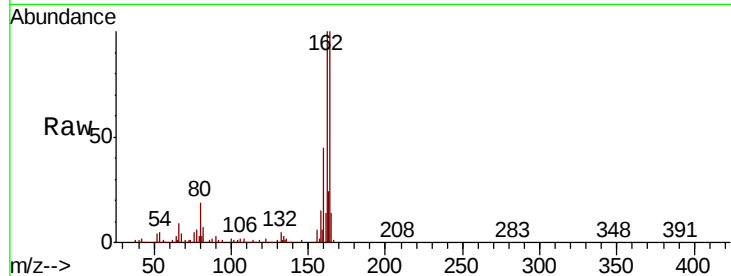
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB128765BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.7	118.1
160	44.7	32.8	49.2

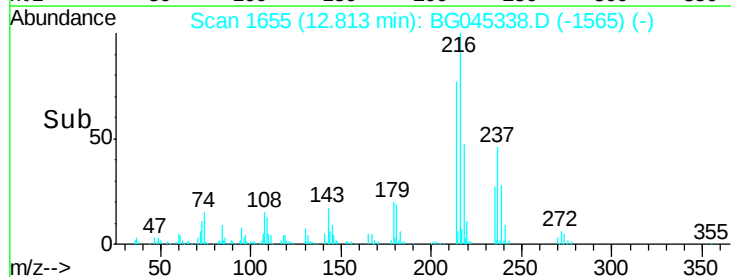
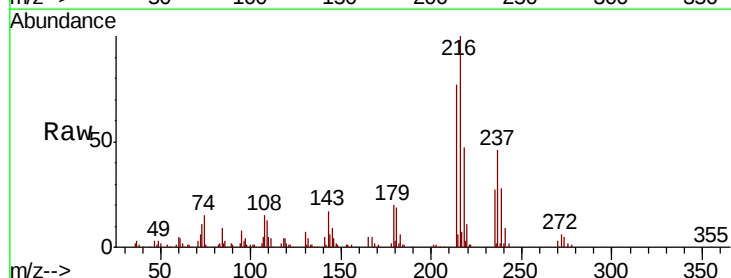
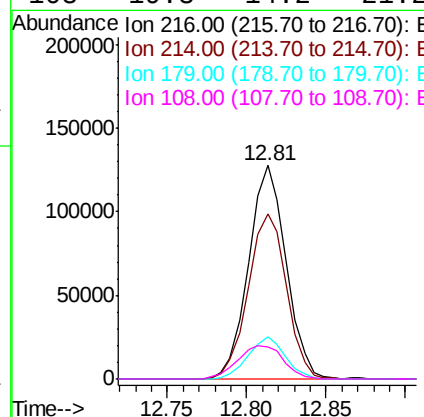
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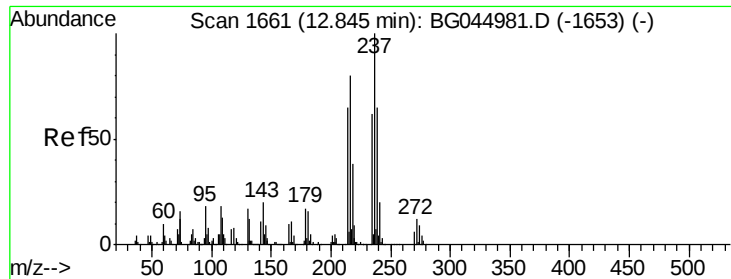
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.383 ng
 RT: 12.81 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.6
179	19.5	15.8	23.8
108	19.3	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 77.248 ng

RT: 12.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Instrument :

BNA_G

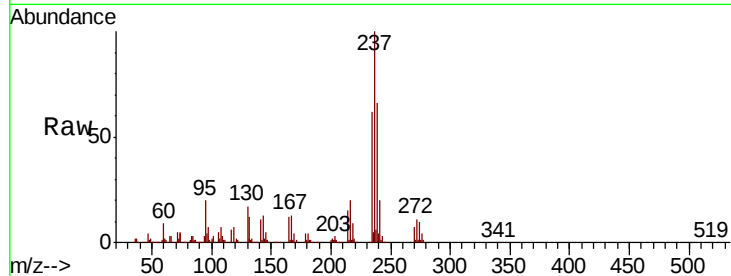
ClientSampleId :

PB128765BS

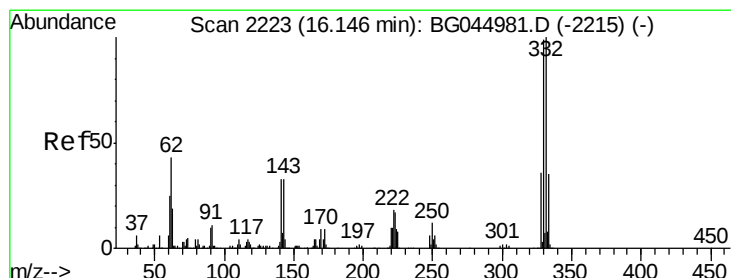
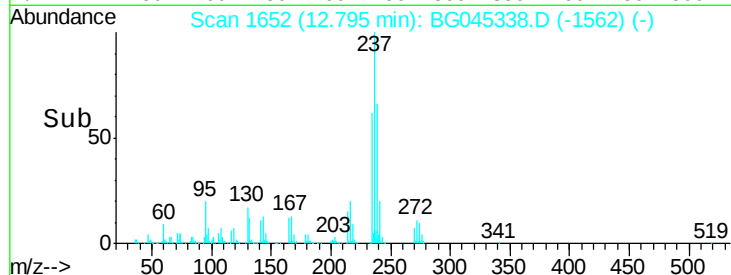
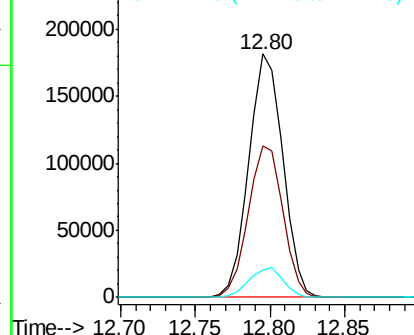
Tot Ion:	237	Resp:	285507
Ion Ratio	Lower	Upper	
237	100		
235	62.0	41.6	81.6
272	11.2	0.0	32.1

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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: 106.239 ng

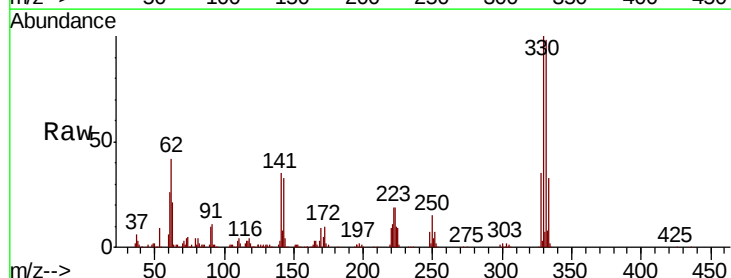
RT: 16.11 min Scan# 2216

Delta R.T. 0.00 min

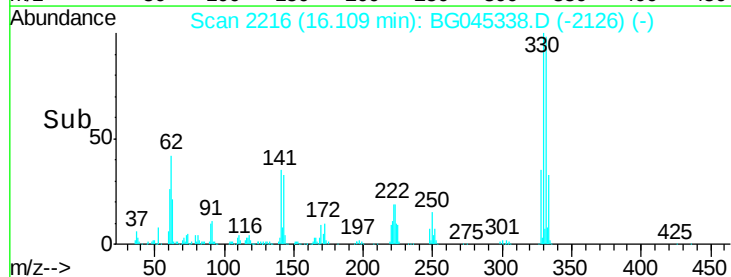
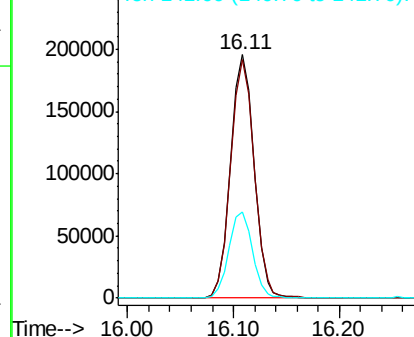
Lab File: BG045338.D

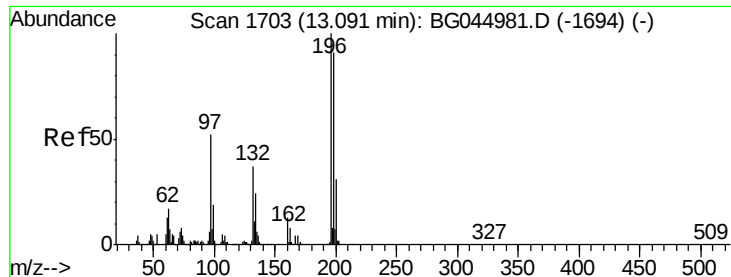
Acq: 12 May 2020 21:06

Tgt Ion:	330	Resp:	301436
Ion Ratio	Lower	Upper	
330	100		
332	97.9	79.1	118.7
141	36.0	27.1	40.7



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





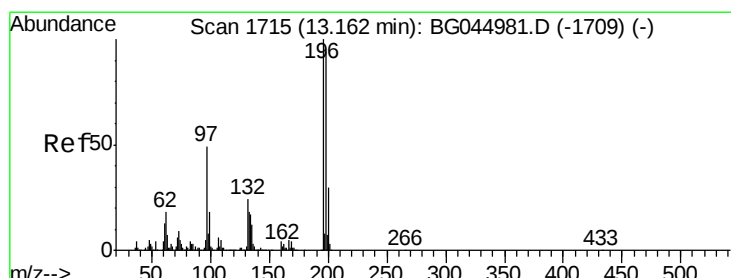
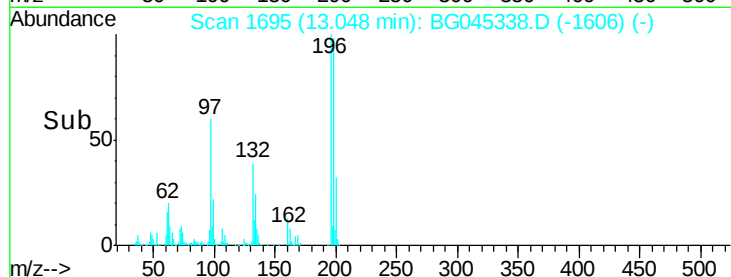
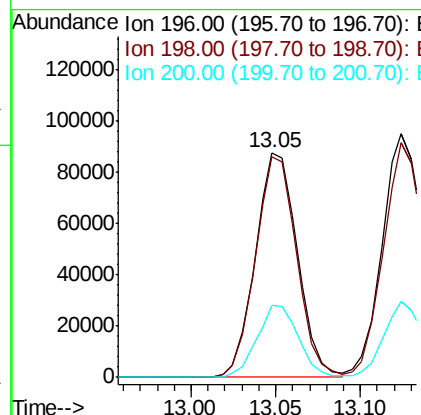
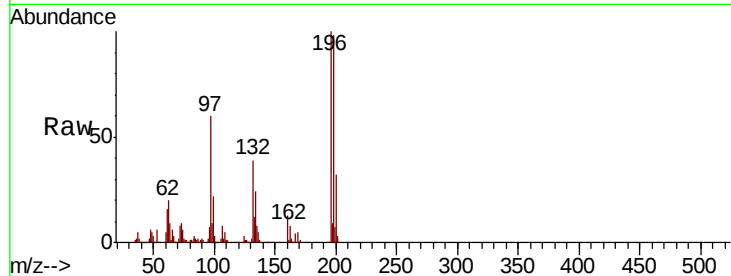
#43
 2,4,6-Trichlorophenol
 Concen: 36.149 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB128765BS

Tot Ion	196	Resp	150868
Ion Ratio	Lower	Upper	
196	100		
198	98.0	72.5	108.7
200	32.4	24.5	36.7

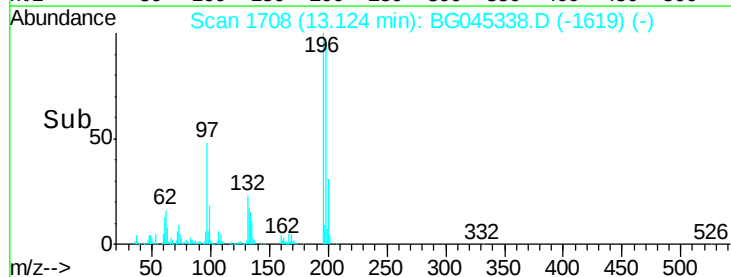
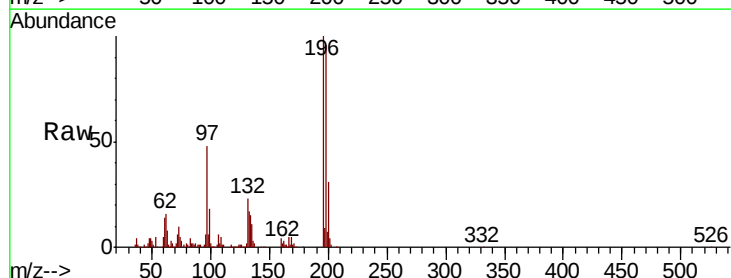
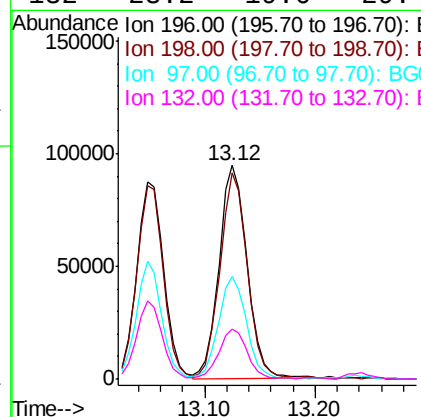
Manual Integrations
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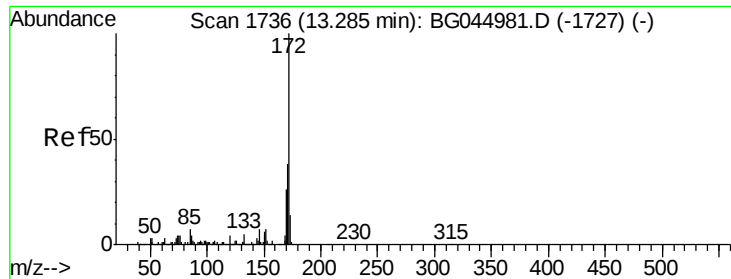
mohammad
 5/14/2020 8:37:28 AM



#44
 2,4,5-Trichlorophenol
 Concen: 35.270 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Tgt Ion	196	Resp	167549
Ion Ratio	Lower	Upper	
196	100		
198	96.5	75.7	113.5
97	48.1	39.6	59.4
132	23.2	19.6	29.4





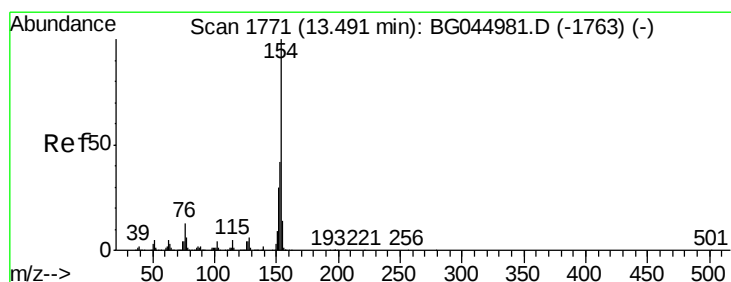
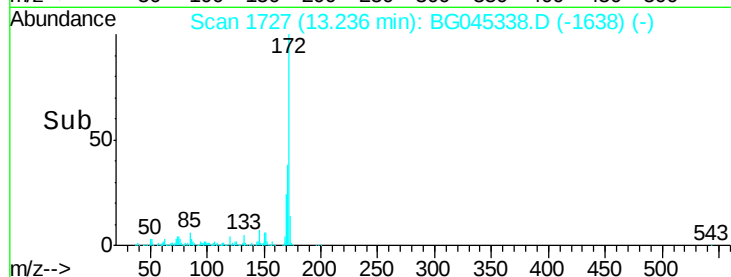
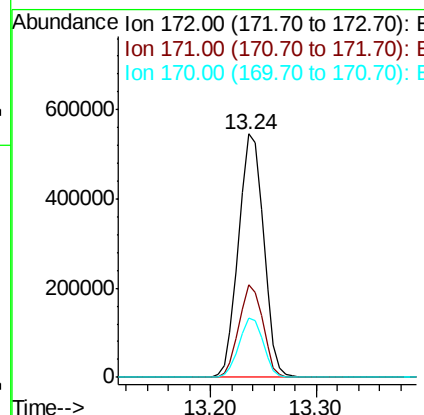
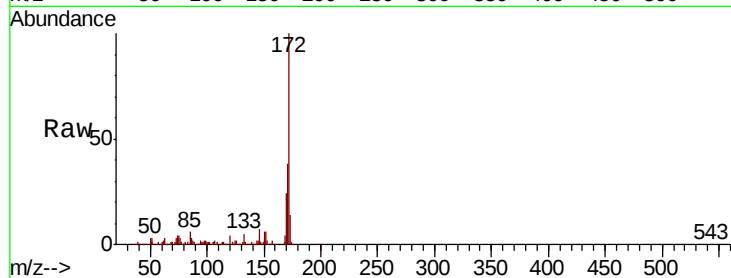
#45
2-Fluorobiphenyl
Concen: 71.398 ng
RT: 13.24 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.6	46.0
170	24.4	20.5	30.7

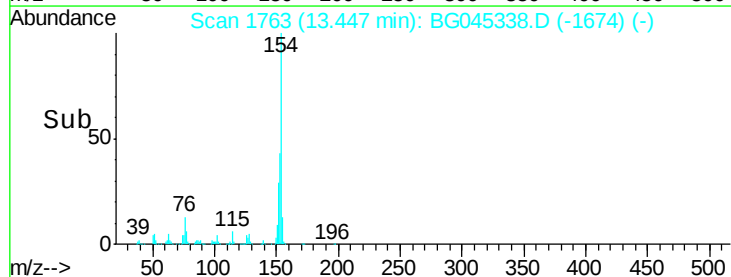
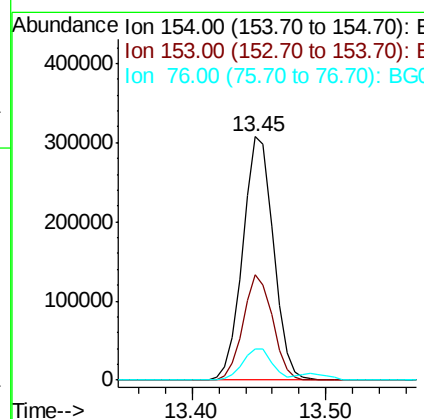
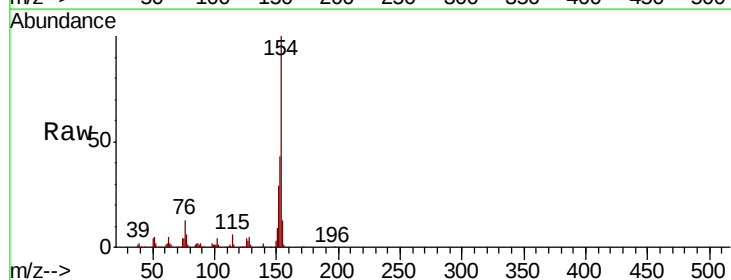
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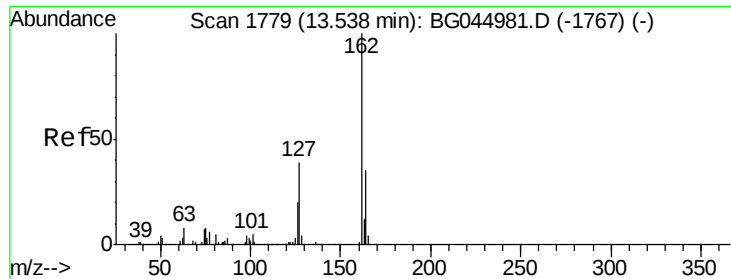
mohammad
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#46
1,1'-Biphenyl
Concen: 34.970 ng
RT: 13.45 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	21.9	61.9
76	12.9	0.0	33.1





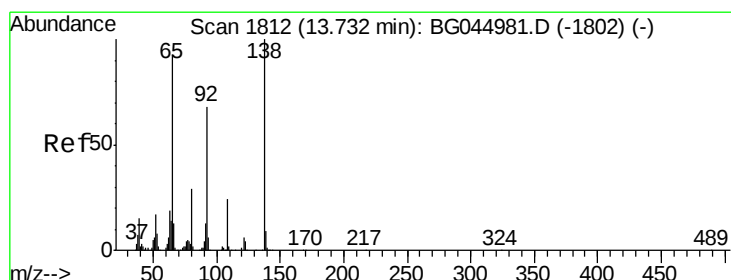
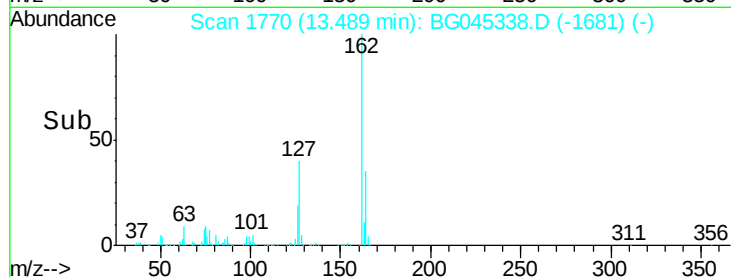
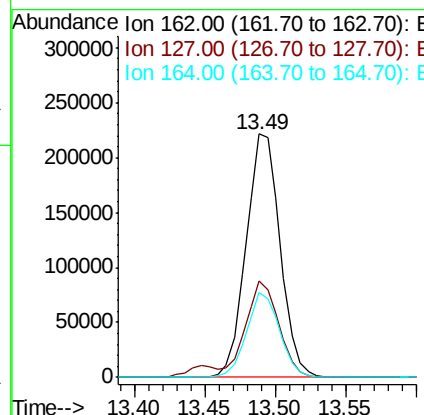
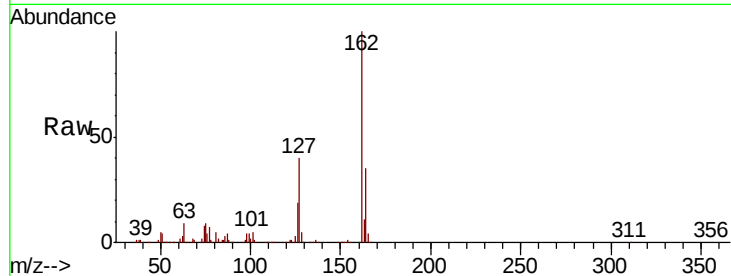
#47
 2-Chloronaphthalene
 Concen: 35.034 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB128765BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.8	31.3	46.9
164	34.9	27.8	41.8

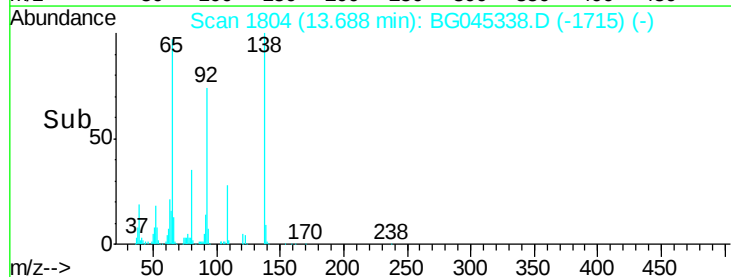
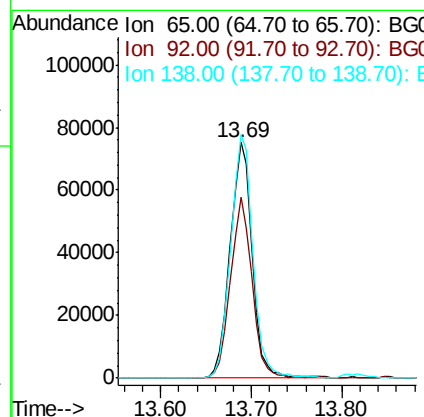
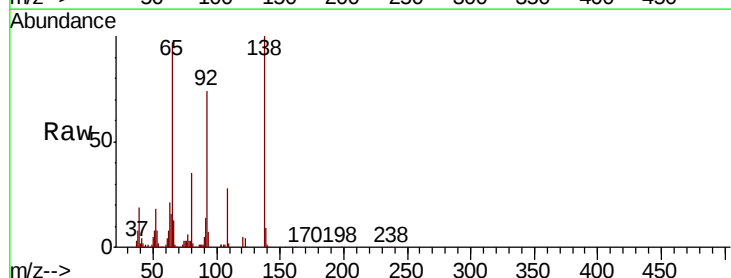
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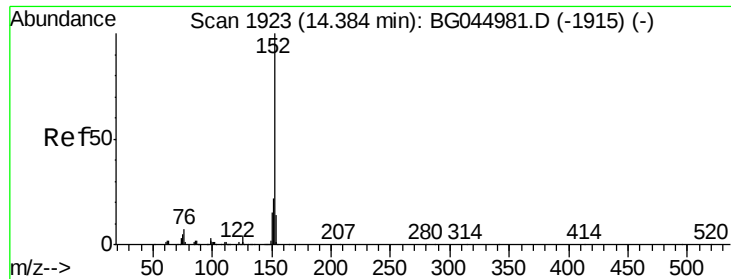
mohammad
 5/14/2020 8:37:28 AM



#48
 2-Nitroaniline
 Concen: 36.489 ng
 RT: 13.69 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	76.8	58.3	87.5
138	103.4	85.6	128.4





#49

Acenaphthylene

Concen: 36.206 ng

RT: 14.34 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Instrument :

BNA_G

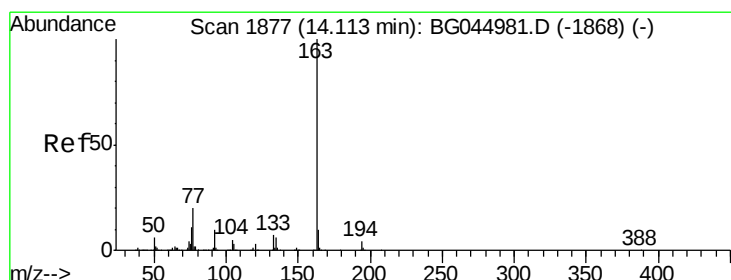
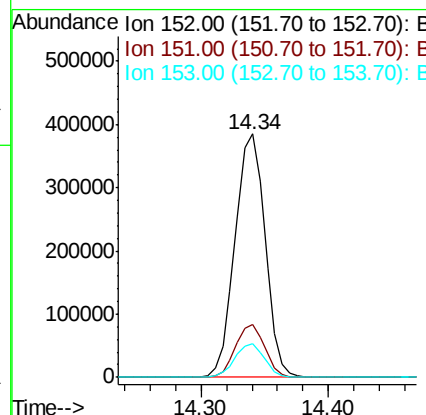
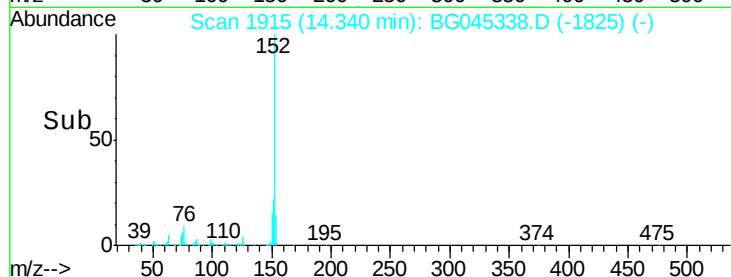
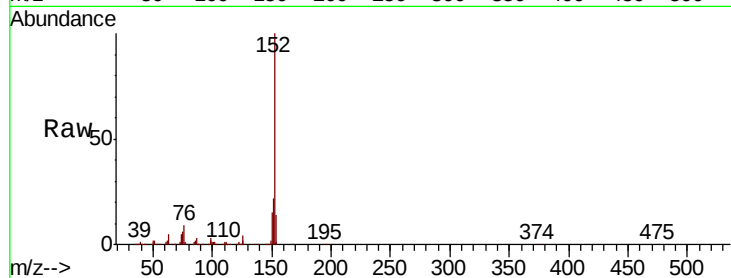
ClientSampleId :

PB128765BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.2	25.8
153	13.9	11.0	16.4

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#50

Dimethylphthalate

Concen: 35.920 ng

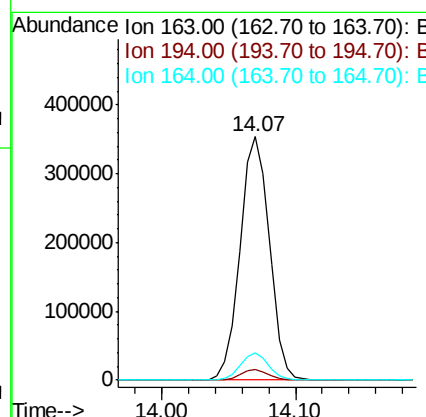
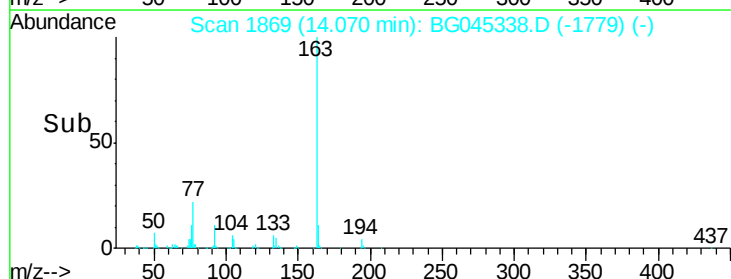
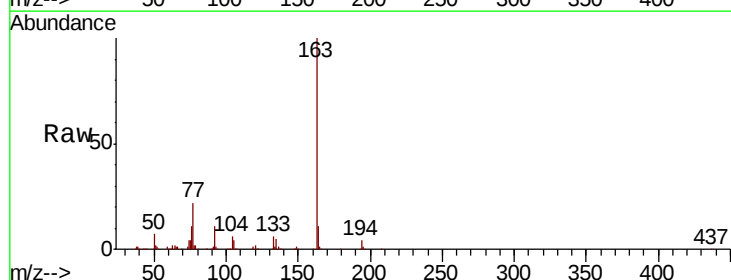
RT: 14.07 min Scan# 1869

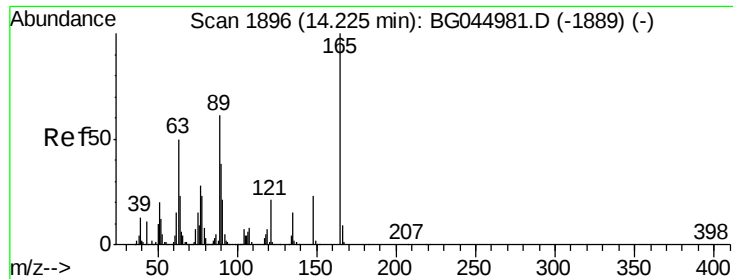
Delta R.T. 0.00 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	11.0	8.2	12.4





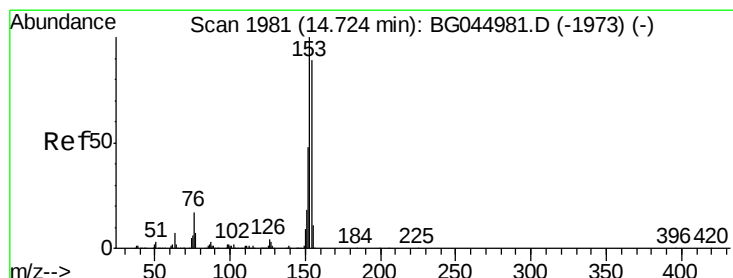
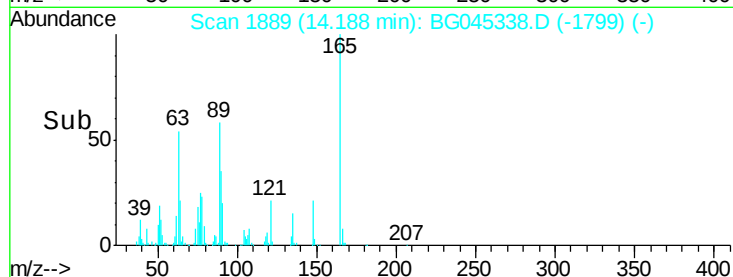
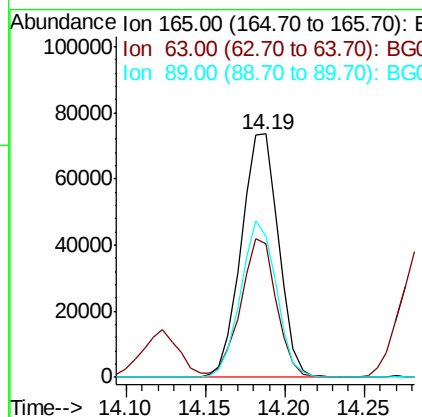
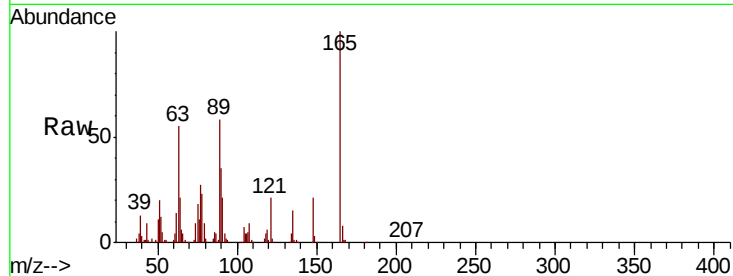
#51
 2,6-Dinitrotoluene
 Concen: 35.940 ng
 RT: 14.19 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB128765BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	120215		
63	55.0		40.4	60.6
89	57.9		49.1	73.7

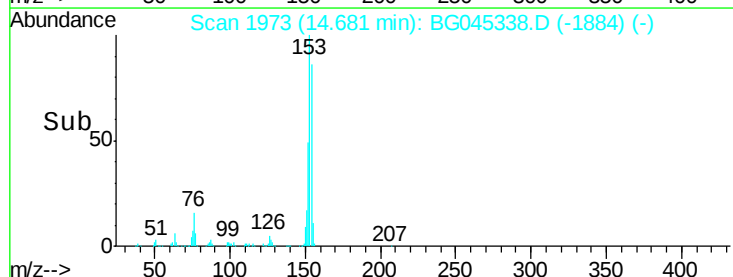
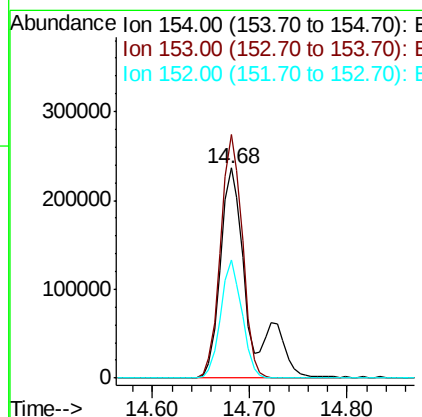
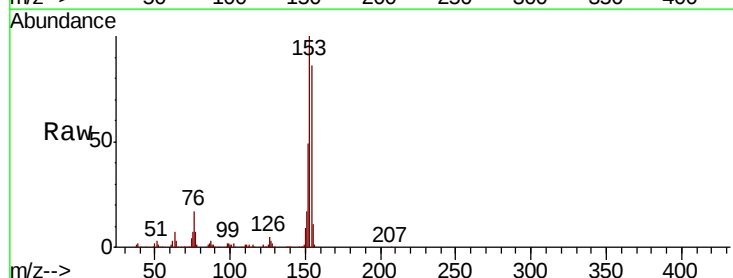
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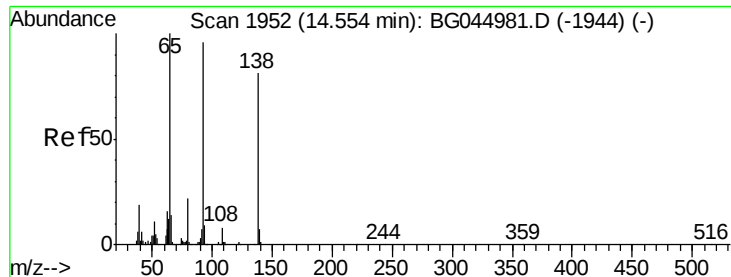
mohammad
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#52
 Acenaphthene
 Concen: 40.504 ng m
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	476141		
153	115.8		89.7	134.5
152	56.4		43.1	64.7





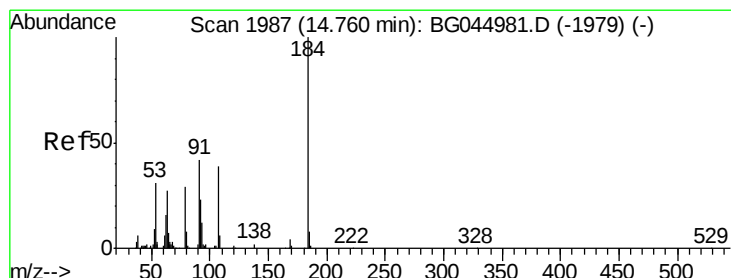
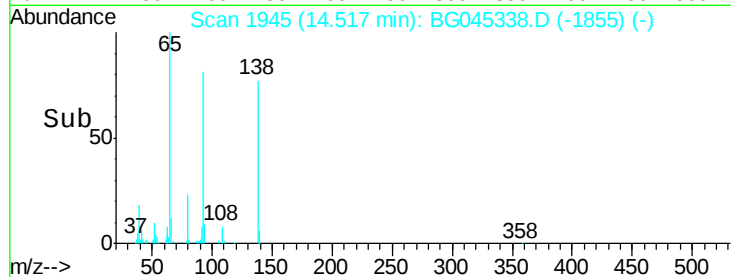
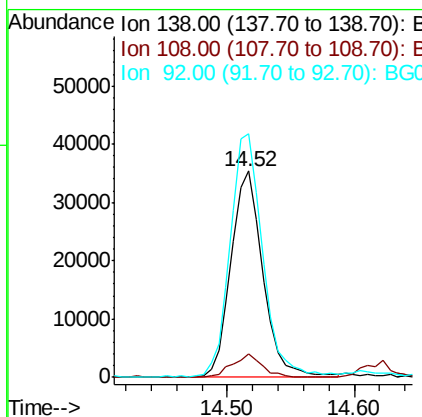
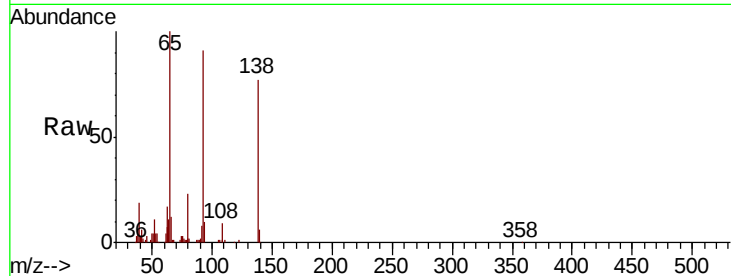
#53
 3-Nitroaniline
 Concen: 16.800 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB128765BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	7.8	11.8
92	118.1	94.5	141.7

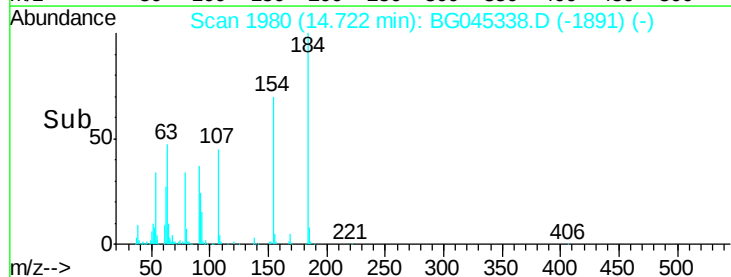
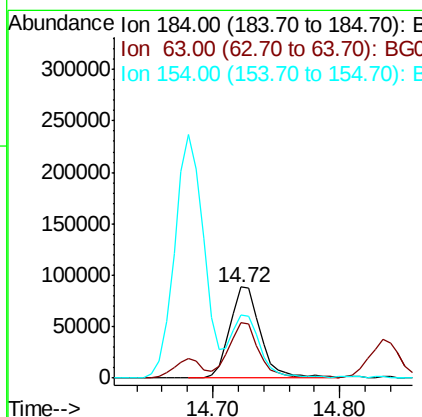
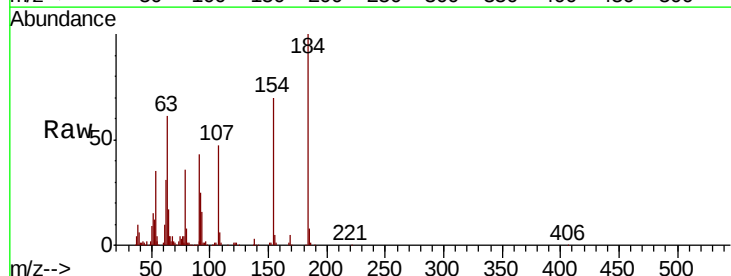
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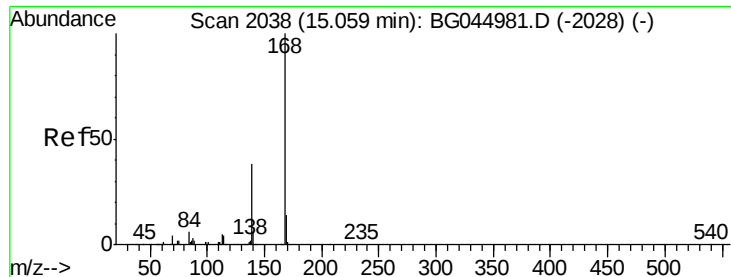
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 74.810 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.2	41.5	62.3
154	69.8	52.3	78.5





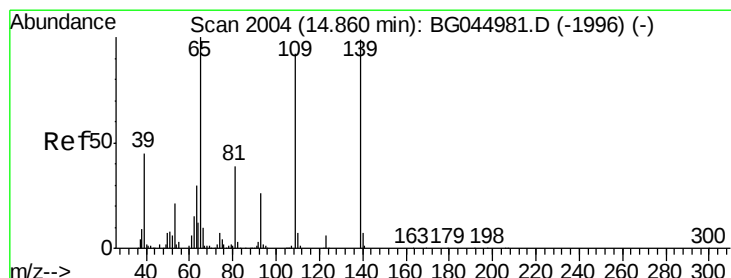
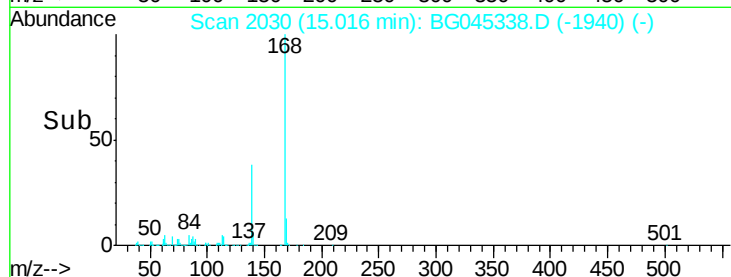
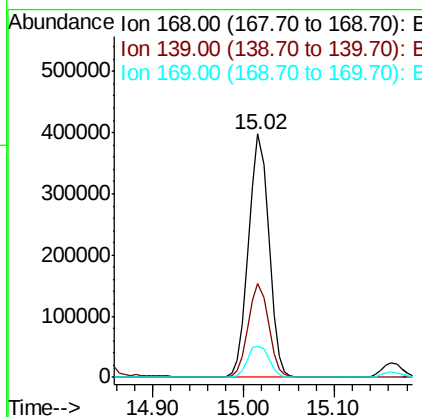
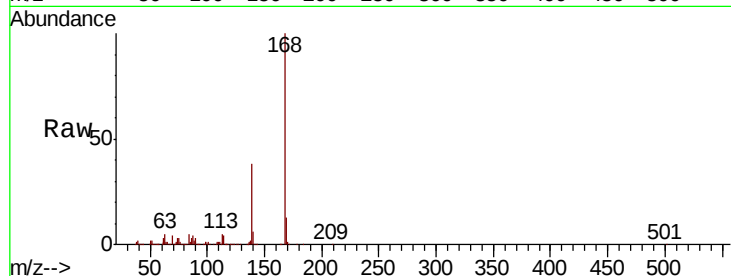
#55
Dibenzenofuran
Concen: 36.128 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.4	45.6
169	12.7	11.0	16.4

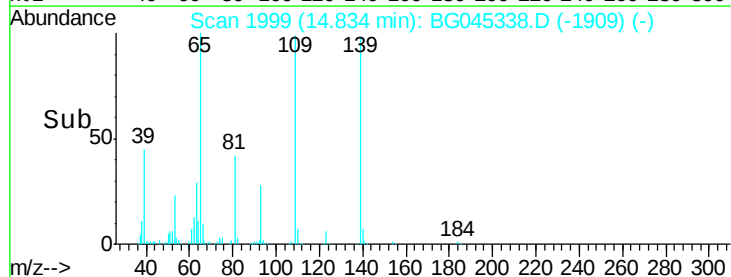
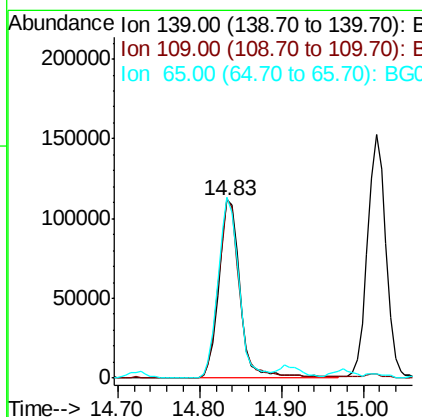
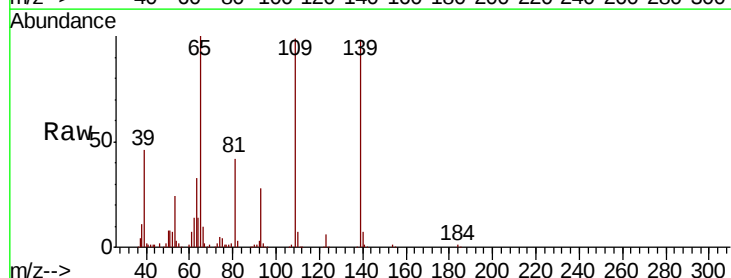
Manual Integrations
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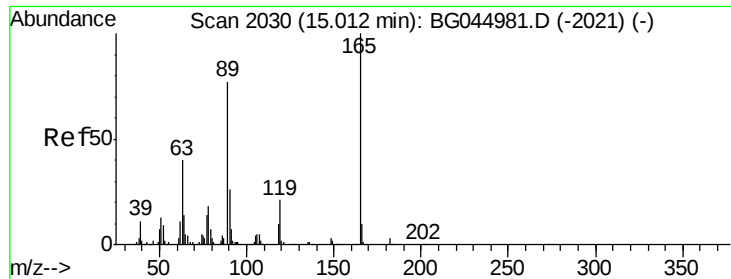
mohammad
5/14/2020 8:37:28 AM



#56
4-Nitrophenol
Concen: 71.725 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.7	73.6	113.6
65	101.9	81.2	121.2





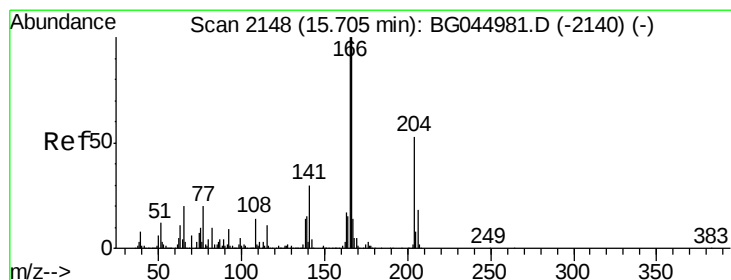
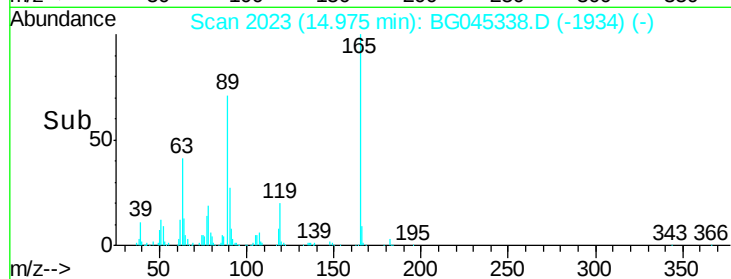
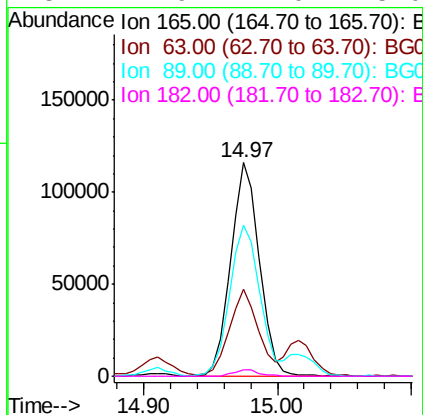
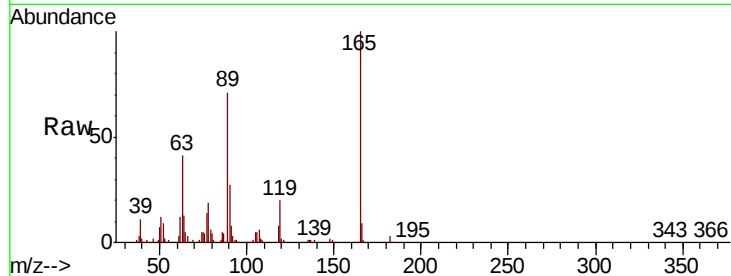
#57
 2,4-Dinitrotoluene
 Concen: 35.589 ng
 RT: 14.97 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB128765BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	173969		
63	40.9	32.2	48.2	
89	70.7	61.7	92.5	
182	2.9	2.0	3.0	

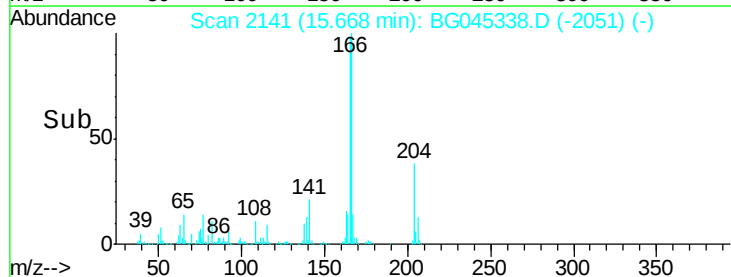
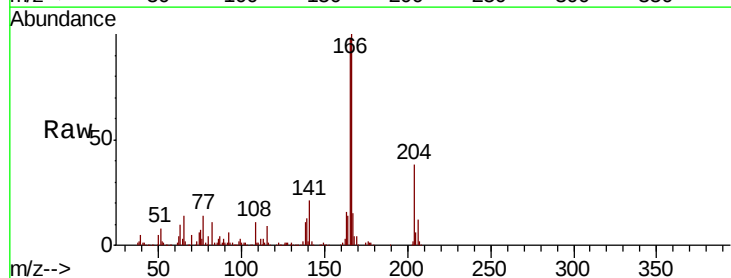
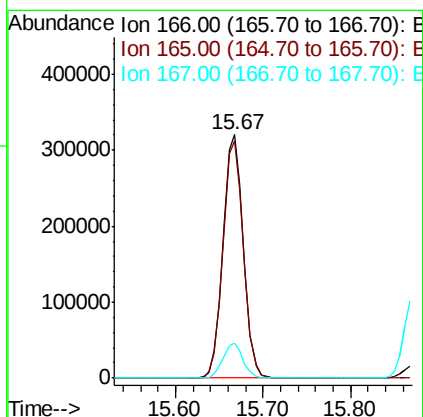
Manual Integrations
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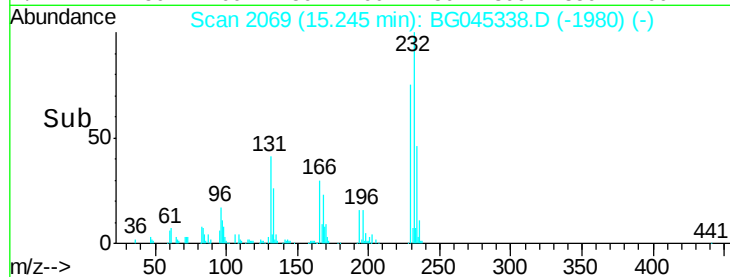
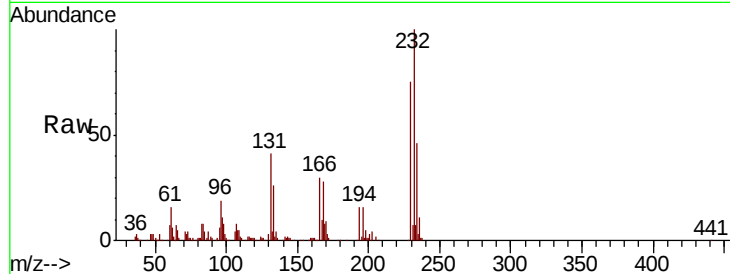
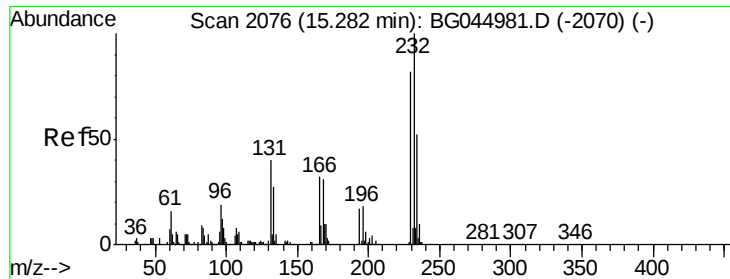
mohammad
 5/14/2020 8:37:28 AM



#58
 Fluorene
 Concen: 36.568 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	511907		
165	97.6	79.9	119.9	
167	14.6	11.4	17.0	





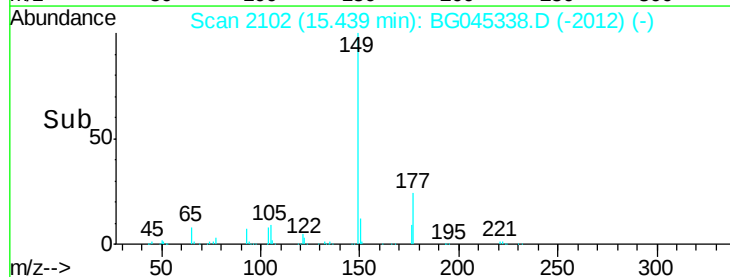
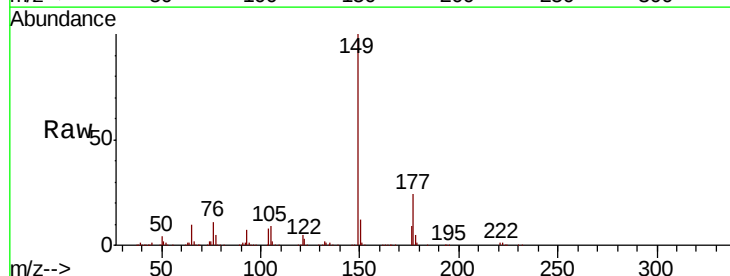
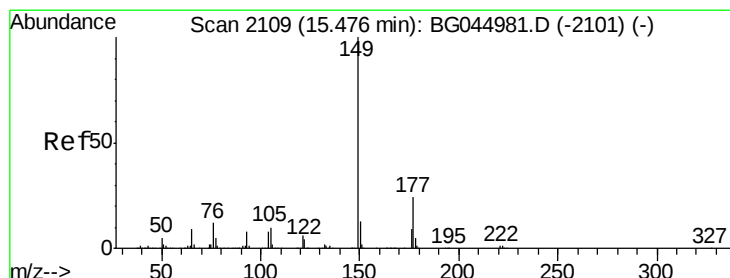
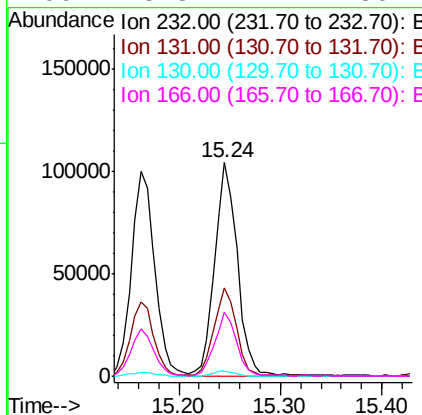
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.409 ng
RT: 15.24 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	162354		
131	40.1	32.2	48.2	
130	2.5	2.2	3.2	
166	28.3	24.2	36.4	

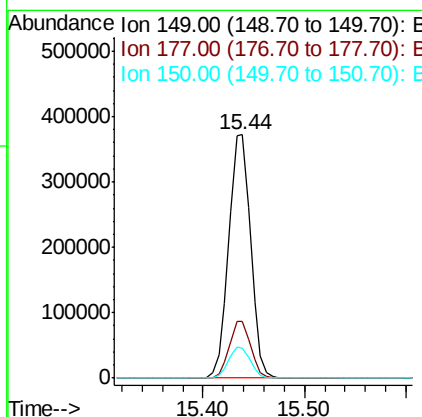
Manual Integrations
APPROVED

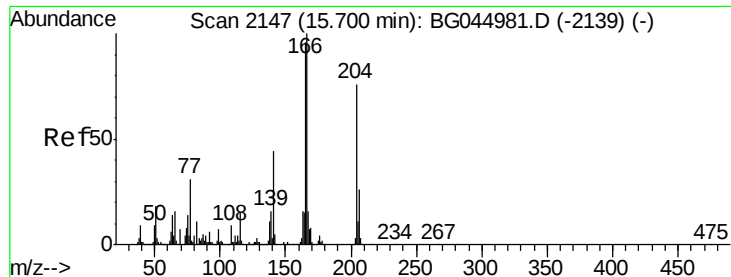
mohammad
5/14/2020 8:37:28 AM



#60
Diethylphthalate
Concen: 35.834 ng
RT: 15.44 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	558714		
177	23.5	18.9	28.3	
150	12.3	10.6	15.8	





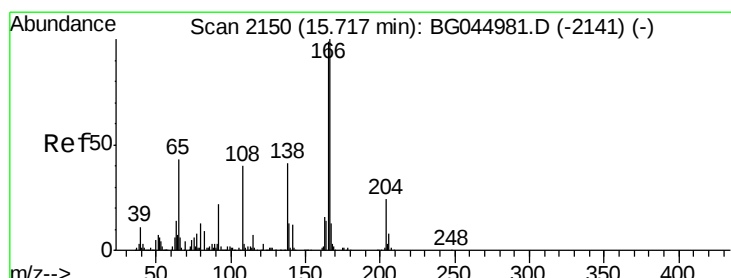
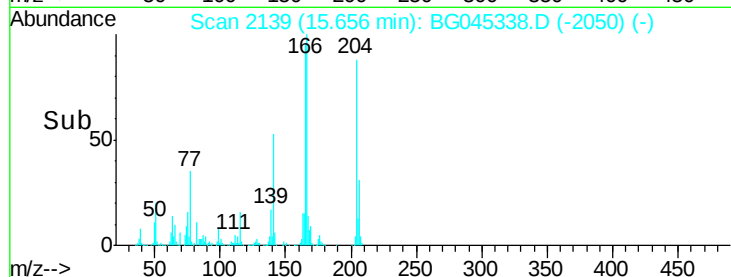
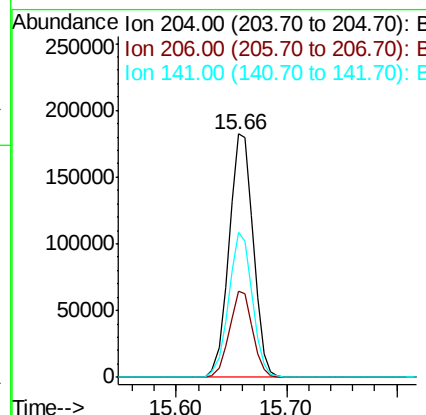
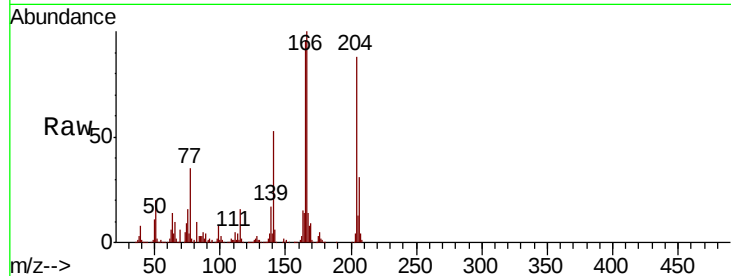
#61
 4-Chlorophenyl-phenylether
 Concen: 34.862 ng
 RT: 15.66 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB128765BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	280909		
206	35.2	26.9	40.3	
141	59.7	46.3	69.5	

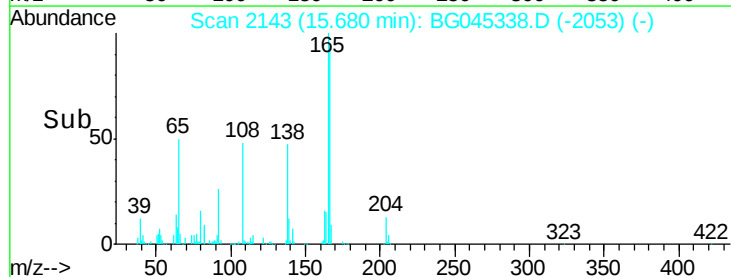
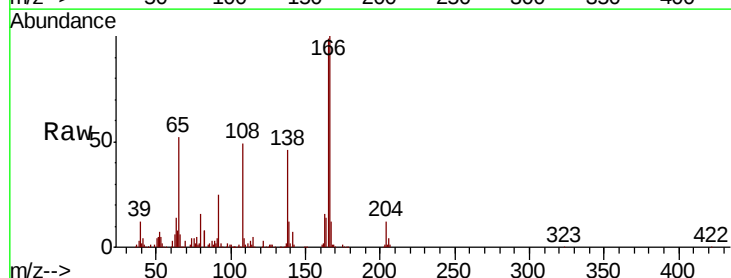
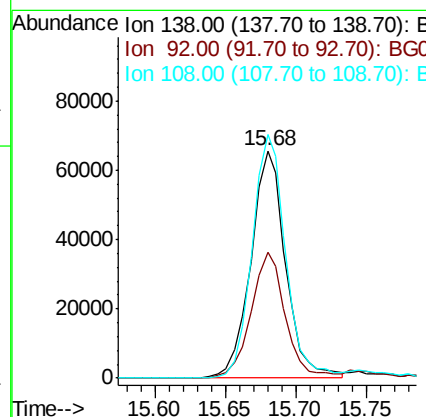
Manual Integrations
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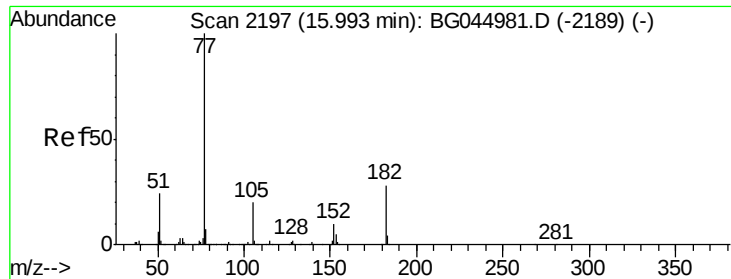
mohammad
 5/14/2020 8:37:28 AM



#62
 4-Nitroaniline
 Concen: 29.825 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	113485		
92	55.3	33.6	73.6	
108	107.2	78.2	118.2	





#63

Azobenzene

Concen: 36.200 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Instrument :

BNA_G

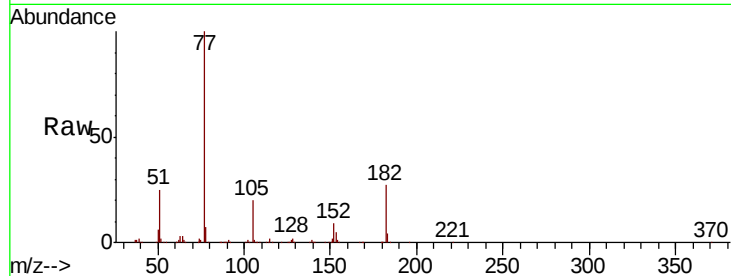
ClientSampled :

PB128765BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.8	8.4	48.4		
105	19.6	0.5	40.5		
51	24.5	4.4	44.4		

Manual Integrations
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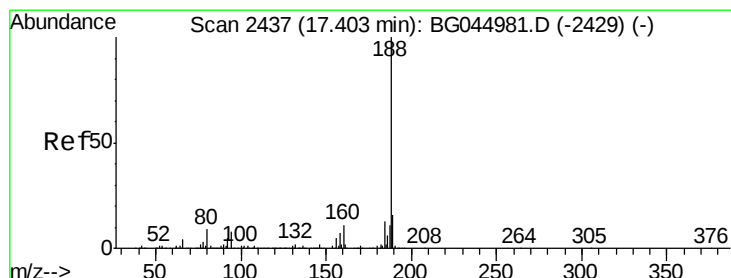
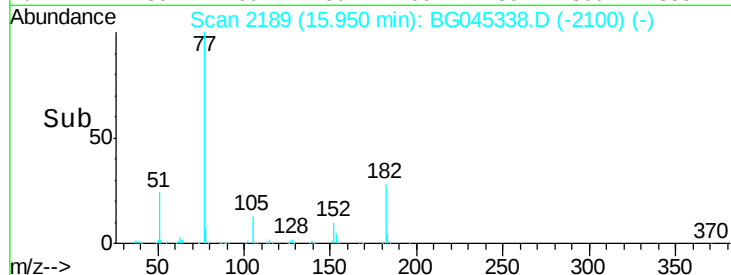
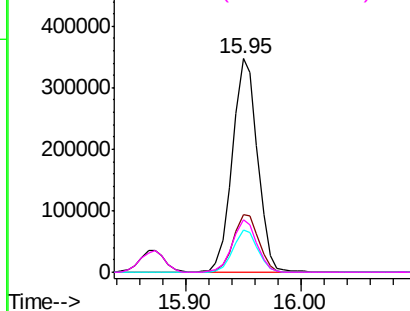


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG045338.D

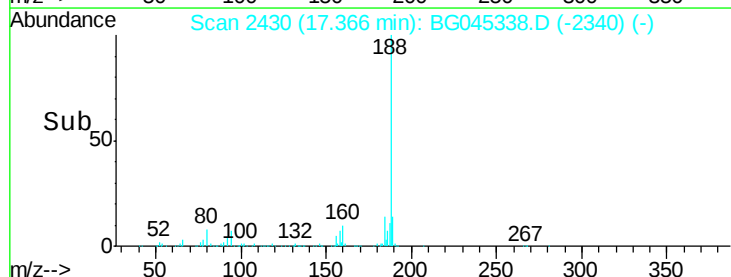
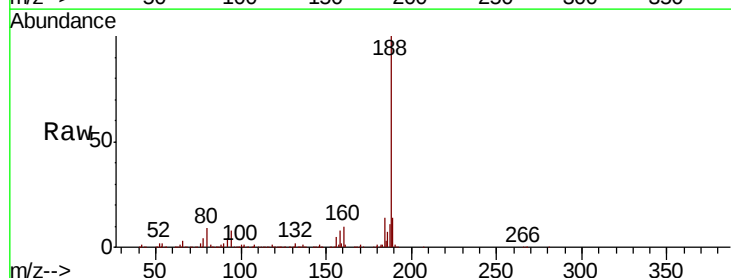
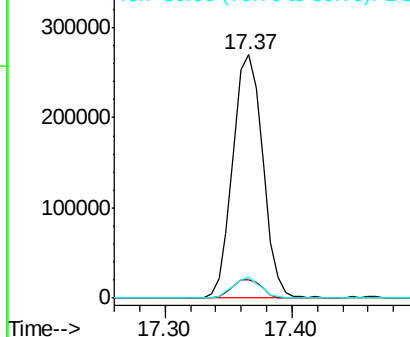
Acq: 12 May 2020 21:06

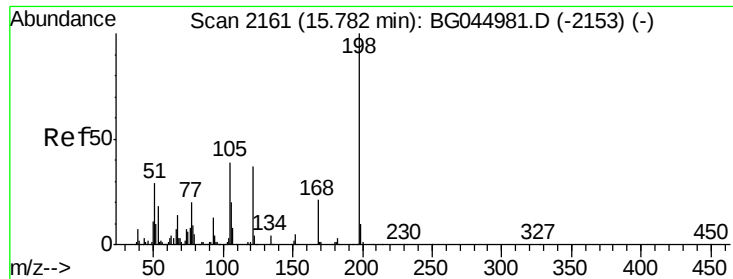
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.5	6.2	9.4		
80	8.5	7.0	10.6		

Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





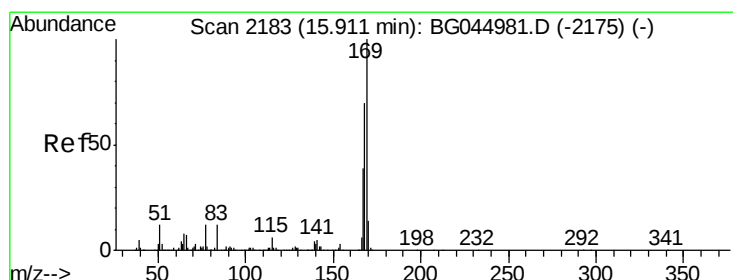
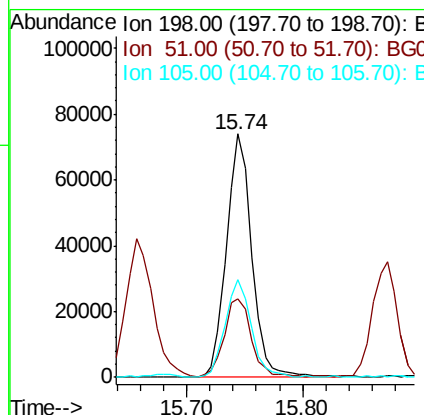
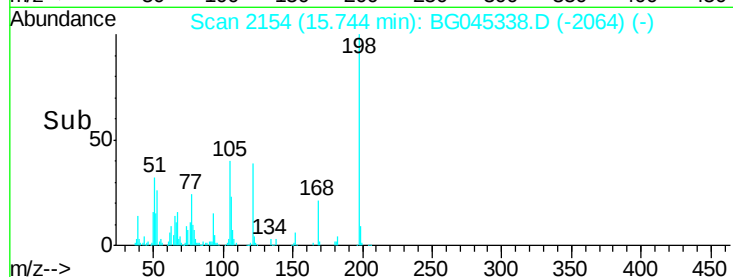
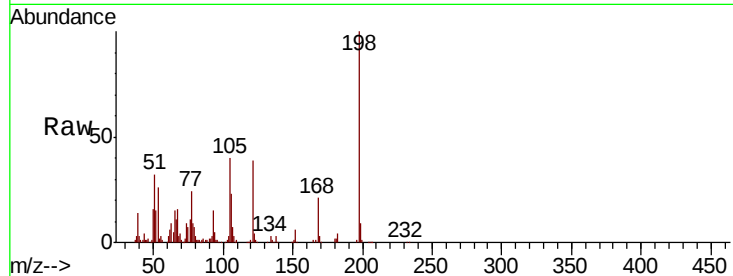
#65
4,6-Dinitro-2-methylphenol
Concen: 38.644 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	112544		
51	32.2	10.0	50.0	
105	40.2	18.9	58.9	

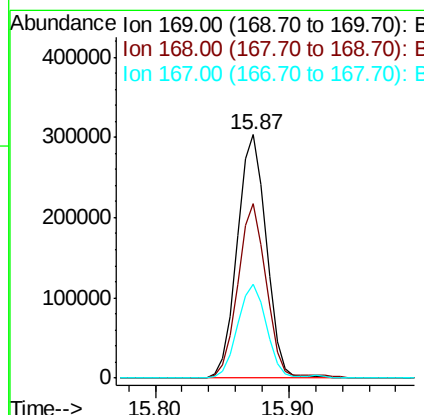
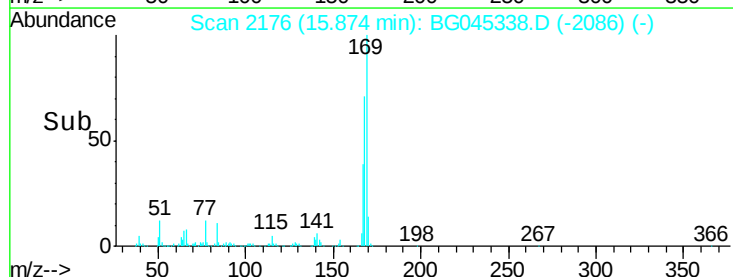
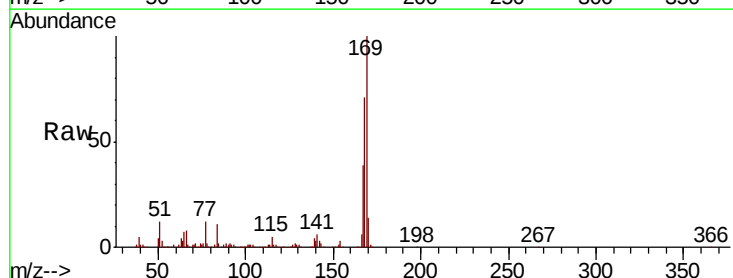
Manual Integrations
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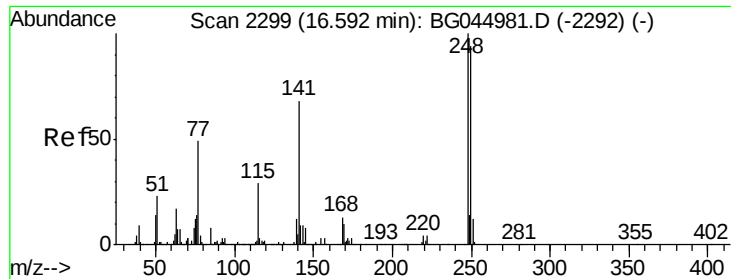
mohammad
5/14/2020 8:37:28 AM



#66
n-Nitrosodiphenylamine
Concen: 35.952 ng
RT: 15.87 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	457677		
168	71.4	55.8	83.8	
167	38.5	30.8	46.2	





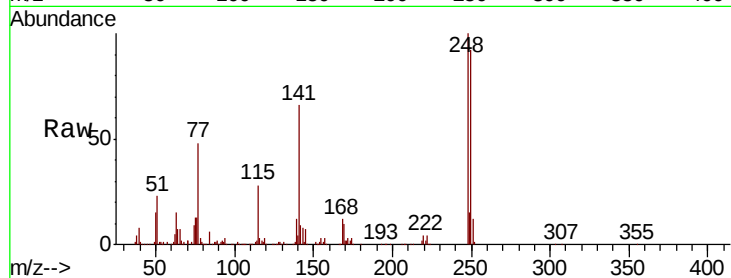
#67
4-Bromophenyl-phenylether
Concen: 34.755 ng
RT: 16.55 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.3	75.4	113.2
141	66.2	54.4	81.6

Manual Integrations
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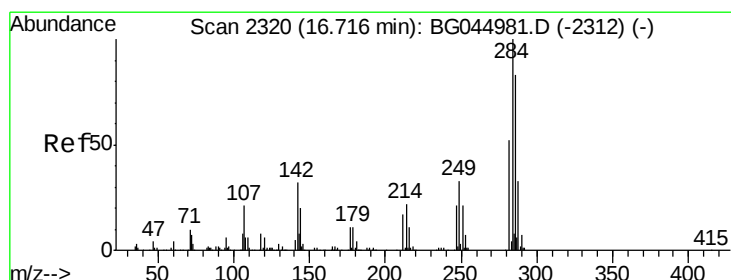
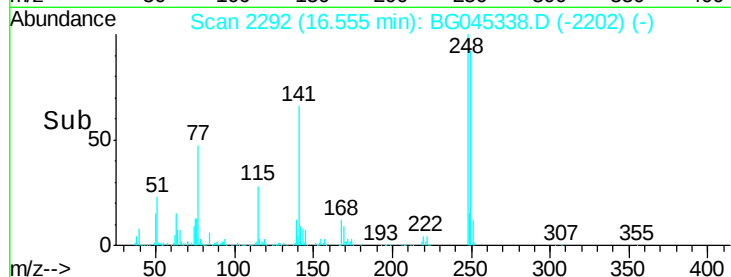
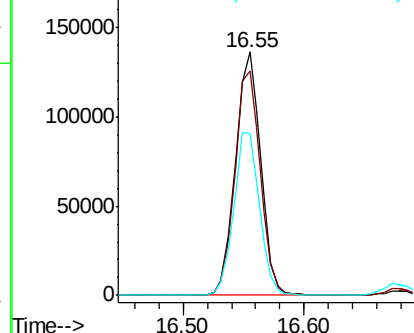


Abundance

Ion 248.00 (247.70 to 248.70): E

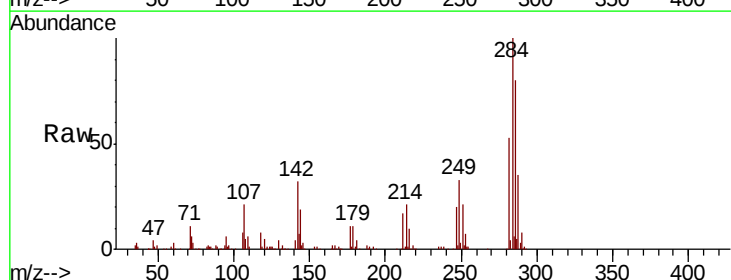
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.955 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.8	38.6
249	33.4	26.6	39.8

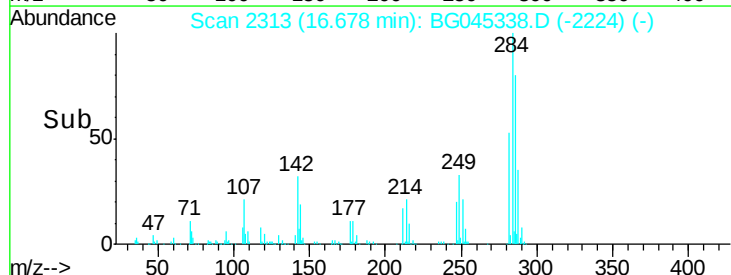
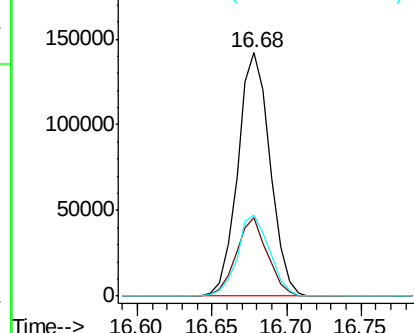


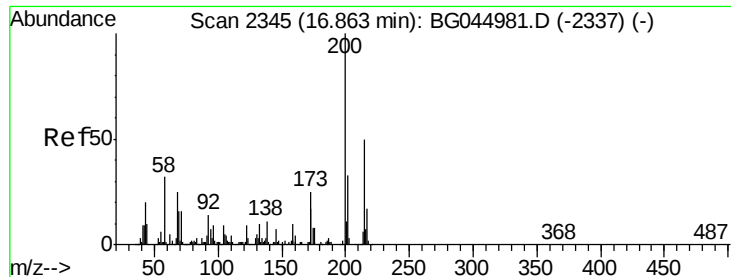
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





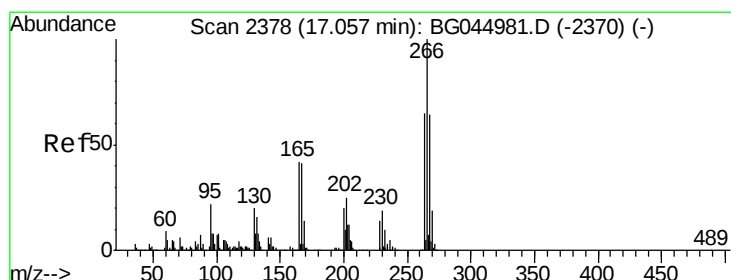
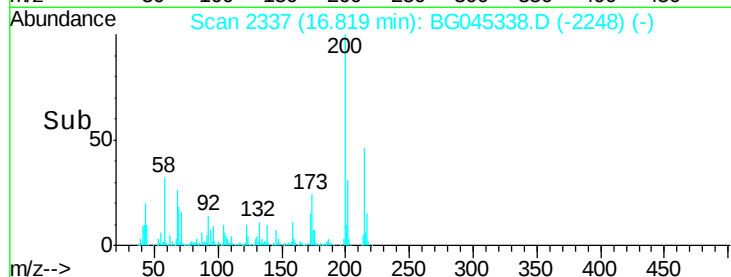
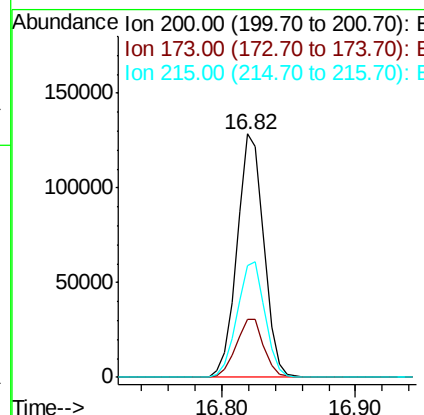
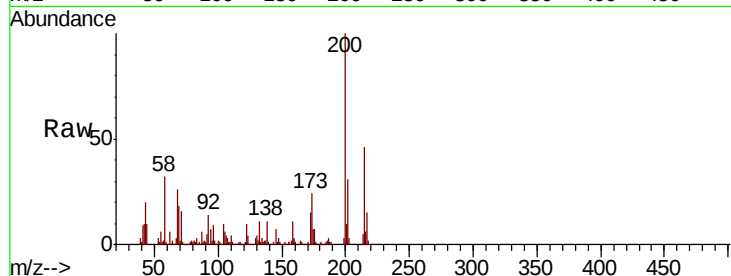
#69
Atrazine
Concen: 37.866 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	4.5	44.5
215	45.7	30.0	70.0

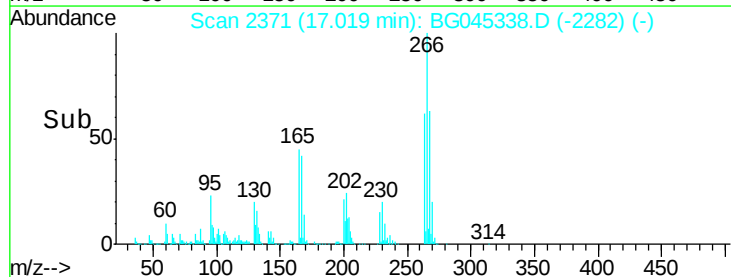
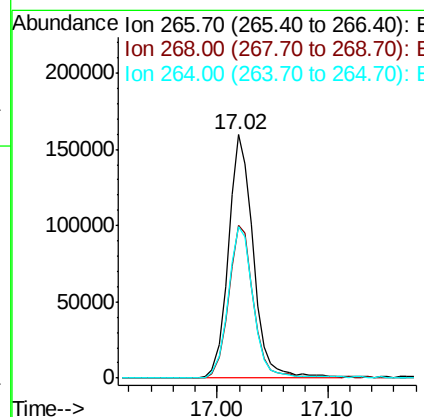
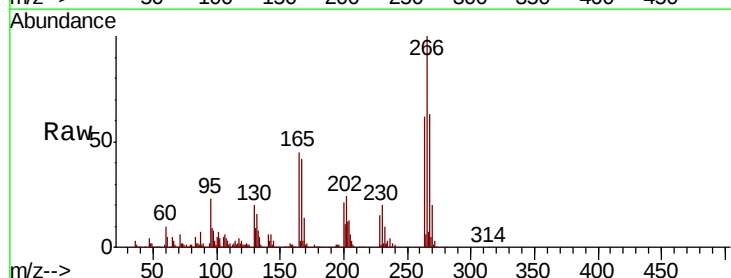
Manual Integrations
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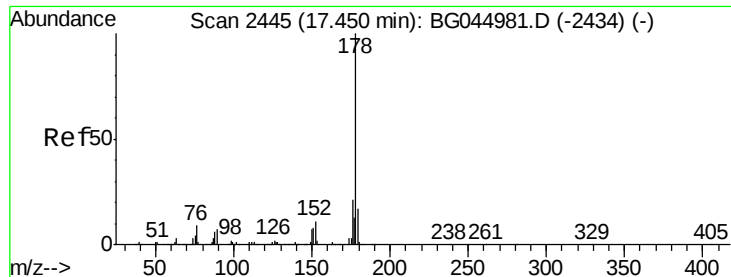
mohammad
5/14/2020 8:37:28 AM



#70
Pentachlorophenol
Concen: 69.241 ng
RT: 17.02 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.5	77.3
264	62.3	52.2	78.4





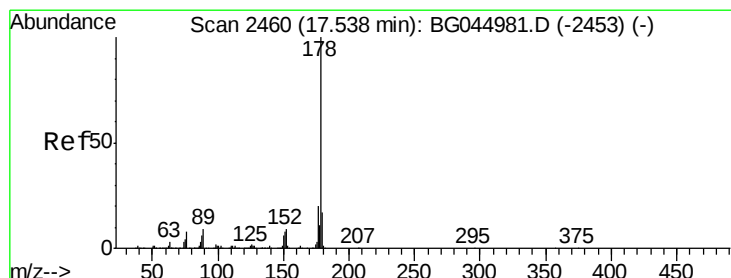
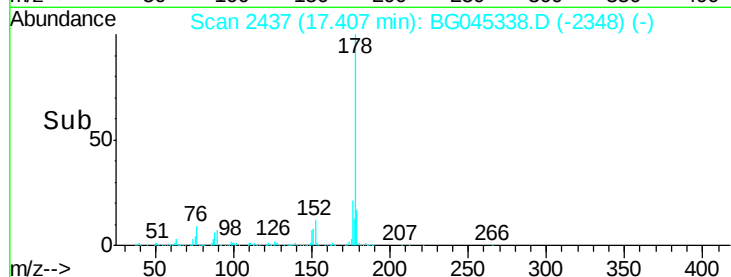
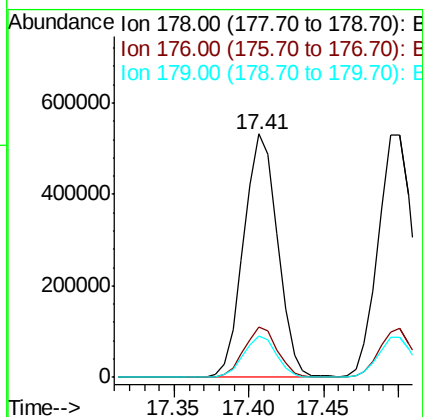
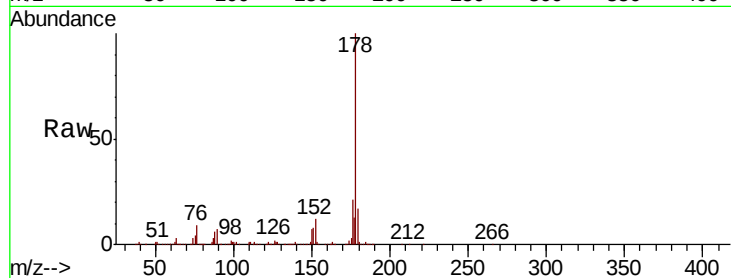
#71
Phenanthrene
Concen: 36.877 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.8	25.2
179	17.2	13.2	19.8

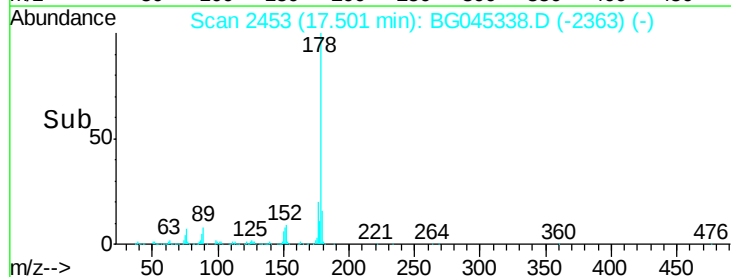
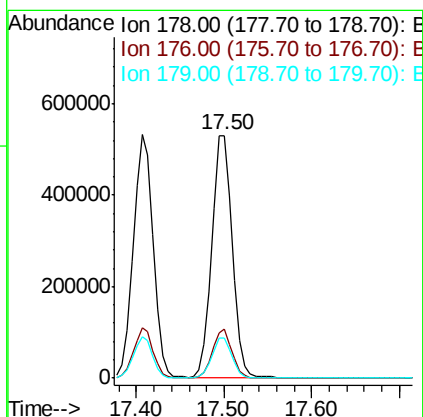
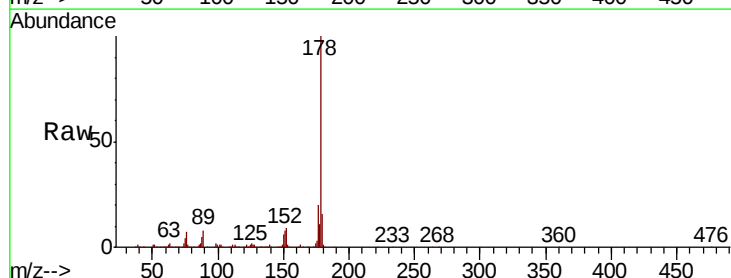
Manual Integrations
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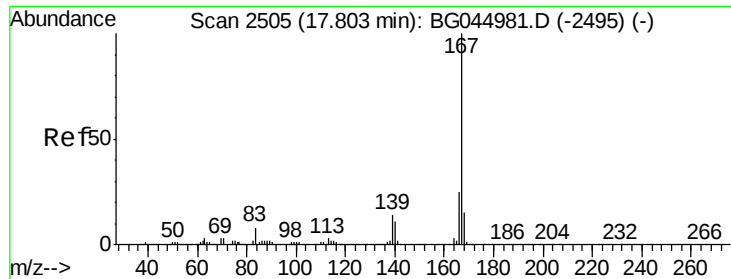
mohammad
5/14/2020 8:37:28 AM



#72
Anthracene
Concen: 38.091 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.3	13.6	20.4





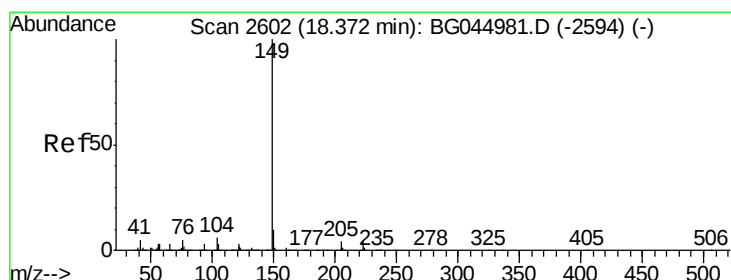
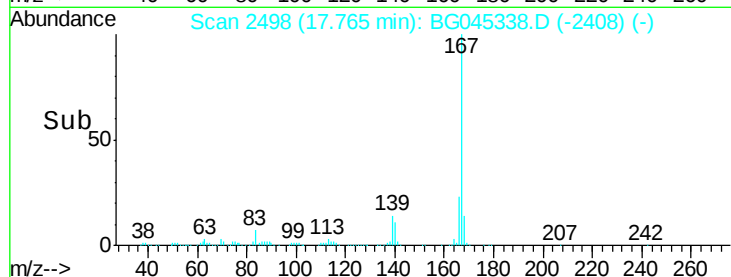
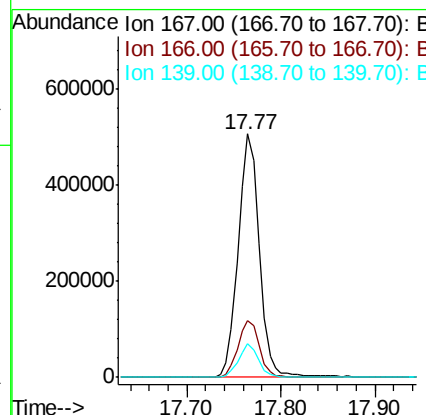
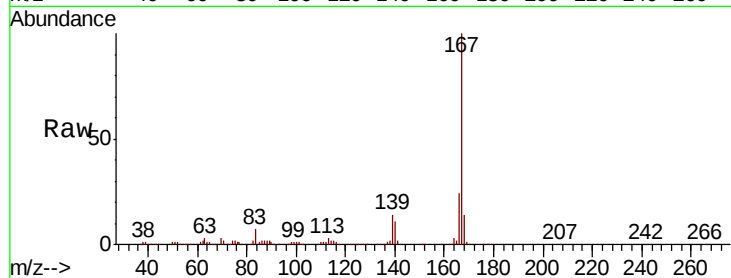
#73
 Carbazole
 Concen: 34.150 ng
 RT: 17.77 min Scan# 2498
 Delta R.T. 0.00 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB128765BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.8	29.6
139	13.6	10.9	16.3

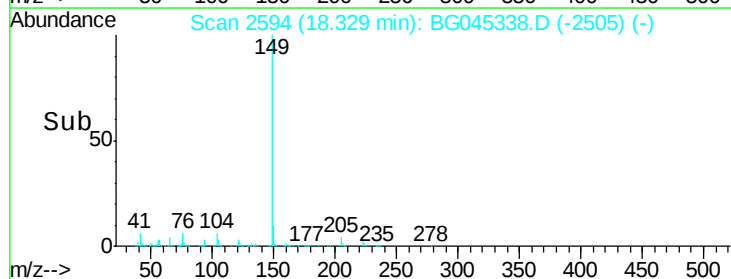
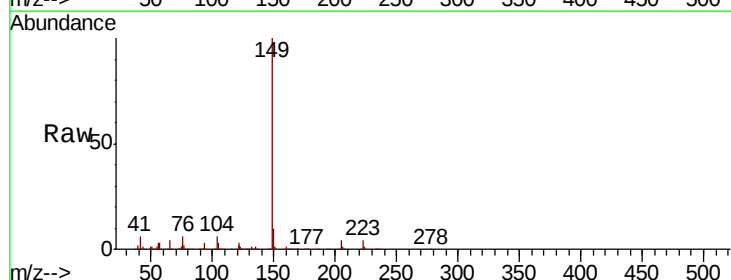
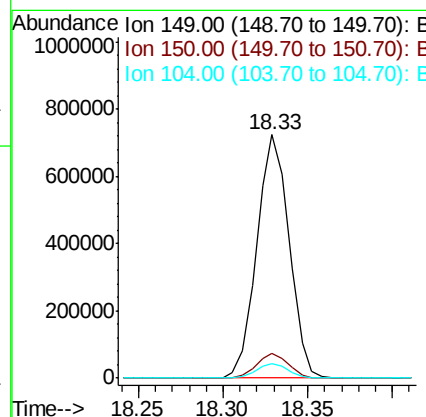
Manual Integrations
 APPROVED

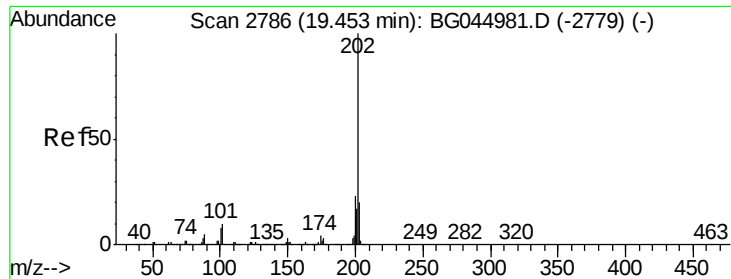
mohammad
 5/14/2020 8:37:28 AM



#74
 Di-n-butylphthalate
 Concen: 37.132 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG045338.D
 Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	6.0	4.8	7.2





#75

Fluoranthene

Concen: 38.519 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Instrument :

BNA_G

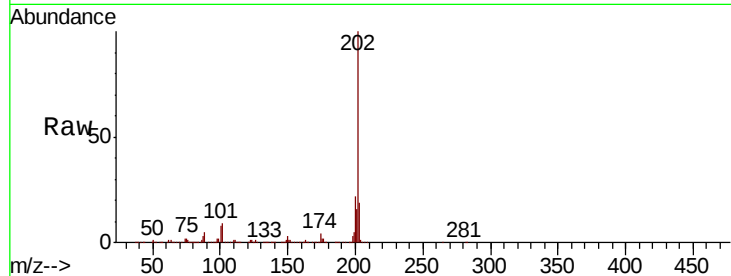
ClientSampleId :

PB128765BS

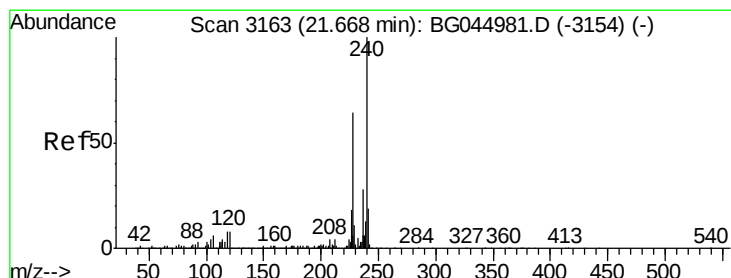
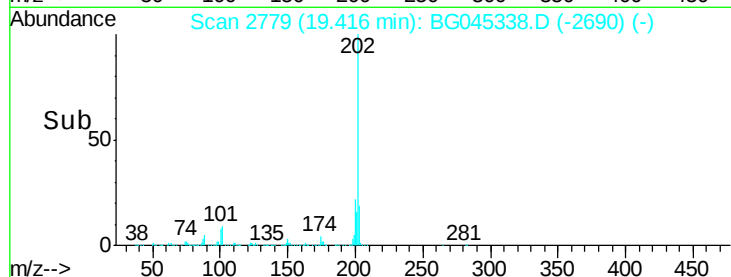
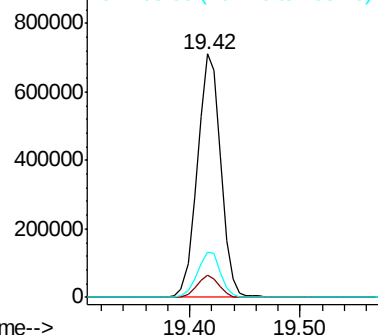
Tot Ion:	202	Resp:	1054597
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	29.6
203	18.6	0.0	39.7

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



#76

Chrysene-d12

Concen: 20.000 ng

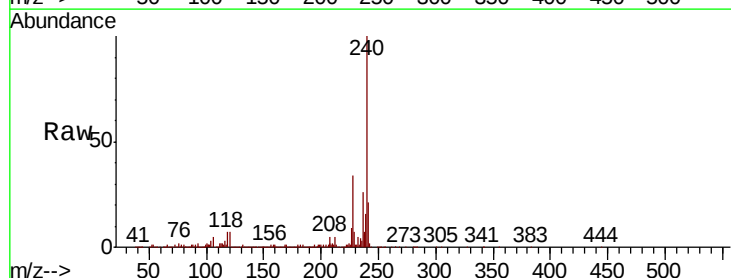
RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

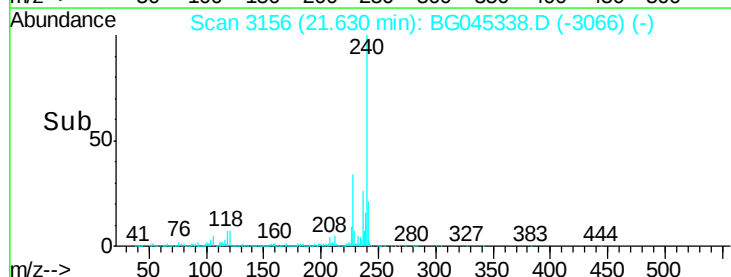
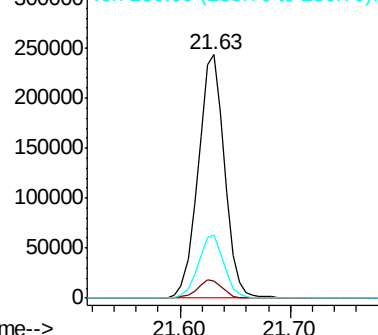
Lab File: BG045338.D

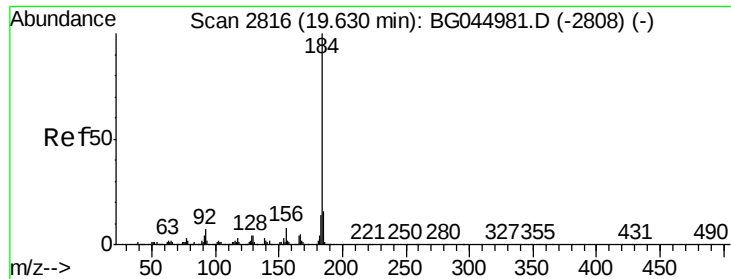
Acq: 12 May 2020 21:06

Tgt Ion:	240	Resp:	406591
Ion Ratio	Lower	Upper	
240	100		
120	6.8	6.6	10.0
236	25.9	22.2	33.2



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





#77

Benzidine

Concen: 36.143 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Instrument :

BNA_G

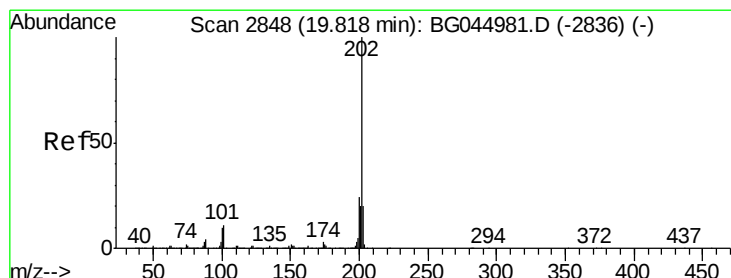
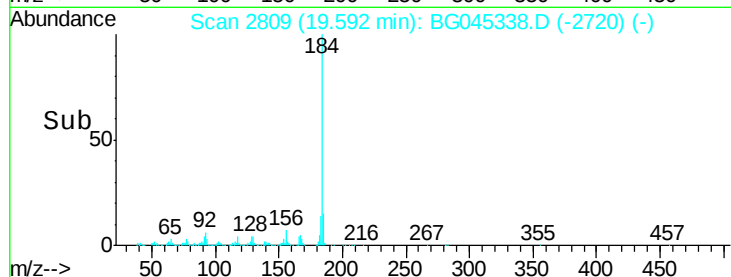
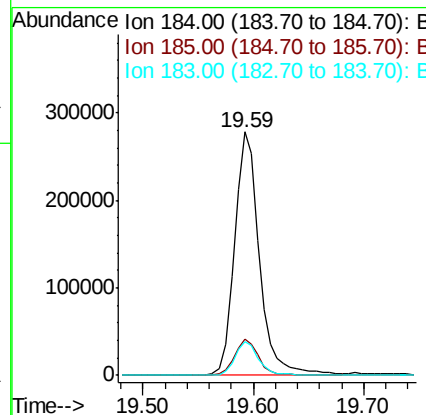
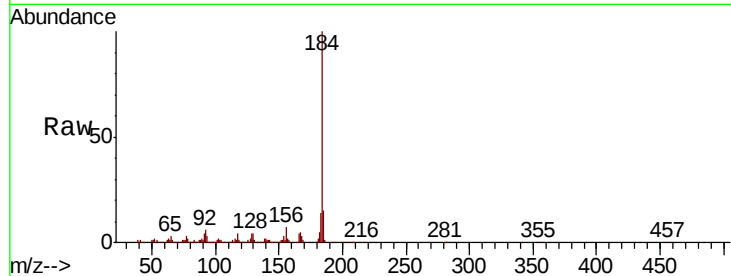
ClientSampleId :

PB128765BS

Tot Ion:	184	Resp:	439445
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	19.0
183	13.7	11.3	16.9

Manual Integrations
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#78

Pyrene

Concen: 37.502 ng

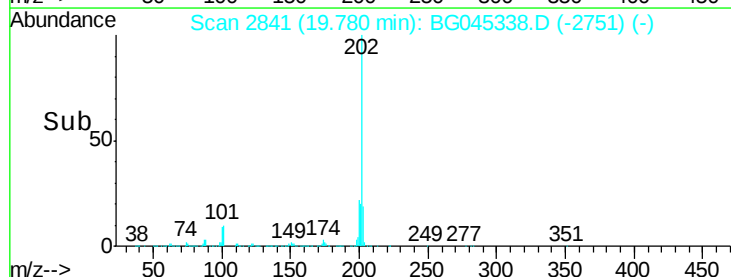
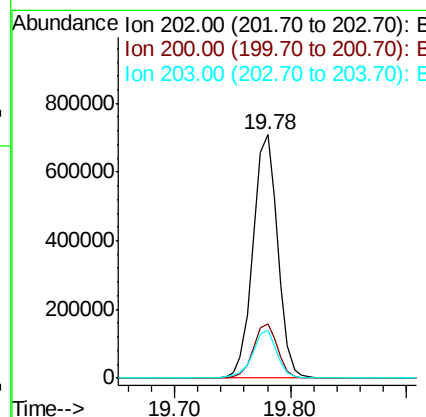
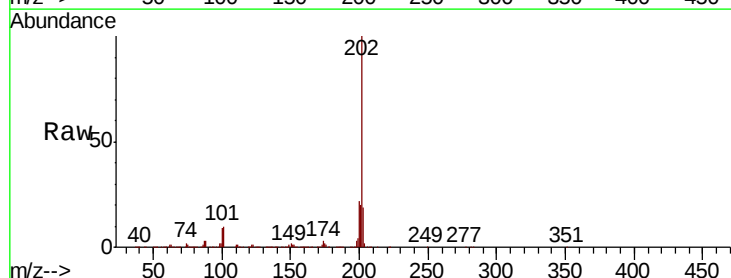
RT: 19.78 min Scan# 2841

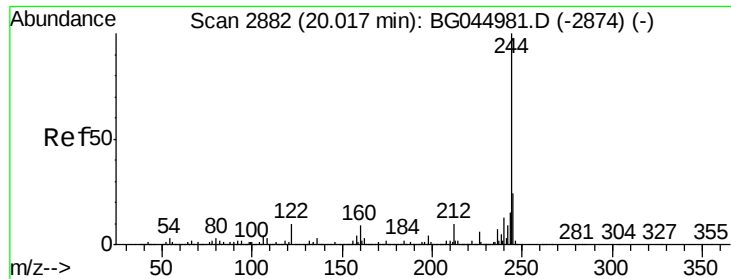
Delta R.T. 0.00 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Tgt Ion:	202	Resp:	1051192
Ion Ratio	Lower	Upper	
202	100		
200	22.2	19.0	28.6
203	19.4	16.1	24.1





#79

Terphenyl-d14

Concen: 84.618 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Instrument :

BNA_G

ClientSampleId :

PB128765BS

Tot Ion:244 Resp: 1578515

Ion Ratio Lower Upper

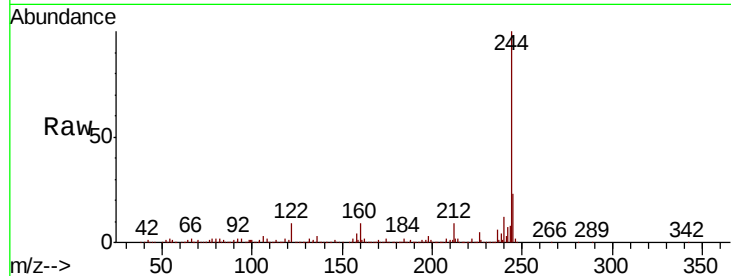
244 100

212 9.0 7.9 11.9

122 8.5 7.7 11.5

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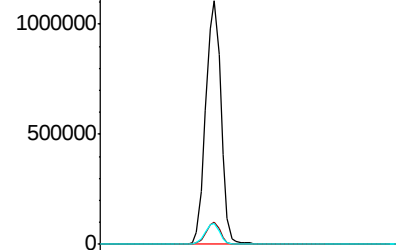
mohammad
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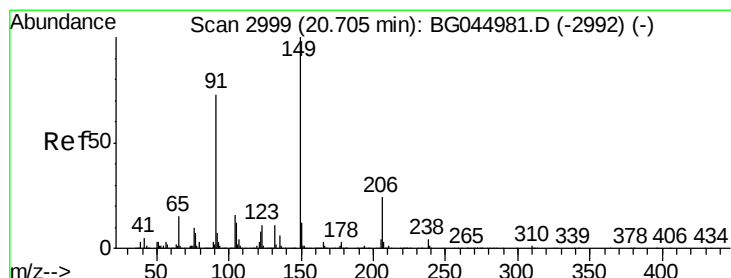
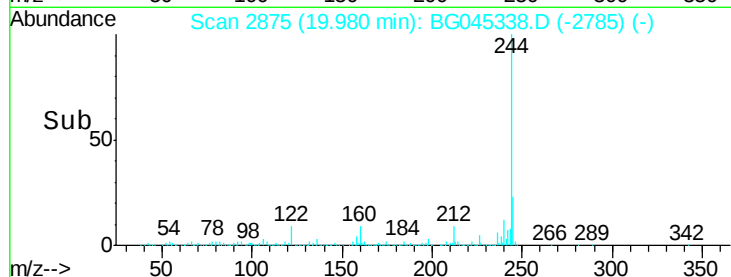
Abundance Ion 244.00 (243.70 to 244.70): E

1500000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 36.342 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

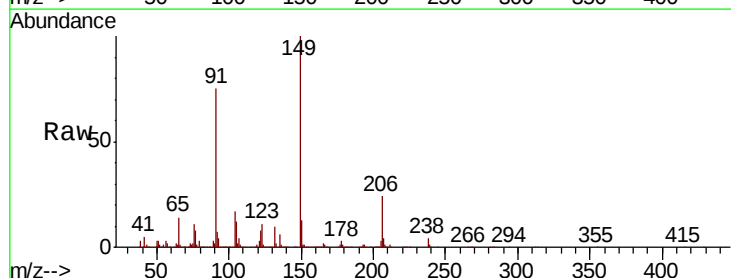
Tgt Ion:149 Resp: 422261

Ion Ratio Lower Upper

149 100

91 74.7 58.5 87.7

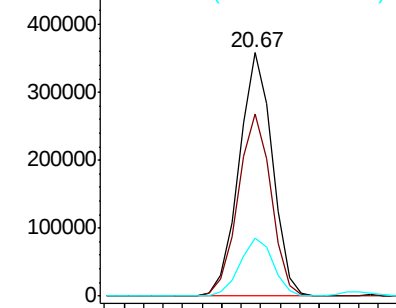
206 23.8 19.2 28.8



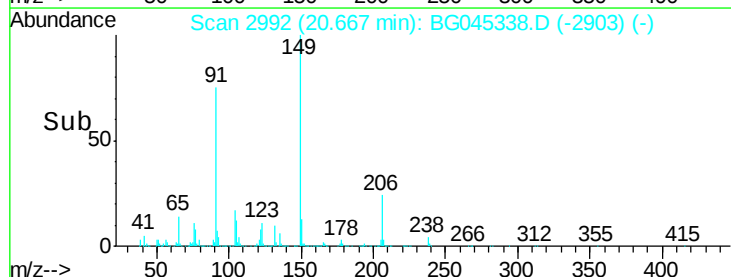
Abundance Ion 149.00 (148.70 to 149.70): E

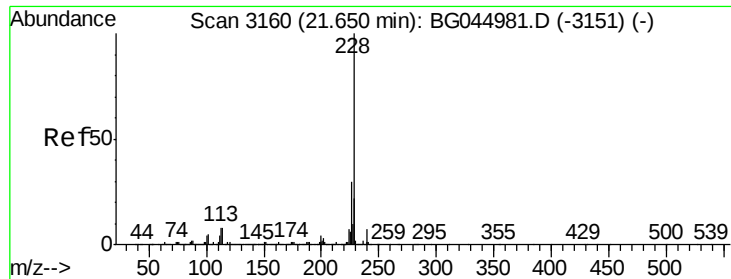
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 37.621 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Instrument :

BNA_G

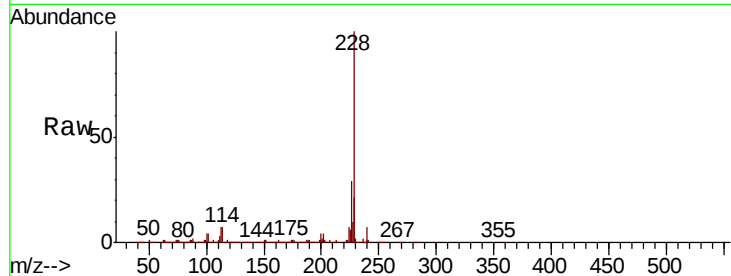
ClientSampleId :

PB128765BS

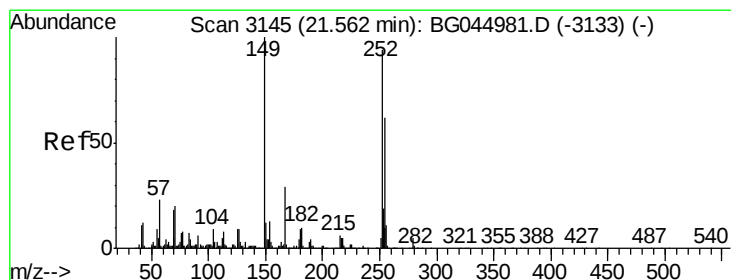
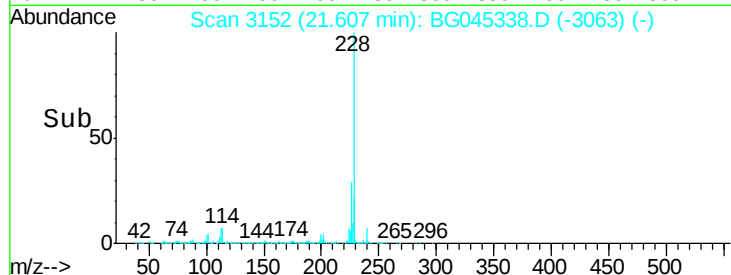
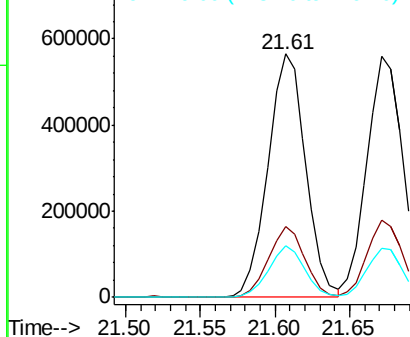
Tot Ion:	228	Resp:	991420
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.0	36.0
229	21.2	17.5	26.3

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



#82

3,3'-Dichlorobenzidine

Concen: 20.263 ng

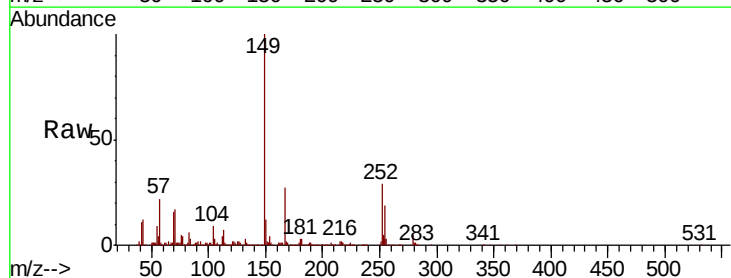
RT: 21.52 min Scan# 3138

Delta R.T. 0.00 min

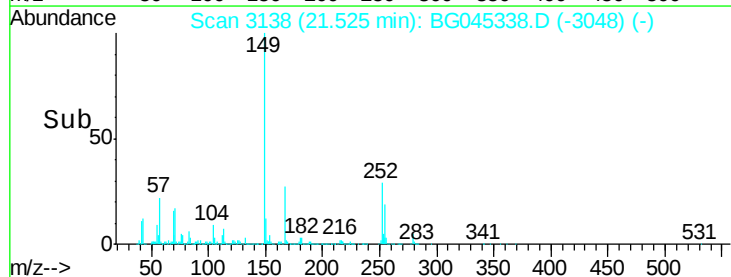
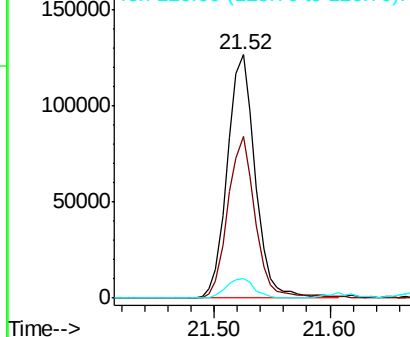
Lab File: BG045338.D

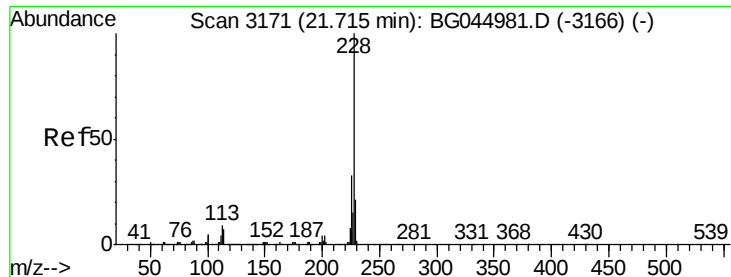
Acq: 12 May 2020 21:06

Tgt Ion:	252	Resp:	212540
Ion Ratio	Lower	Upper	
252	100		
254	66.2	52.6	79.0
126	8.3	7.5	11.3



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





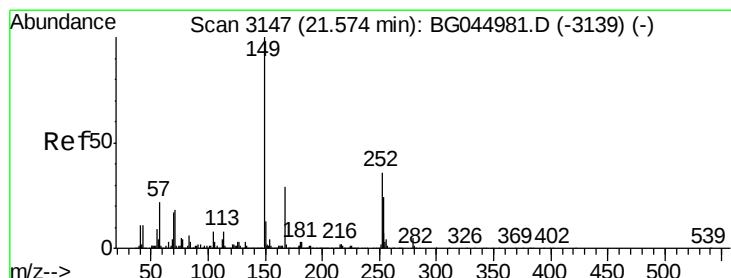
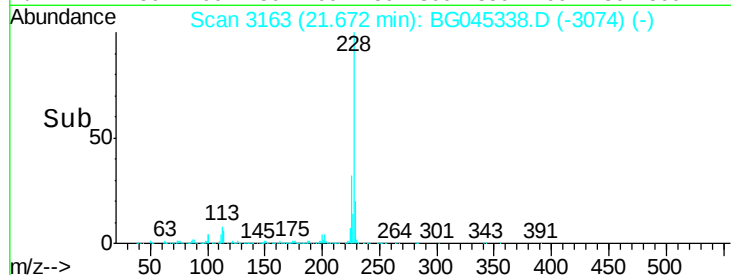
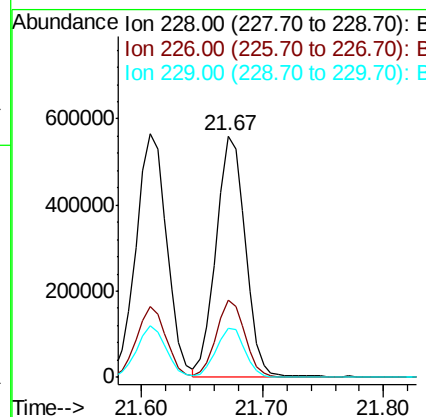
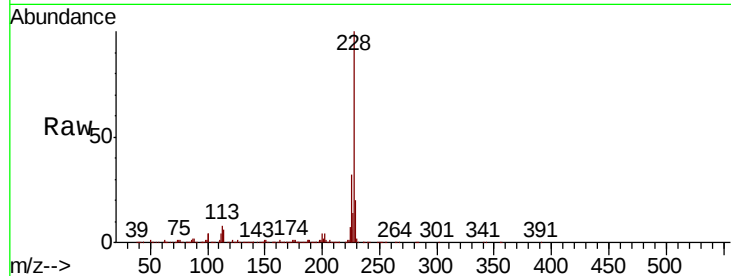
#83
Chrysene
Concen: 36.897 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion:	228	Resp:	934246
Ion Ratio	Lower	Upper	
228	100		
226	32.3	26.2	39.4
229	20.2	17.0	25.6

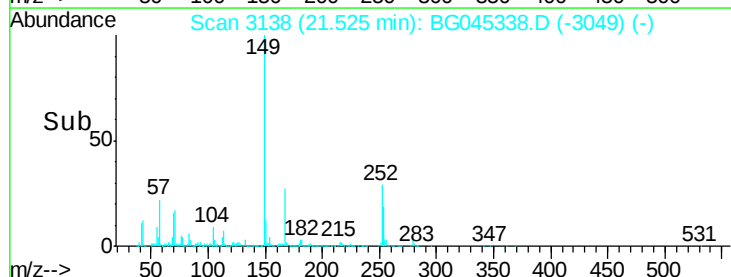
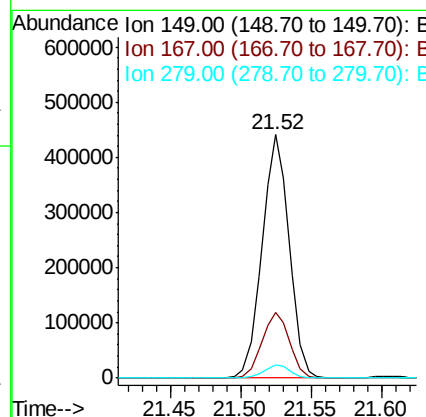
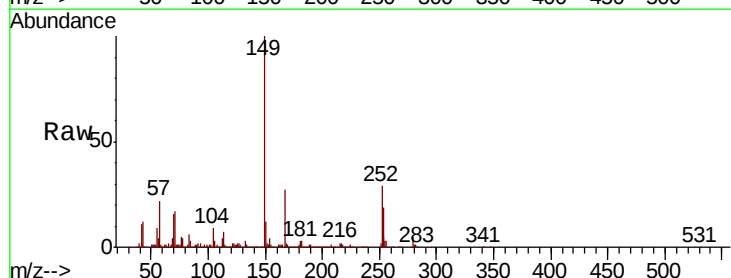
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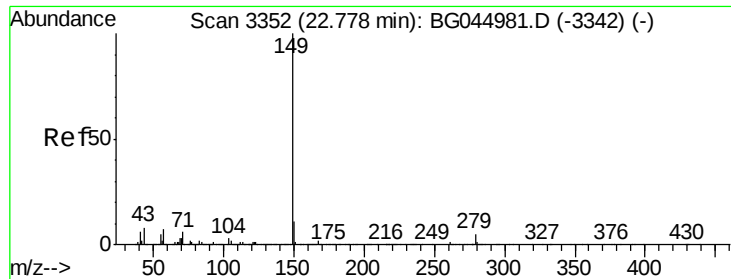
mohammad
5/14/2020 8:37:28 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.156 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion:	149	Resp:	593758
Ion Ratio	Lower	Upper	
149	100		
167	27.2	23.4	35.0
279	5.2	4.3	6.5





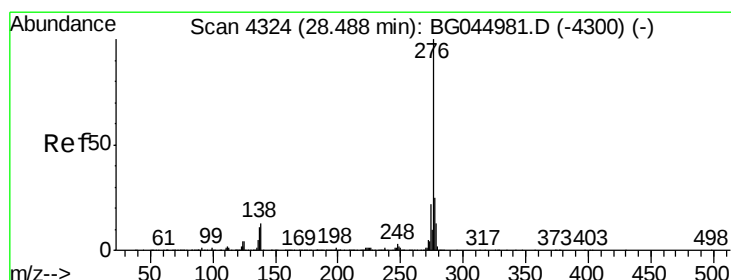
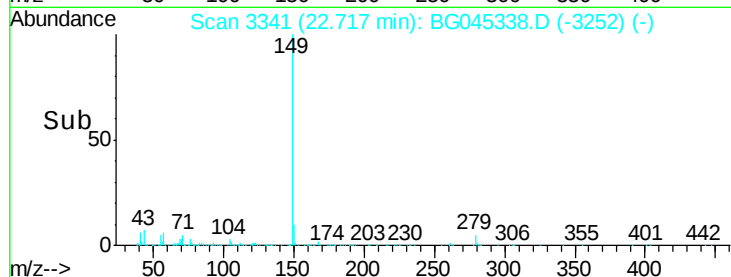
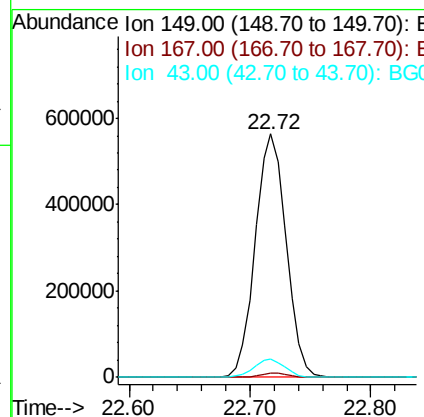
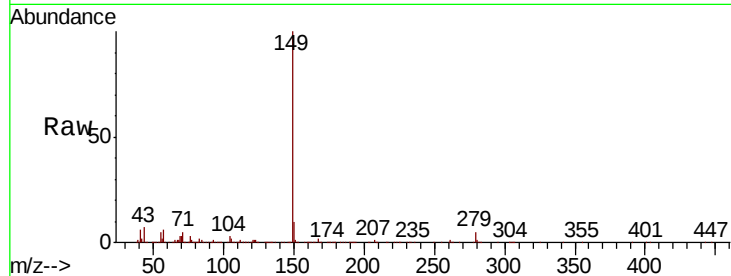
#85
Di-n-octyl phthalate
Concen: 36.387 ng
RT: 22.72 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.3	5.7	8.5

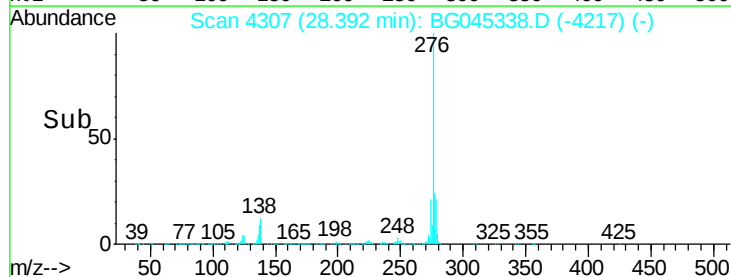
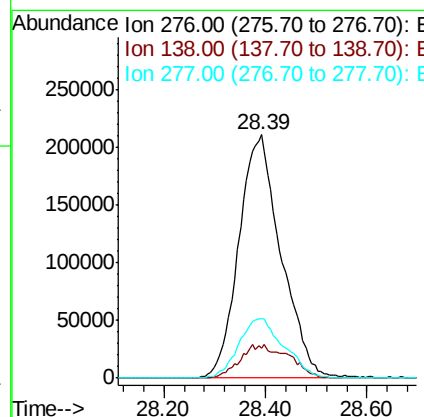
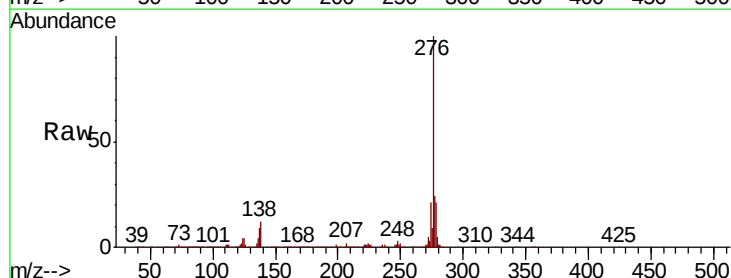
Manual Integrations
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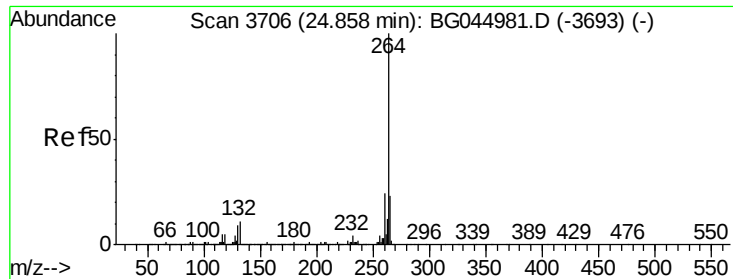
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.226 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.00 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.7	9.6	14.4#
277	26.2	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Instrument :

BNA_G

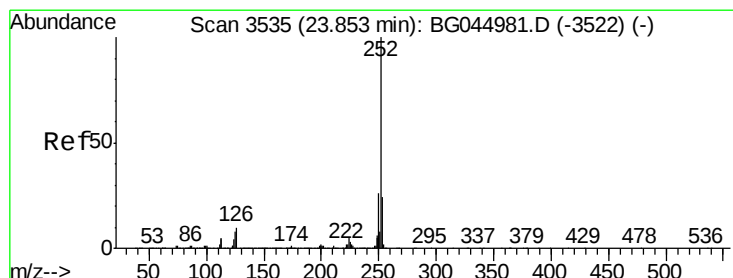
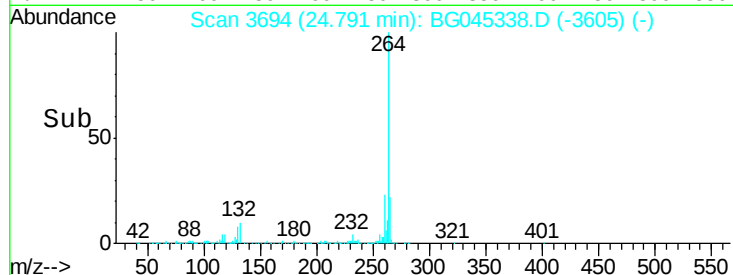
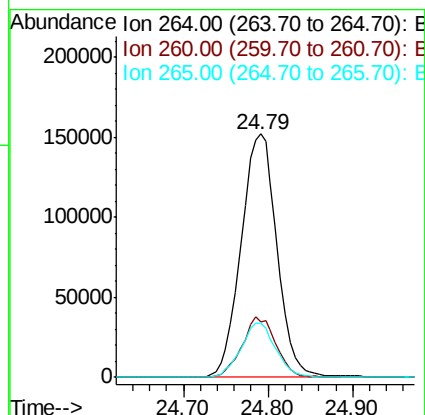
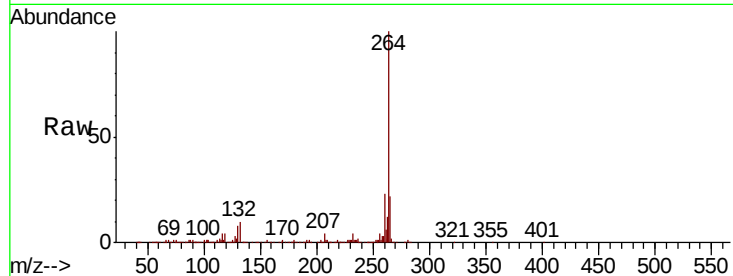
ClientSampleId :

PB128765BS

Tot Ion:	264	Resp:	447193
Ion Ratio		Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.2	19.0	28.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 36.375 ng

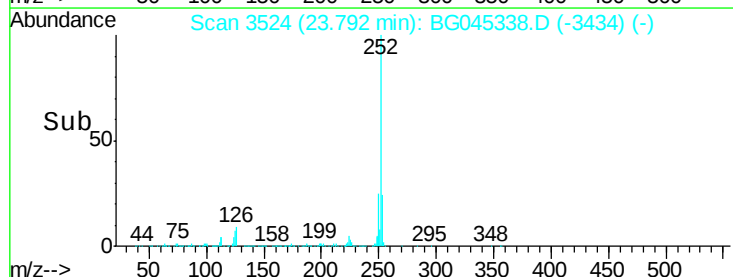
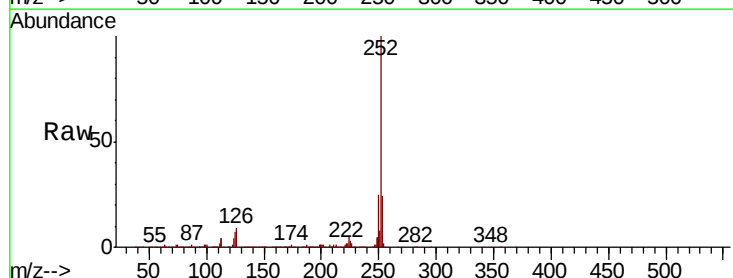
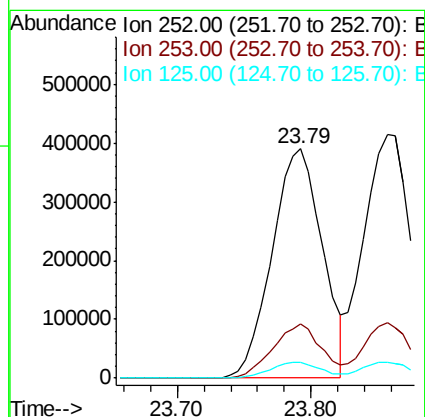
RT: 23.79 min Scan# 3524

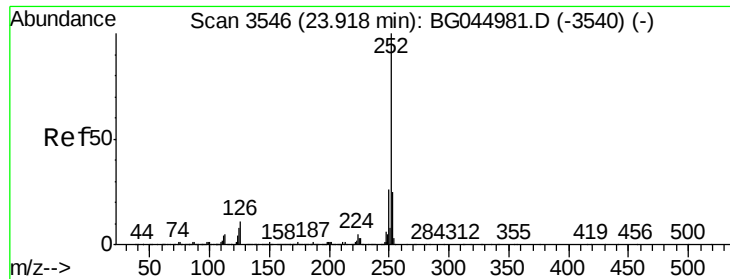
Delta R.T. 0.00 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Tgt Ion:	252	Resp:	1018941
Ion Ratio		Lower	Upper
252	100		
253	23.6	18.8	28.2
125	6.8	6.2	9.4





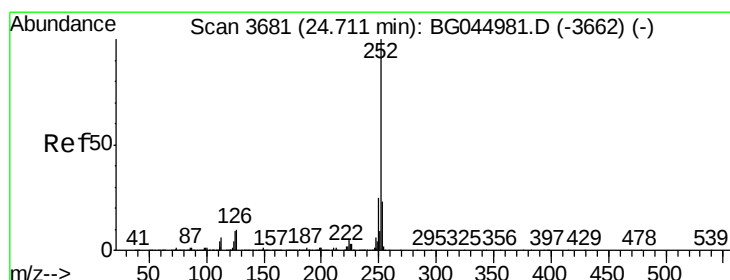
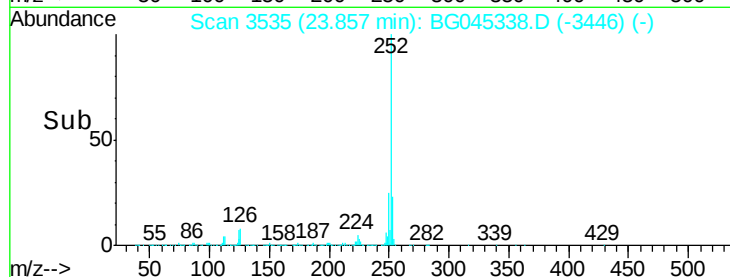
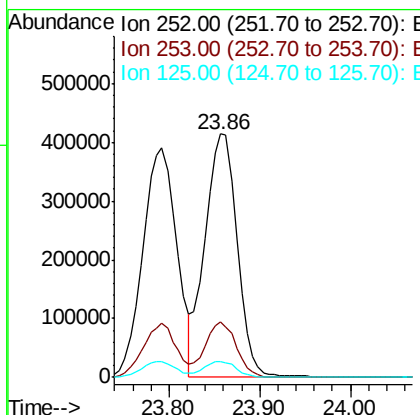
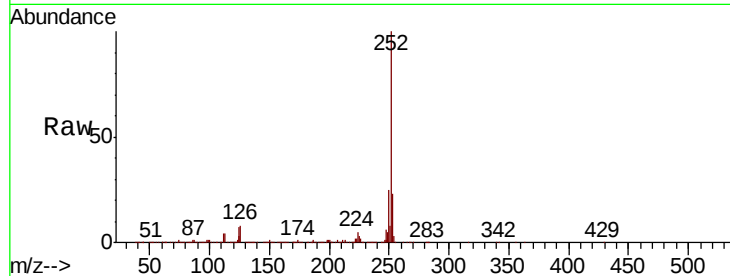
#89
Benzo(k)fluoranthene
Concen: 38.359 ng
RT: 23.86 min Scan# 3535
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	6.6	5.9	8.9

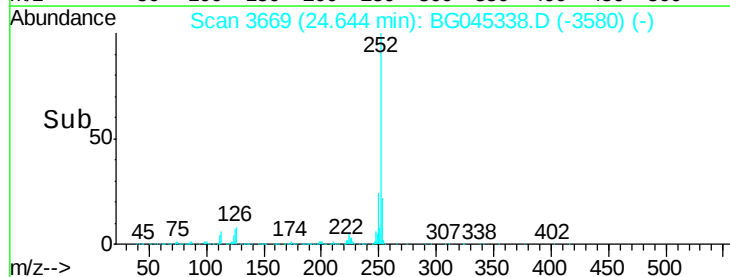
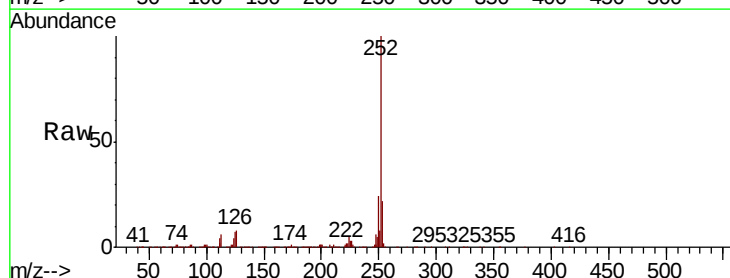
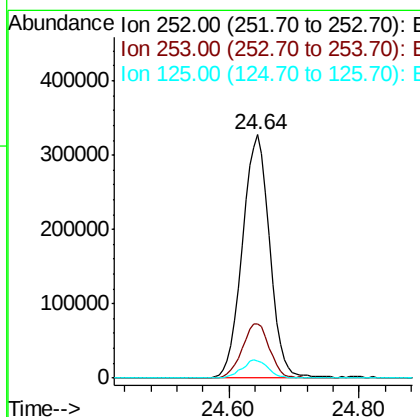
Manual Integrations
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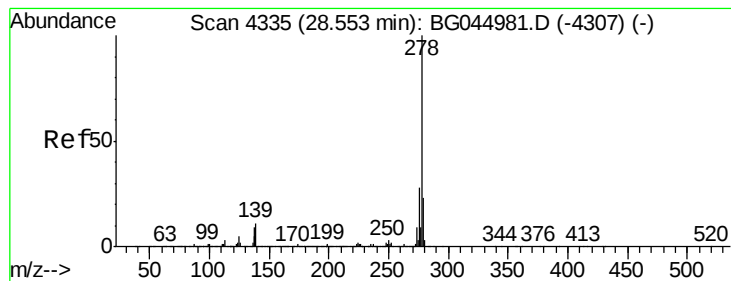
mohammad
5/14/2020 8:37:28 AM



#90
Benzo(a)pyrene
Concen: 35.847 ng
RT: 24.64 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG045338.D
Acq: 12 May 2020 21:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	7.0	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 37.471 ng

RT: 28.44 min Scan# 4316

Delta R.T. -0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Instrument :

BNA_G

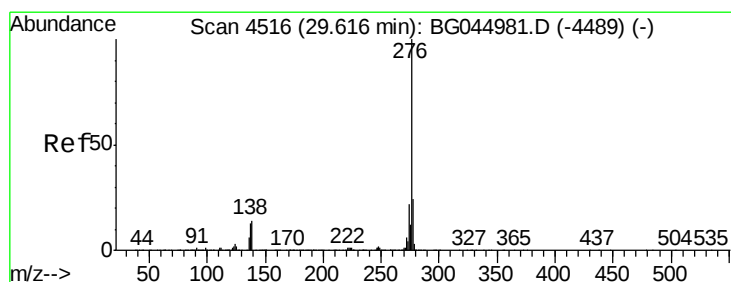
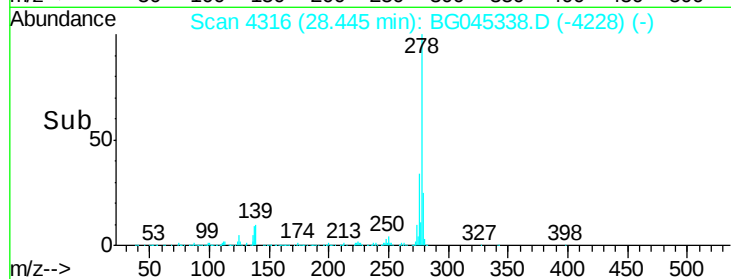
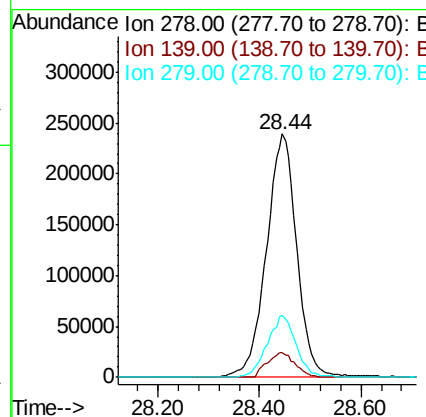
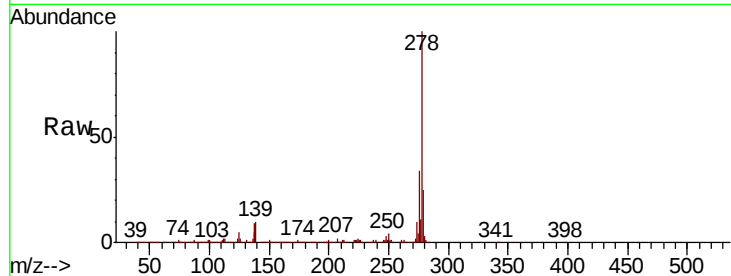
ClientSampleId :

PB128765BS

Tot Ion:	278	Resp:	998609
Ion Ratio	Lower	Upper	
278	100		
139	10.3	9.0	13.6
279	25.3	18.4	27.6

Manual Integrations
APPROVED

mohammad
5/14/2020 8:37:28 AM



#92

Benzo(g,h,i)perylene

Concen: 38.206 ng

RT: 29.50 min Scan# 4496

Delta R.T. -0.01 min

Lab File: BG045338.D

Acq: 12 May 2020 21:06

Tgt Ion:	276	Resp:	1020803
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.3	28.9
138	12.7	11.4	17.2

