

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
 Data File : BG045833.D
 Acq On : 23 Jun 2020 10:07
 Operator : CG/JU
 Sample : PB129662BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

Manual Integrations
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mohammad
 6/24/2020 11:00:05 AM

Quant Time: Jun 23 11:08:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	47838	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	185872	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	131093	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	313901	20.00	ng	0.00
76) Chrysene-d12	21.58	240	300027	20.00	ng	0.00
86) Perylene-d12	24.70	264	330931	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	404197	142.73	ng	0.00
7) Phenol-d6	7.14	99	565872	131.37	ng	-0.02
23) Nitrobenzene-d5	9.08	82	364757	89.65	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	264211	133.50	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	805234	90.27	ng	0.00
79) Terphenyl-d14	19.93	244	1400508	94.60	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	49954	38.514	ng	99
3) Pyridine	3.77	79	140536	36.564	ng	99
4) n-Nitrosodimethylamine	3.68	42	60100	46.584	ng	96
6) Aniline	7.24	93	210291	41.461	ng	98
8) 2-Chlorophenol	7.50	128	144303	47.605	ng	95
9) Benzaldehyde	7.05	77	83971	32.455	ng	96
10) Phenol	7.17	94	187964	45.034	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	129939	40.987	ng	98
12) 1,3-Dichlorobenzene	7.80	146	159782	44.232	ng	97
13) 1,4-Dichlorobenzene	7.95	146	161531	44.768	ng	95
14) 1,2-Dichlorobenzene	8.27	146	148399	42.961	ng	96
15) Benzyl Alcohol	8.17	79	146850	44.053	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	122878	41.126	ng	81
17) 2-Methylphenol	8.41	107	129019	41.536	ng	96
18) Hexachloroethane	8.99	117	60836	44.393	ng	91
19) n-Nitroso-di-n-propylamine	8.72	70	120816	42.661	ng	98
20) 3+4-Methylphenols	8.74	107	171373	41.951	ng	# 73
22) Acetophenone	8.74	105	219717	43.068	ng	99
24) Nitrobenzene	9.12	77	186608	43.015	ng	99
25) Isophorone	9.65	82	325713	41.352	ng	98
26) 2-Nitrophenol	9.84	139	80743	44.675	ng	97
27) 2,4-Dimethylphenol	9.93	122	129360	46.880	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	177181	43.064	ng	99
29) 2,4-Dichlorophenol	10.40	162	146787	45.595	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	165351	43.385	ng	94
31) Naphthalene	10.77	128	438844	43.185	ng	98
32) Benzoic acid	10.13	122	75517	43.284	ng	94
33) 4-Chloroaniline	10.89	127	153195	35.999	ng	98
34) Hexachlorobutadiene	11.06	225	116679	43.047	ng	97
35) Caprolactam	11.67	113	48520m	46.573	ng	
36) 4-Chloro-3-methylphenol	12.06	107	167547	45.074	ng	98
37) 2-Methylnaphthalene	12.38	142	330936	43.734	ng	98
38) 1-Methylnaphthalene	12.60	142	317595	44.352	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	189583	43.920	ng	98

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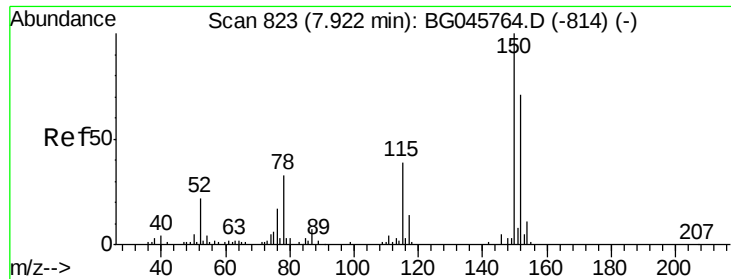
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	225441	93.019	nq	99
43) 2,4,6-Trichlorophenol	13.01	196	125698	42.950	nq	97
44) 2,4,5-Trichlorophenol	13.11	196	131247	39.348	nq	96
46) 1,1'-Biphenyl	13.39	154	408757	43.552	nq	99
47) 2-Chloronaphthalene	13.44	162	326219	43.029	nq	99
48) 2-Nitroaniline	13.65	65	106139	42.087	nq	99
49) Acenaphthylene	14.29	152	521379	42.934	nq	99
50) Dimethylphthalate	14.02	163	439457	42.791	nq	99
51) 2,6-Dinitrotoluene	14.15	165	99113	42.969	nq	95
52) Acenaphthene	14.63	154	314866	42.776	nq	99
53) 3-Nitroaniline	14.49	138	80462	34.924	nq	# 95
54) 2,4-Dinitrophenol	14.69	184	110152	85.139	nq	94
55) Dibenzofuran	14.97	168	512231	42.837	nq	99
56) 4-Nitrophenol	14.86	139	125273	76.095	nq	98
57) 2,4-Dinitrotoluene	14.94	165	142339	43.069	nq	# 98
58) Fluorene	15.62	166	434627	43.711	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	124818	43.115	nq	98
60) Diethylphthalate	15.39	149	454313	43.274	nq	97
61) 4-Chlorophenyl-phenylether	15.61	204	243359	42.465	nq	97
62) 4-Nitroaniline	15.66	138	99644	42.141	nq	93
63) Azobenzene	15.90	77	439132	43.562	nq	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	93018	47.950	nq	96
66) n-Nitrosodiphenylamine	15.83	169	382462	43.017	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	166074	40.717	nq	98
68) Hexachlorobenzene	16.63	284	188613	44.595	nq	93
69) Atrazine	16.78	200	149366	43.294	nq	96
70) Pentachlorophenol	16.98	266	158670	76.444	nq	96
71) Phenanthrene	17.36	178	698027	43.117	nq	99
72) Anthracene	17.45	178	713499	44.259	nq	100
73) Carbazole	17.73	167	657578	42.839	nq	99
74) Di-n-butylphthalate	18.28	149	786704	43.284	nq	100
75) Fluoranthene	19.37	202	892284	44.822	nq	99
77) Benzidine	19.56	184	540710	69.324	nq	98
78) Pyrene	19.73	202	882858	43.943	nq	98
80) Butylbenzylphthalate	20.62	149	358550	42.636	nq	94
81) Benzo(a)anthracene	21.56	228	843831	43.380	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	280700	38.150	nq	98
83) Chrysene	21.62	228	810306	43.069	nq	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	503426	43.038	nq	# 97
85) Di-n-octyl phthalate	22.65	149	867170	42.978	nq	100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1061985	44.266	nq	# 95
88) Benzo(b)fluoranthene	23.72	252	907050	43.715	nq	99
89) Benzo(k)fluoranthene	23.78	252	908332	45.740	nq	99
90) Benzo(a)pyrene	24.56	252	847089	43.704	nq	99
91) Dibenzo(a,h)anthracene	28.31	278	865399	44.982	nq	99
92) Benzo(g,h,i)perylene	29.37	276	871890	45.278	nq	98

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



#1

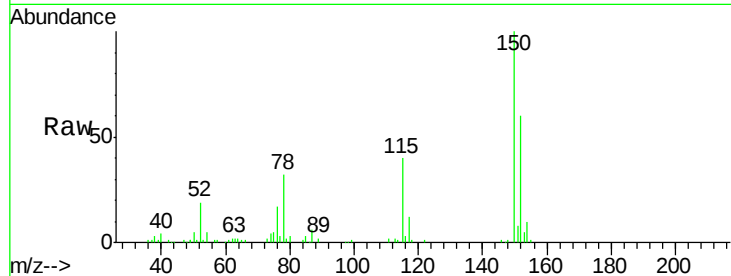
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

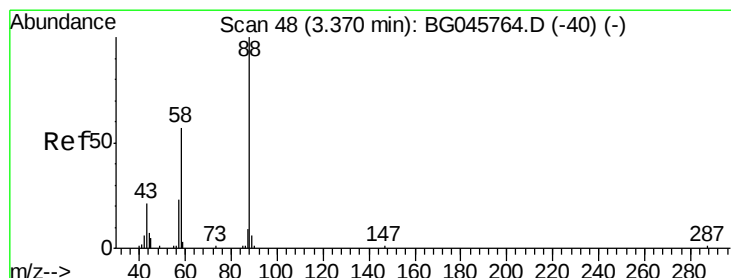
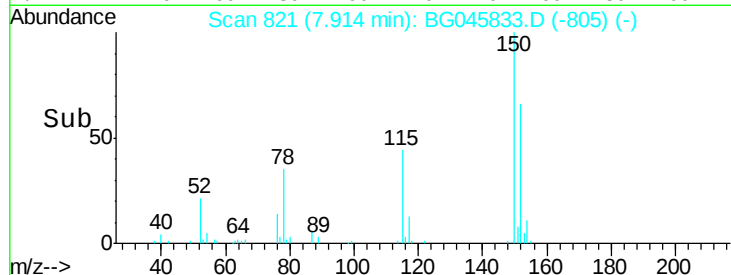
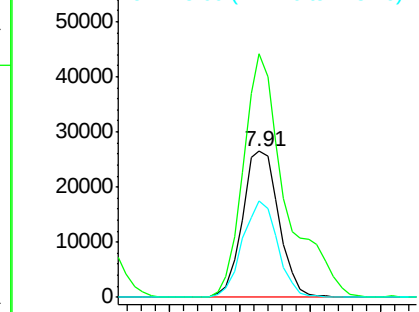
Tot Ion	Ratio	Lower	Upper
152	100		
150	166.9	113.1	169.7
115	66.0	43.8	65.6

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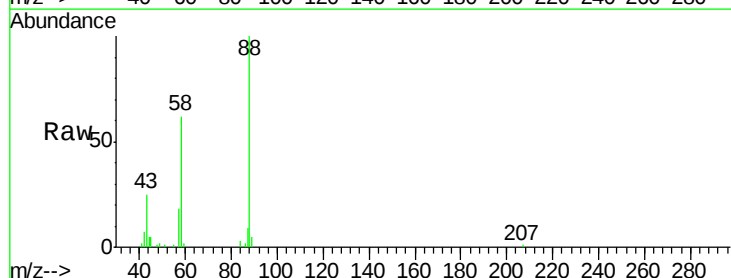
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



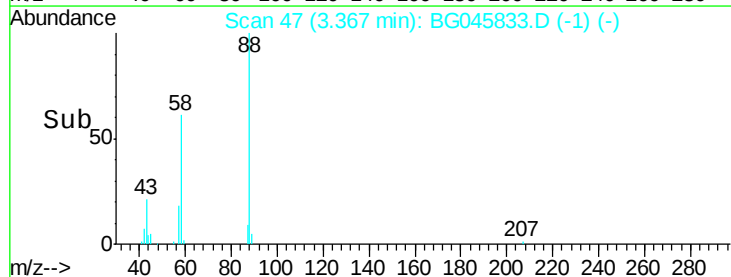
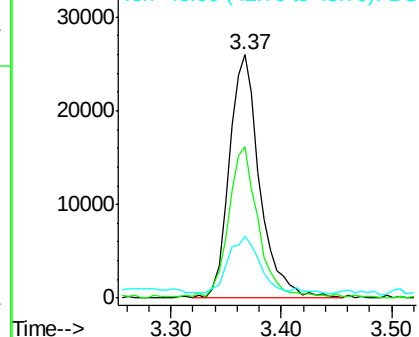
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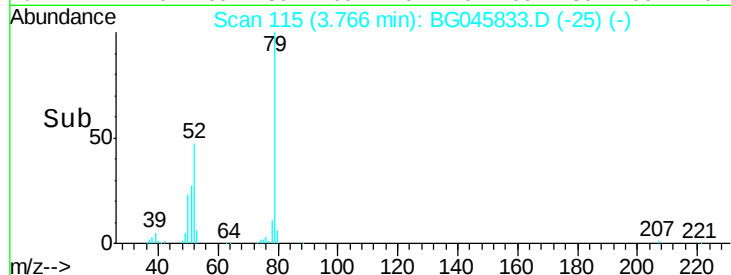
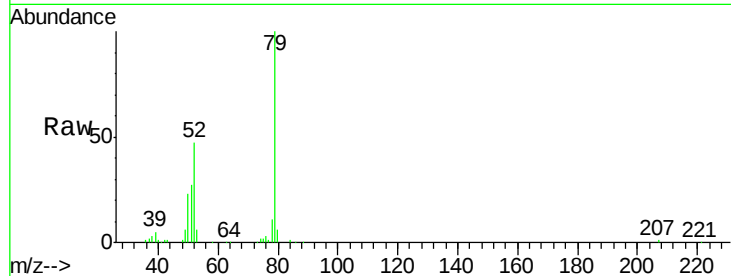
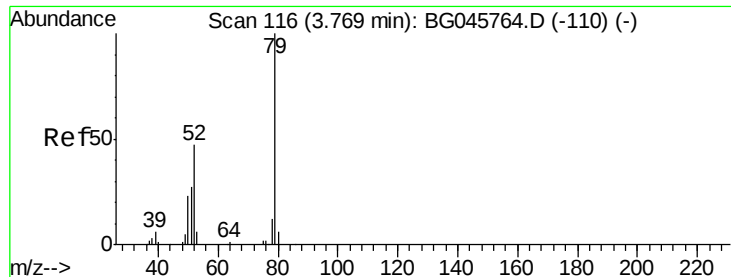
1,4-Dioxane
Concen: 38.514 ng
RT: 3.37 min Scan# 47
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.8	46.1	69.1
43	23.6	19.2	28.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





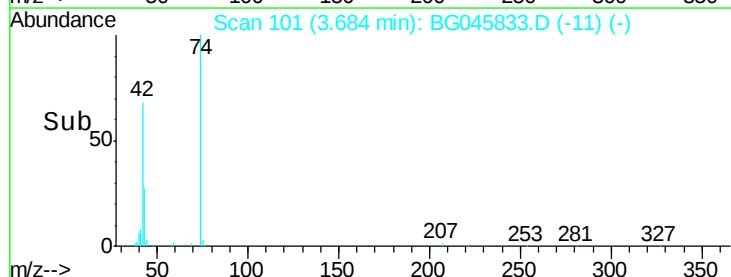
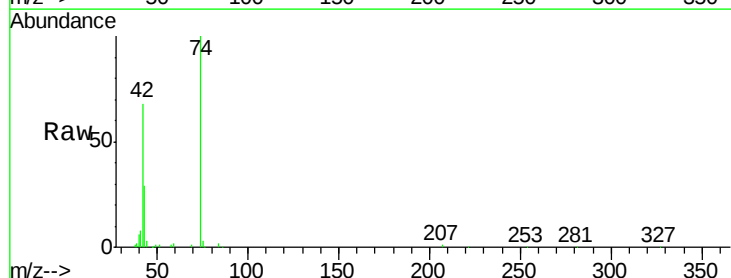
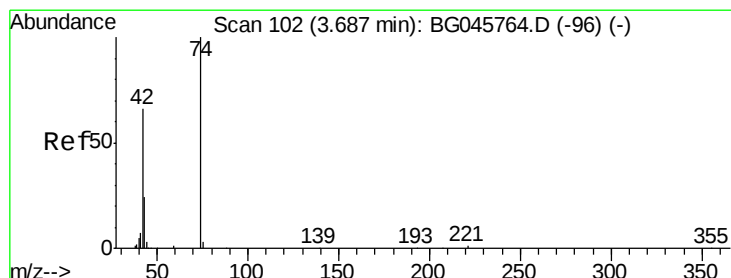
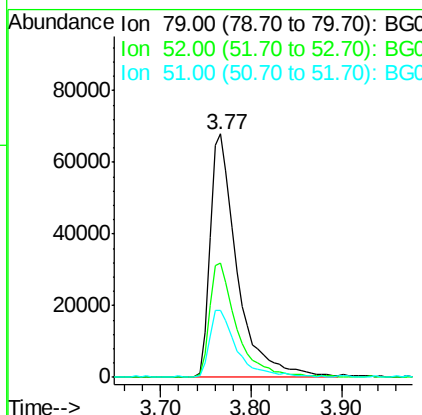
#3
 Pvridine
 Concen: 36.564 ng
 RT: 3.77 min Scan# 115
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tot Ion:	79	Resp:	140536
Ion Ratio	Lower	Upper	
79	100		
52	46.8	37.9	56.9
51	27.4	22.0	33.0

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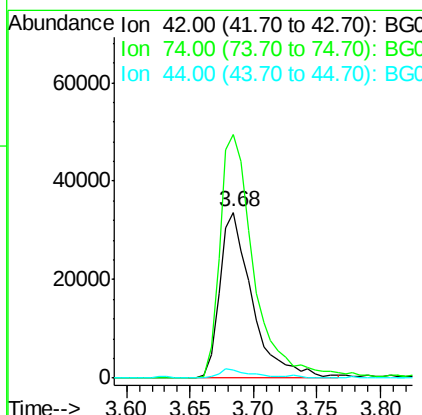
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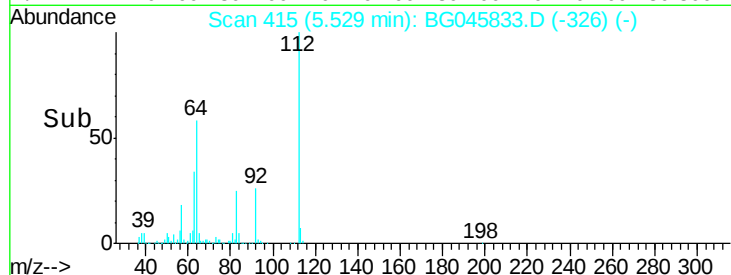
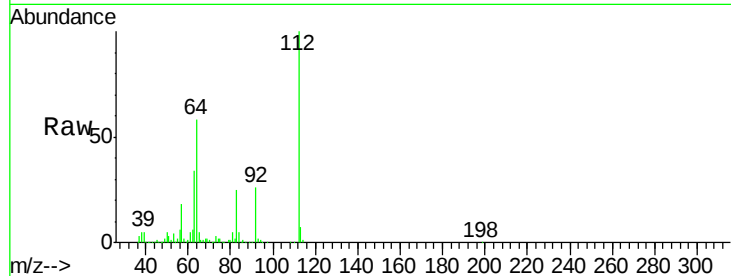
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#4
 n-Nitrosodimethylamine
 Concen: 46.584 ng
 RT: 3.68 min Scan# 101
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion:	42	Resp:	60100
Ion Ratio	Lower	Upper	
42	100		
74	146.5	121.0	181.4
44	5.1	3.5	5.3





#5

2-Fluorophenol

Concen: 142.728 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Tot Ion:	112	Resp:	404197
Ion Ratio	Lower	Upper	
112	100		
64	58.2	46.6	69.8
63	33.9	26.3	39.5

Instrument :

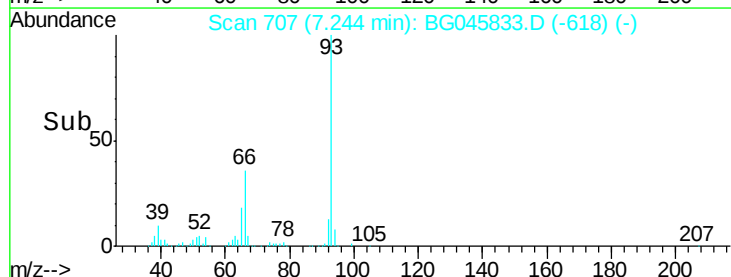
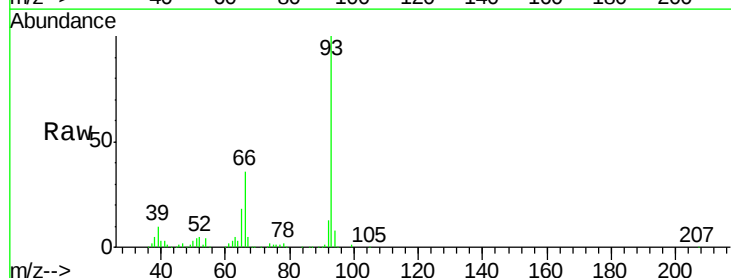
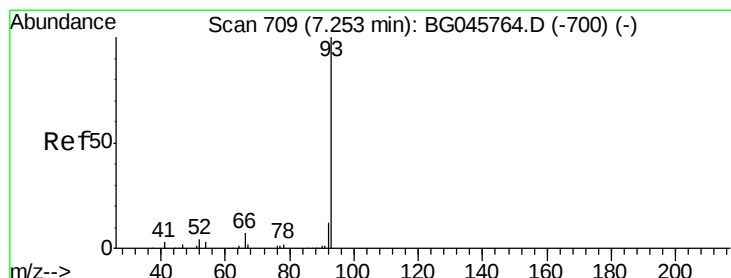
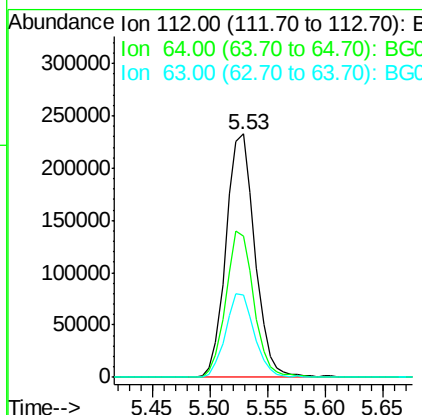
BNA_G

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#6

Aniline

Concen: 41.461 ng

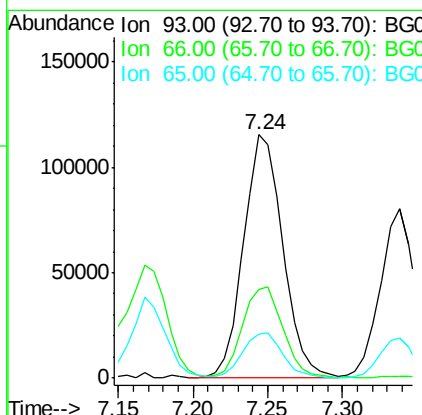
RT: 7.24 min Scan# 707

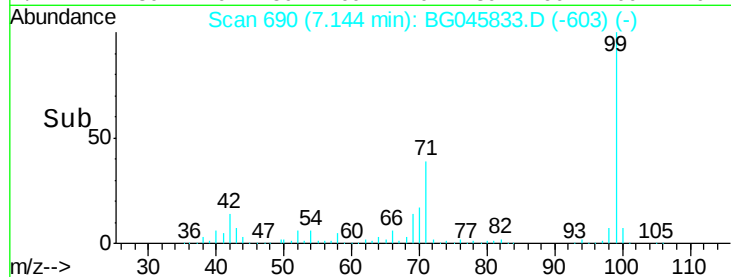
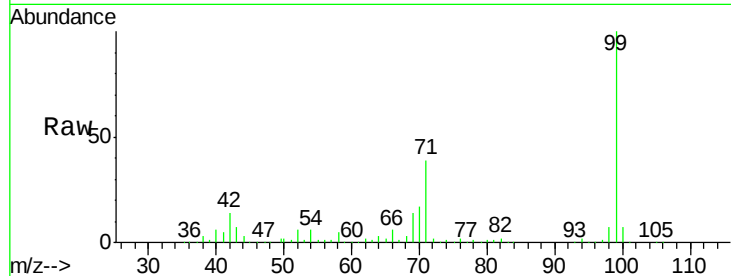
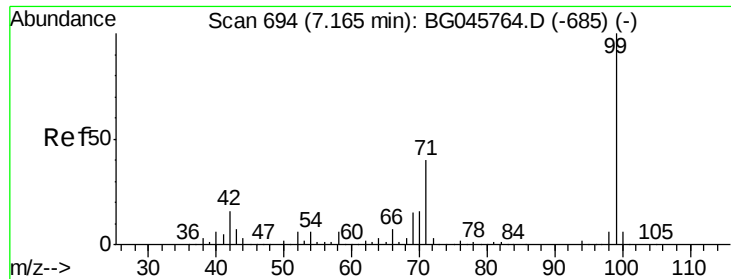
Delta R.T. -0.01 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Tgt Ion:	93	Resp:	210291
Ion Ratio	Lower	Upper	
93	100		
66	36.2	30.0	45.0
65	18.1	14.7	22.1





#7

Phenol-d6

Concen: 131.365 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		565872		
42	14.4	12.4	18.6		
71	39.2	32.1	48.1		

Instrument :

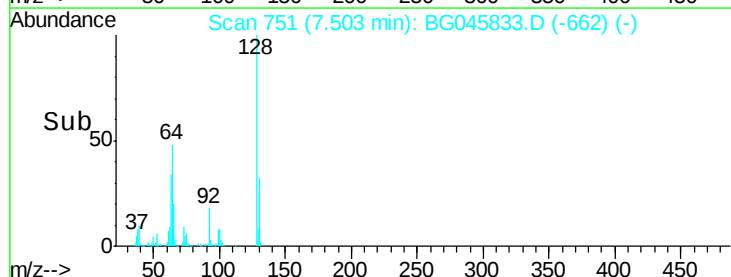
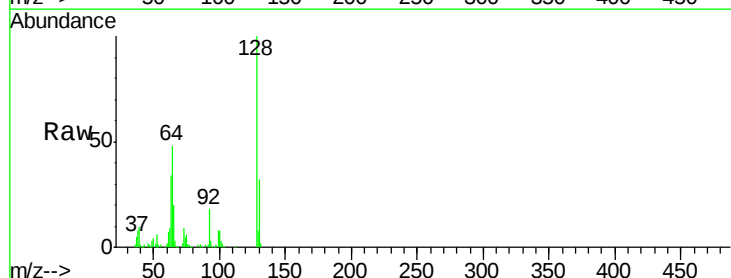
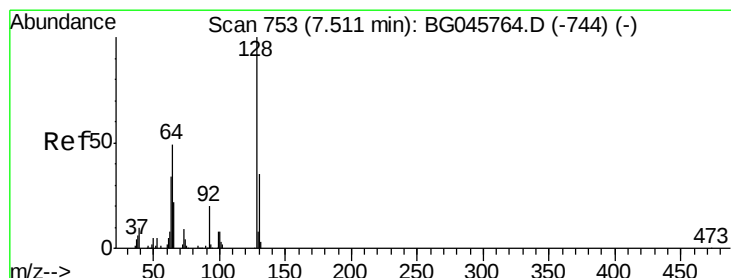
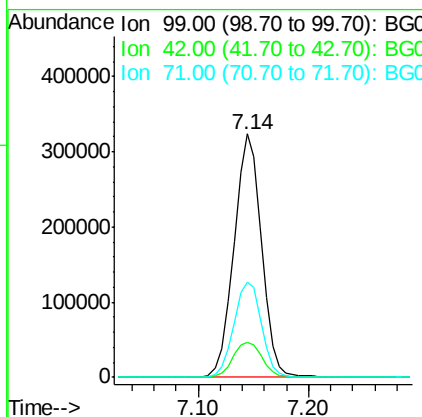
BNA_G

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#8

2-Chlorophenol

Concen: 47.605 ng

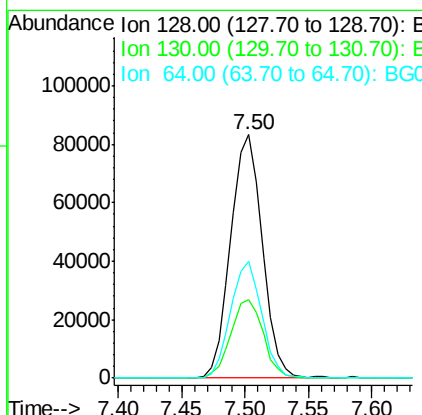
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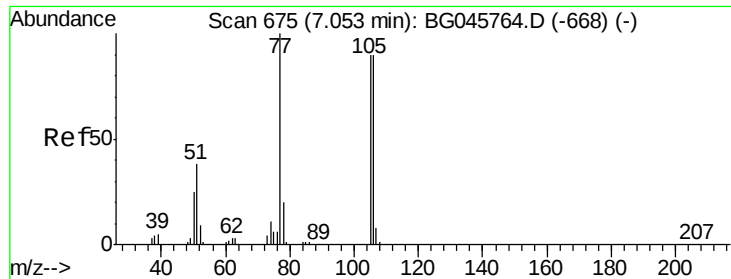
Delta R.T. -0.01 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		144303		
130	32.3	14.5	54.5		
64	48.1	31.6	71.6		





#9

Benzaldehyde

Concen: 32.455 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

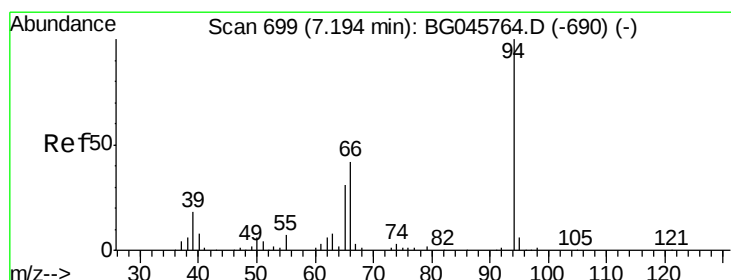
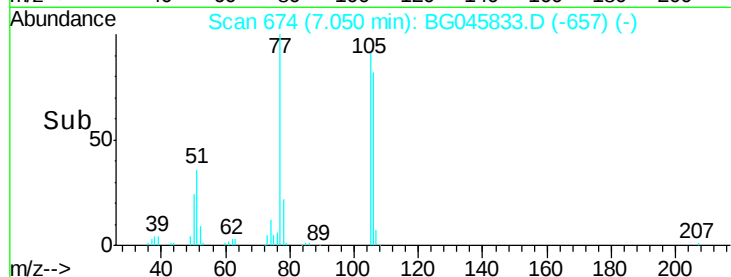
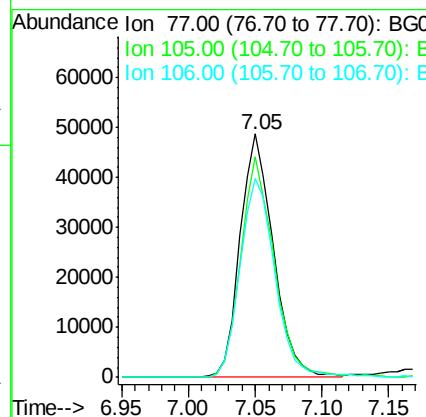
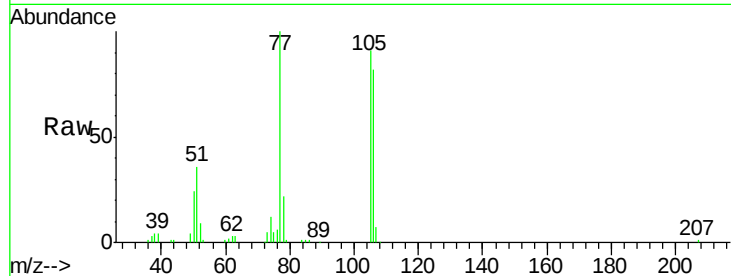
ClientSampleId :

PB129662BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	90.6	70.4	110.4		
106	81.9	70.2	110.2		

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#10

Phenol

Concen: 45.034 ng

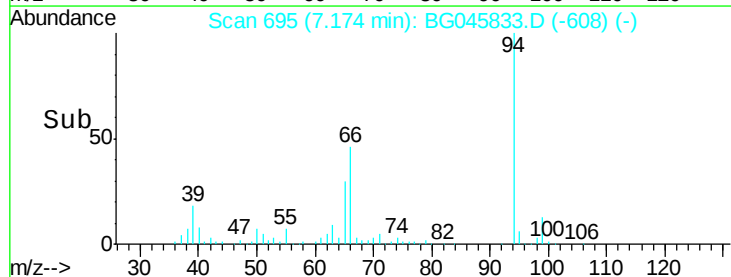
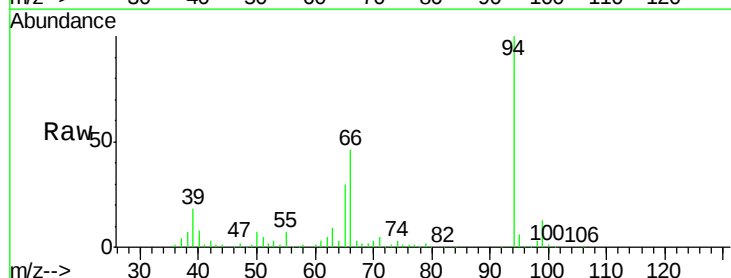
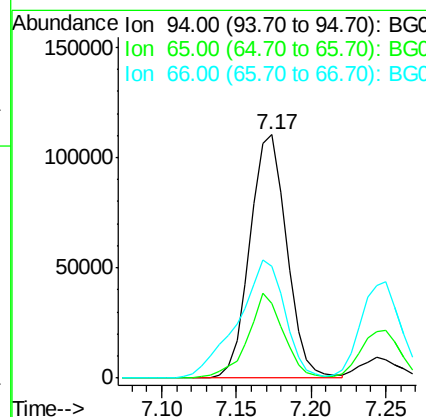
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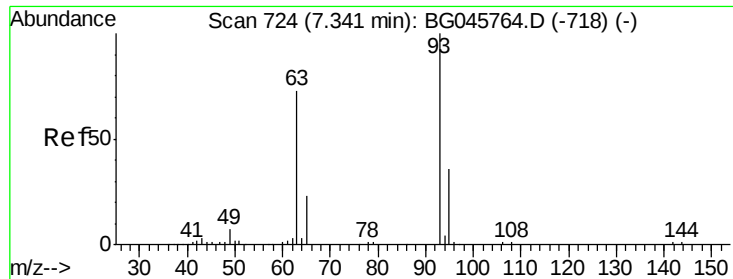
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Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.4	10.7	50.7		
66	46.0	22.5	62.5		





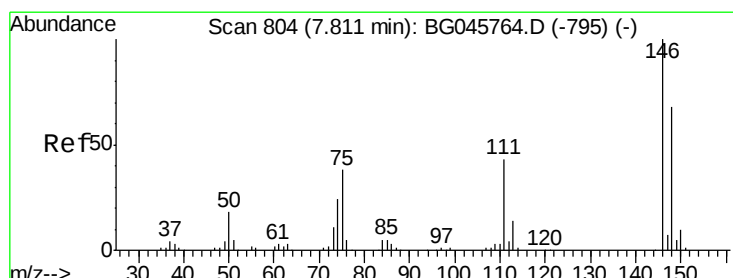
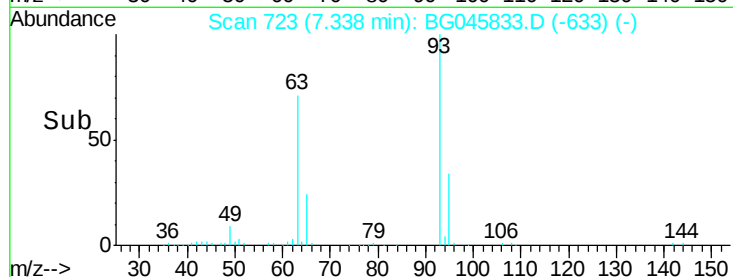
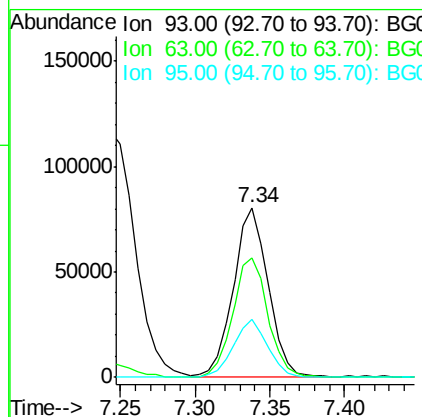
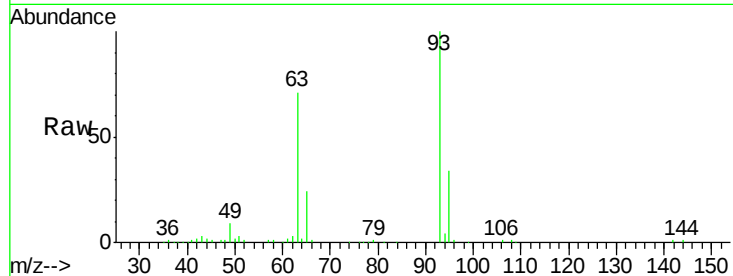
#11
bis(2-Chloroethyl)ether
Concen: 40.987 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.7	52.0	92.0
95	34.1	15.6	55.6

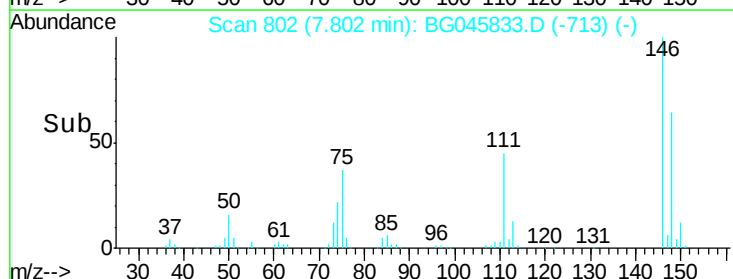
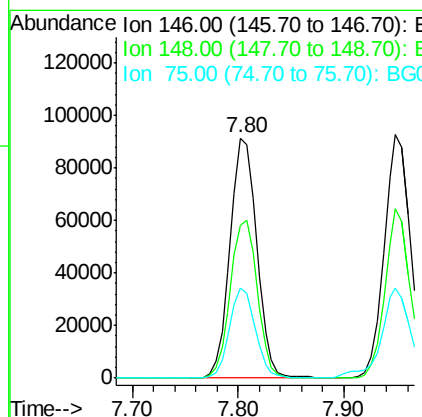
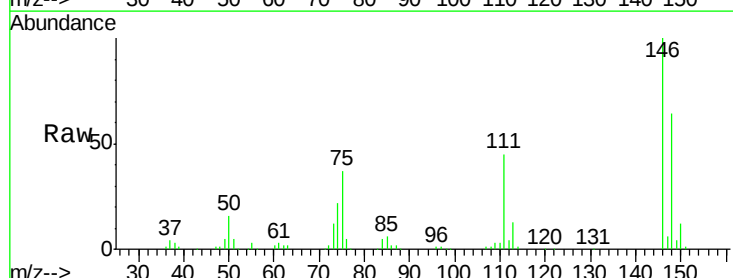
Manual Integrations
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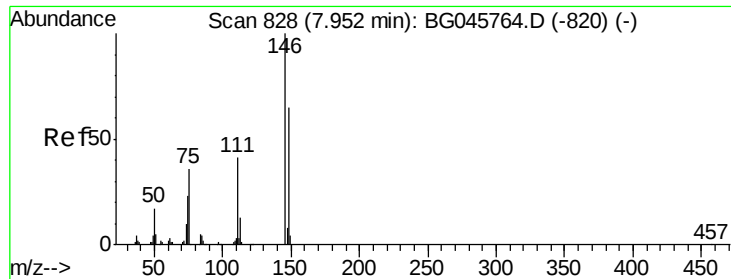
mohammad
6/24/2020 11:00:05 AM



#12
1,3-Dichlorobenzene
Concen: 44.232 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	54.2	81.4
75	37.3	30.1	45.1





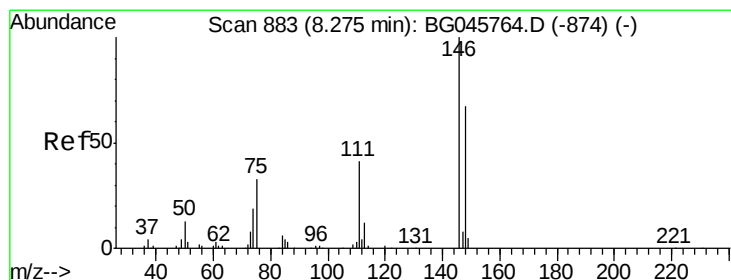
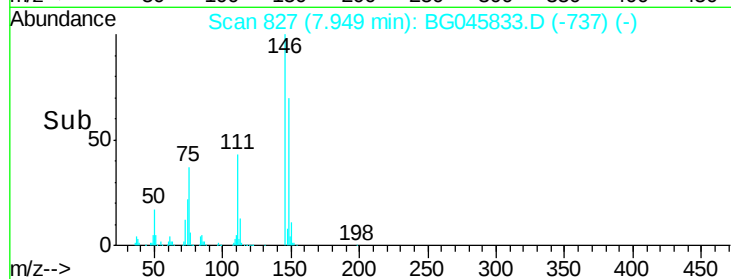
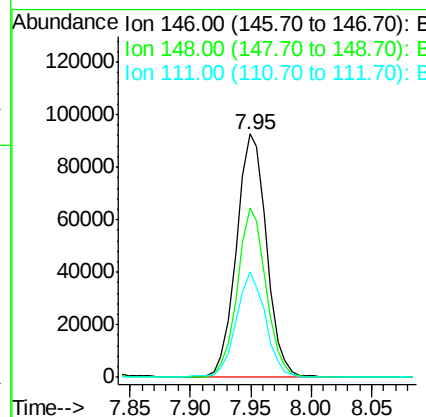
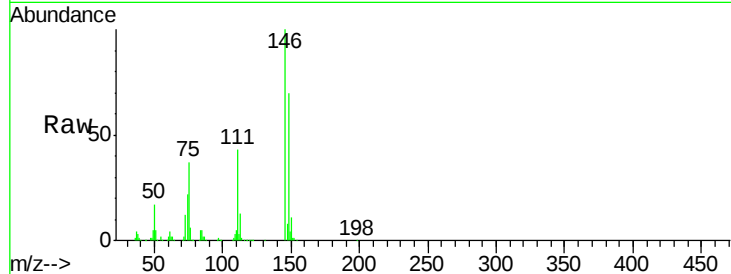
#13
1,4-Dichlorobenzene
Concen: 44.768 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.8	51.8	77.6
111	43.3	32.8	49.2

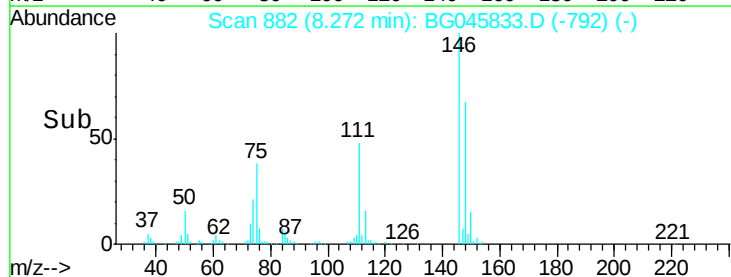
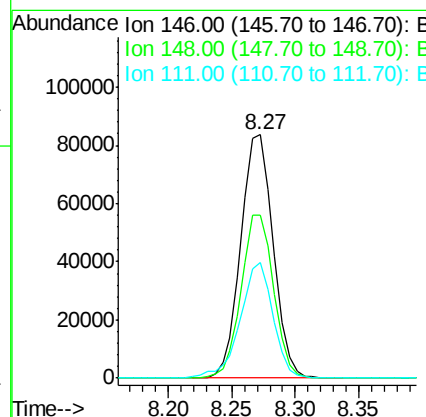
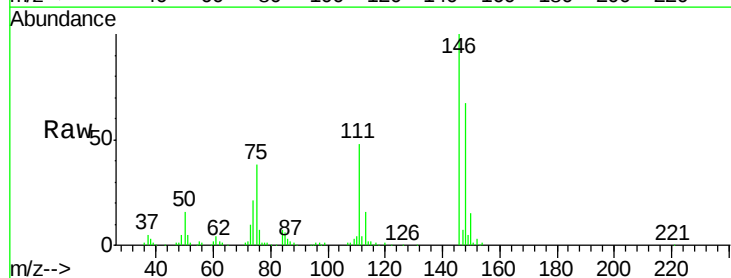
Manual Integrations
APPROVED

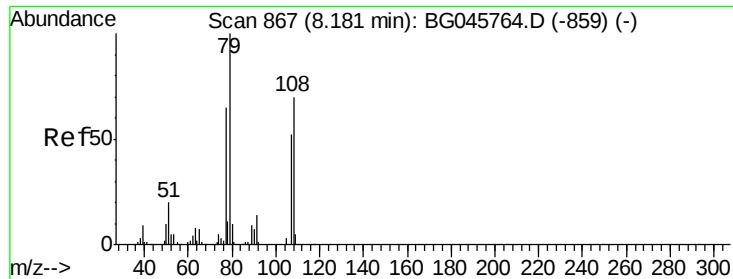
mohammad
6/24/2020 11:00:05 AM



#14
1,2-Dichlorobenzene
Concen: 42.961 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	54.1	81.1
111	47.5	32.9	49.3





#15

Benzyl Alcohol

Concen: 44.053 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

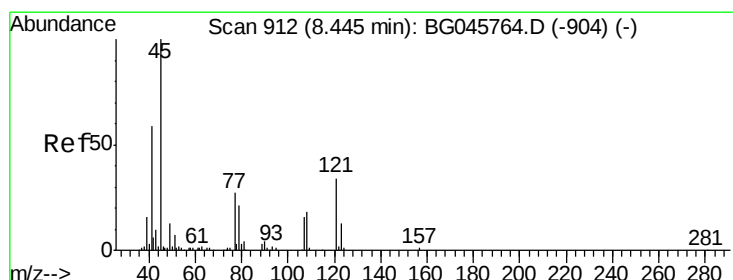
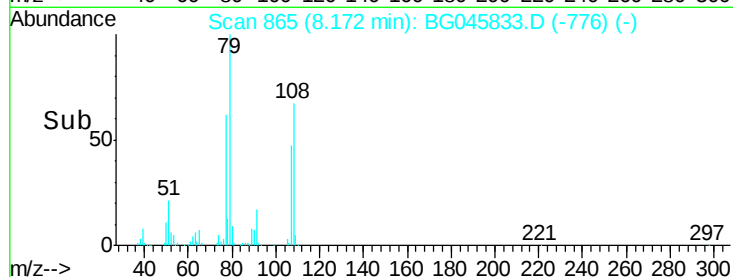
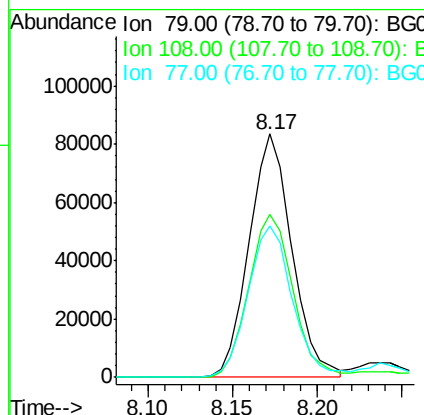
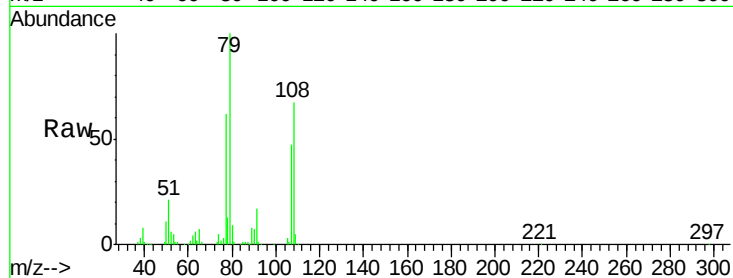
ClientSampleId :

PB129662BS

Tot Ion:	79	Resp:	146850
Ion	Ratio	Lower	Upper
79	100		
108	67.0	56.2	84.4
77	62.3	52.2	78.2

Manual Integrations
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mohammad
6/24/2020 11:00:05 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.126 ng

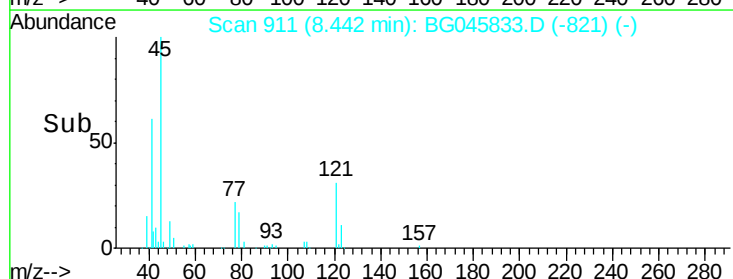
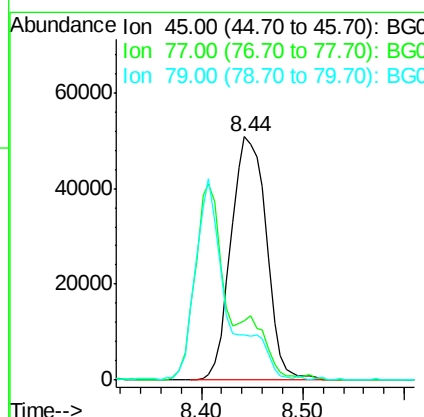
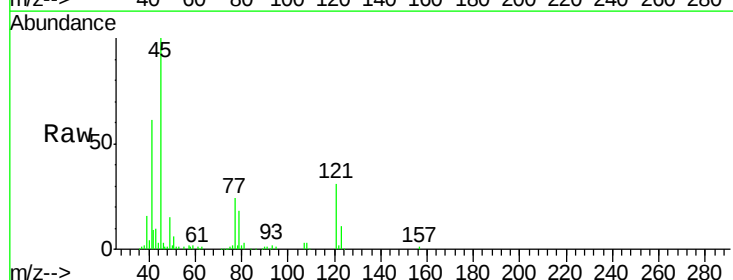
RT: 8.44 min Scan# 911

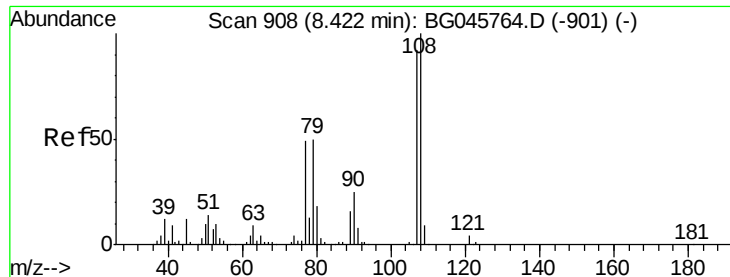
Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Tgt Ion:	45	Resp:	122878
Ion	Ratio	Lower	Upper
45	100		
77	24.5	14.9	54.9
79	18.5	9.2	49.2





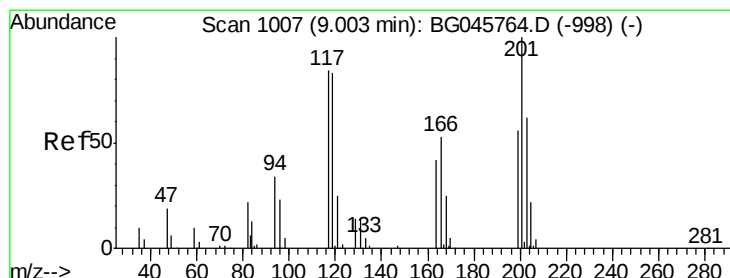
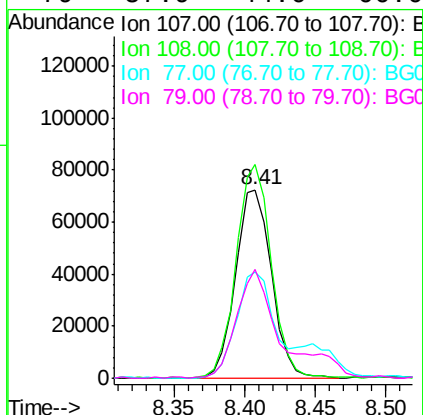
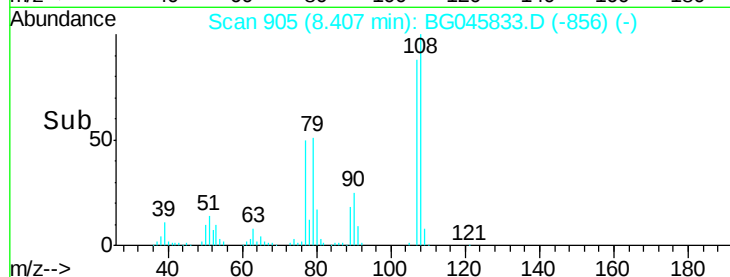
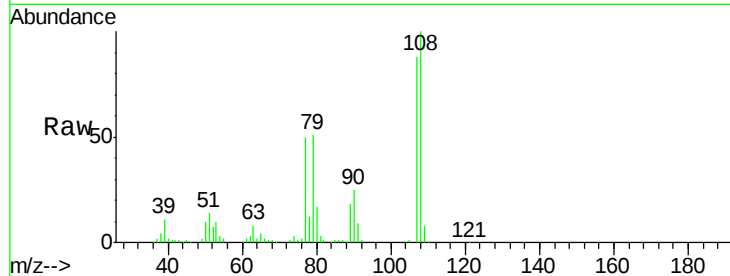
#17
2-Methylphenol
Concen: 41.536 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	107	Resp	129019
Ion Ratio	Lower	Upper	
107	100		
108	113.2	87.4	131.0
77	56.4	42.5	63.7
79	57.9	44.0	66.0

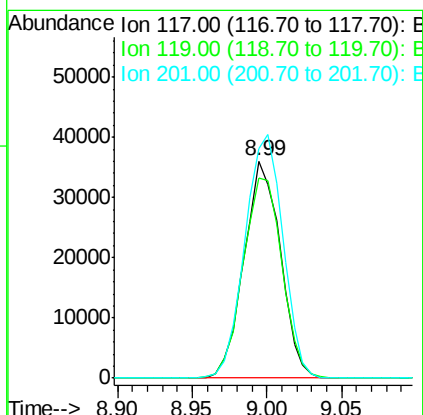
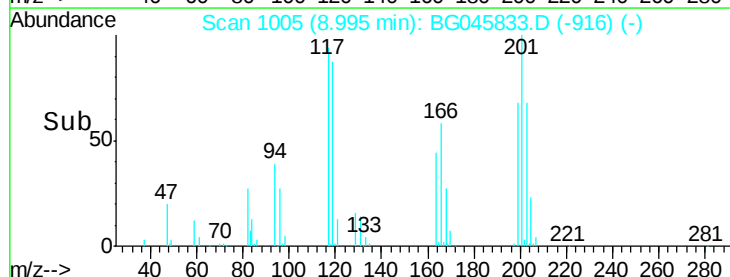
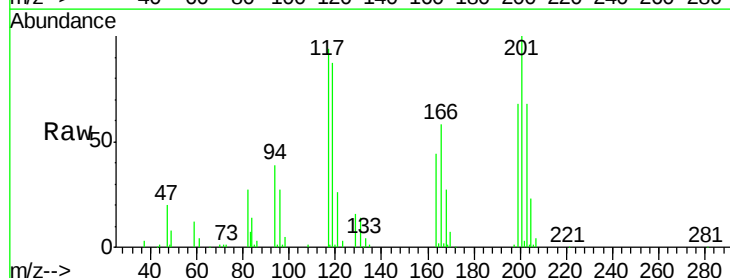
Manual Integrations
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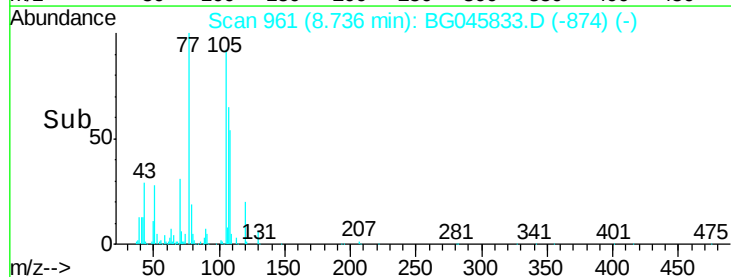
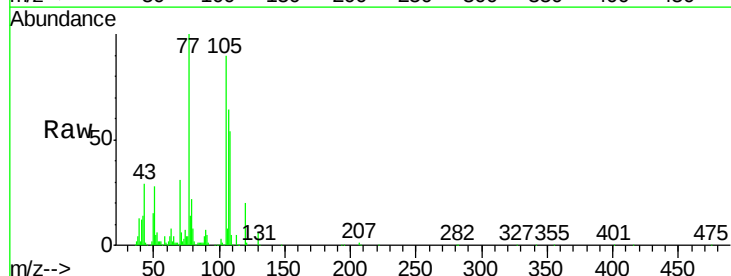
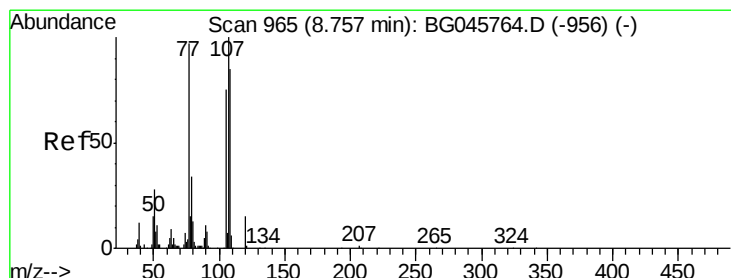
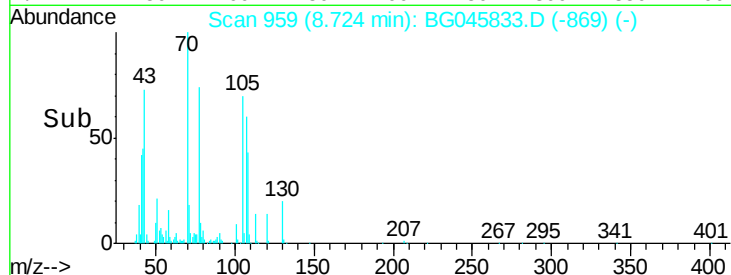
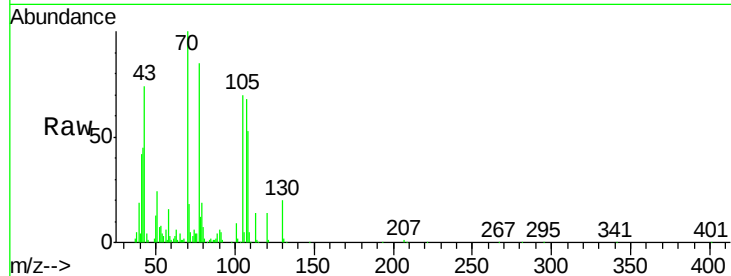
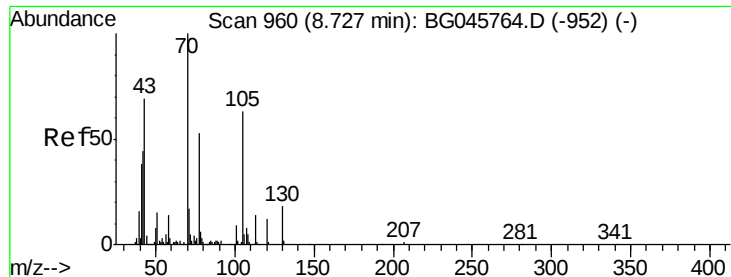
mohammad
6/24/2020 11:00:05 AM



#18
Hexachloroethane
Concen: 44.393 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

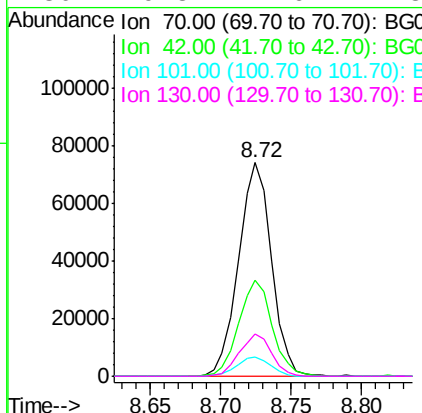
Tgt Ion	117	Resp	60836
Ion Ratio	Lower	Upper	
117	100		
119	92.4	78.9	118.3
201	106.1	95.5	143.3





#19
n-Nitroso-di-n-propylamine
Concen: 42.661 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	45.0	35.1	52.7		
101	9.2	7.4	11.0		
130	19.8	14.6	21.8		



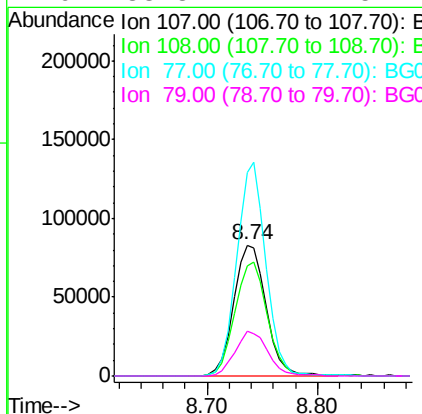
Instrument :
BNA_G
ClientSampleId :
PB129662BS

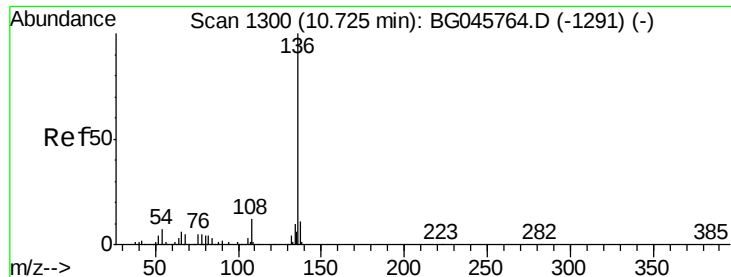
Manual Integrations
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mohammad
6/24/2020 11:00:05 AM

#20
3+4-Methylphenols
Concen: 41.951 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.3	65.4	105.4		
77	155.1	77.2	117.2#		
79	33.8	14.2	54.2		





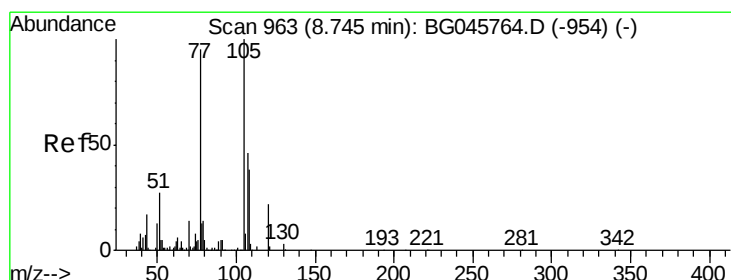
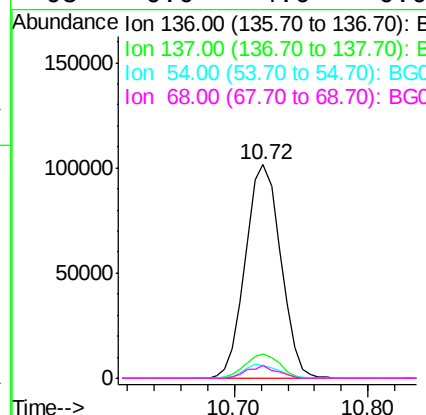
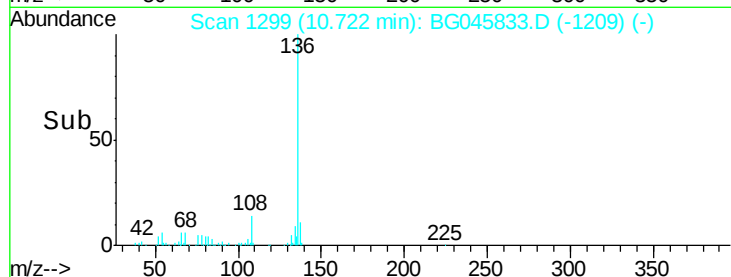
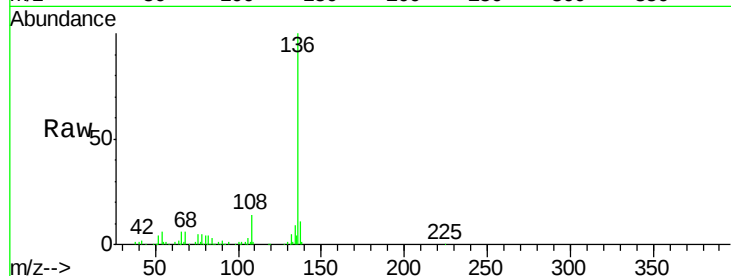
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	185872		
137	11.4	8.7	13.1	
54	5.8	5.8	8.6	
68	6.0	4.0	6.0	

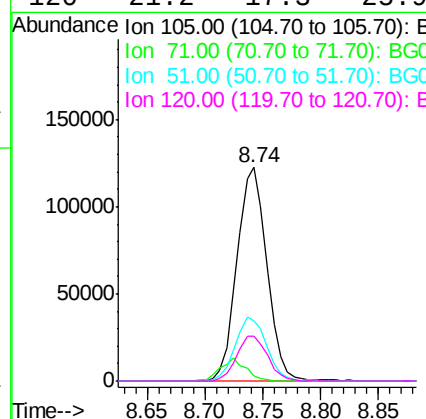
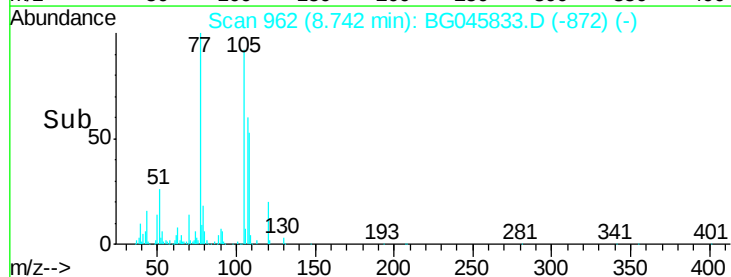
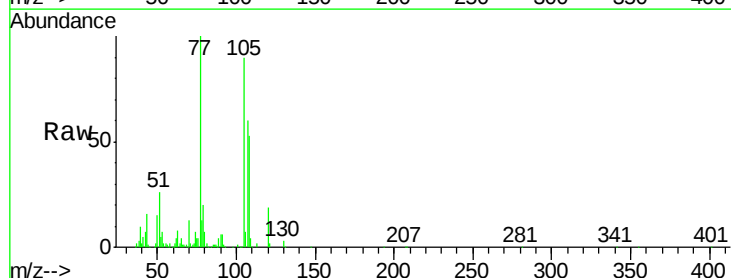
Manual Integrations
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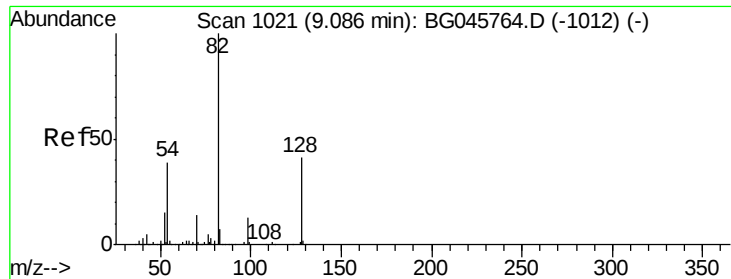
mohammad
6/24/2020 11:00:05 AM



#22
Acetophenone
Concen: 43.068 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219717		
71	2.7	1.8	2.8	
51	28.4	21.9	32.9	
120	21.2	17.3	25.9	





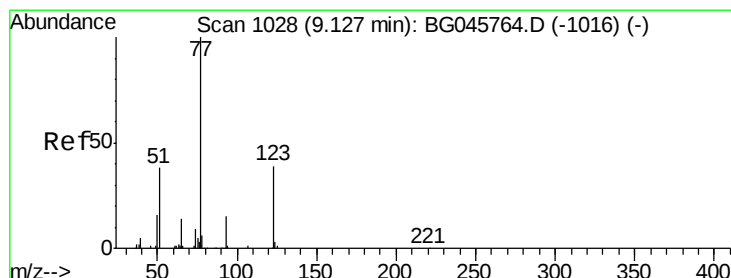
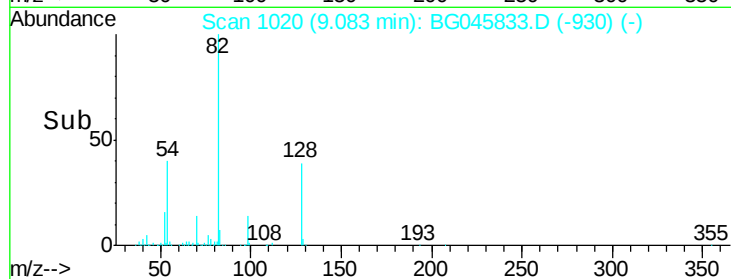
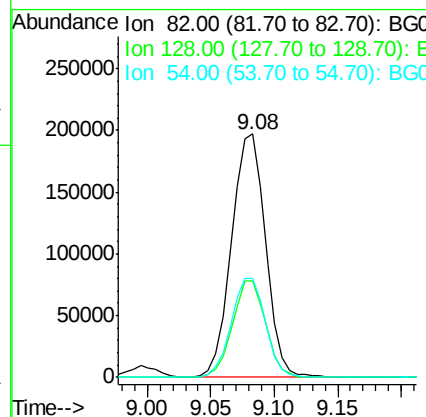
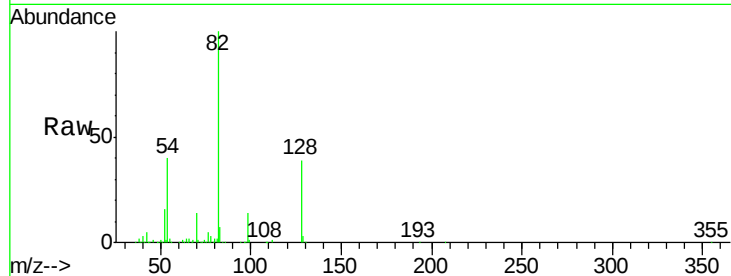
#23
Nitrobenzene-d5
Concen: 89.650 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	82	Resp	364757
Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.5	48.7
54	40.4	31.2	46.8

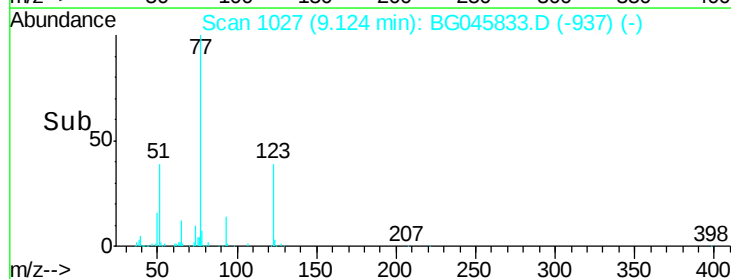
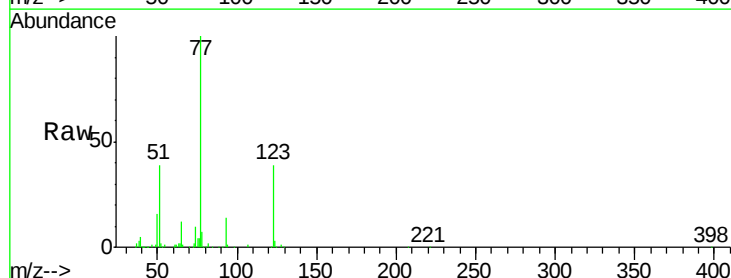
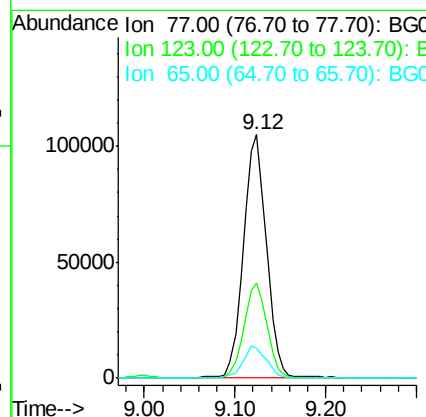
Manual Integrations
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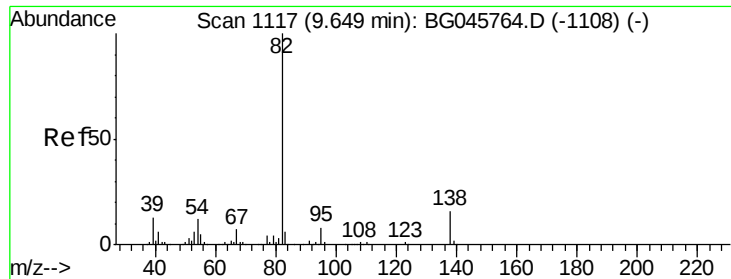
mohammad
6/24/2020 11:00:05 AM



#24
Nitrobenzene
Concen: 43.015 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	77	Resp	186608
Ion	Ratio	Lower	Upper
77	100		
123	39.1	31.2	46.8
65	12.4	11.4	17.2





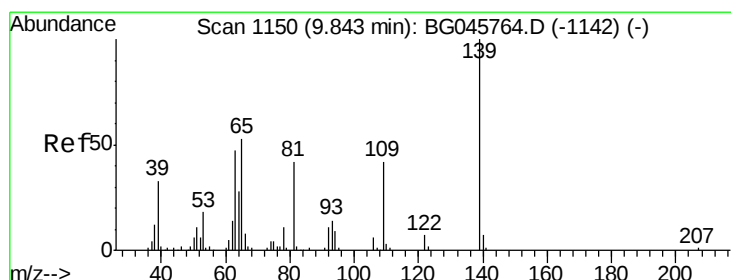
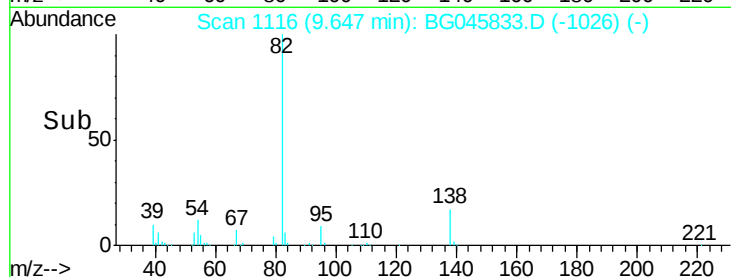
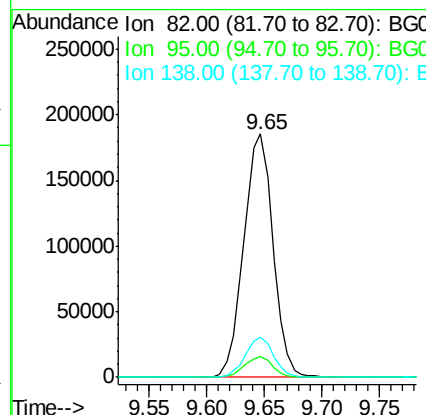
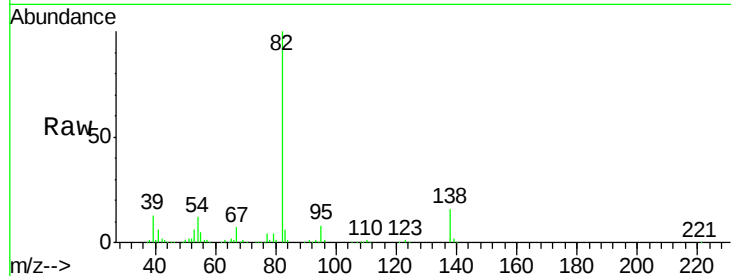
#25
Isophorone
Concen: 41.352 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.4	6.2	9.4	
138	16.3	12.6	18.8	

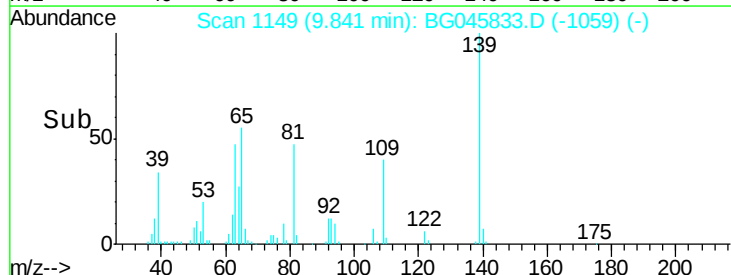
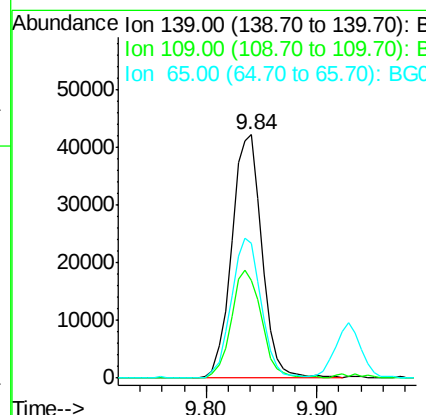
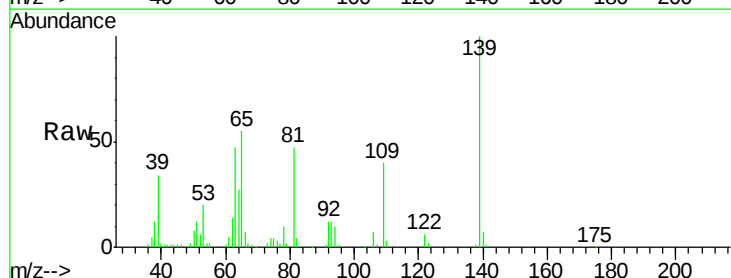
Manual Integrations
APPROVED

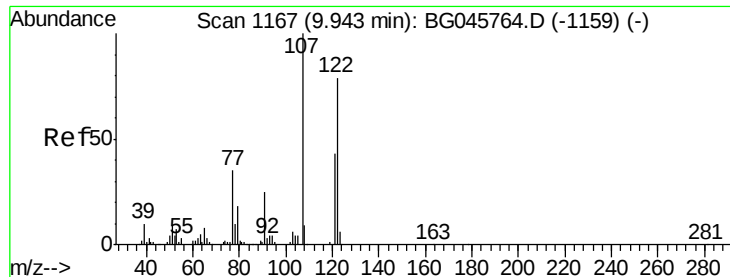
mohammad
6/24/2020 11:00:05 AM



#26
2-Nitrophenol
Concen: 44.675 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	40.3	33.5	50.3	
65	55.2	42.2	63.4	





#27

2,4-Dimethylphenol

Concen: 46.880 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

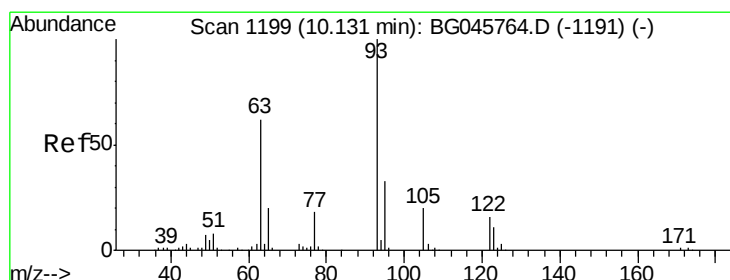
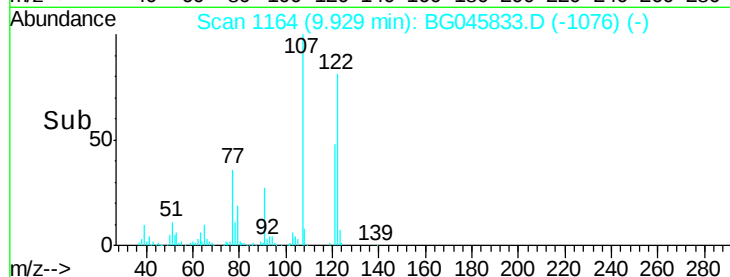
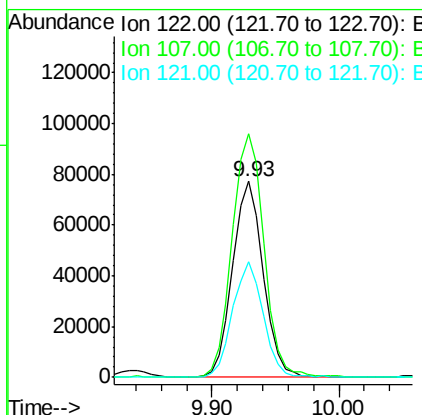
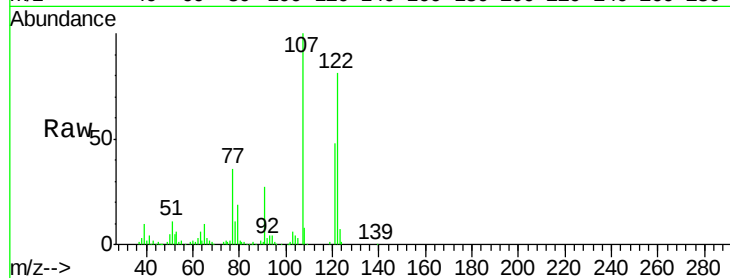
ClientSampleId :

PB129662BS

Tot Ion:	122	Resp:	129360
Ion Ratio	Lower	Upper	
122	100		
107	124.1	101.3	151.9
121	59.1	43.9	65.9

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#28

bis(2-Chloroethoxy)methane

Concen: 43.064 ng

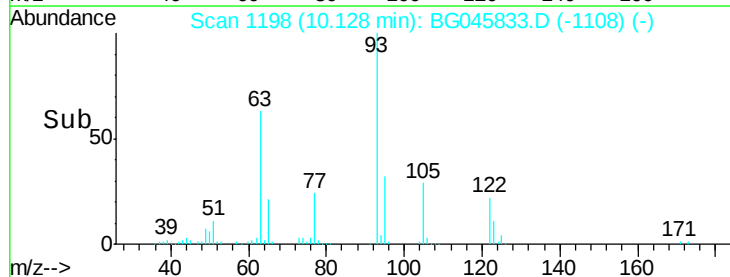
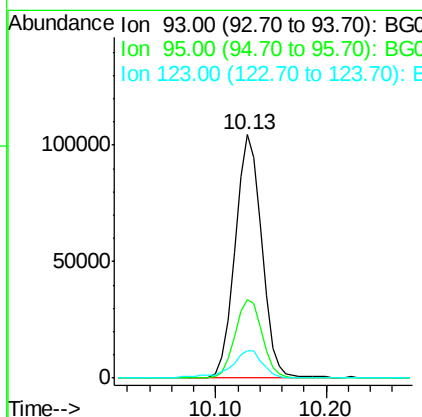
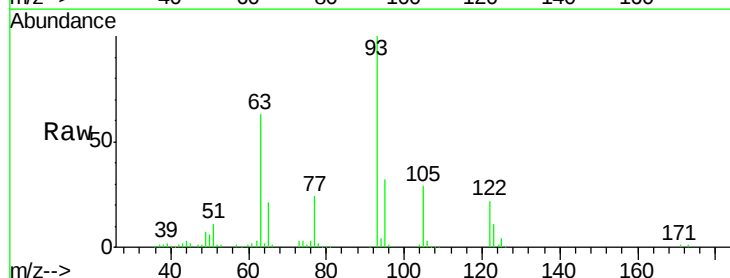
RT: 10.13 min Scan# 1198

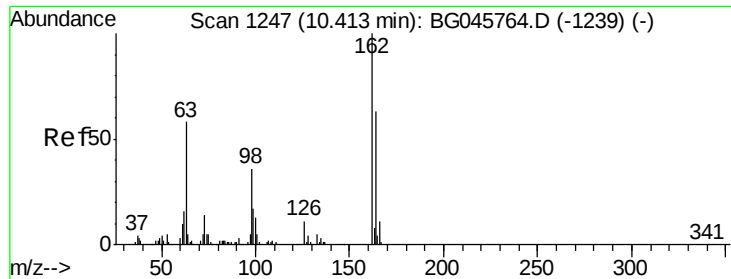
Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Tgt Ion:	93	Resp:	177181
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.3	39.5
123	11.3	9.3	13.9





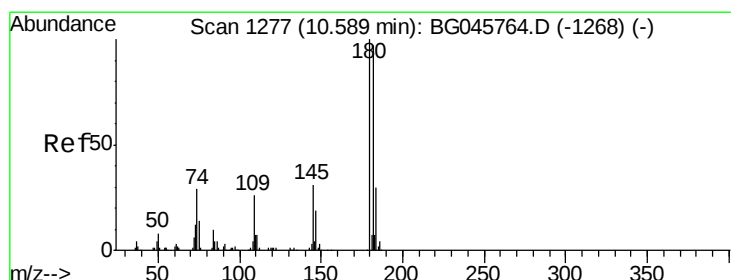
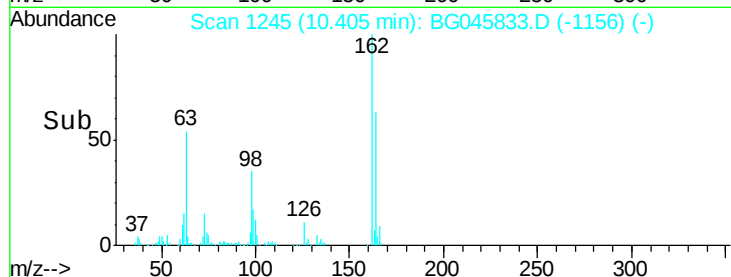
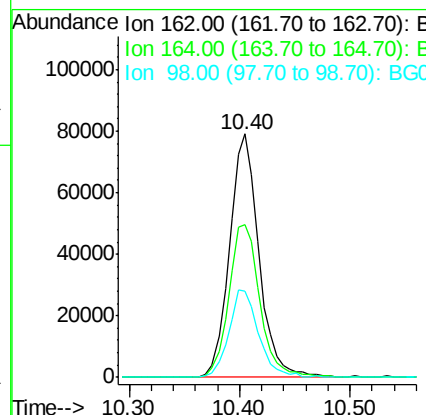
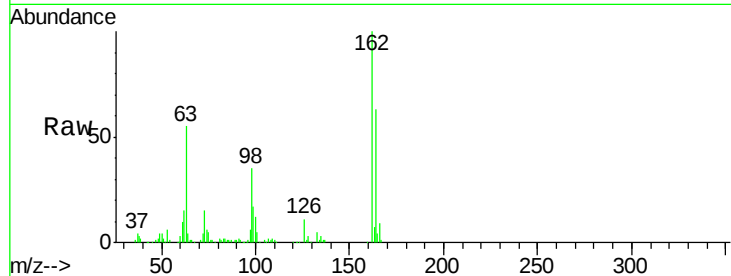
#29
 2,4-Dichlorophenol
 Concen: 45.595 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

Tot Ion:	162	Resp:	146787
Ion Ratio	Lower	Upper	
162	100		
164	62.6	43.3	83.3
98	35.4	15.5	55.5

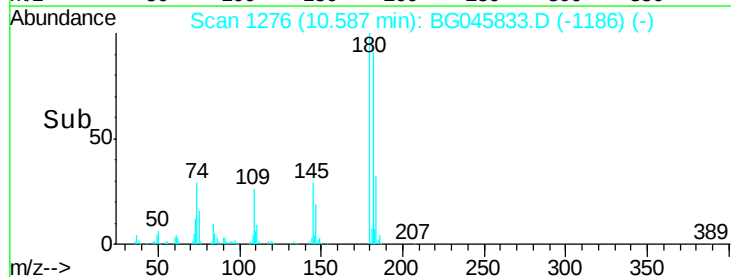
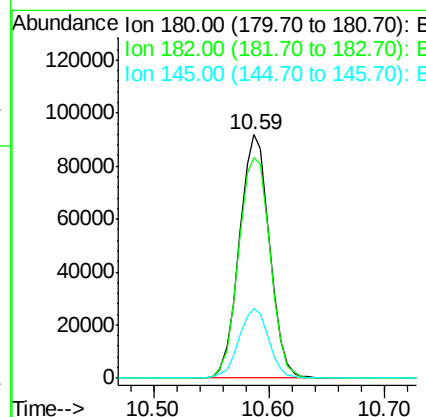
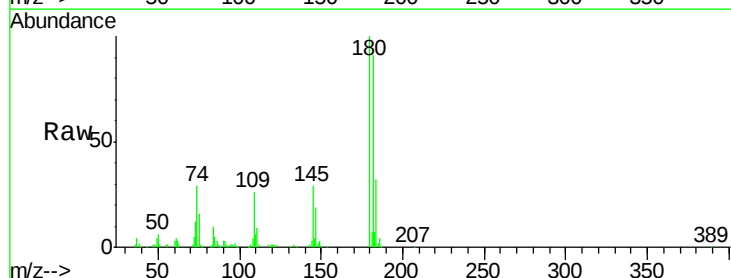
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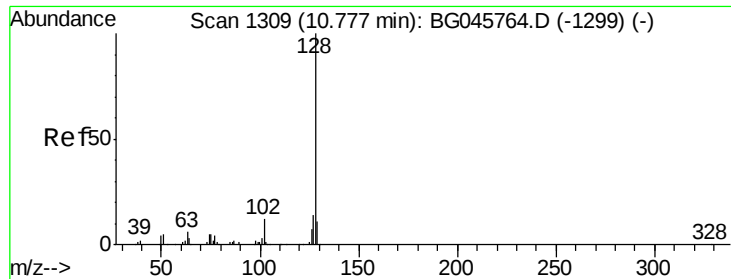
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.385 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion:	180	Resp:	165351
Ion Ratio	Lower	Upper	
180	100		
182	90.8	77.8	116.6
145	28.7	24.5	36.7





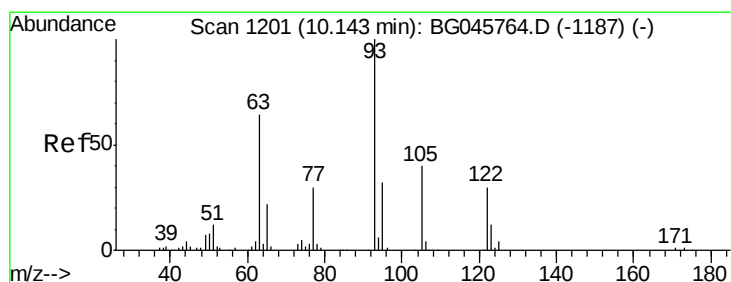
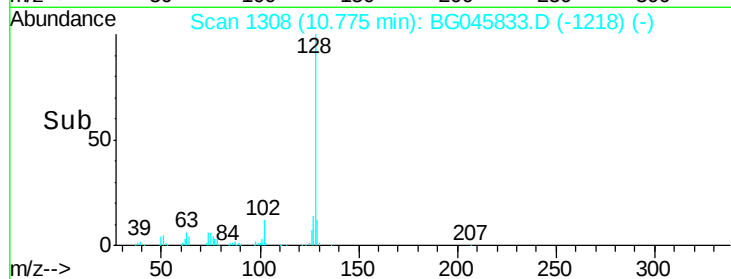
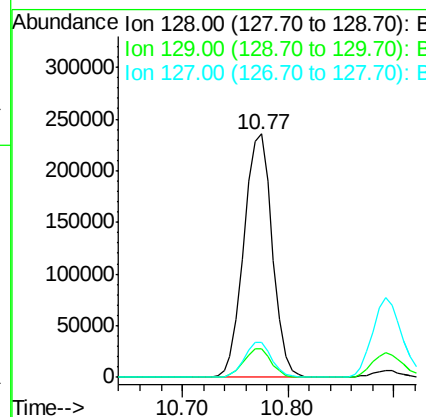
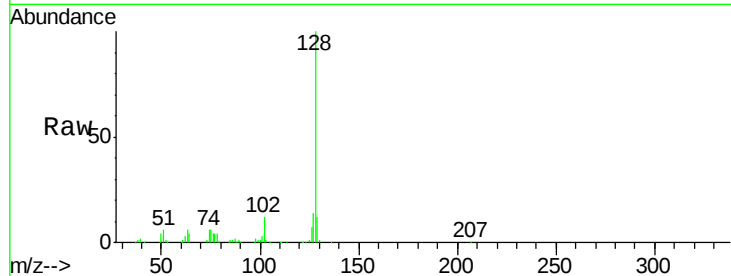
#31
Naphthalene
Concen: 43.185 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	14.3	10.9	16.3

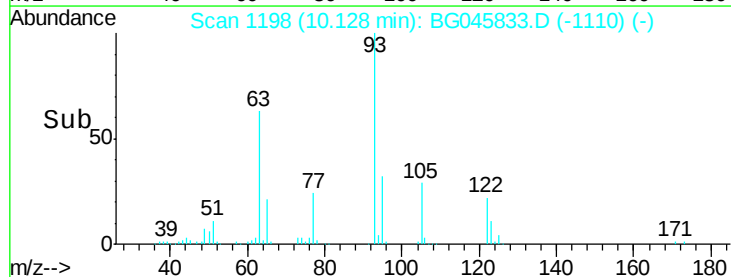
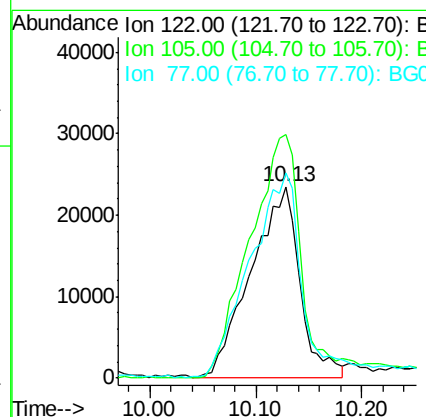
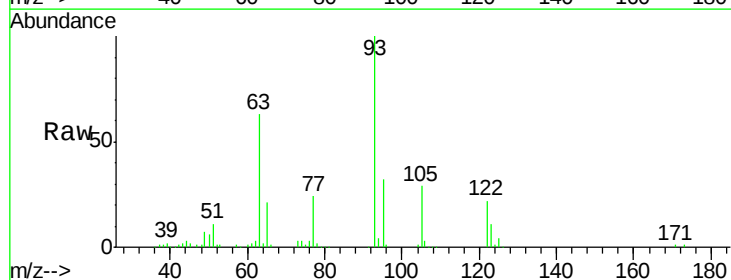
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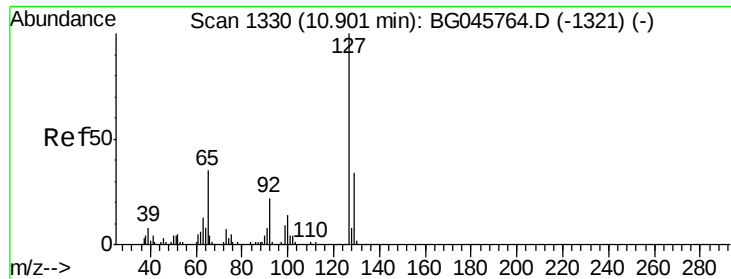
mohammad
6/24/2020 11:00:05 AM



#32
Benzoic acid
Concen: 43.284 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.3	112.9	152.9
77	107.4	79.2	119.2





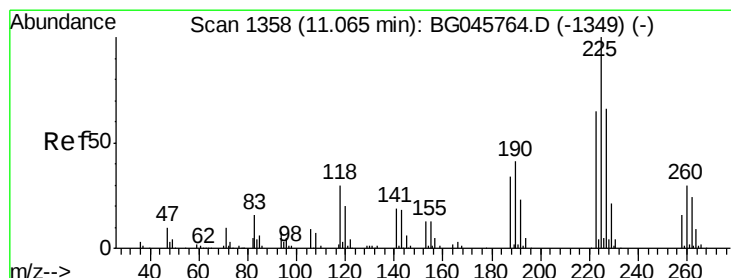
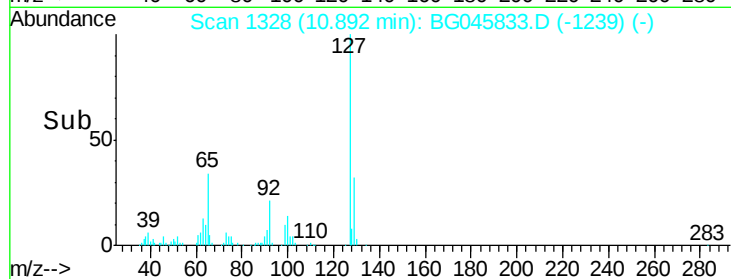
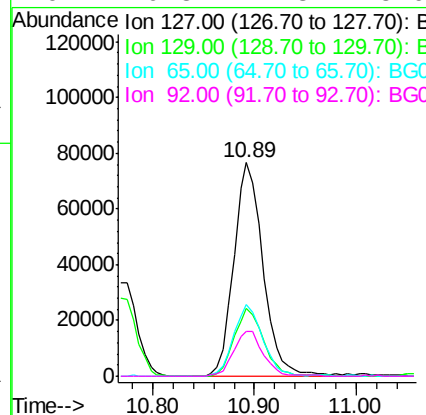
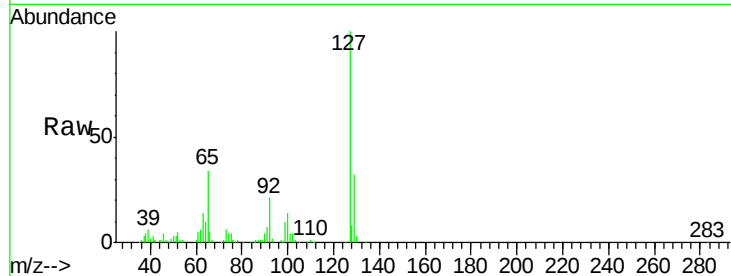
#33
4-Chloroaniline
Concen: 35.999 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	26.8	40.2	
65	33.6	27.8	41.8	
92	20.8	17.3	25.9	

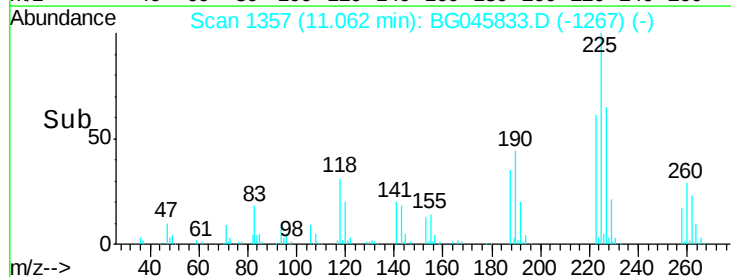
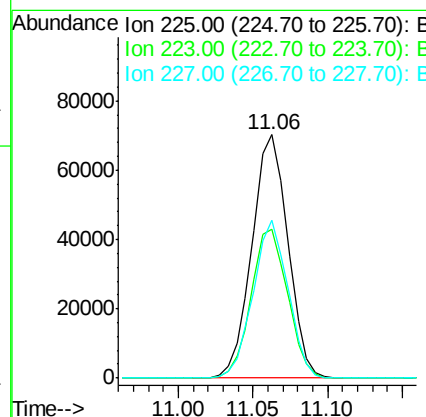
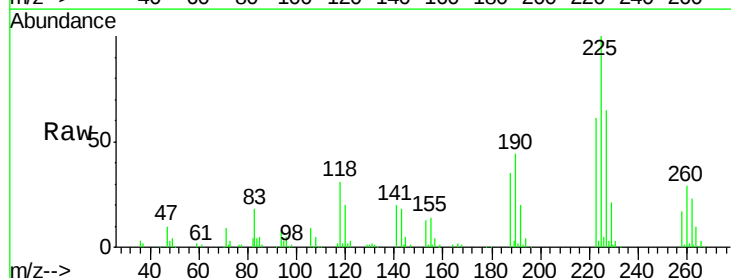
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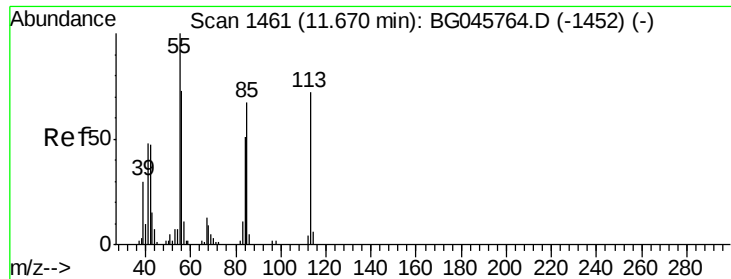
mohammad
6/24/2020 11:00:05 AM



#34
Hexachlorobutadiene
Concen: 43.047 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	52.0	78.0	
227	64.8	52.5	78.7	





#35

Caprolactam

Concen: 46.573 ng/ml

RT: 11.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

Tot Ion:113 Resp: 48520

Ion Ratio Lower Upper

113 100

55 138.3 119.7 159.7

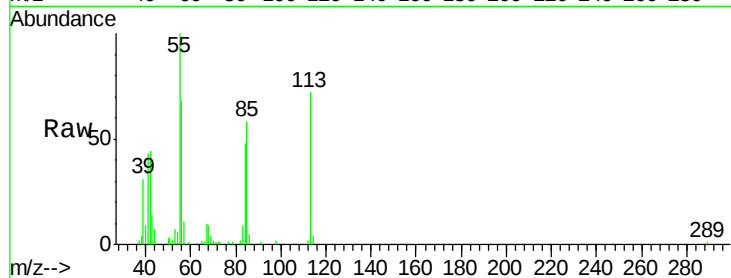
56 93.9 82.5 122.5

Manual Integrations

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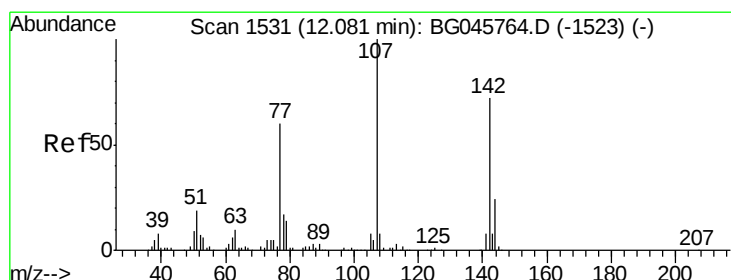
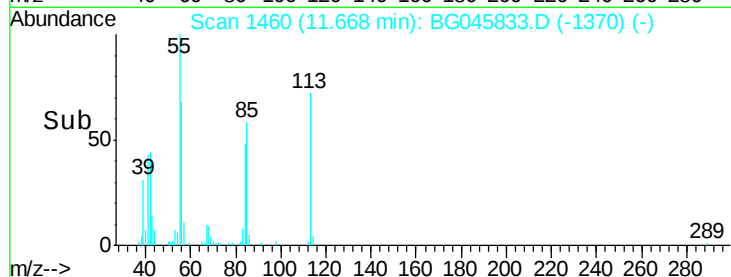
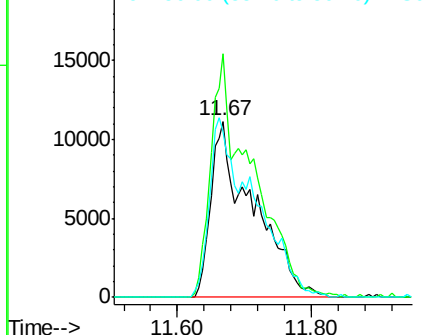
6/24/2020 11:00:05 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.074 ng/ml

RT: 12.06 min Scan# 1527

Delta R.T. -0.02 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

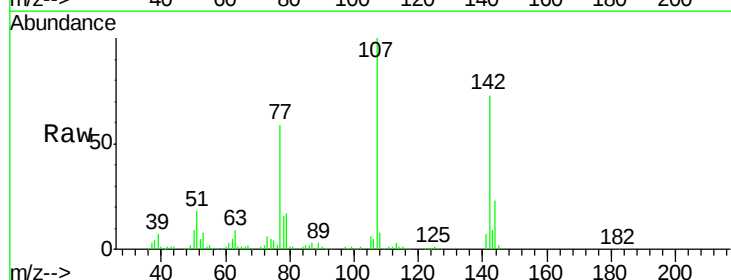
Tgt Ion:107 Resp: 167547

Ion Ratio Lower Upper

107 100

144 23.0 19.5 29.3

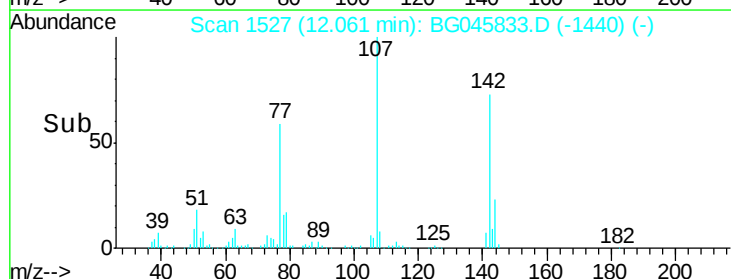
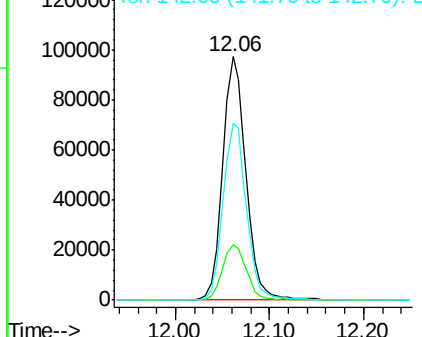
142 72.6 57.4 86.0

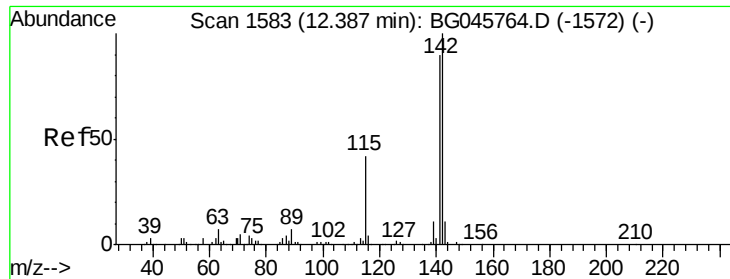


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





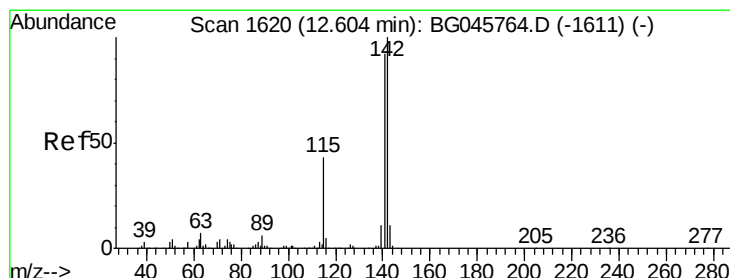
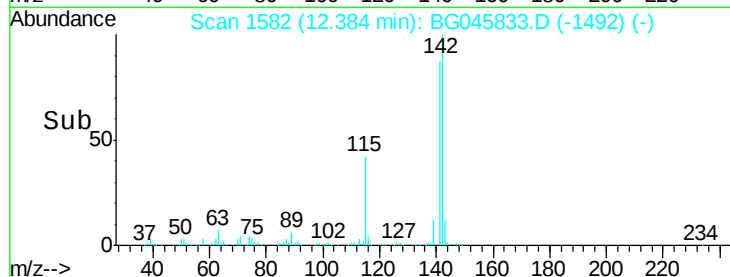
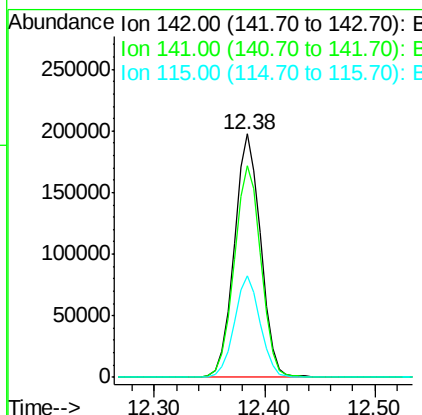
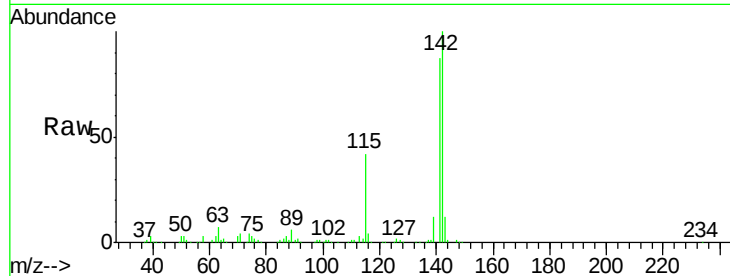
#37
2-Methylnaphthalene
Concen: 43.734 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.7	107.5
115	41.7	33.8	50.6

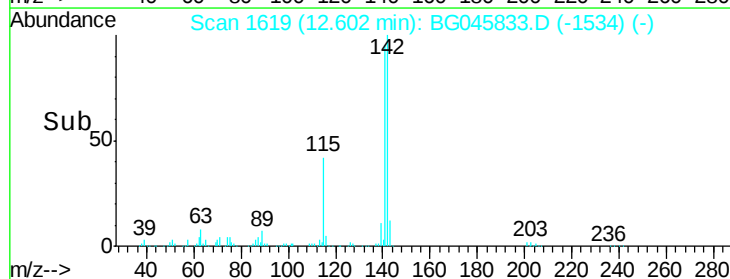
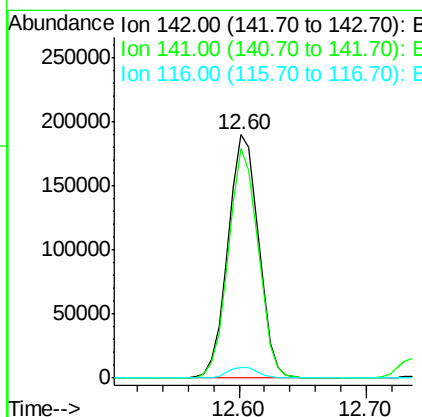
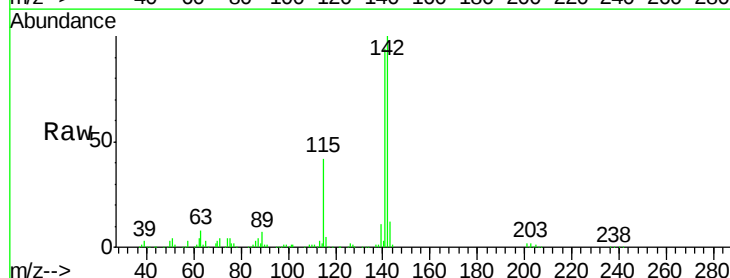
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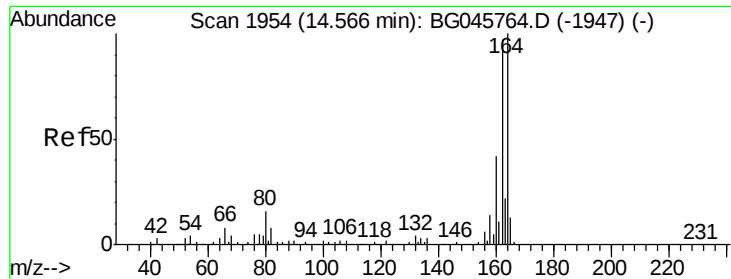
mohammad
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#38
1-Methylnaphthalene
Concen: 44.352 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	73.8	110.8
116	4.6	3.8	5.8





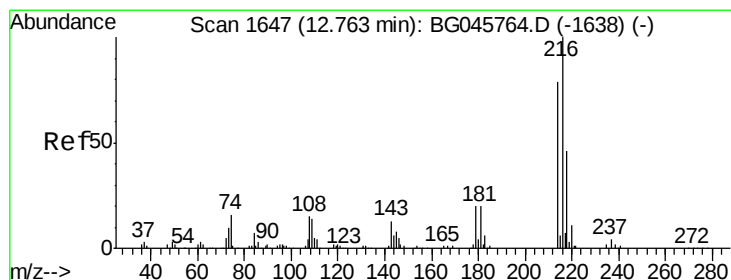
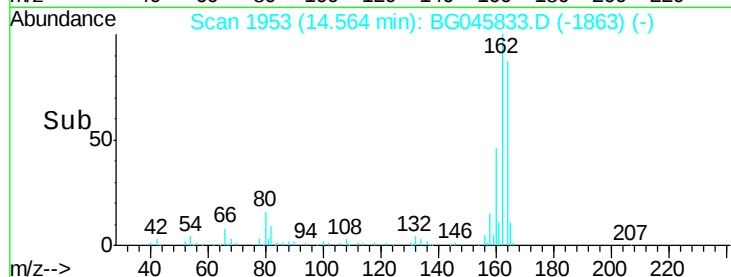
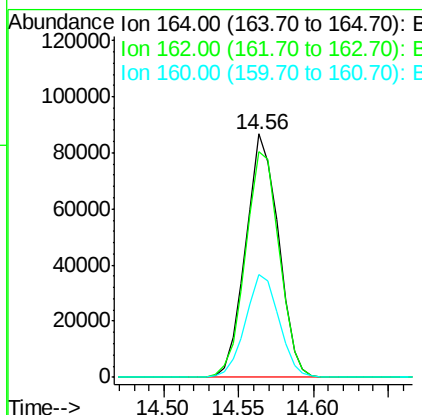
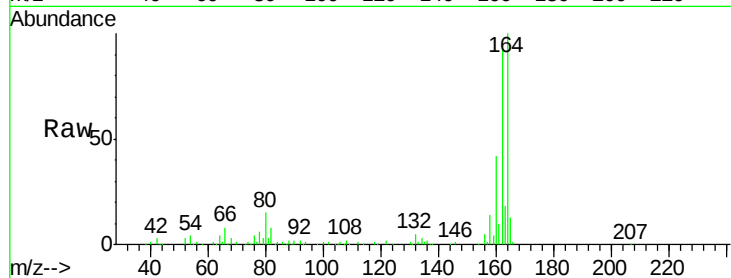
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
162	92.9	77.4	116.0		
160	42.4	33.3	49.9		

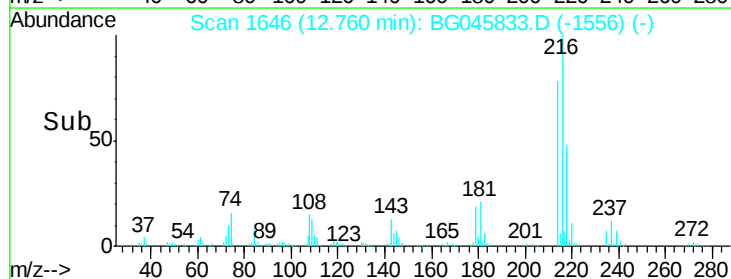
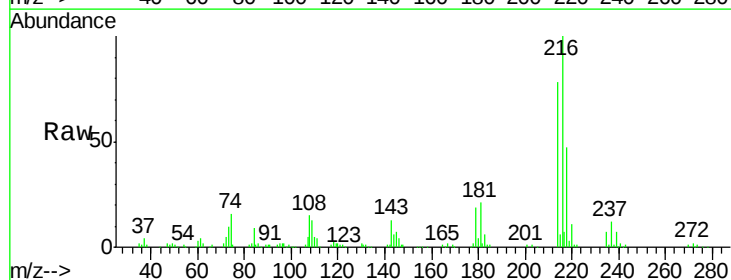
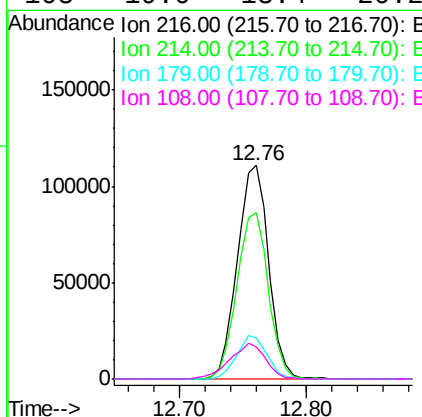
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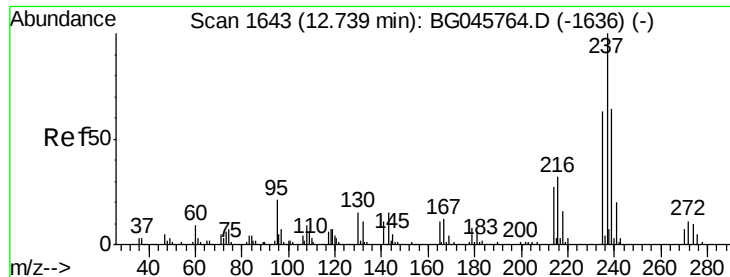
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.920 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.8	62.8	94.2		
179	19.6	16.2	24.4		
108	19.0	13.4	20.2		





#41

Hexachlorocyclopentadiene

Concen: 93.019 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

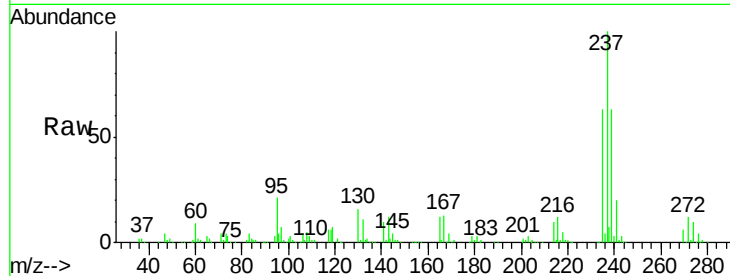
ClientSampleId :

PB129662BS

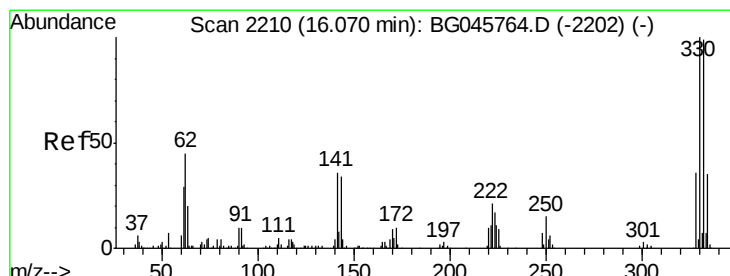
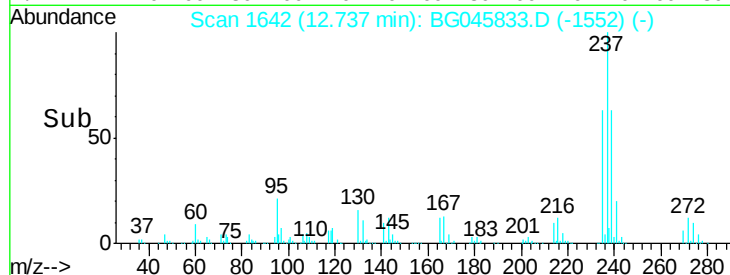
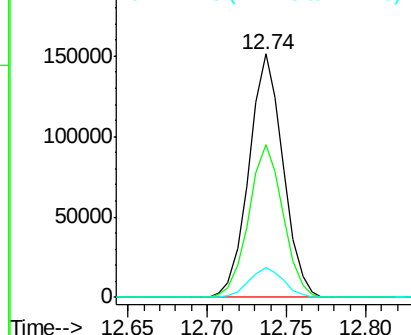
Tot Ion:	237	Resp:	225441
Ion Ratio	Lower	Upper	
237	100		
235	62.5	42.9	82.9
272	12.4	0.0	30.9

Manual Integrations
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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: 133.496 ng

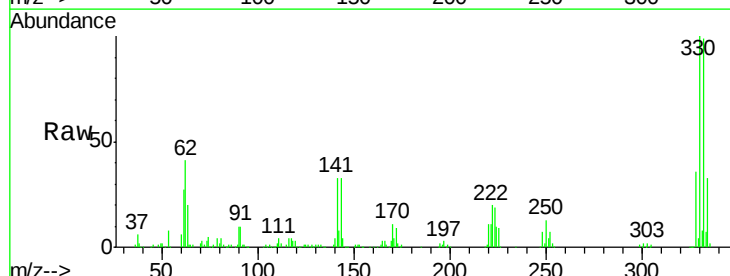
RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

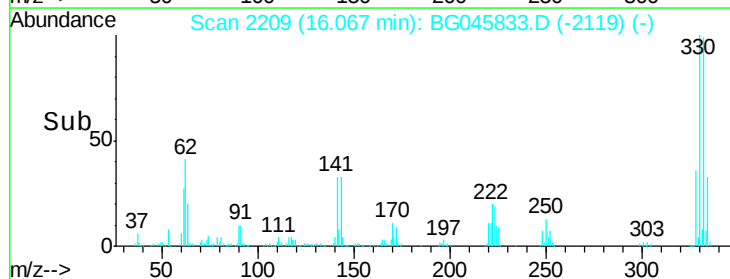
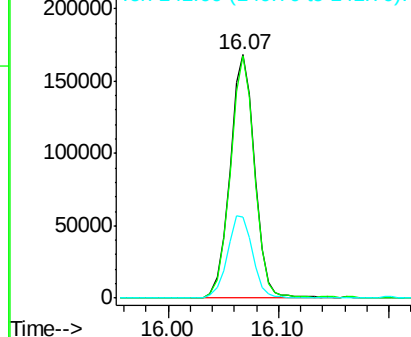
Lab File: BG045833.D

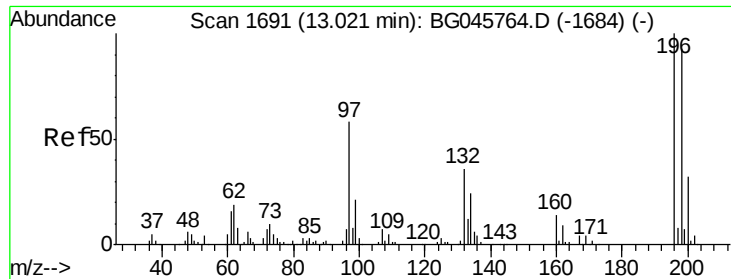
Acq: 23 Jun 2020 10:07

Tgt Ion:	330	Resp:	264211
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.6	117.8
141	34.6	28.2	42.4



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





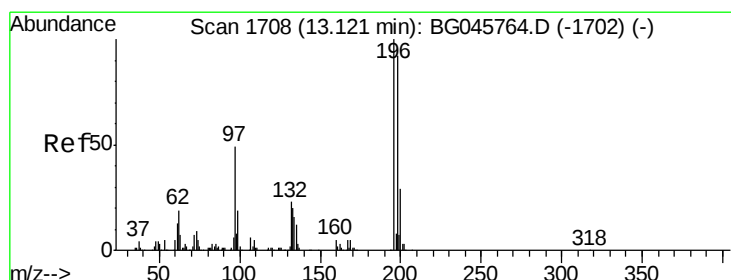
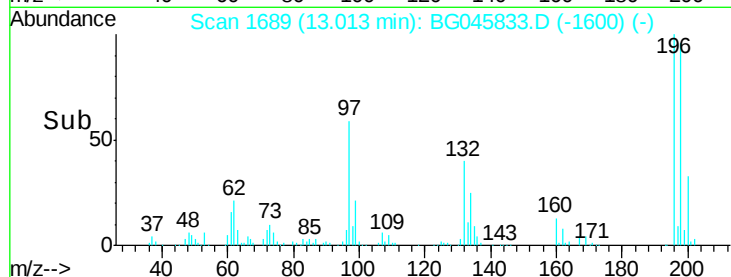
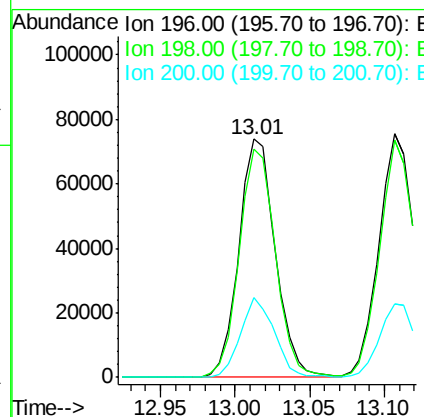
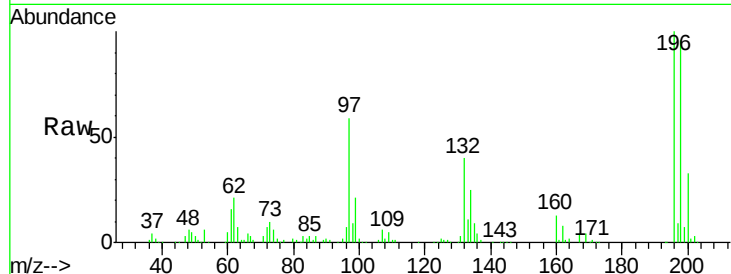
#43
 2,4,6-Trichlorophenol
 Concen: 42.950 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	125698		
198	95.6	74.4	111.6	
200	33.4	25.4	38.2	

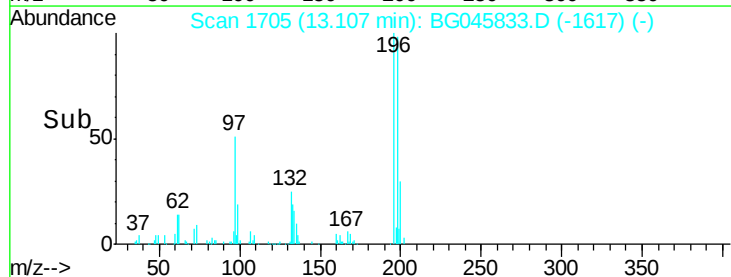
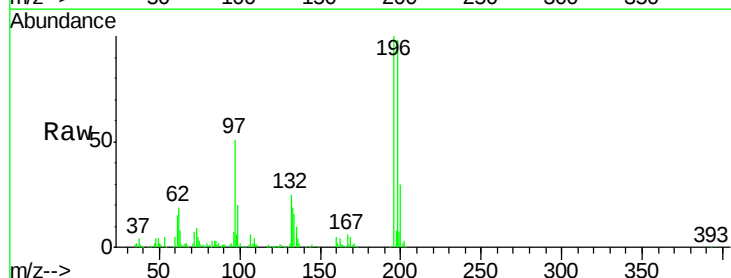
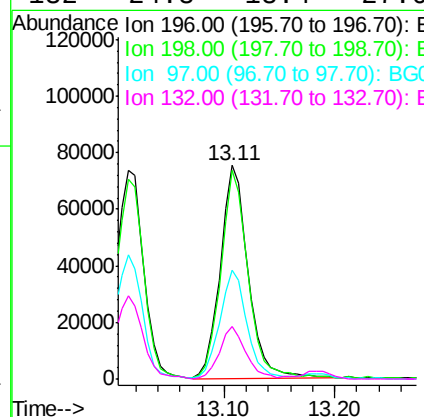
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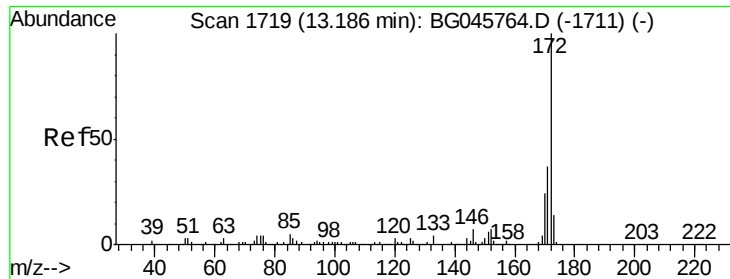
mohammad
 6/24/2020 11:00:05 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.348 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	131247		
198	97.7	74.0	111.0	
97	50.8	39.0	58.6	
132	24.8	18.4	27.6	





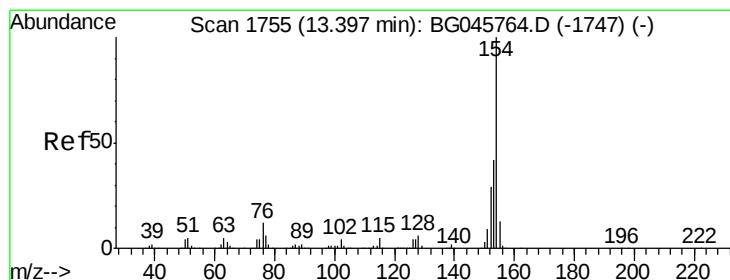
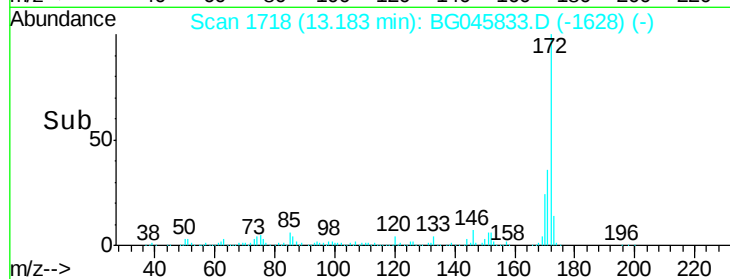
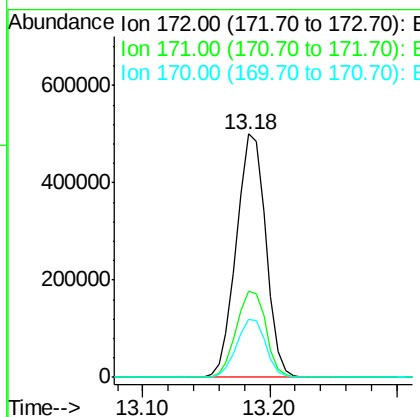
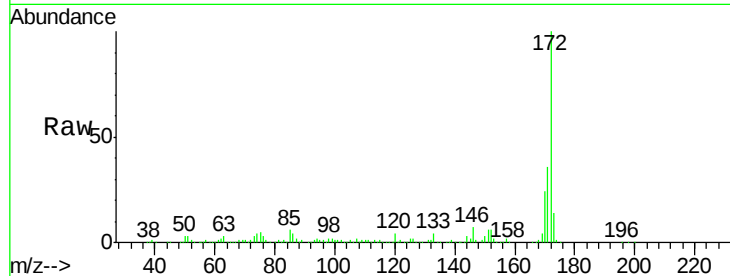
#45
2-Fluorobiphenyl
Concen: 90.267 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	23.9	19.3	28.9

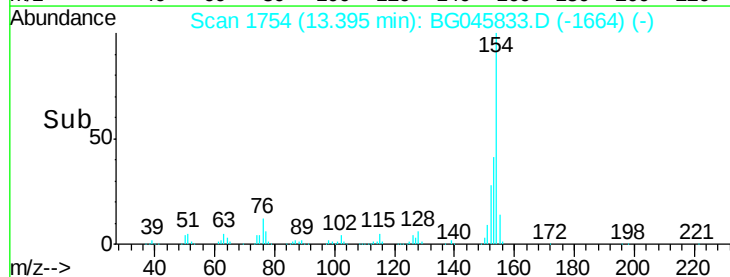
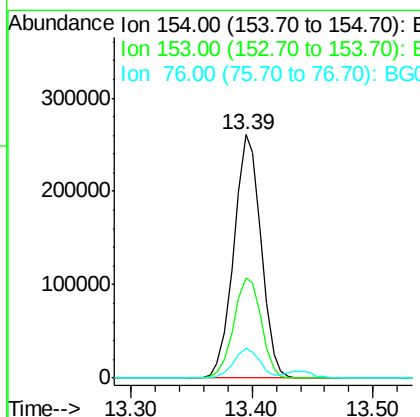
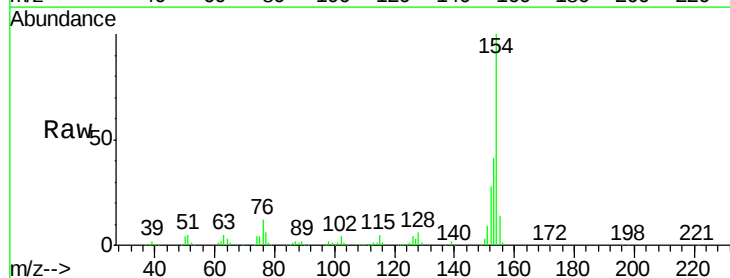
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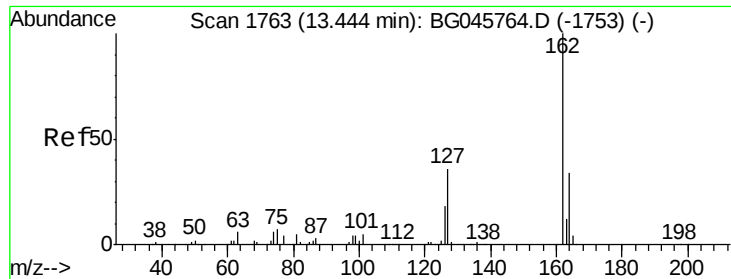
mohammad
6/24/2020 11:00:05 AM



#46
1,1'-Biphenyl
Concen: 43.552 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.7	61.7
76	12.1	0.0	32.0





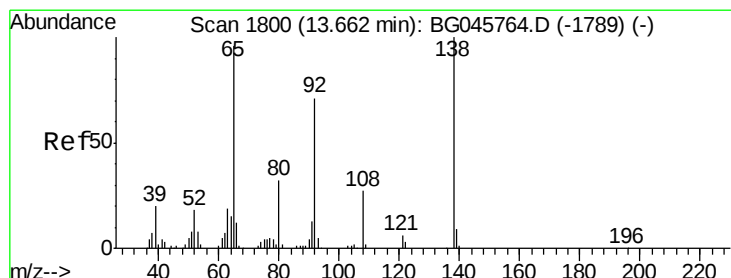
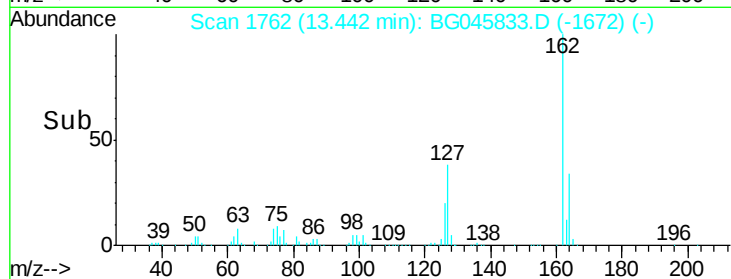
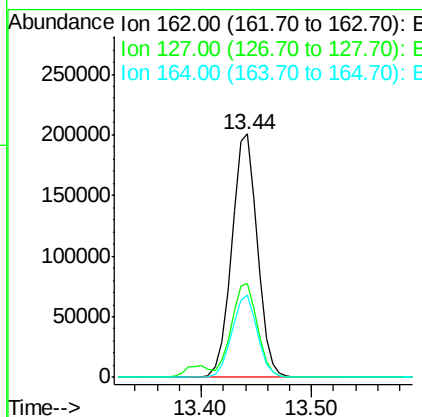
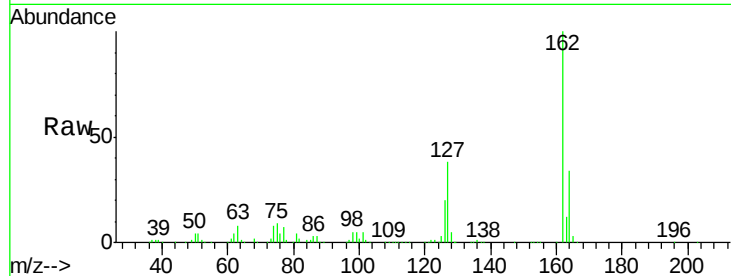
#47
2-Chloronaphthalene
Concen: 43.029 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	326219		
127	38.4		30.5	45.7
164	33.6		27.2	40.8

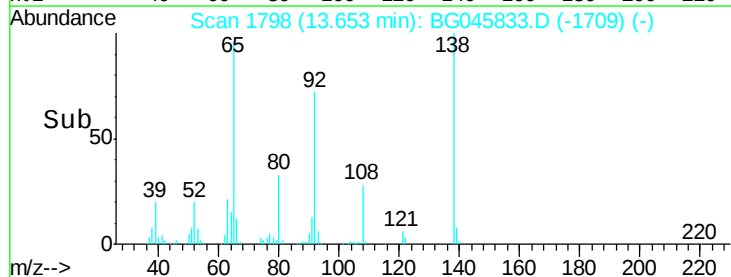
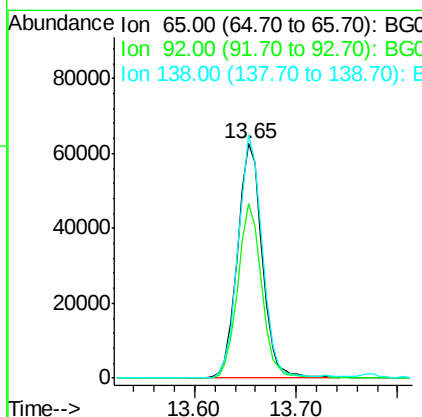
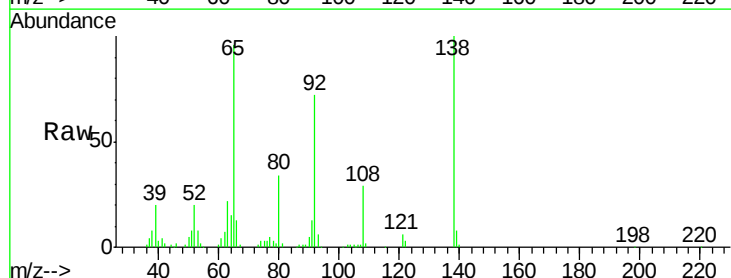
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#48
2-Nitroaniline
Concen: 42.087 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	106139		
92	74.4		59.0	88.6
138	103.8		83.6	125.4





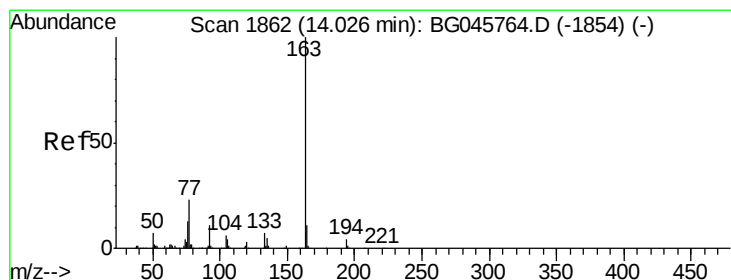
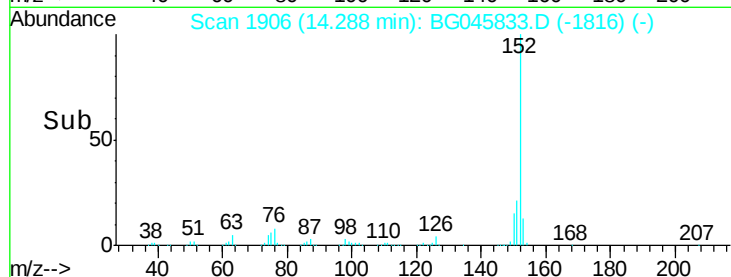
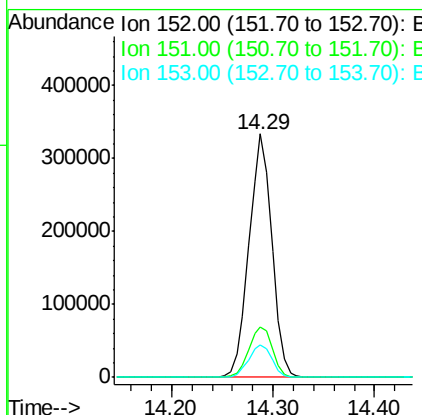
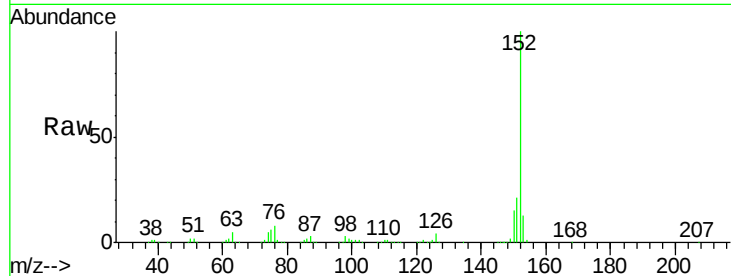
#49
Acenaphthylene
Concen: 42.934 ng
RT: 14.29 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.4
153	13.3	10.6	15.8

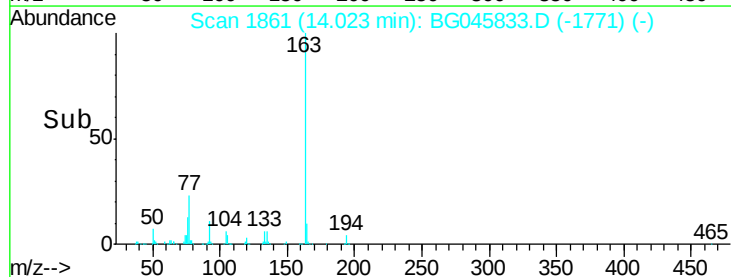
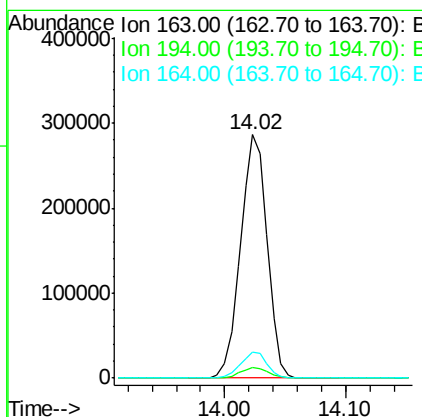
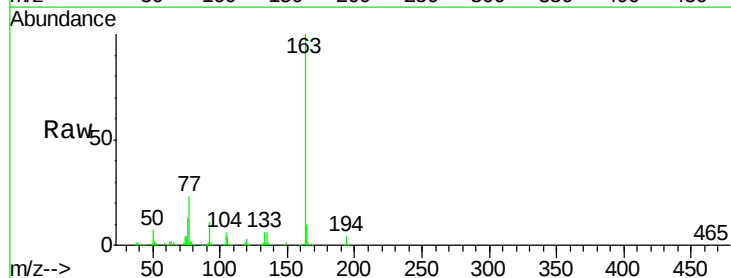
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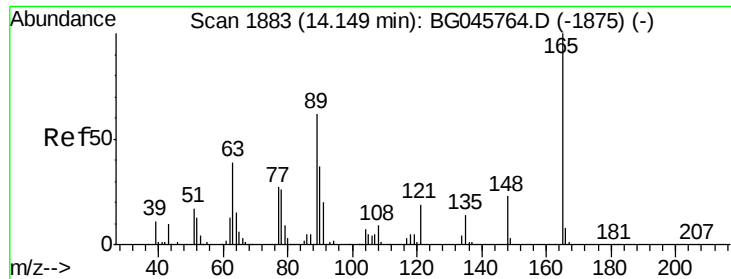
mohammad
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#50
Dimethylphthalate
Concen: 42.791 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.4	8.9	13.3





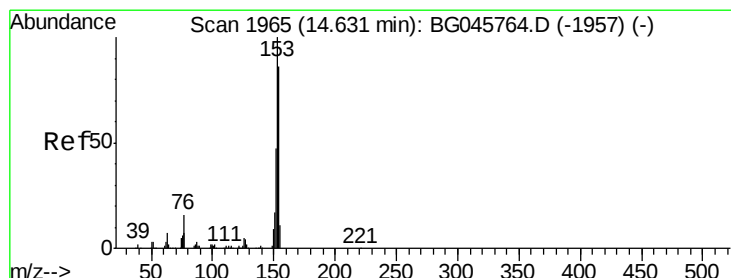
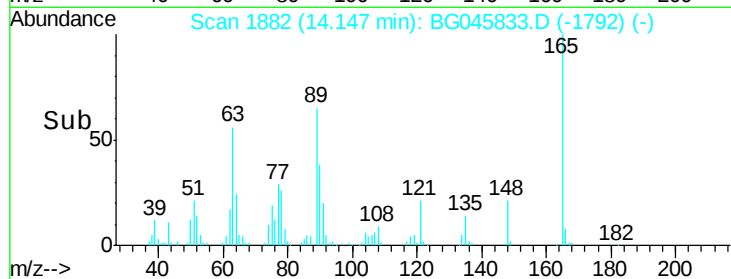
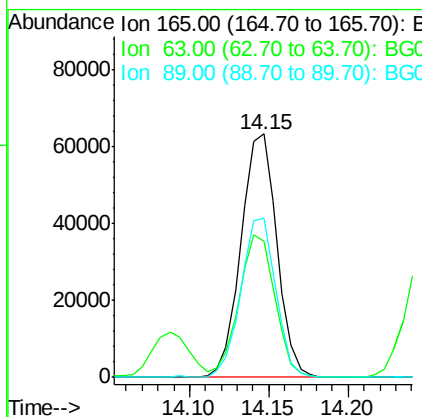
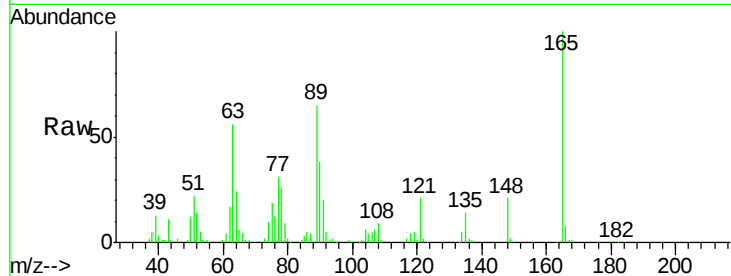
#51
 2,6-Dinitrotoluene
 Concen: 42.969 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.2	41.2	61.8
89	65.5	49.7	74.5

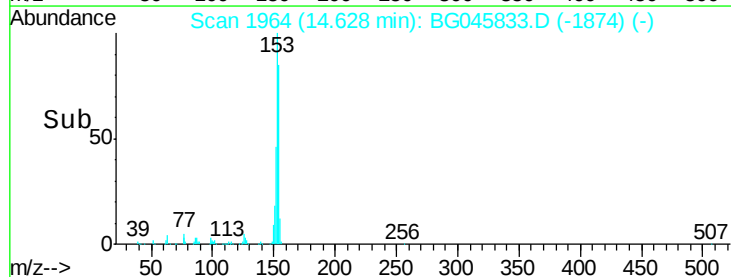
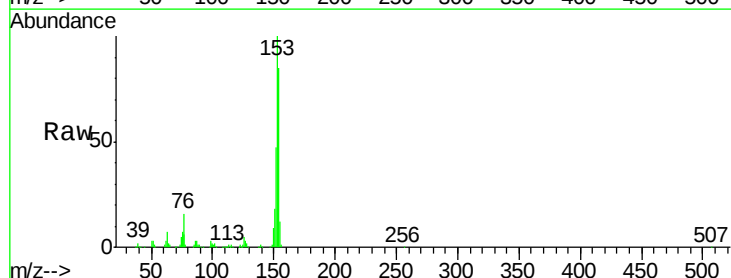
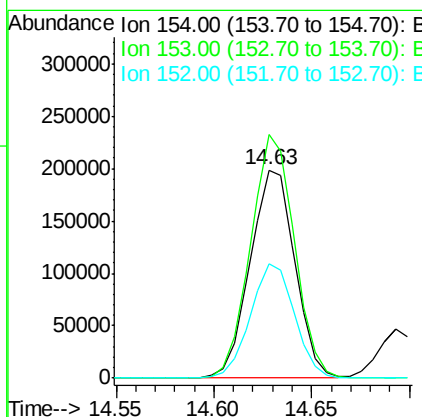
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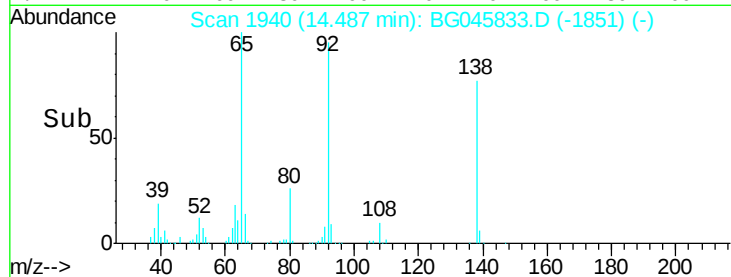
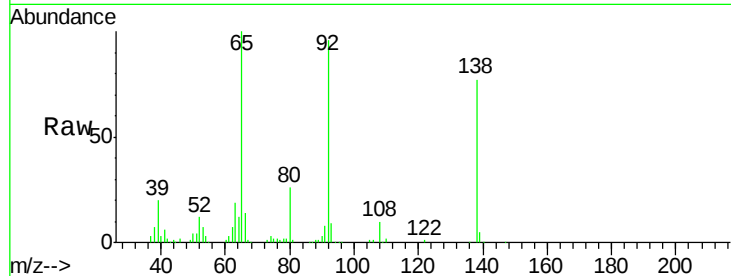
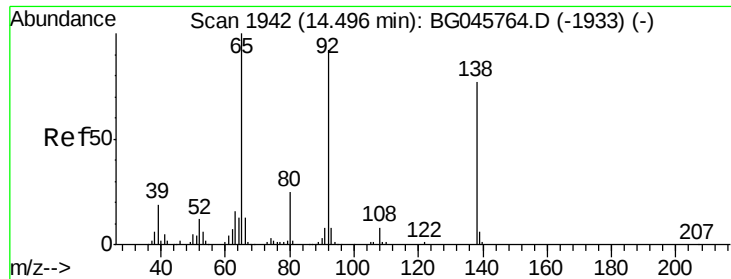
mohammad
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#52
 Acenaphthene
 Concen: 42.776 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.0	93.0	139.4
152	54.9	43.7	65.5





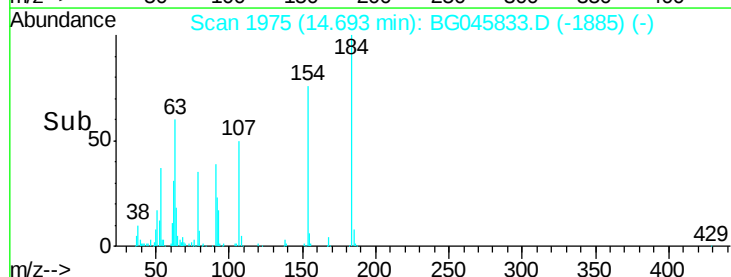
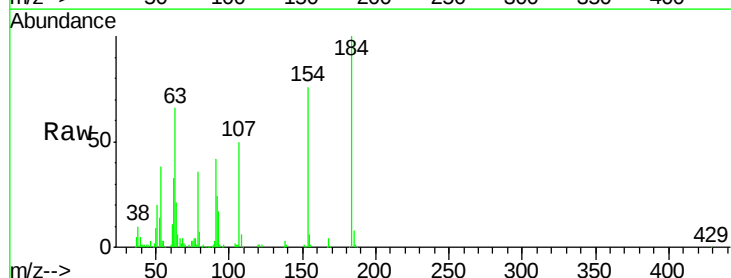
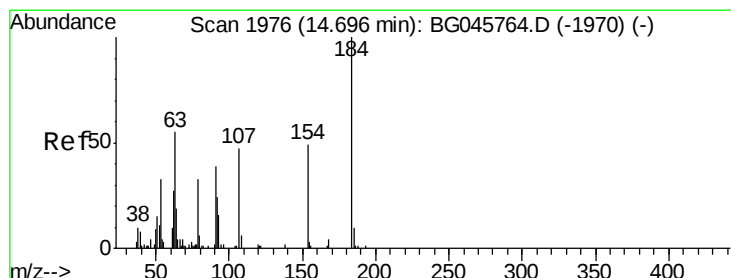
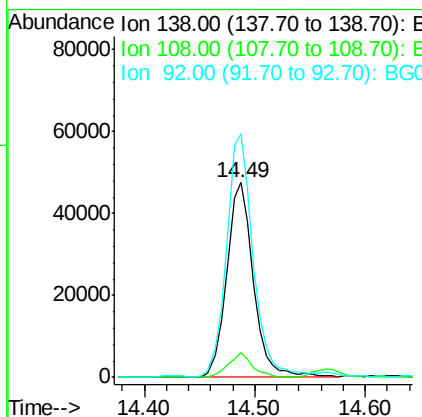
#53
3-Nitroaniline
Concen: 34.924 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion:138 Resp: 80462
Ion Ratio Lower Upper
138 100
108 12.8 8.4 12.6#
92 125.1 95.6 143.4

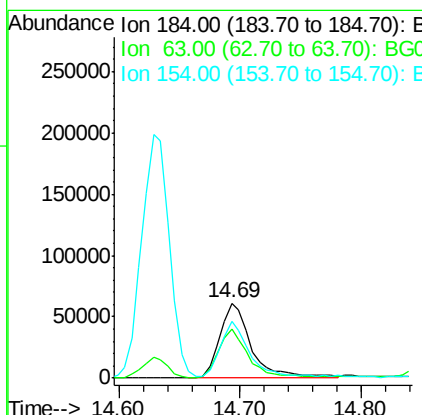
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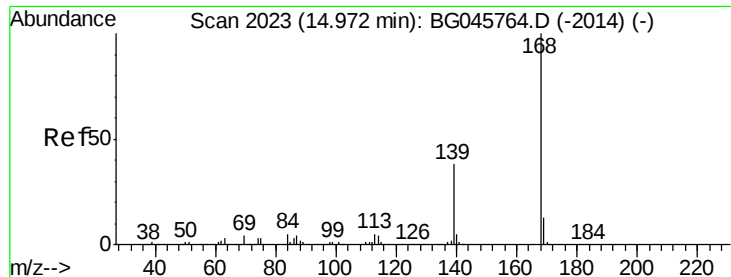
mohammad
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#54
2,4-Dinitrophenol
Concen: 85.139 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion:184 Resp: 110152
Ion Ratio Lower Upper
184 100
63 65.8 46.6 70.0
154 75.7 58.6 87.8





#55

Dibenzenofuran

Concen: 42.837 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

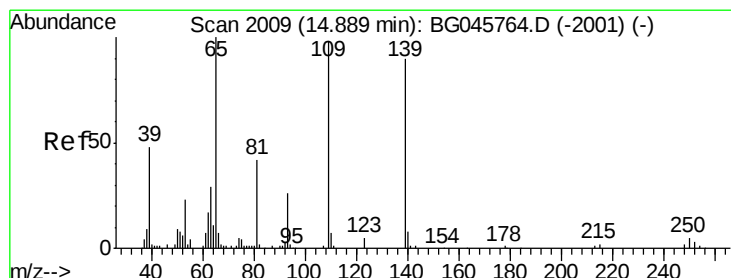
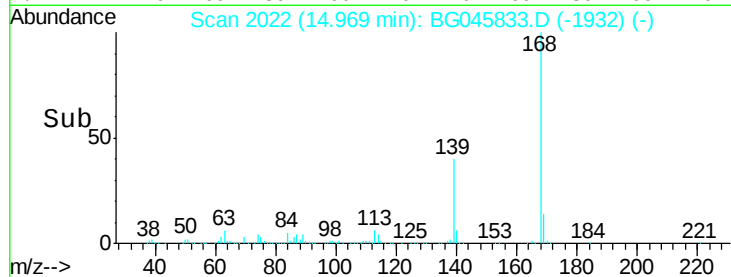
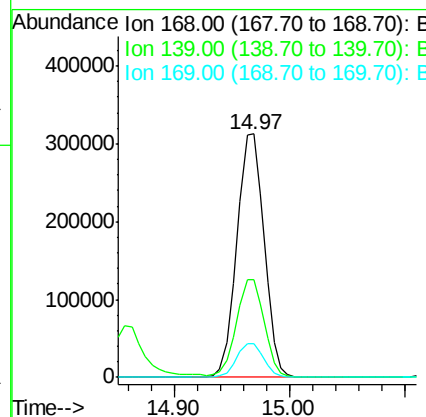
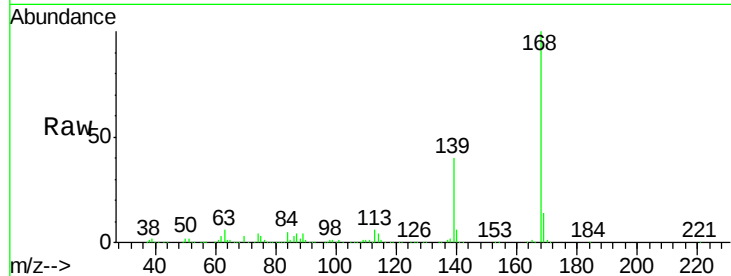
ClientSampleId :

PB129662BS

Tot Ion:	168	Resp:	512231
Ion Ratio		Lower	Upper
168	100		
139	40.3	31.8	47.6
169	13.7	10.4	15.6

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#56

4-Nitrophenol

Concen: 76.095 ng

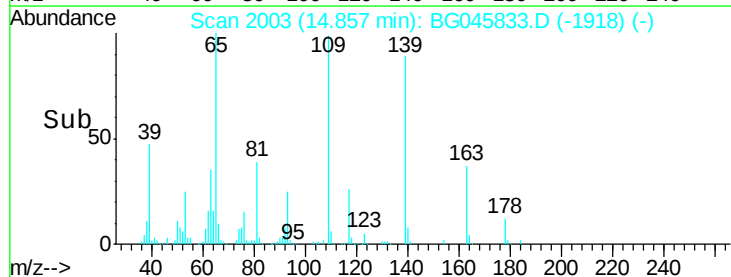
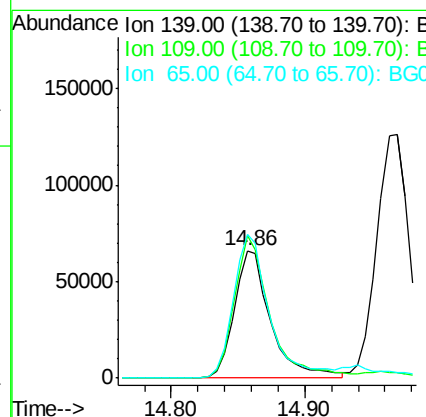
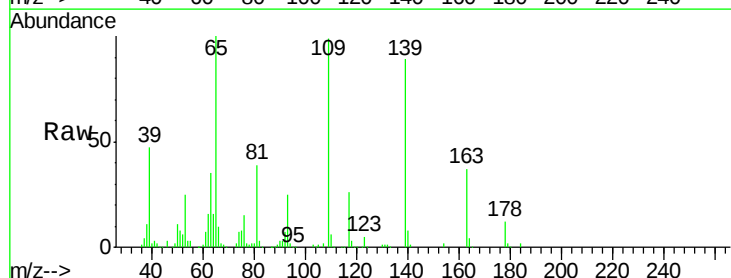
RT: 14.86 min Scan# 2003

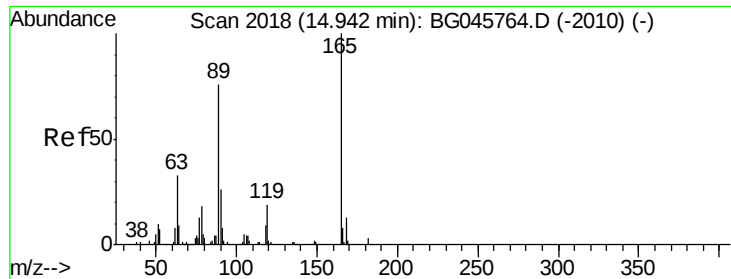
Delta R.T. -0.03 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Tgt Ion:	139	Resp:	125273
Ion Ratio		Lower	Upper
139	100		
109	111.8	88.9	128.9
65	112.7	92.3	132.3





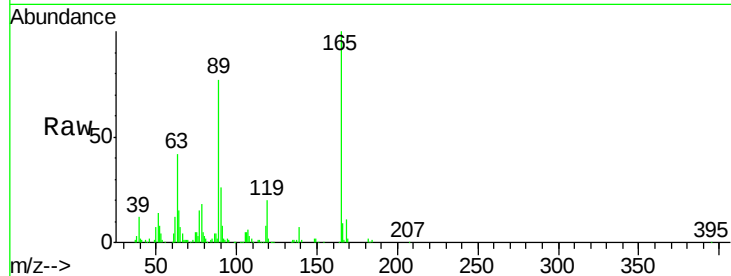
#57
2,4-Dinitrotoluene
Concen: 43.069 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	142339		
63	41.7		33.8	50.8
89	77.1		60.4	90.6
182	2.4		2.6	3.8#

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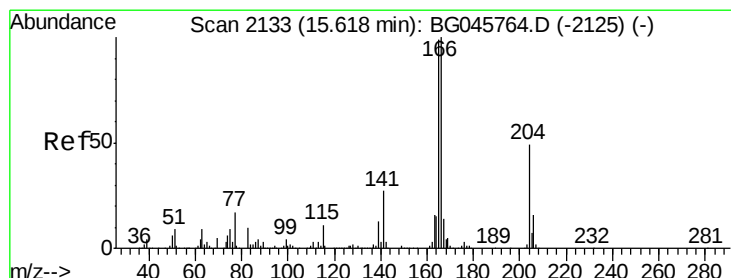
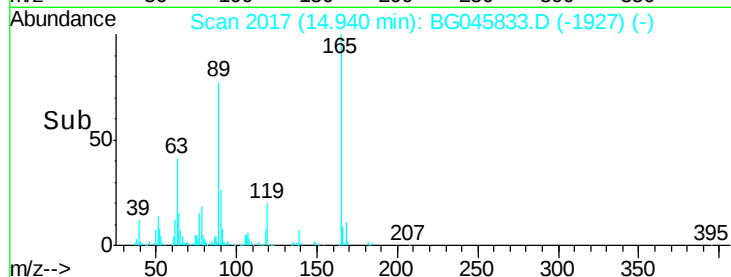
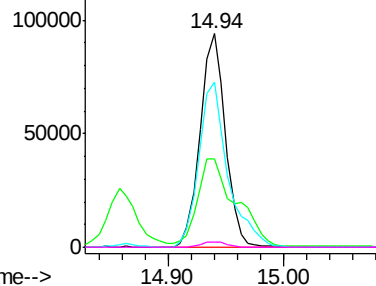
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.711 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

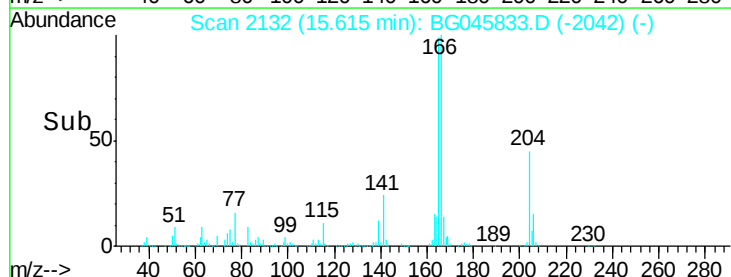
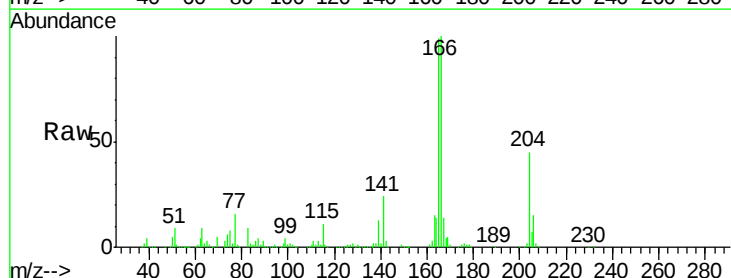
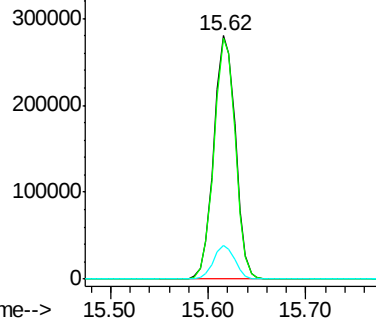
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	434627		
165	99.2		79.1	118.7
167	13.8		11.5	17.3

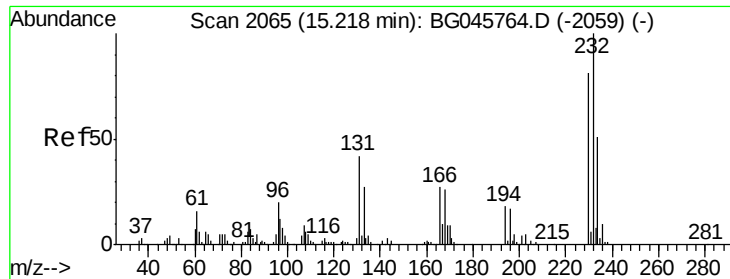
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





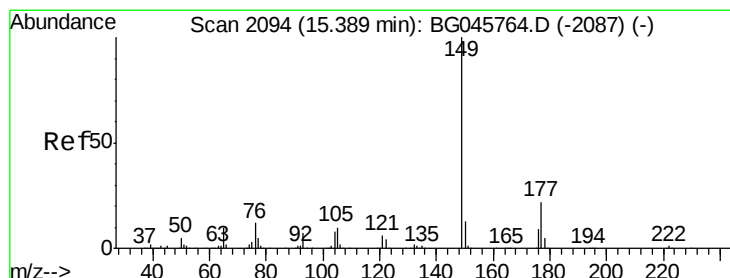
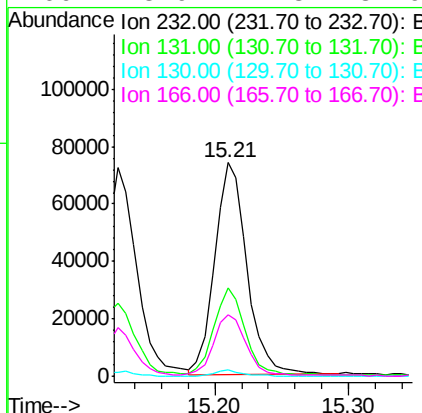
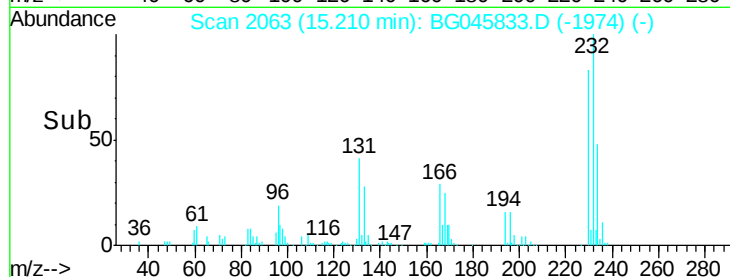
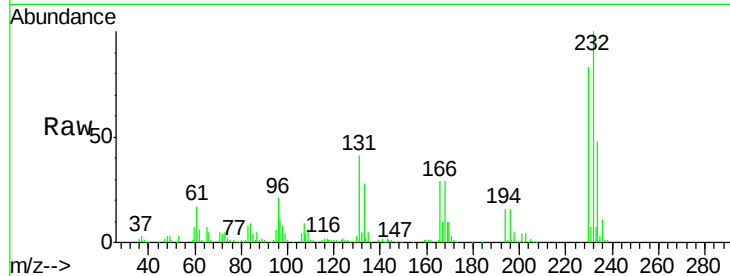
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.115 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		124818		
131	40.6	32.2	48.2		
130	2.5	2.2	3.4		
166	28.9	21.3	31.9		

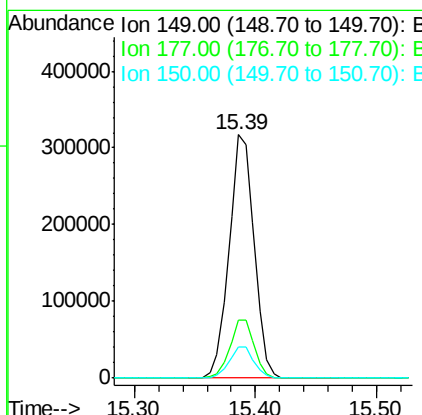
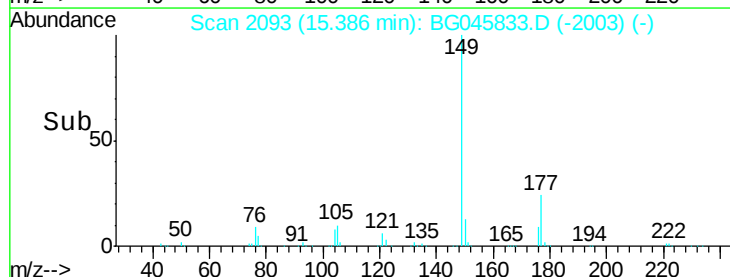
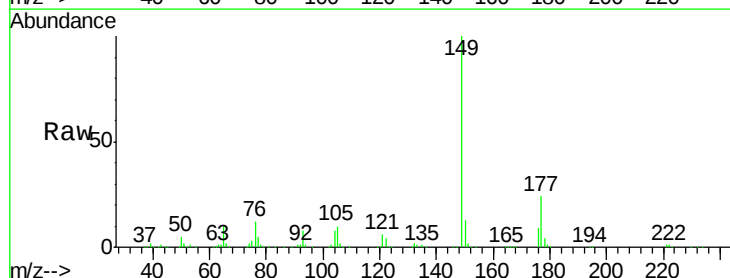
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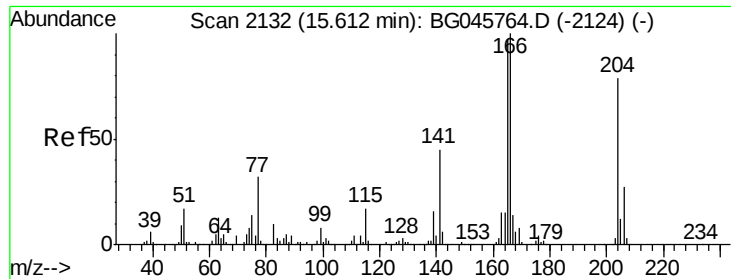
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#60
 Diethylphthalate
 Concen: 43.274 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		454313		
177	23.6	17.2	25.8		
150	12.8	10.7	16.1		





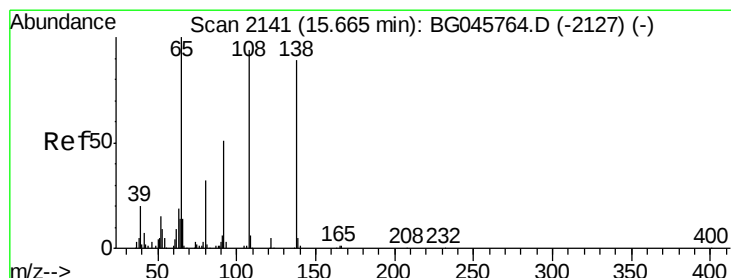
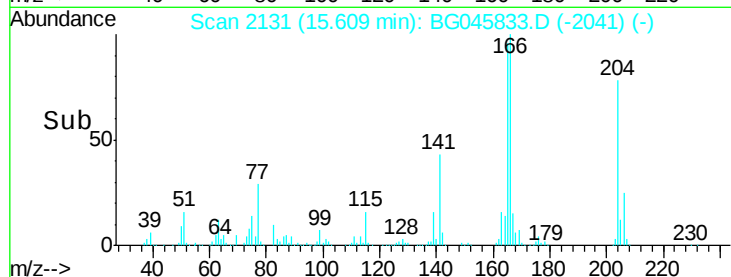
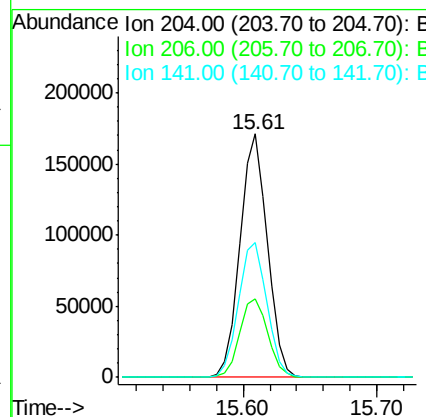
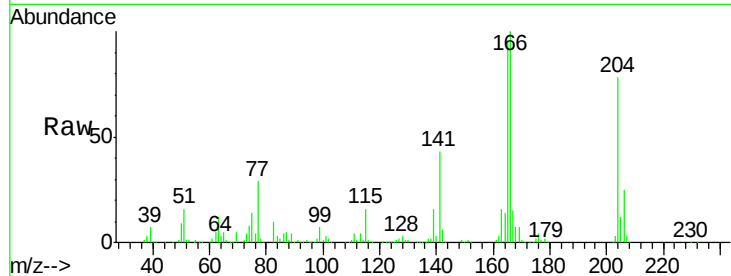
#61
4-Chlorophenyl-phenylether
Concen: 42.465 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	243359		
206	32.4	27.2	40.8	
141	55.5	45.9	68.9	

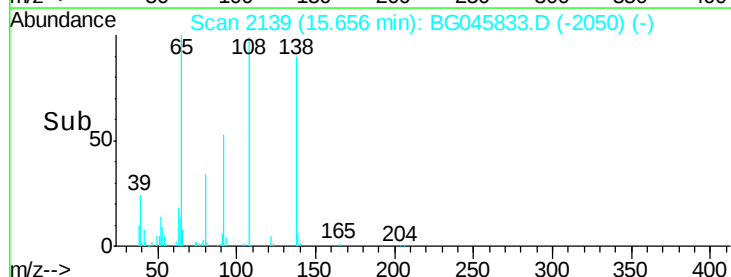
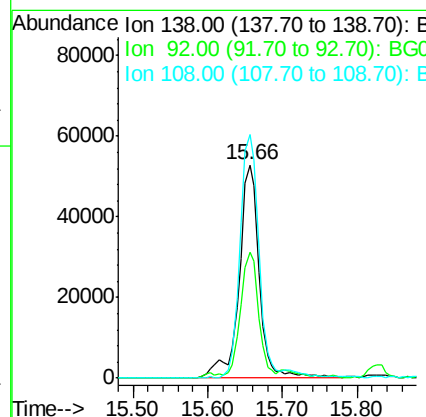
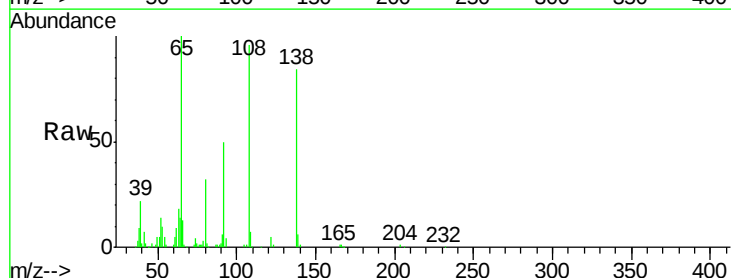
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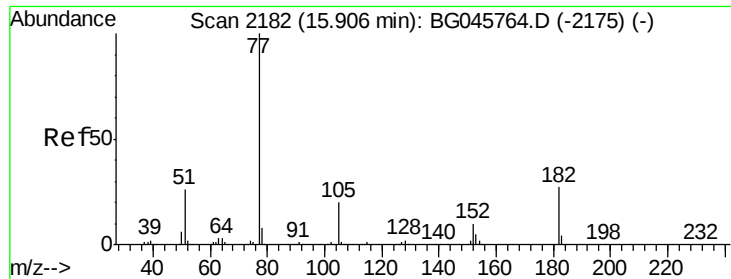
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#62
4-Nitroaniline
Concen: 42.141 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	99644		
92	59.0	37.3	77.3	
108	114.2	85.0	125.0	





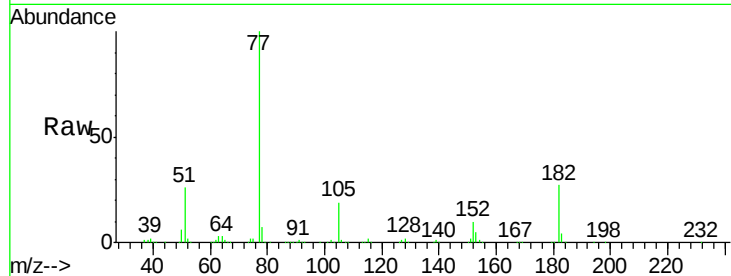
#63
Azobenzene
Concen: 43.562 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

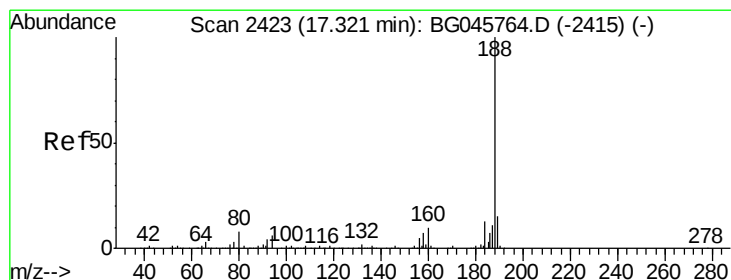
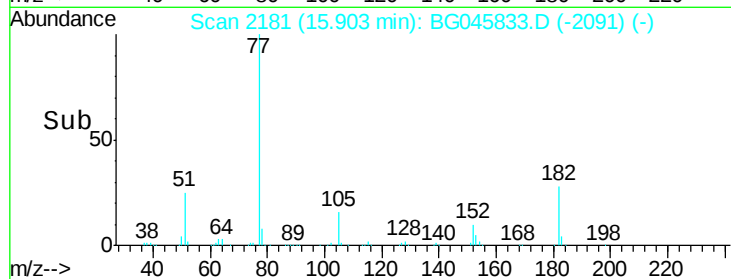
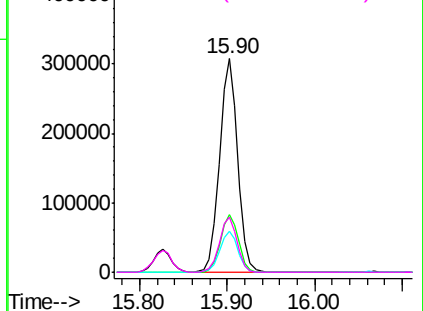
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.2	7.4	47.4	
105	19.1	0.1	40.1	
51	25.6	5.7	45.7	

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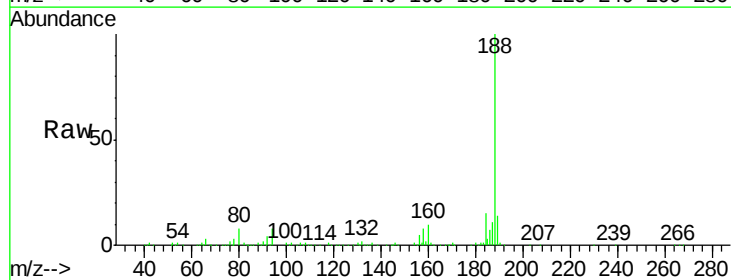


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

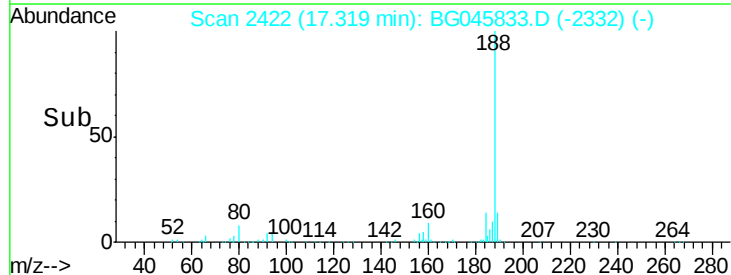
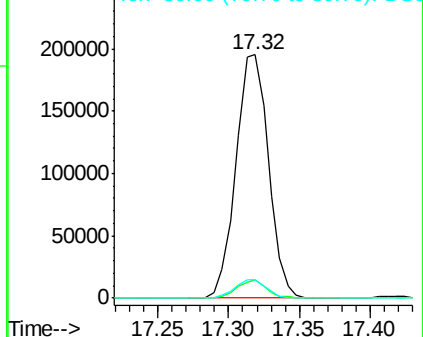


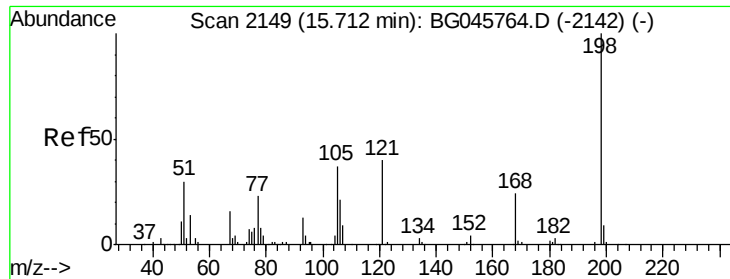
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.7	5.1	7.7	
80	7.8	6.2	9.4	



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





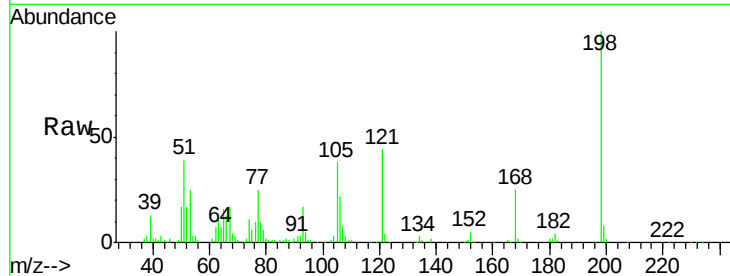
#65
4,6-Dinitro-2-methylphenol
Concen: 47.950 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

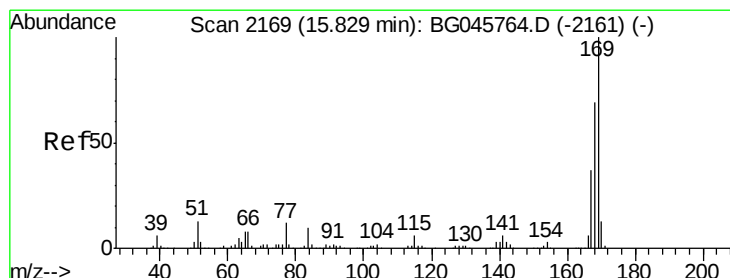
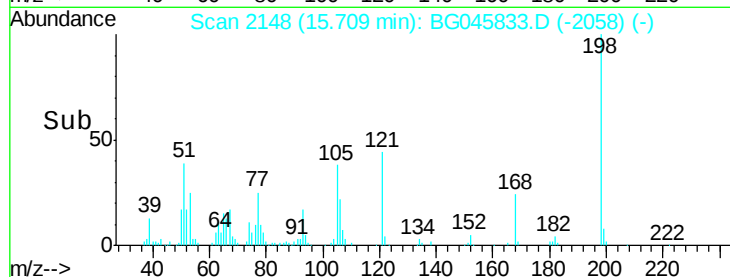
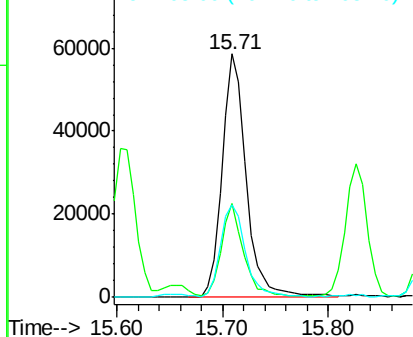
Tot Ion	Ratio	Lower	Upper
198	100		
51	38.7	14.6	54.6
105	38.0	18.4	58.4

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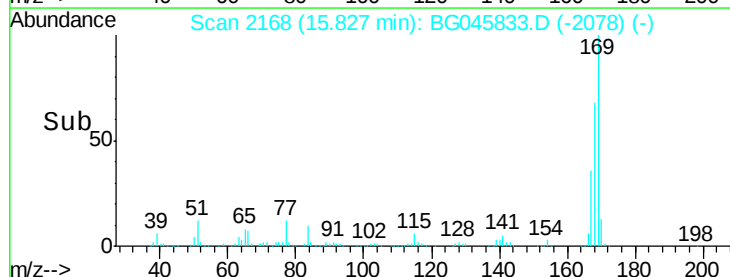
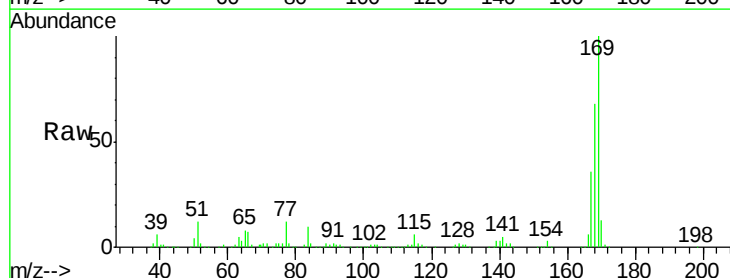
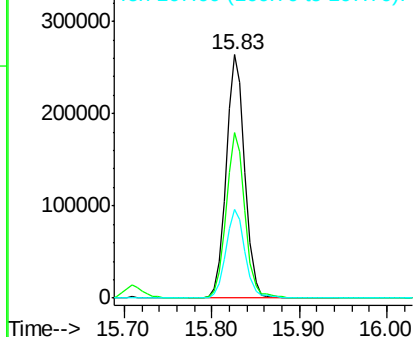
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

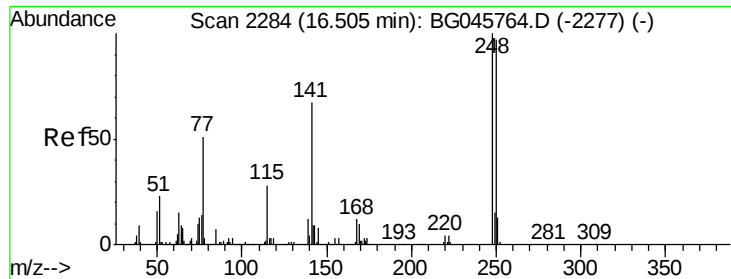


#66
n-Nitrosodiphenylamine
Concen: 43.017 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	55.2	82.8
167	36.5	29.8	44.6

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.717 ng

RT: 16.50 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

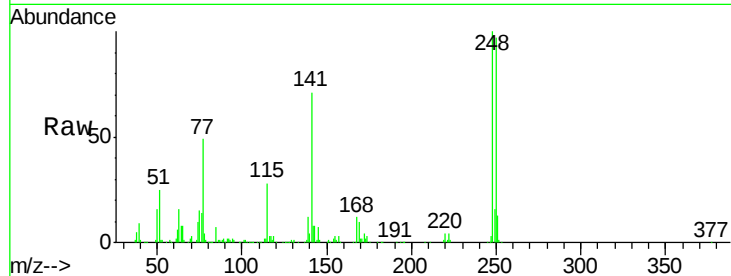
ClientSampleId :

PB129662BS

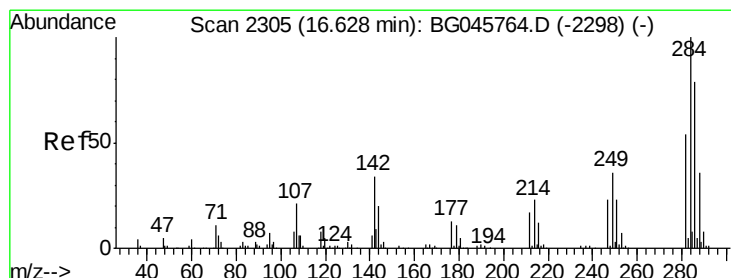
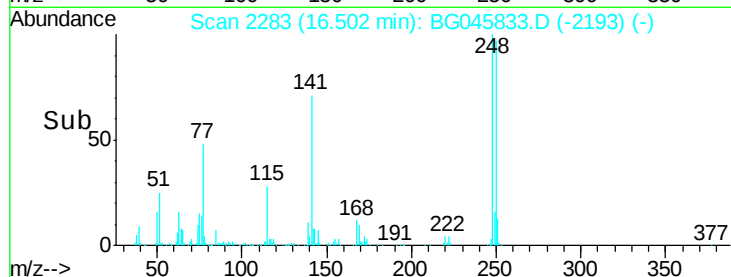
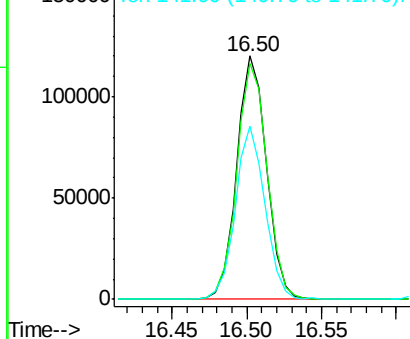
Tot Ion:	248	Resp:	166074
Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.0	117.0
141	70.9	53.9	80.9

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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: 44.595 ng

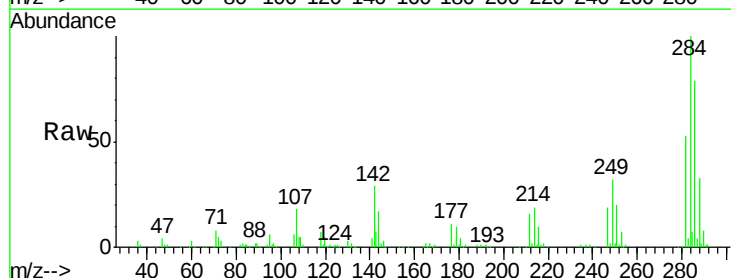
RT: 16.63 min Scan# 2305

Delta R.T. 0.00 min

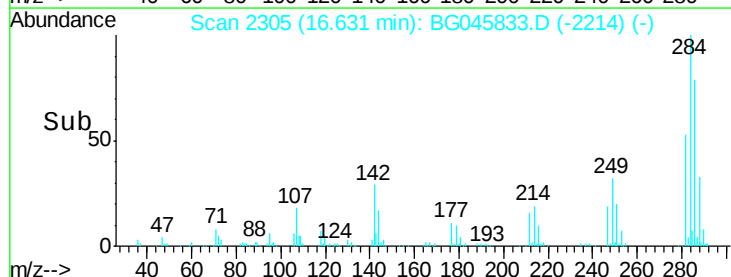
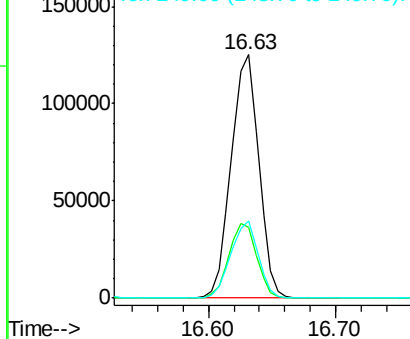
Lab File: BG045833.D

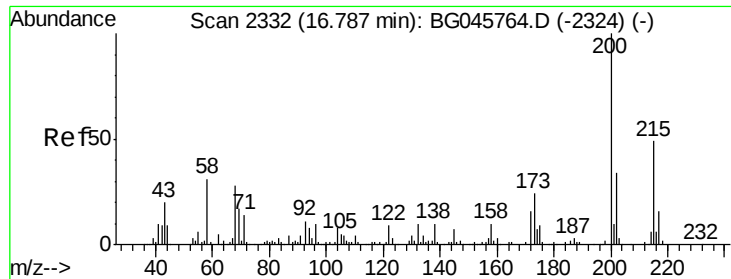
Acq: 23 Jun 2020 10:07

Tgt Ion:	284	Resp:	188613
Ion	Ratio	Lower	Upper
284	100		
142	29.2	26.9	40.3
249	31.8	28.6	42.8



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





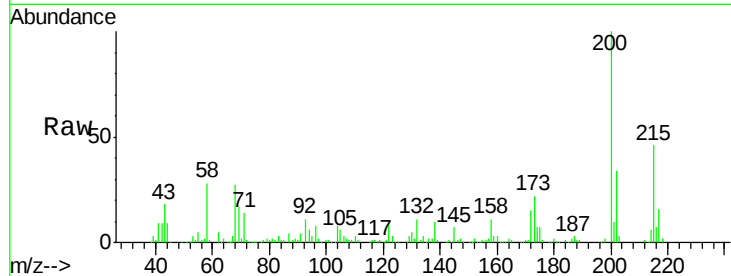
#69
Atrazine
Concen: 43.294 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

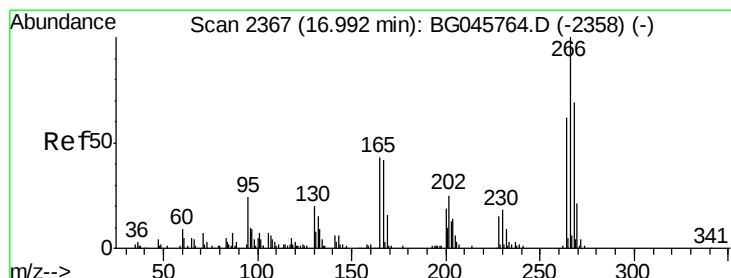
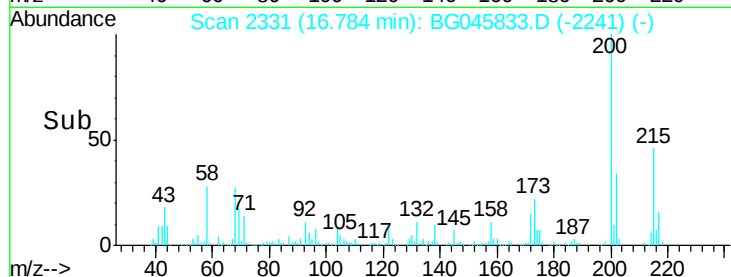
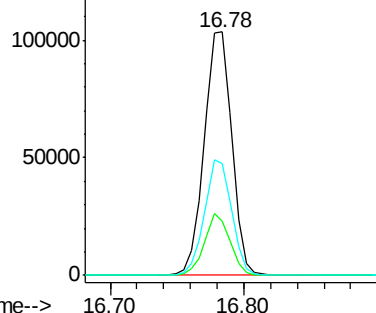
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.5	3.9	43.9
215	45.8	28.8	68.8

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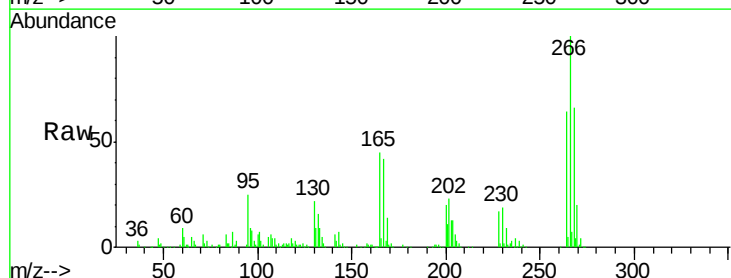


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

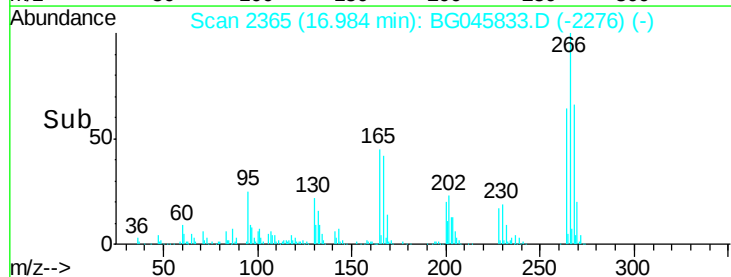
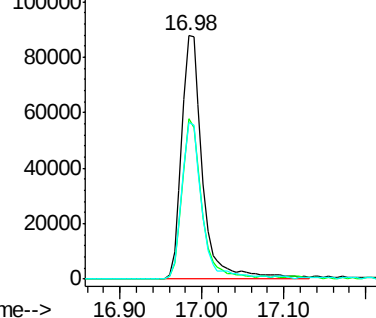


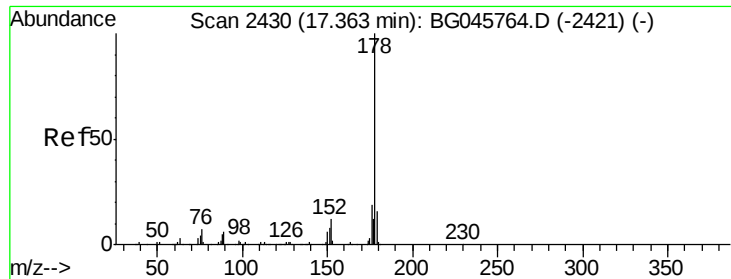
#70
Pentachlorophenol
Concen: 76.444 ng
RT: 16.98 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	55.4	83.0
264	64.5	49.8	74.6



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





#71

Phenanthrene

Concen: 43.117 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

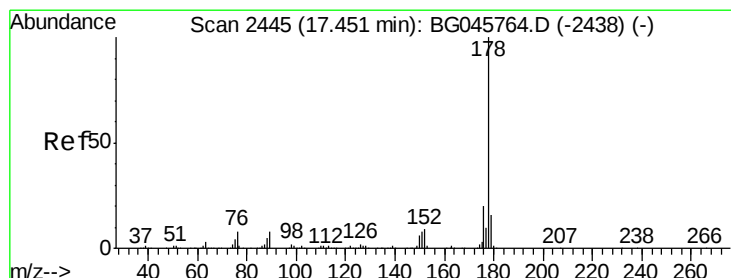
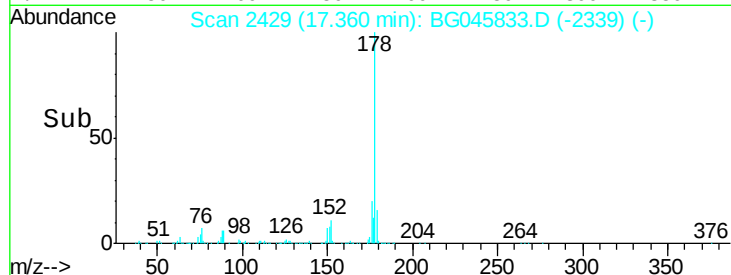
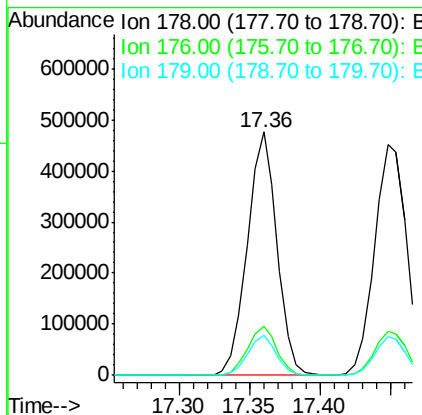
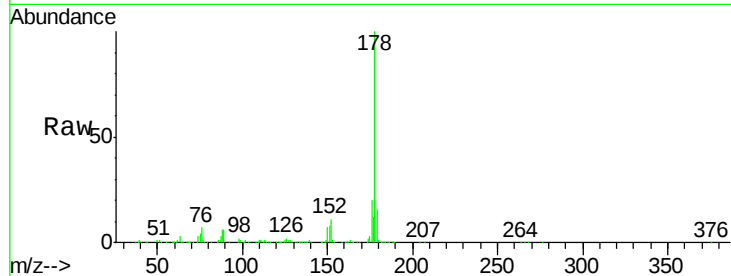
ClientSampleId :

PB129662BS

Tot Ion:	178	Resp:	698027
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.5	23.3
179	16.4	13.2	19.8

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#72

Anthracene

Concen: 44.259 ng

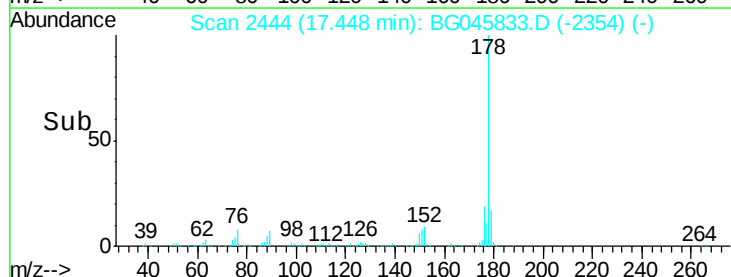
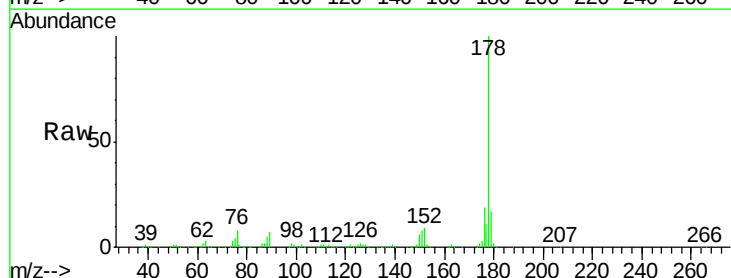
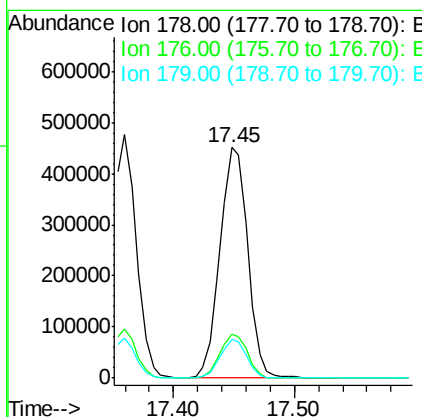
RT: 17.45 min Scan# 2444

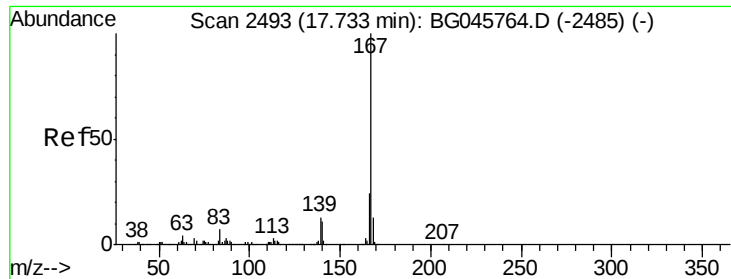
Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Tgt Ion:	178	Resp:	713499
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.6	23.4
179	16.6	13.1	19.7





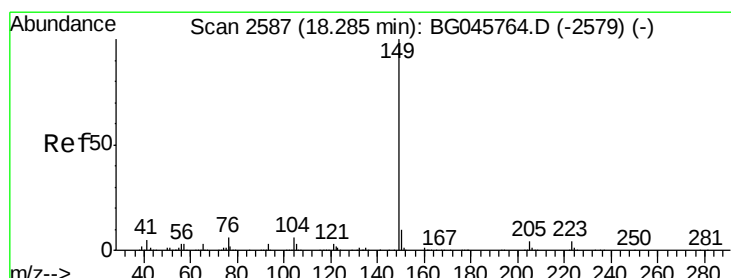
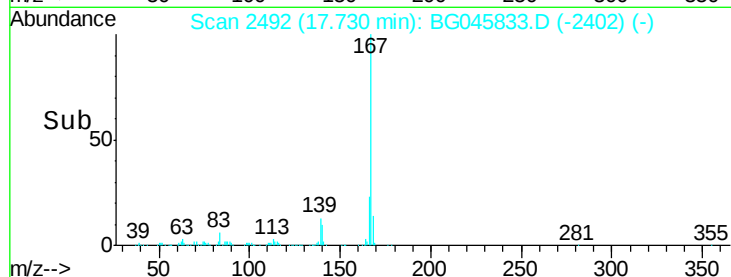
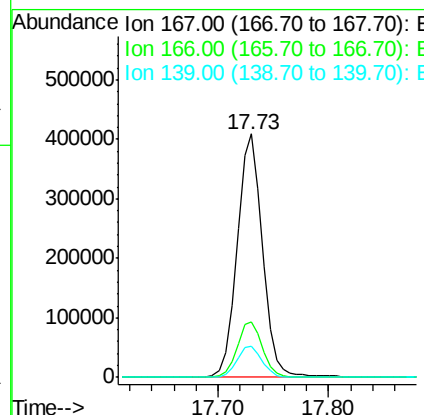
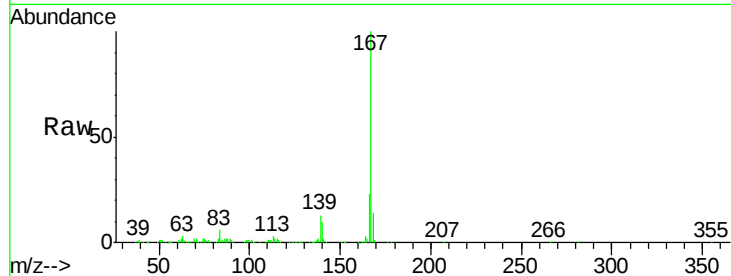
#73
 Carbazole
 Concen: 42.839 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.9	28.3
139	13.0	10.6	15.8

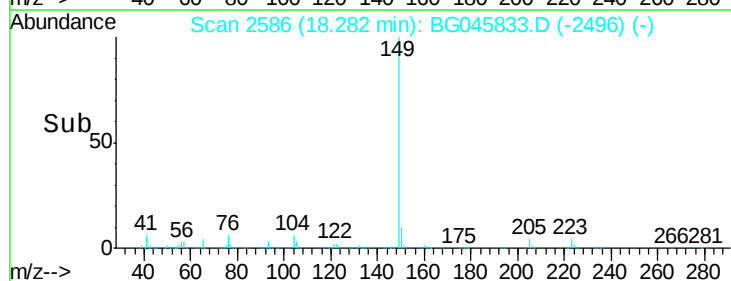
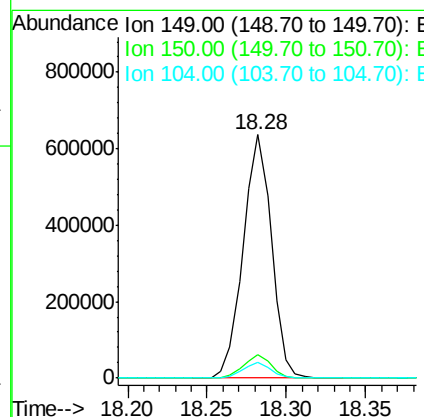
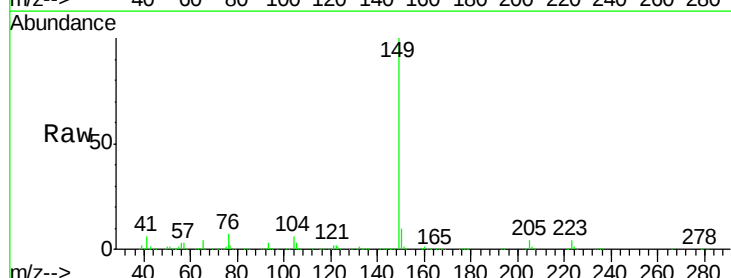
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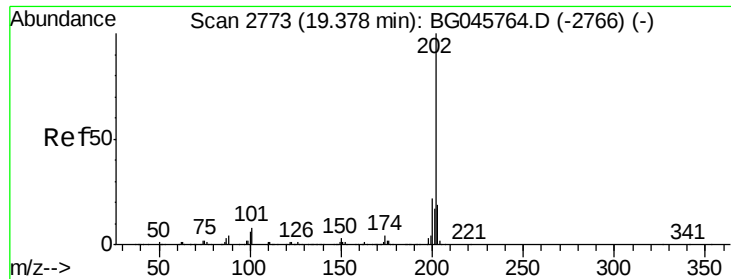
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#74
 Di-n-butylphthalate
 Concen: 43.284 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	6.2	5.1	7.7





#75

Fluoranthene

Concen: 44.822 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

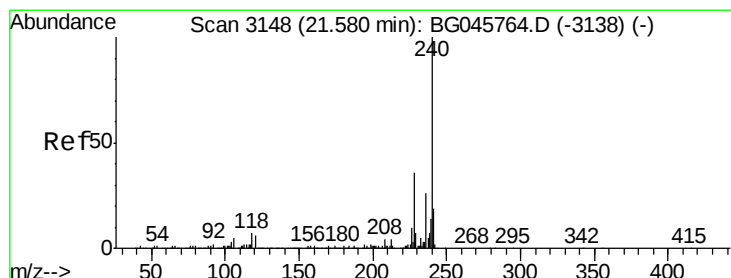
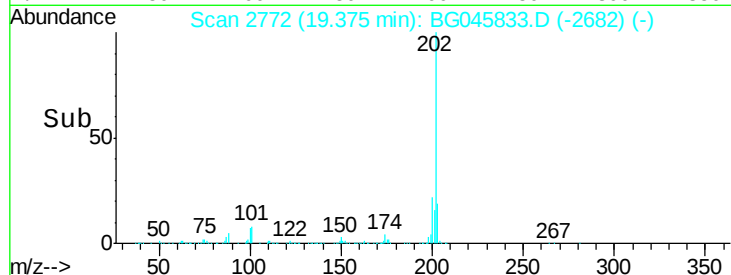
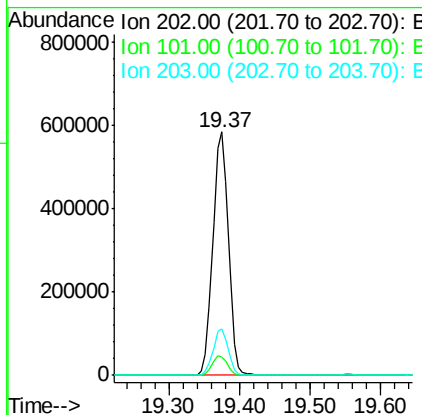
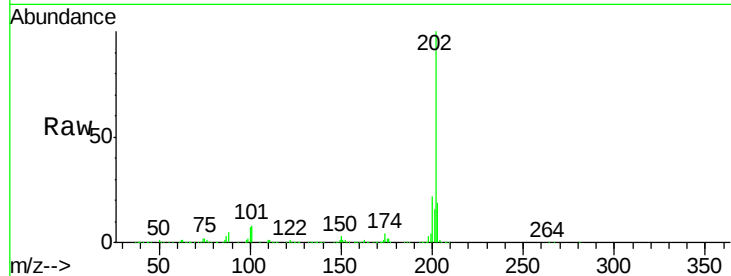
ClientSampleId :

PB129662BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	892284		
101	7.8	0.0	27.7	
203	19.1	0.0	38.7	

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#76

Chrysene-d12

Concen: 20.000 ng

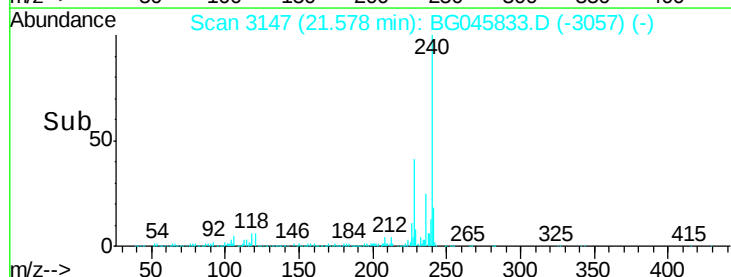
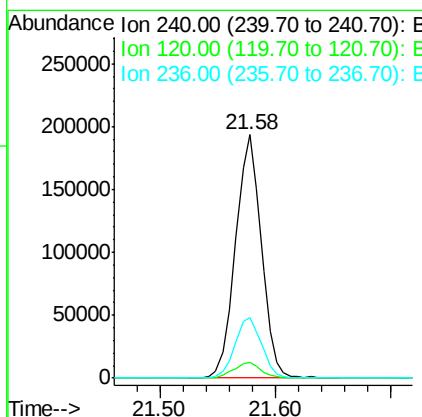
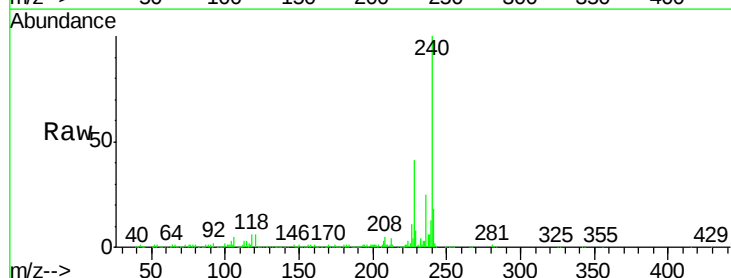
RT: 21.58 min Scan# 3147

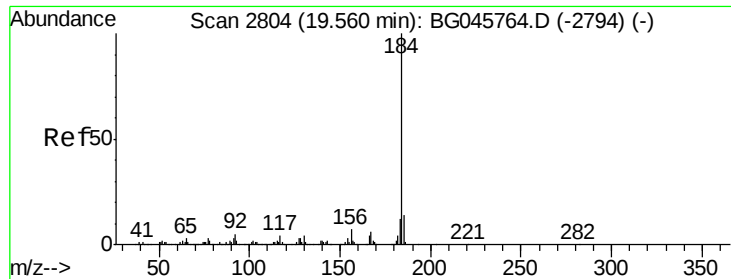
Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	300027		
120	6.4	5.0	7.4	
236	24.7	20.6	30.8	





#77

Benzidine

Concen: 69.324 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

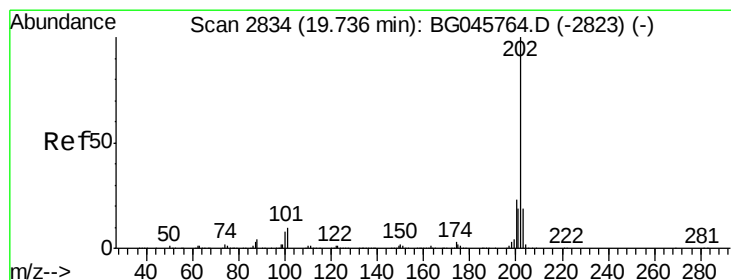
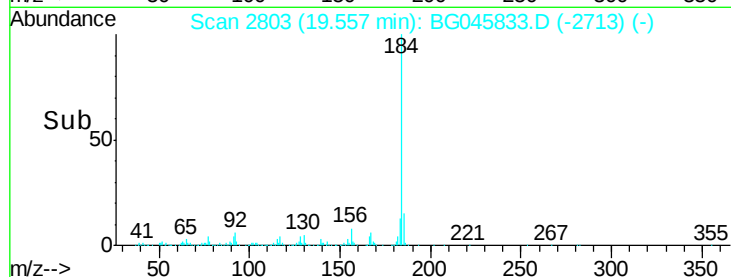
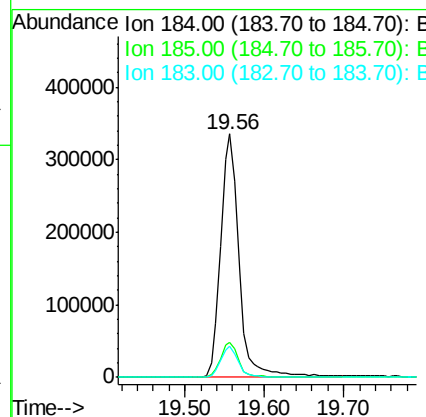
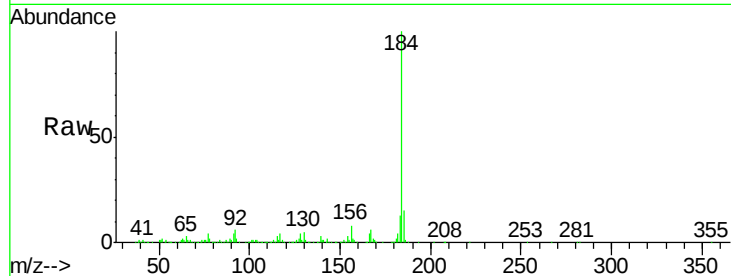
ClientSampleId :

PB129662BS

Tot Ion:	184	Resp:	540710
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.1	16.7
183	12.9	9.7	14.5

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#78

Pyrene

Concen: 43.943 ng

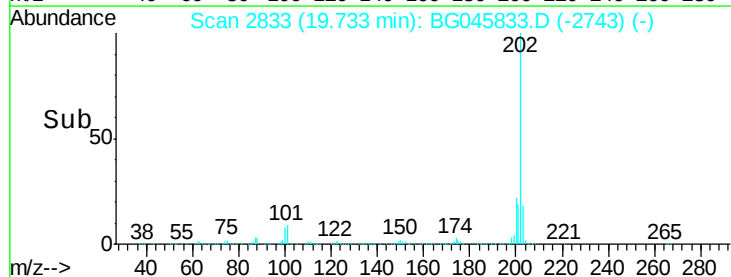
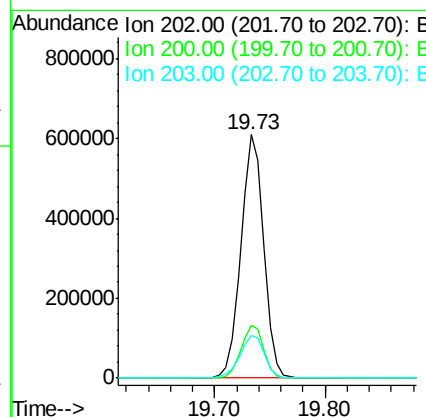
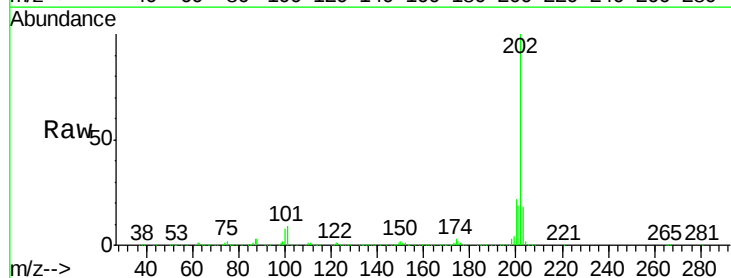
RT: 19.73 min Scan# 2833

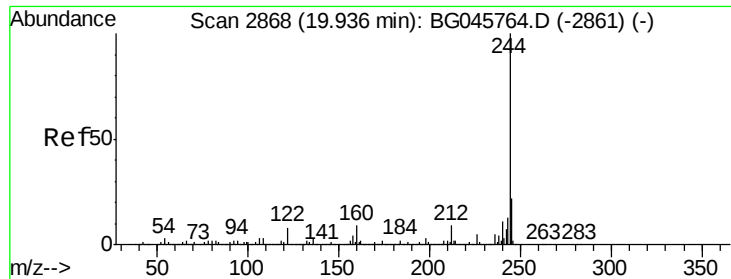
Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Tgt Ion:	202	Resp:	882858
Ion Ratio	Lower	Upper	
202	100		
200	21.9	18.2	27.2
203	17.7	14.8	22.2





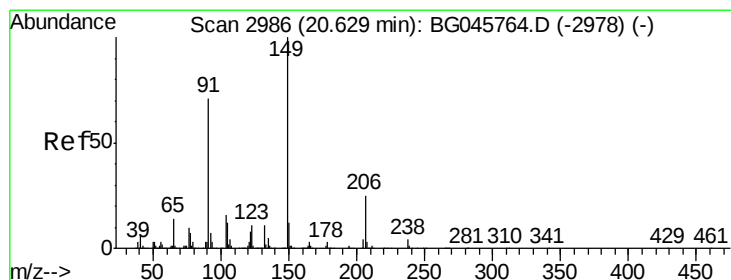
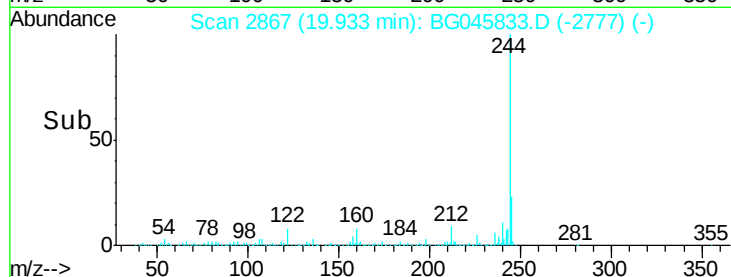
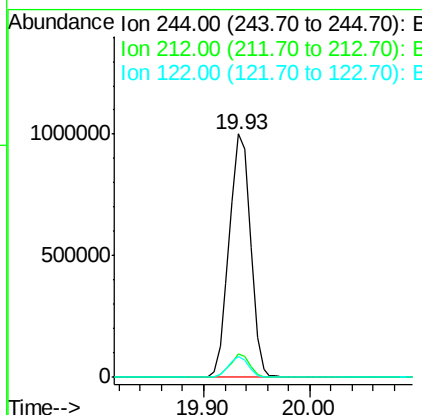
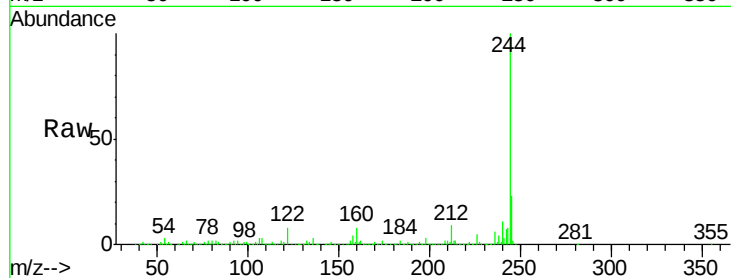
#79
 Terphenyl-d14
 Concen: 94.600 ng
 RT: 19.93 min Scan# 2867
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	8.4	6.4	9.6

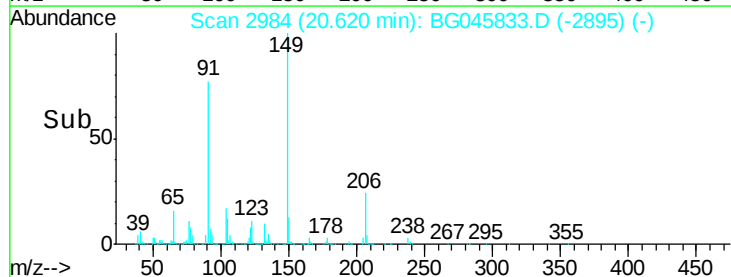
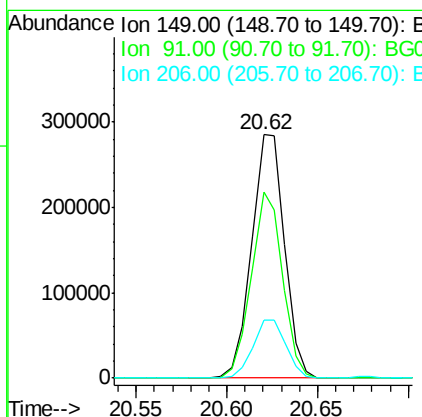
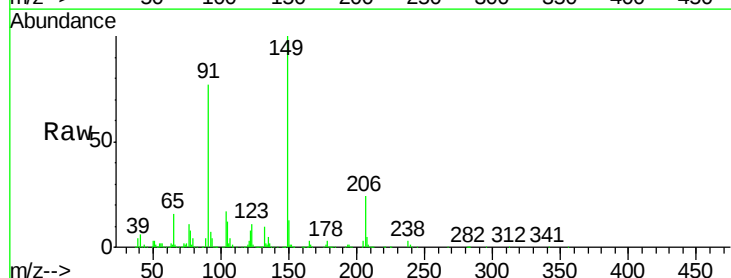
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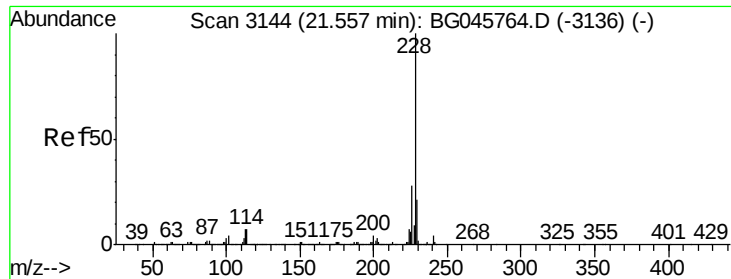
mohammad
 6/24/2020 11:00:05 AM



#80
 Butylbenzylphthalate
 Concen: 42.636 ng
 RT: 20.62 min Scan# 2984
 Delta R.T. -0.01 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.6	56.4	84.6
206	23.8	19.8	29.6





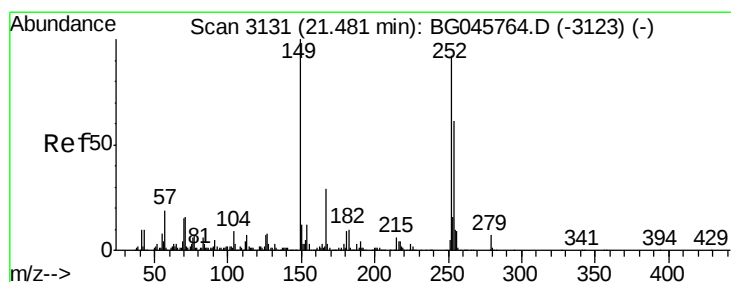
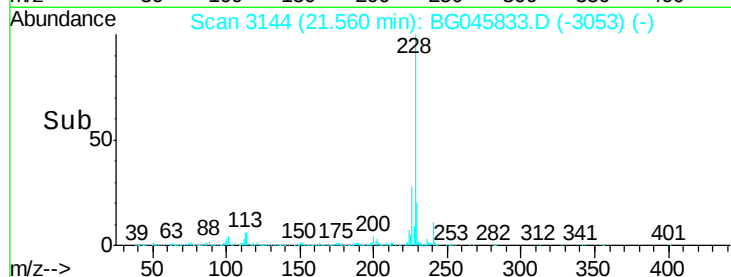
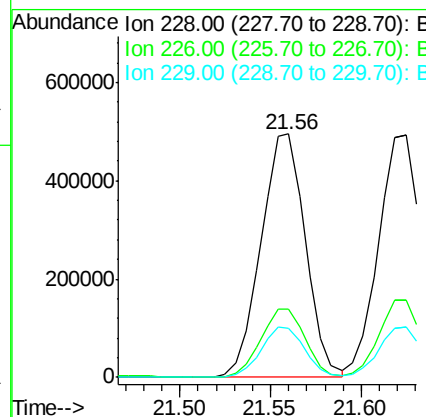
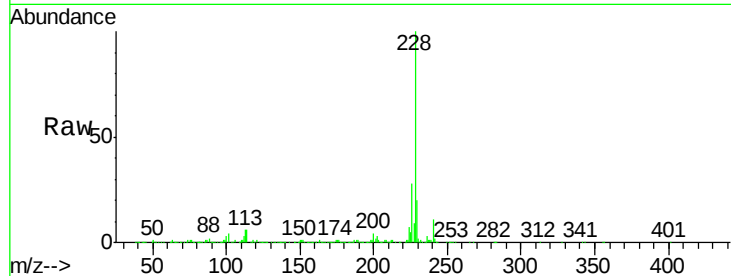
#81
Benzo(a)anthracene
Concen: 43.380 ng
RT: 21.56 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.7	34.1
229	20.3	16.6	24.8

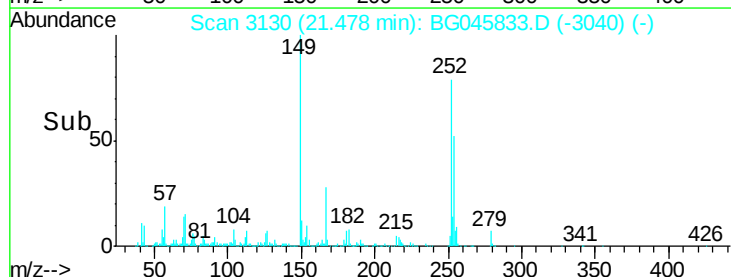
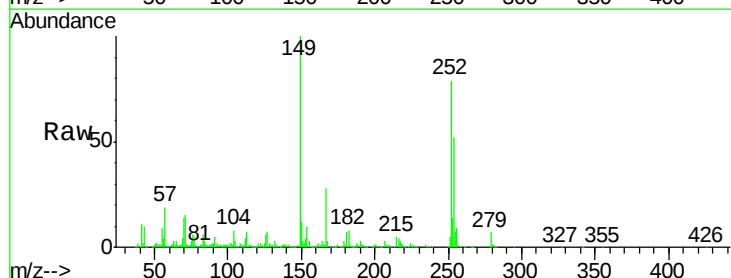
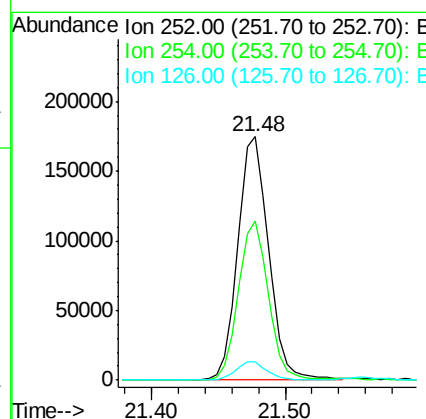
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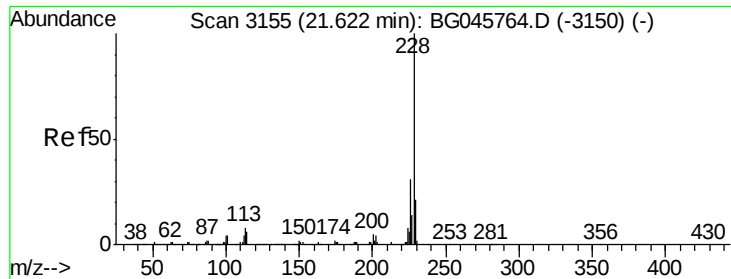
mohammad
6/24/2020 11:00:05 AM



#82
3,3'-Dichlorobenzidine
Concen: 38.150 ng
RT: 21.48 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	53.4	80.0
126	7.8	5.8	8.8





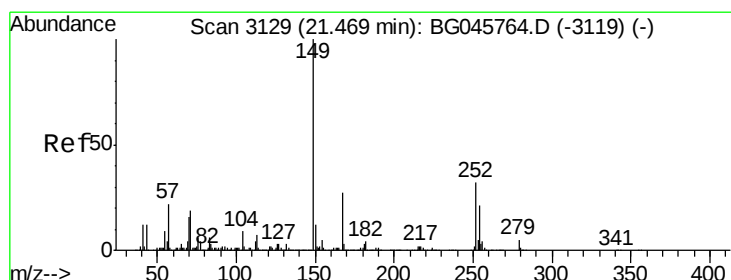
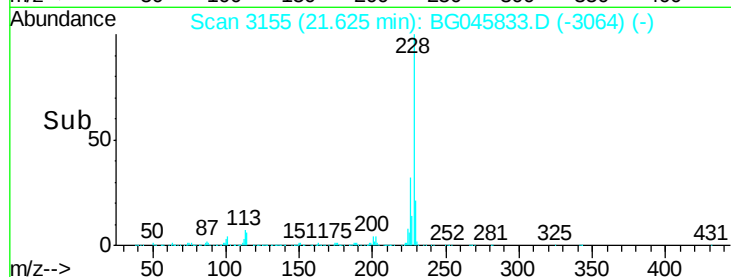
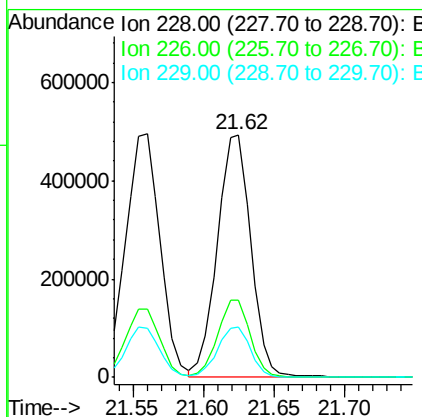
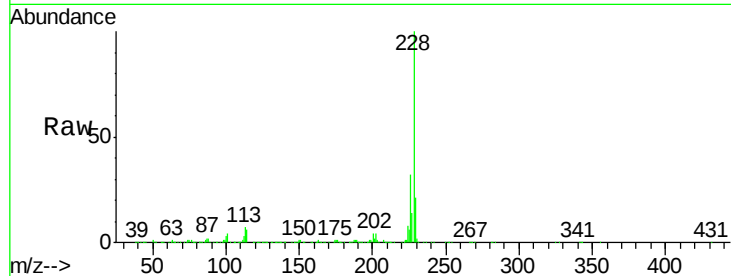
#83
 Chrysene
 Concen: 43.069 ng
 RT: 21.62 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

Tot Ion:	228	Resp:	810306
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.1	37.7
229	20.9	16.4	24.6

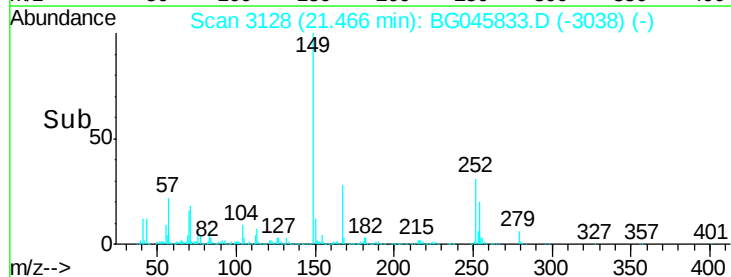
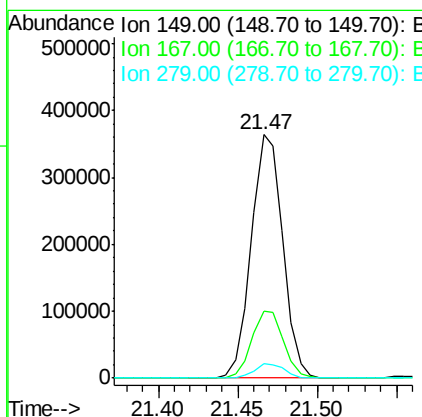
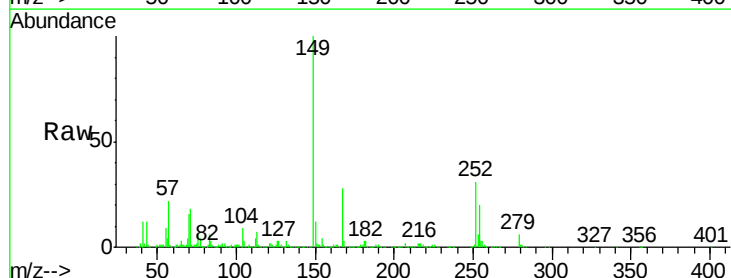
Manual Integrations
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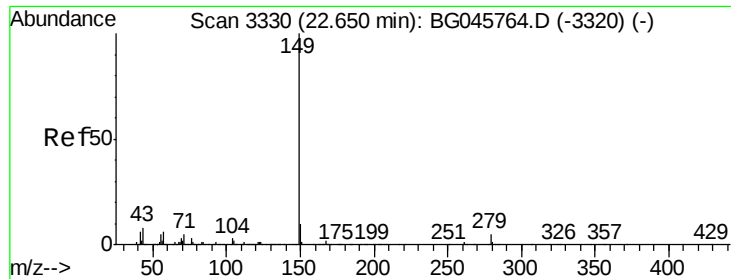
mohammad
 6/24/2020 11:00:05 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.038 ng
 RT: 21.47 min Scan# 3128
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion:	149	Resp:	503426
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.3	31.9
279	6.1	3.7	5.5#





#85

Di-n-octyl phthalate

Concen: 42.978 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

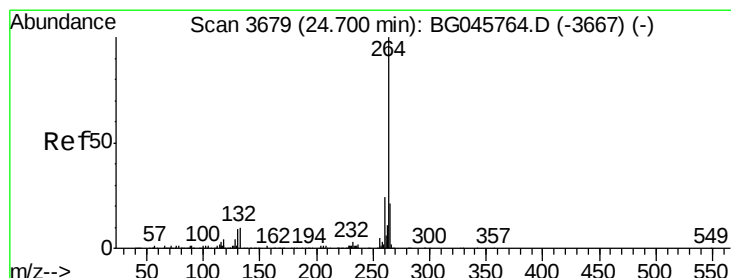
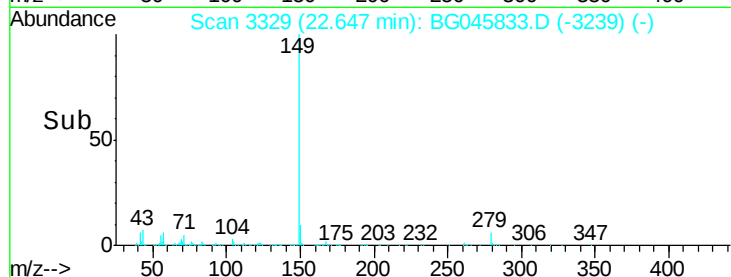
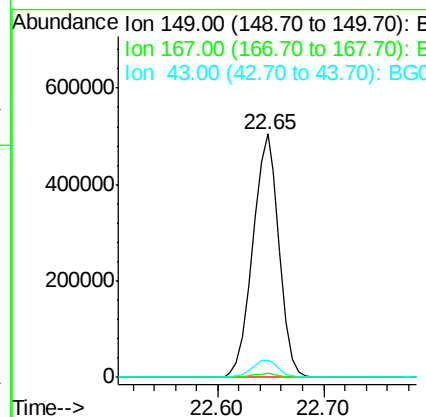
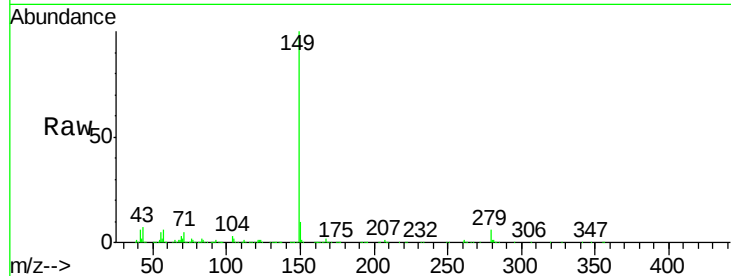
ClientSampleId :

PB129662BS

Tot Ion:	149	Resp:	867170
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	7.3	5.9	8.9

Manual Integrations
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mohammad
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#86

Perylene-d12

Concen: 20.000 ng

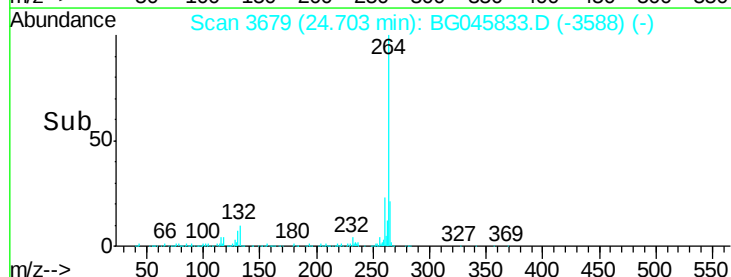
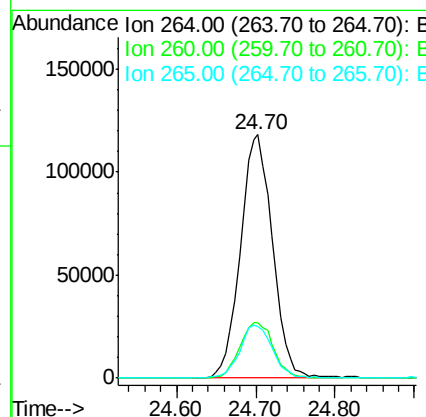
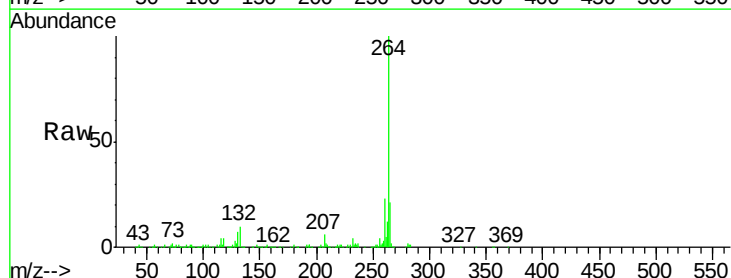
RT: 24.70 min Scan# 3679

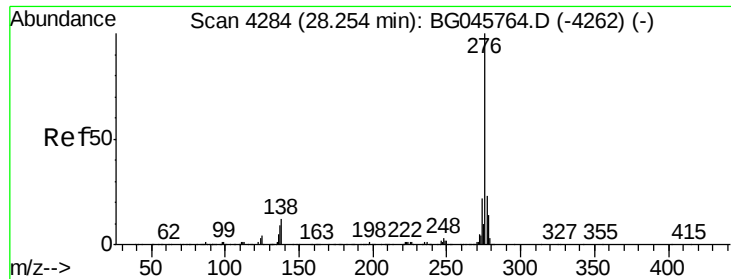
Delta R.T. 0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Tgt Ion:	264	Resp:	330931
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.0	28.4
265	21.0	17.4	26.0





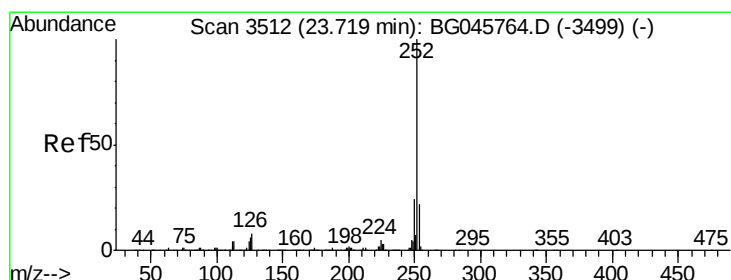
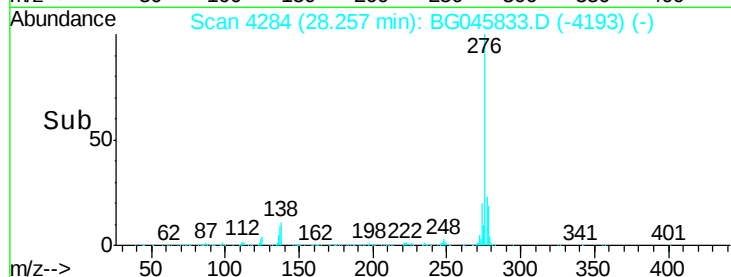
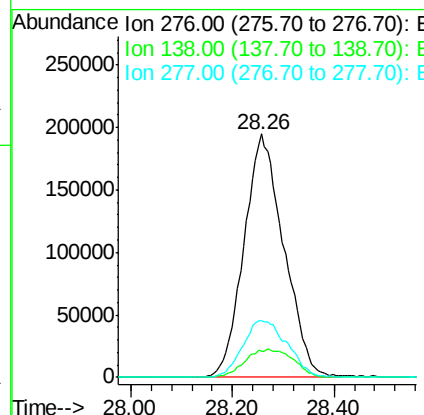
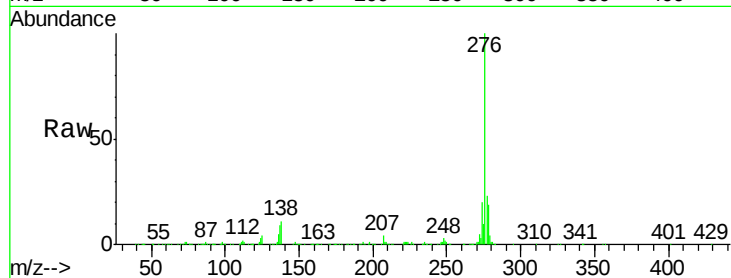
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.266 ng
 RT: 28.26 min Scan# 4284
 Delta R.T. 0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Instrument :
 BNA_G
 ClientSampleID :
 PB129662BS

Tot Ion:276 Resp: 1061985
 Ion Ratio Lower Upper
 276 100
 138 14.0 5.4 8.0#
 277 26.1 20.6 30.8

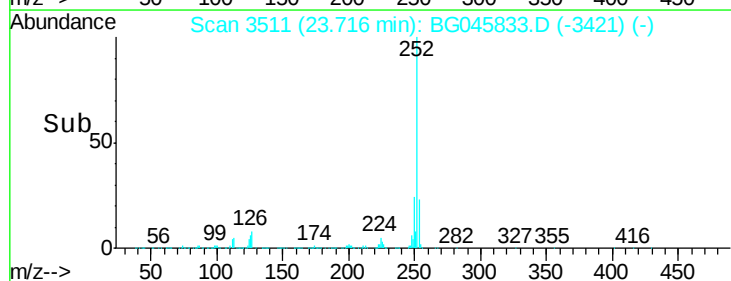
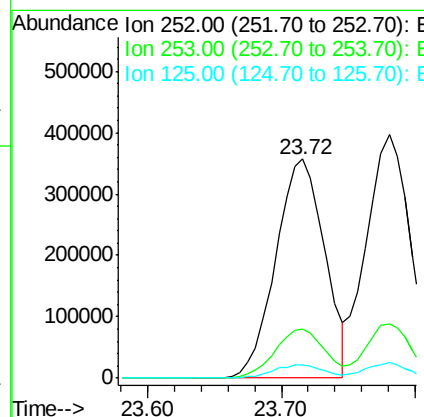
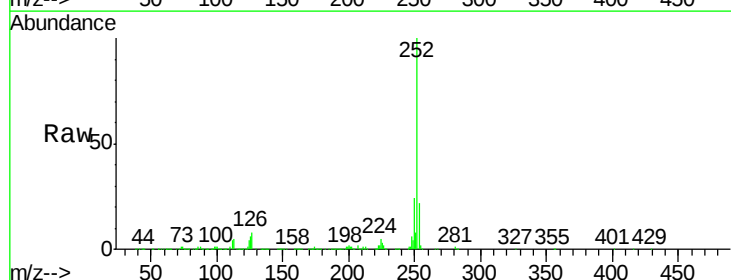
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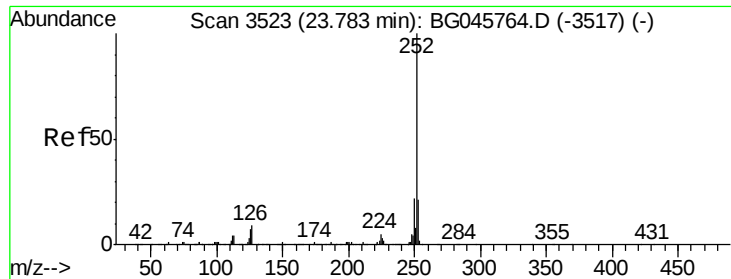
mohammad
 6/24/2020 11:00:05 AM



#88
 Benzo(b)fluoranthene
 Concen: 43.715 ng
 RT: 23.72 min Scan# 3511
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion:252 Resp: 907050
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.4 26.0
 125 6.1 5.0 7.4





#89

Benzo(k)fluoranthene

Concen: 45.740 ng

RT: 23.78 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

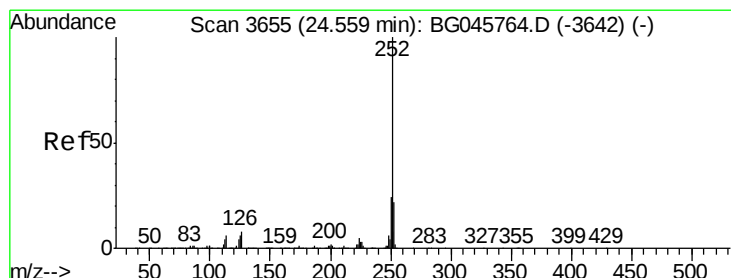
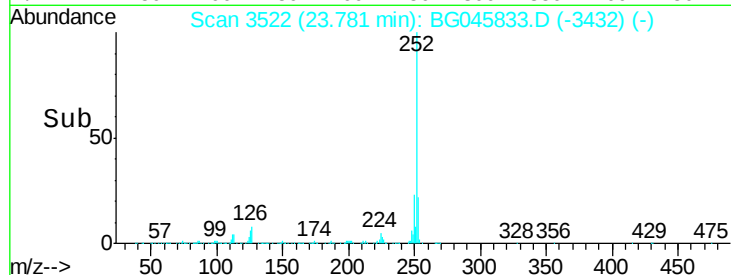
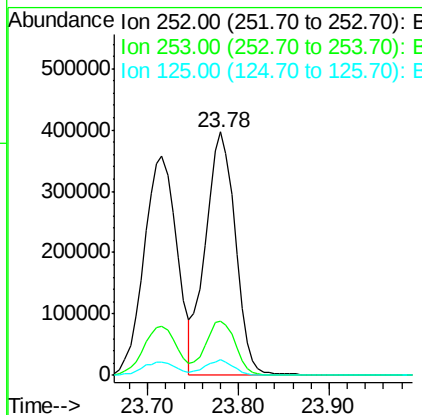
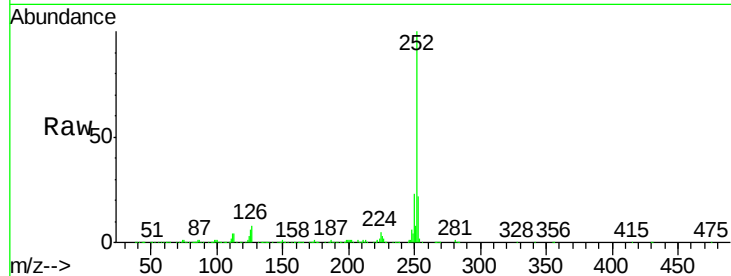
ClientSampleId :

PB129662BS

Tot Ion:252	Resp:	908332
Ion Ratio	Lower	Upper
252 100		
253 22.3	17.2	25.8
125 6.3	5.2	7.8

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mohammad
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#90

Benzo(a)pyrene

Concen: 43.704 ng

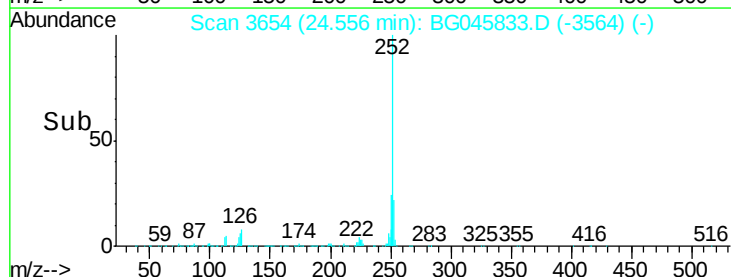
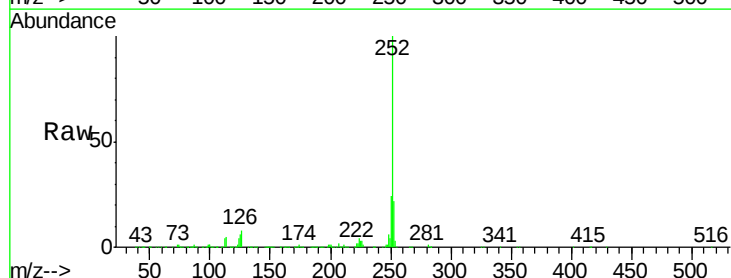
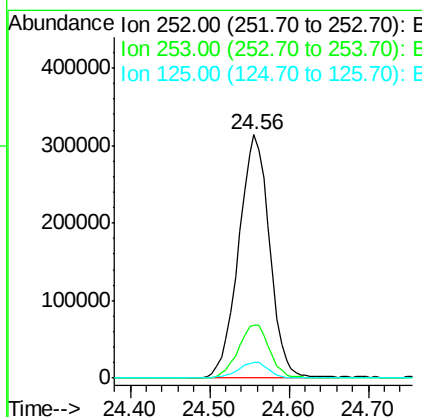
RT: 24.56 min Scan# 3654

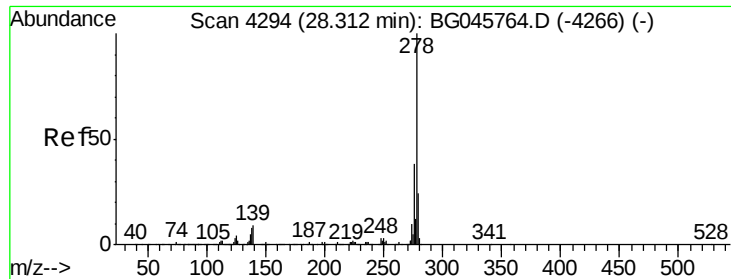
Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Tgt Ion:252	Resp:	847089
Ion Ratio	Lower	Upper
252 100		
253 21.7	18.0	27.0
125 6.3	5.0	7.6





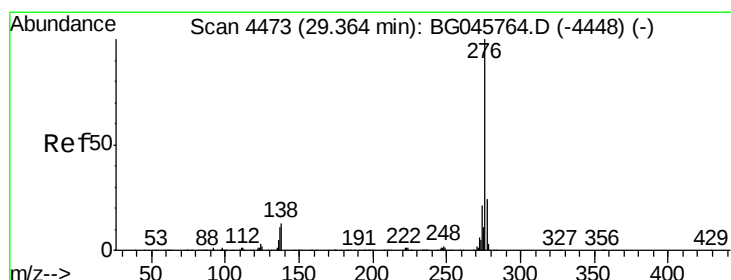
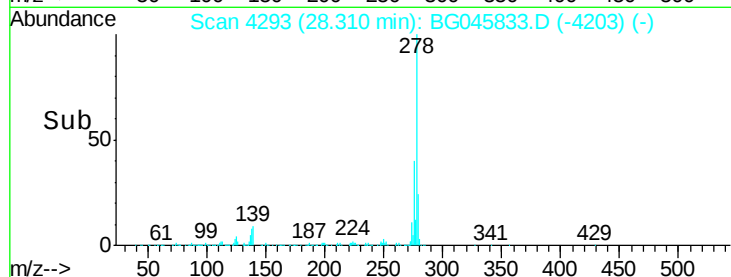
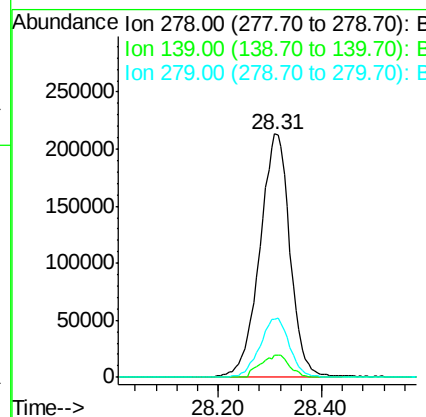
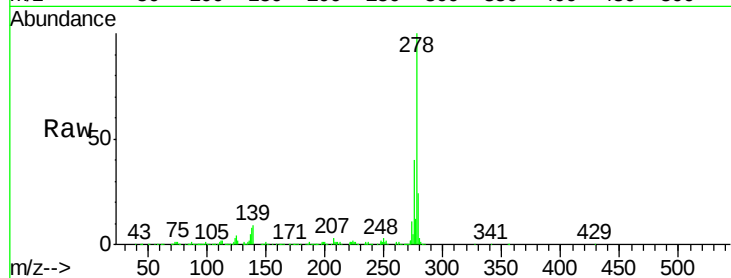
#91
 Dibenzo(a,h)anthracene
 Concen: 44.982 ng
 RT: 28.31 min Scan# 4293
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.3	10.9
279	23.9	19.5	29.3

Manual Integrations
 APPROVED

mohammad
 6/24/2020 11:00:05 AM



#92
 Benzo(g,h,i)perylene
 Concen: 45.278 ng
 RT: 29.37 min Scan# 4473
 Delta R.T. 0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	11.3	10.6	15.8

